LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.835	500	510	520	rBV	60789	154065	9.38%	0.336%
2	6.205	562	573	580	rVV3	47429	129089	7.86%	0.282%
3	7.292	749	758	763	rVV	76196	139367	8.48%	0.304%
4	7.427	774	781	792	rVB2	49339	122371	7.45%	0.267%
5	7.856	850	854	865	rVV	136973	250887	15.27%	0.548%
6	8.232	911	918	926	rVB2	267476	498934	30.37%	1.090%
7	8.338	928	936	943	rBV2	84958	170257	10.36%	0.372%
8	8.861	1017	1025	1030	rBV3	115180	212850	12.95%	0.465%
9	9.325	1093	1104	1113	rVV3	65951	187062	11.38%	0.409%
10	9.419	1113	1120	1128	rVB2	179094	311326	18.95%	0.680%
11	9.712	1164	1170	1176	rVV4	91885	221015	13.45%	0.483%
12	9.783	1176	1182	1191	rVV	209431	385547	23.46%	0.842%
13	10.459	1288	1297	1308	rBV8	159679	516250	31.42%	1.127%
14	10.553	1308	1313	1319	rBV4	61369	150524	9.16%	0.329%
15	10.688	1328	1336	1340	rBV5	66471	139382	8.48%	0.304%
16	10.976	1377	1385	1390	rBV2	148655	300350	18.28%	0.656%
17	11.058	1393	1399	1404	rBV	323205	578115	35.18%	1.263%
18	11.111	1404	1408	1414	rVB	247622	411095	25.02%	0.898%
19	11.234	1419	1429	1433	rBV7	80701	266863	16.24%	0.583%
20	11.287	1433	1438	1445	rBV3	209724	475945	28.97%	1.039%
21	11.416	1453	1460	1463	rBV	367885	661994	40.29%	1.446%
22	11.458	1463	1467	1474	rVV	740964	1421555	86.52%	3.105%
23	11.528	1474	1479	1489	rVB2	240860	422479	25.71%	0.923%
24	11.710	1504	1510	1520	rVB10	53361	138331	8.42%	0.302%
25	11.816	1522	1528	1532	rBV3	81041	150877	9.18%	0.330%
26	11.957	1545	1552	1554	rBV4	72641	123197	7.50%	0.269%
27	12.086	1564	1574	1577	rBV5	99035	266991	16.25%	0.583%
28	12.139	1578	1583	1587	rVV3	99813	176590	10.75%	0.386%
29	12.180	1587	1590	1595	rBV3	91446	142009	8.64%	0.310%
30	12.257	1598	1603	1608	rVB2	186906	346162	21.07%	0.756%
31	12.362	1616	1621	1624	rVV4	88138	150577	9.16%	0.329%
32	12.409	1624	1629	1636	rVB3	230924	395348	24.06%	0.863%
33	12.503	1641	1645	1651	rBV2	79912	170977	10.41%	0.373%
34	12.580	1651	1658	1659	rBV2	181876	314143	19.12%	0.686%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	12.697	1672	1678	1682	rBV	937456	1643118	100.00%	3.588%
36	12.738	1682	1685	1688	rVB	323609	447288	27.22%	0.977%
37	12.779	1689	1692	1696	rVB2	111353	158660	9.66%	0.347%
38	12.826	1696	1700	1703	rBV2	186884	366527	22.31%	0.800%
39	12.915	1710	1715	1722	rVB	627311	1032895	62.86%	2.256%
40	13.003	1722	1730	1740	rBV2	332728	816848	49.71%	1.784%
41	13.091	1740	1745	1757	rVB6	223118	475345	28.93%	1.038%
42	13.203	1759	1764	1769	rBV7	99094	163648	9.96%	0.357%
43	13.267	1769	1775	1779	rBV6	186823	387518	23.58%	0.846%
44	13.338	1784	1787	1791	rBV2	146419	212407	12.93%	0.464%
45	13.391	1793	1796	1801	rVB2	150610	213292	12.98%	0.466%
46	13.449	1801	1806	1809	rBV7	98693	167492	10.19%	0.366%
47	13.543	1815	1822	1825	rBV2	197187	426727	25.97%	0.932%
48	13.573	1825	1827	1831	rVB3	190703	266074	16.19%	0.581%
49	13.631	1832	1837	1842	rVB3	381825	648085	39.44%	1.415%
50	13.684	1843	1846	1850	rVB	145819	211529	12.87%	0.462%
51	13.802	1859	1866	1869	rBV4	177187	409568	24.93%	0.894%
52	13.884	1876	1880	1888	rVB3	253627	576678	35.10%	1.259%
53	14.037	1896	1906	1918	rBV3	402875	1163334	70.80%	2.541%
54	14.172	1919	1929	1934	rBV2	521225	1071867	65.23%	2.341%
55	14.231	1934	1939	1945	rVB3	508734	862447	52.49%	1.884%
56	14.413	1965	1970	1974	rBV2	164539	261612	15.92%	0.571%
57	14.489	1980	1983	1986	rVB2	208831	252276	15.35%	0.551%
58	14.530	1987	1990	1992	rBV3	141690	196188	11.94%	0.428%
59	14.572	1994	1997	2002	rVB3	165216	260384	15.85%	0.569%
60	14.624	2002	2006	2010	rVB4	202650	280091	17.05%	0.612%
61	14.695	2013	2018	2023	rVB	554217	758650	46.17%	1.657%
62	14.807	2032	2037	2041	rBV2	502445	774291	47.12%	1.691%
63	14.859	2041	2046	2049	rBV	511382	783427	47.68%	1.711%
64	15.071	2074	2082	2089	rBV8	270407	530069	32.26%	1.158%
65	15.141	2089	2094	2099	rVB3	190787	334808	20.38%	0.731%
66	15.241	2105	2111	2119	rBV6	201554	459621	27.97%	1.004%
67	15.353	2128	2130	2135	rVB3	153087	178682	10.87%	0.390%
68	15.459	2142	2148	2153	rBV4	180872	358646	21.83%	0.783%
69	15.512	2153	2157	2165	rVV4	307202	589365	35.87%	1.287%
70	15.576	2165	2168	2170	rBV2	205944	260205	15.84%	0.568%
71	15.611	2170	2174	2176	rVV	390420	618390	37.64%	1.351%

LSC Area Percent Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.1 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	15.641	2176	2179	2183	rVB	755849	911066	55.45%	1.990%
73	15.799	2201	2206	2210	rBV5	105632	174510	10.62%	0.381%
74	15.882	2210	2220	2230	rVV4	362775	917301	55.83%	2.003%
75	16.446	2309	2316	2320	rVB4	328728	595983	36.27%	1.302%
76	16.499	2320	2325	2329	rBV	943269	1222547	74.40%	2.670%
77	16.722	2356	2363	2372	rVB5	443368	732572	44.58%	1.600%
78	16.804	2372	2377	2385	rVB2	351267	550773	33.52%	1.203%
79	16.886	2385	2391	2396	rBV4	99834	243147	14.80%	0.531%
80	16.951	2398	2402	2407	rVB7	64490	133651	8.13%	0.292%
81	17.127	2428	2432	2439	rVB7	71512	123511	7.52%	0.270%
82	17.245	2448	2452	2455	rBV3	207620	299600	18.23%	0.654%
83	17.292	2455	2460	2471	rVB2	807313	1249298	76.03%	2.728%
84	17.433	2480	2484	2491	rVB4	125926	191644	11.66%	0.419%
85	17.603	2506	2513	2518	rBV	694858	1084546	66.01%	2.369%
86	17.691	2524	2528	2537	rVB4	70691	159803	9.73%	0.349%
87	17.774	2537	2542	2548	rBV6	86149	189887	11.56%	0.415%
88	17.985	2574	2578	2581	rBV3	172003	228018	13.88%	0.498%
89	18.026	2581	2585	2598	rVB	701245	1050368	63.93%	2.294%
90	18.678	2691	2696	2698	rBV	208935	245191	14.92%	0.535%
91	18.714	2698	2702	2715	rVB	572060	786462	47.86%	1.718%
92	19.307	2798	2803	2804	rBV	117633	141081	8.59%	0.308%
93	19.337	2804	2808	2819	rVB	423105	579512	35.27%	1.266%
94	19.877	2896	2900	2902	rBV2	180994	211082	12.85%	0.461%
95	19.906	2902	2905	2911	rVB	329826	426967	25.99%	0.932%
96	19.977	2912	2917	2929	rVB3	128434	270285	16.45%	0.590%
97	20.429	2987	2994	3001	rVB2	277725	467515	28.45%	1.021%
98	20.911	3071	3076	3092	rVB3	164246	448923	27.32%	0.980%
99	21.892	3236	3243	3252	rVB	899888	1567830	95.42%	3.424%
100	25.318	3816	3826	3836	rBV	480471	1465049	89.16%	3.200%

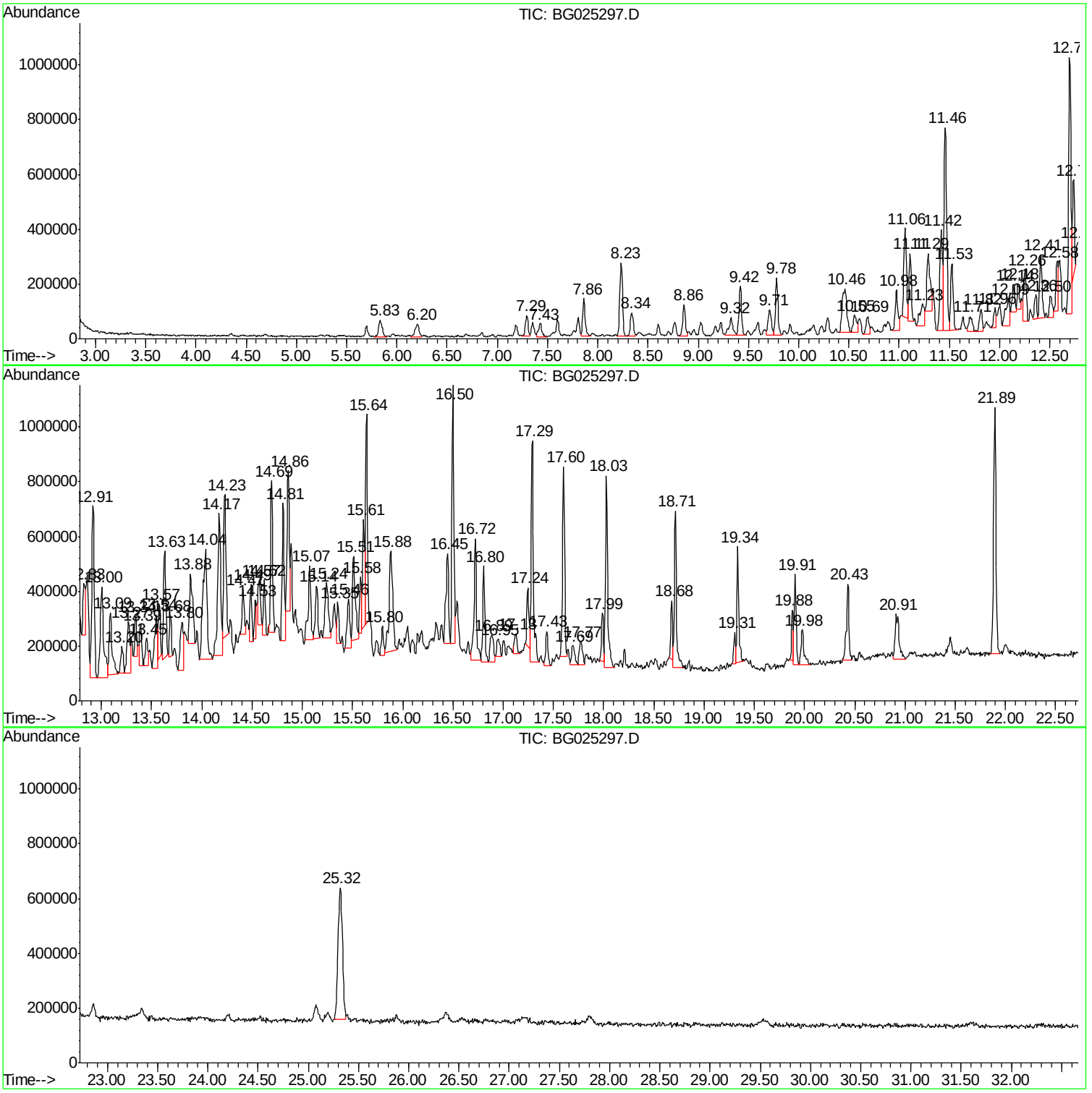
Sum of corrected areas: 45788698

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

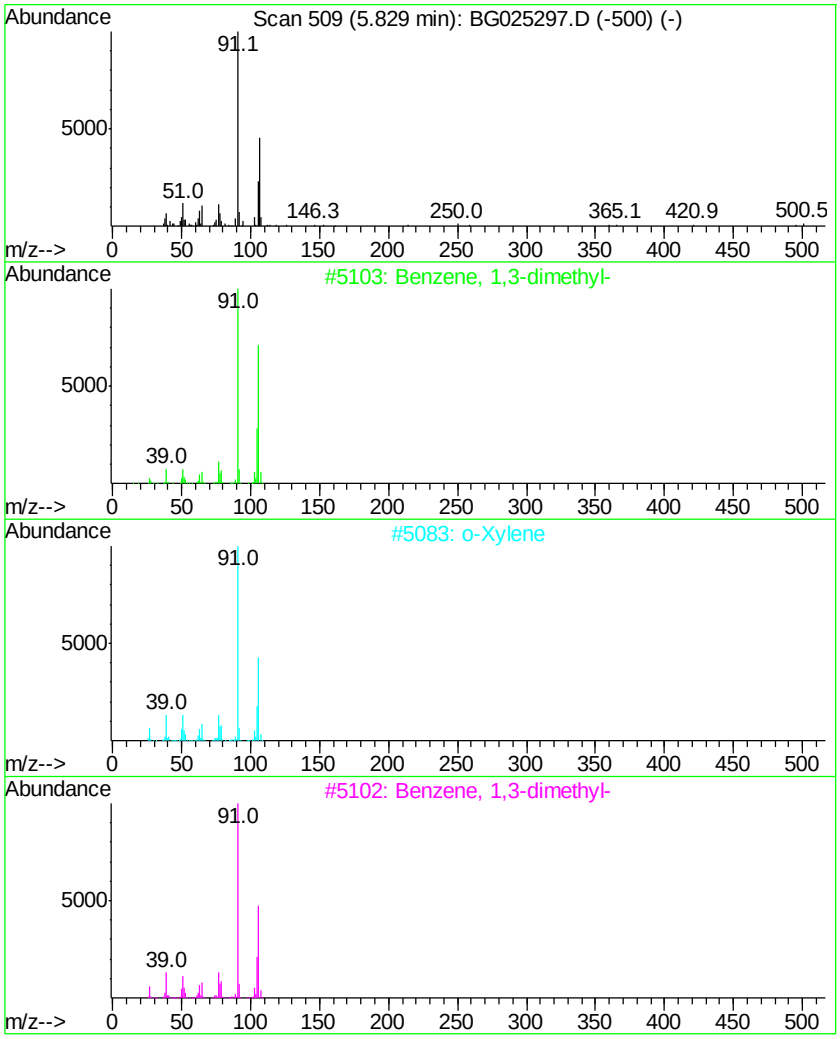
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

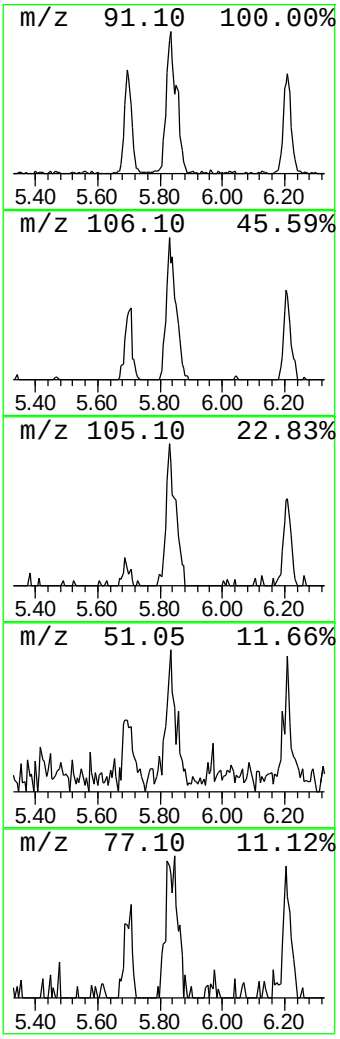
****

Peak Number 1 Benzene, 1,3-dimethyl- Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.83	6.18 ng/ul	154065	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
2	o-Xylene	106	C8H10	000095-47-6	68
3	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	68
4	p-Xylene	106	C8H10	000106-42-3	68
5	p-Xylene	106	C8H10	000106-42-3	68





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

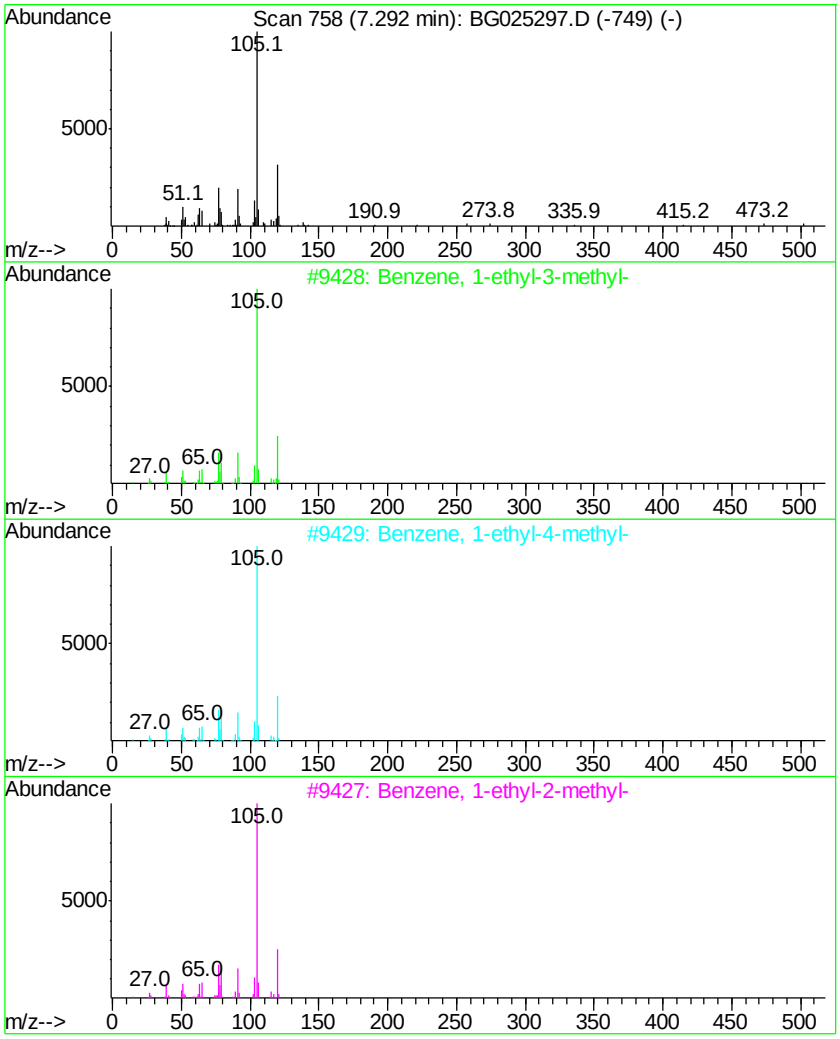
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

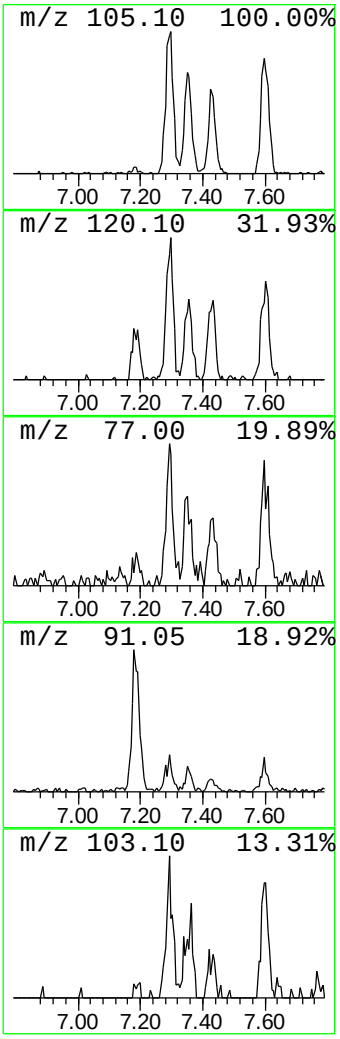
****

Peak Number 3 Benzene, 1-ethyl-3-methyl- Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	5.59 ng/ul	139367	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	87
2	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	81
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	81
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	81
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

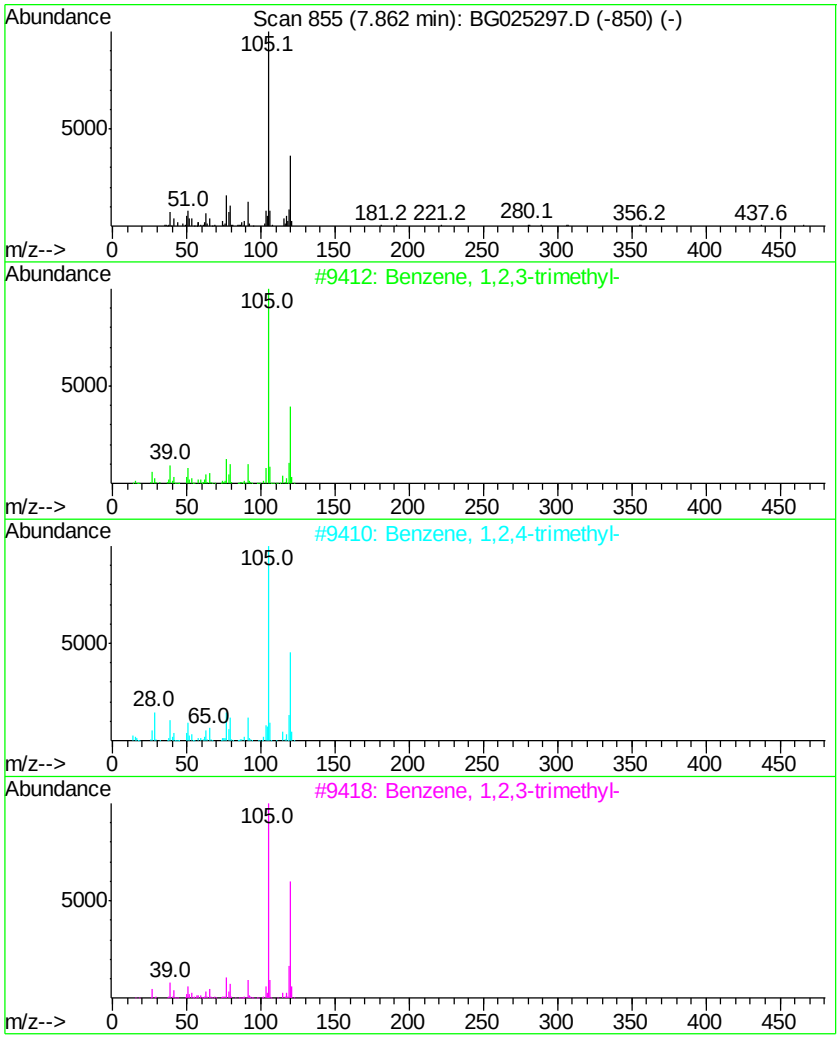
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

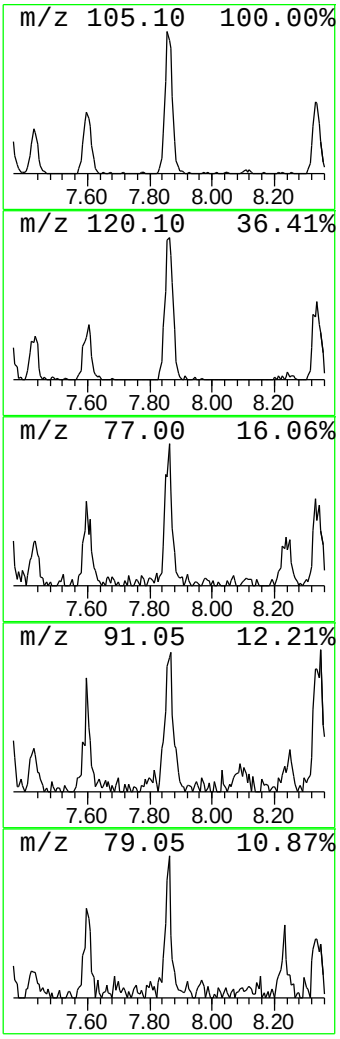
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	10.06 ng/ul	250887	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
3	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	87
5	Mesitylene	120	C9H12	000108-67-8	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

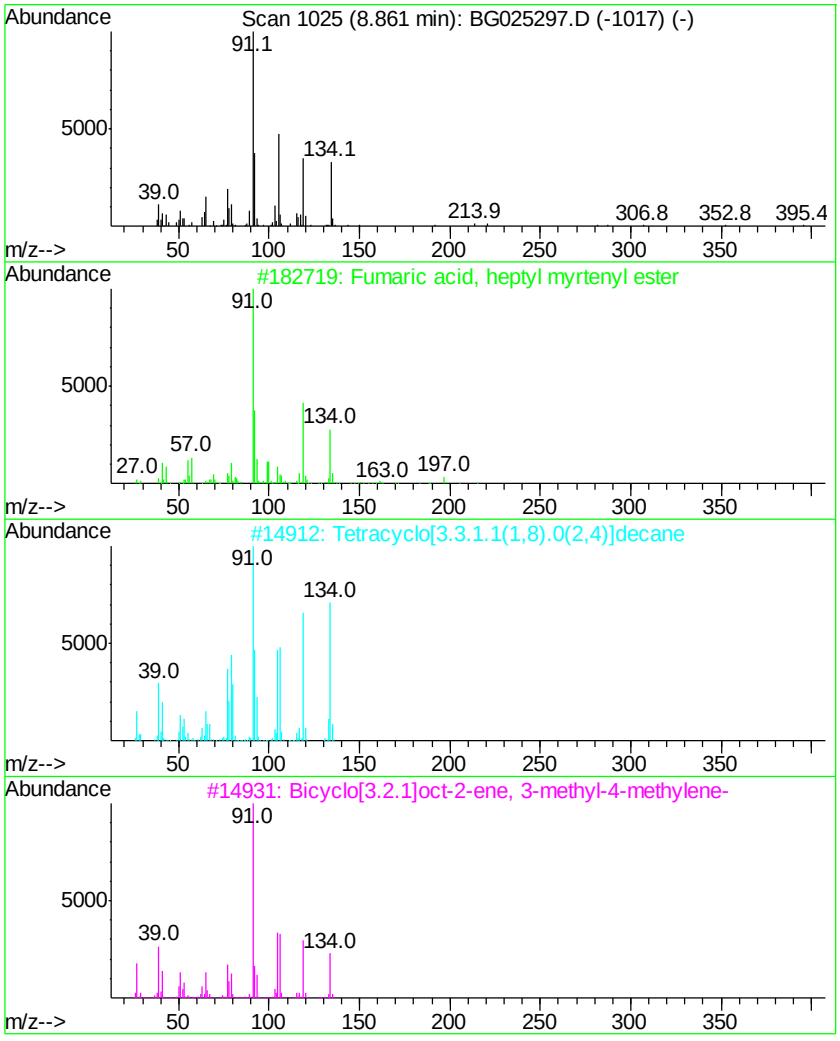
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

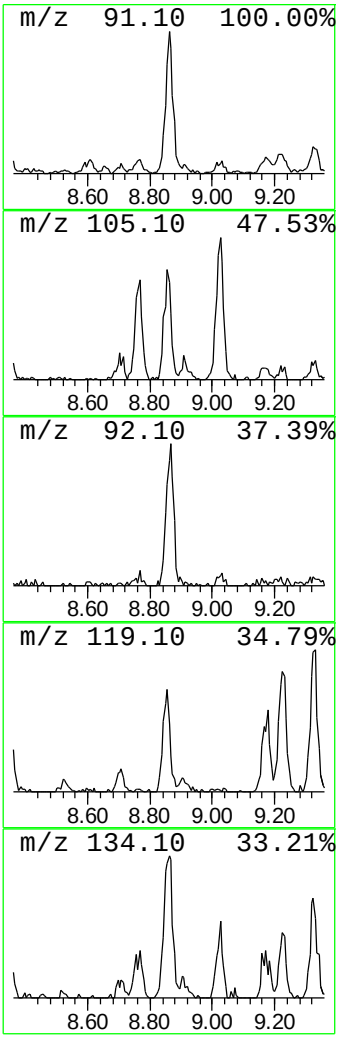
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Fumaric acid, heptyl myrten... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	8.53 ng/ul	212850	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fumaric acid, heptyl myrtenyl ester	348	C21H32O4	1000348-81-6	72
2	Tetracyclo[3.3.1.1(1,8).0(2,4)]d...	134	C10H14	1000185-58-7	59
3	Bicyclo[3.2.1]oct-2-ene, 3-methy...	134	C10H14	049826-53-1	50
4	Benzenepropanal	134	C9H10O	000104-53-0	49
5	Benzene, butyl-	134	C10H14	000104-51-8	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

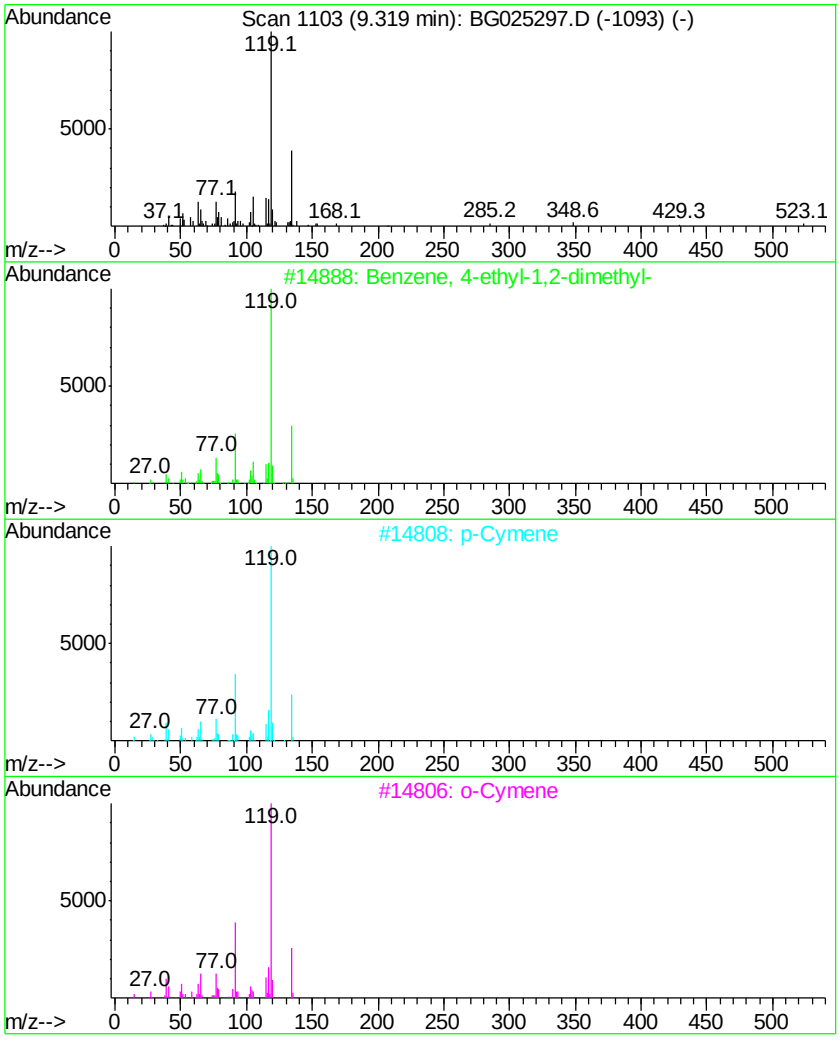
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

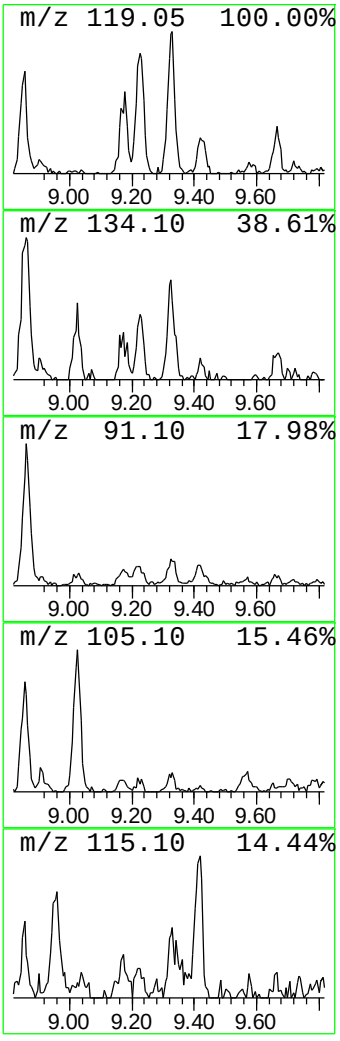
****

Peak Number 7 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	7.50 ng/ul	187062	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	87
2	p-Cymene	134	C10H14	000099-87-6	83
3	o-Cymene	134	C10H14	000527-84-4	83
4	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	80
5	o-Cymene	134	C10H14	000527-84-4	74





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

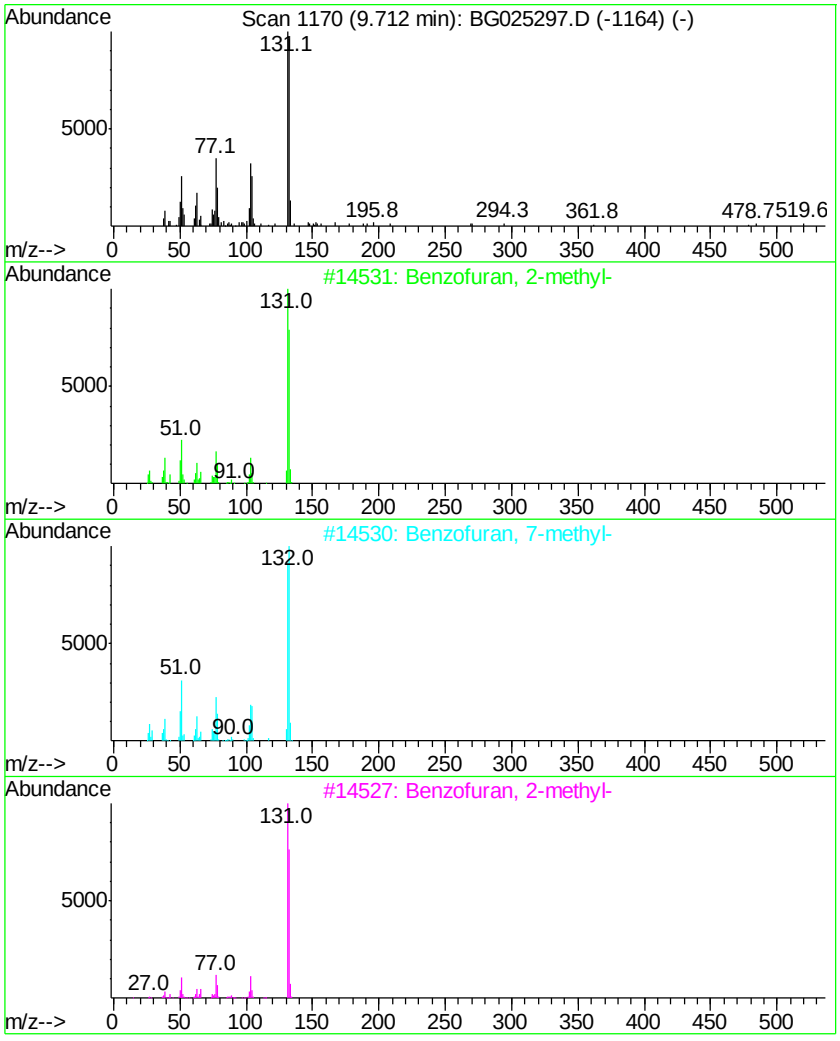
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

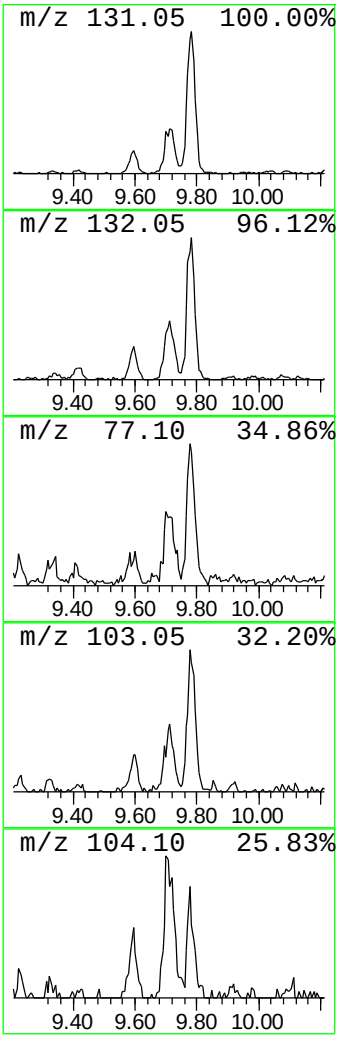
****

Peak Number 8 Benzofuran, 2-methyl- Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	7.65 ng/ul	221015	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	95
2	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





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Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

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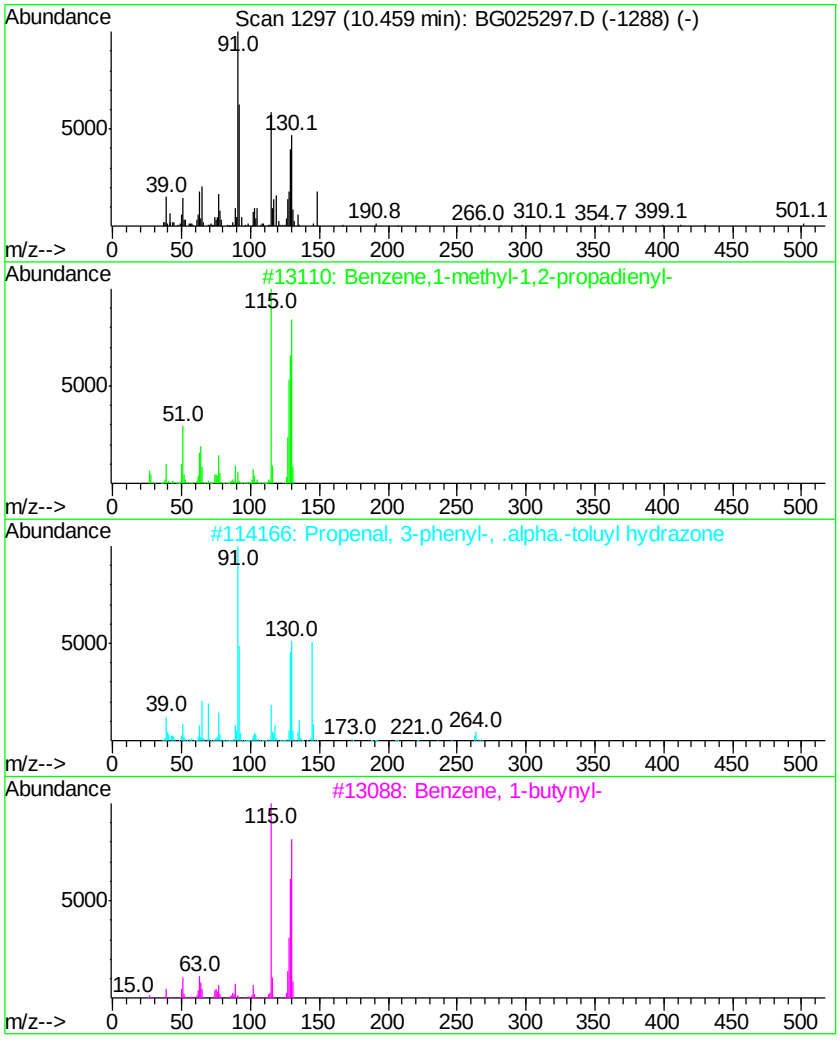
Quant Title : SVOA CALIBRATION

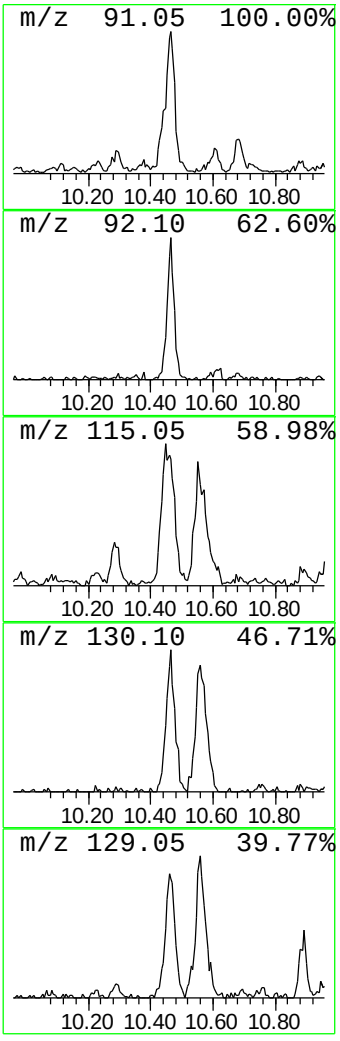
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Benzene,1-methyl-1,2-propad... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	17.86 ng/ul	516250	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	55
2	Propenal, 3-phenyl-, .alpha.-tol...	264	C17H16N2O	318512-81-1	50
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	49
4	1H-2,3-Benzodiazepine, 1-methyl-	158	C10H10N2	029100-32-1	38
5	3-Butynylbenzene	130	C10H10	016520-62-0	38





Library Search Compound Report

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Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

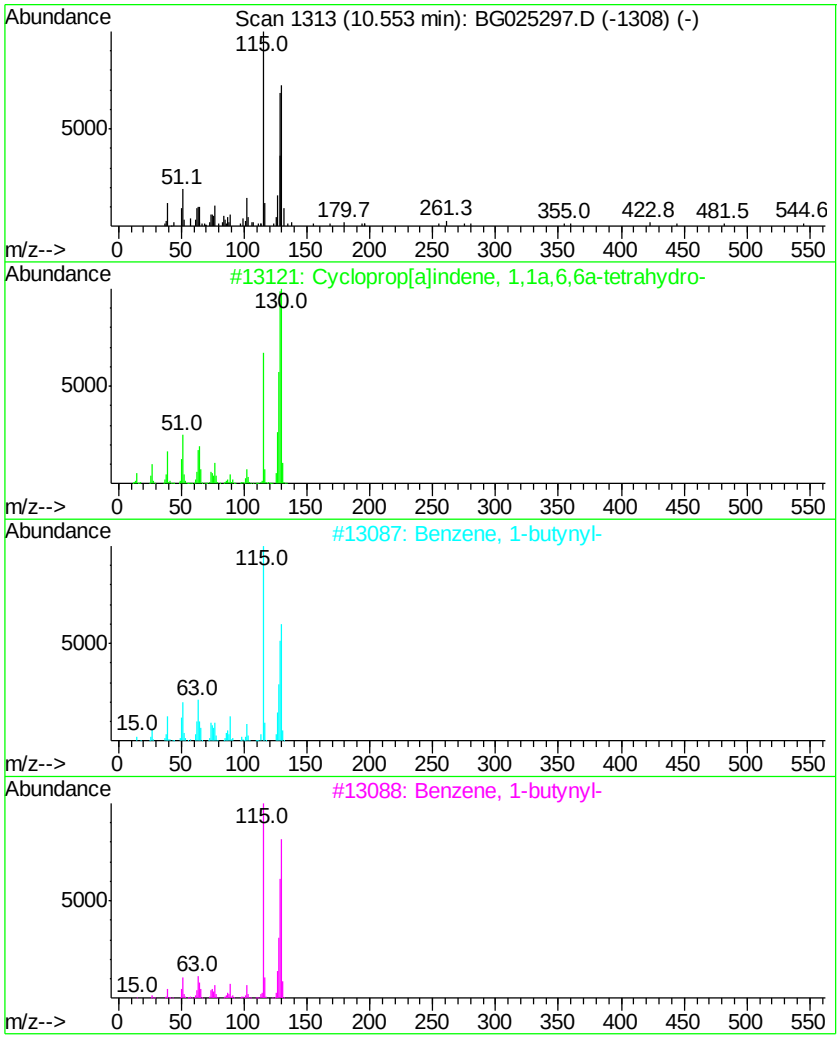
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

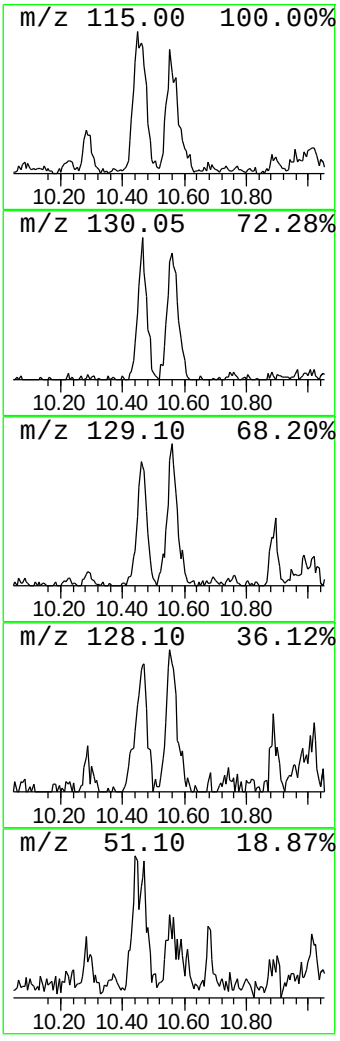
****

Peak Number 11 Cycloprop[a]indene, 1,1a,6,... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.55	5.21 ng/ul	150524	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
2	Benzene, 1-butynyl-	130	C10H10	000622-76-4	80
3	Benzene, 1-butynyl-	130	C10H10	000622-76-4	70
4	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	70
5	Naphthalene, 1,2-dihydro-	130	C10H10	000447-53-0	70





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Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

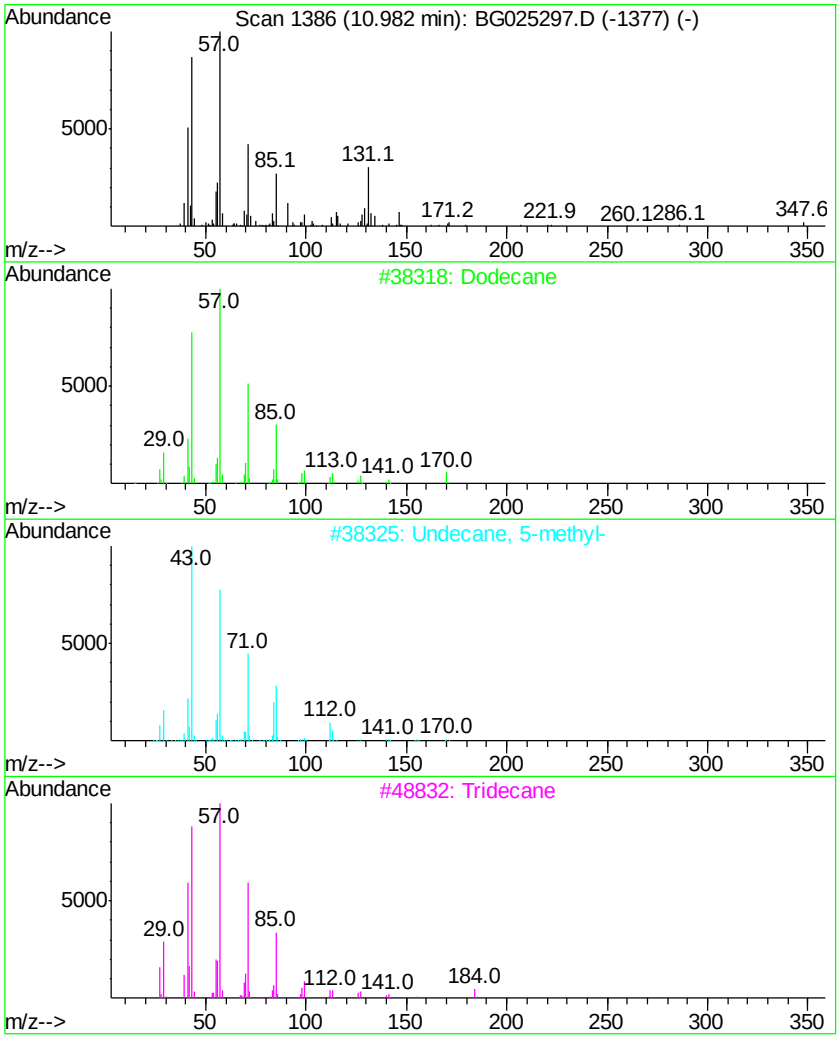
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

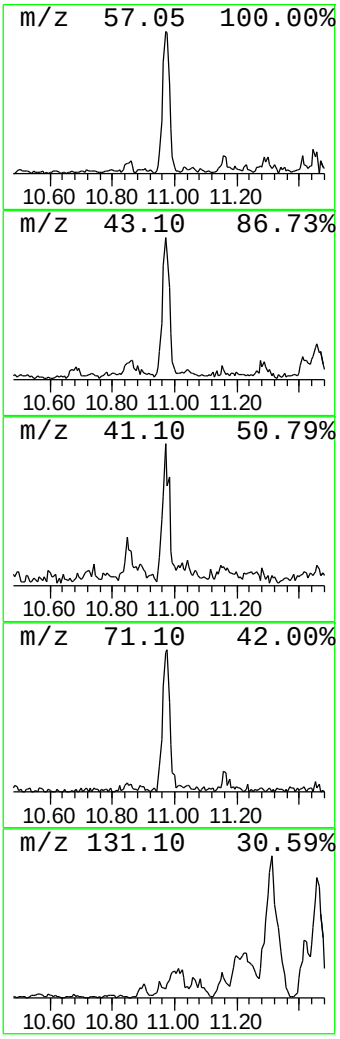
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.98	10.39 ng/ul	300350	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	76
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	64
3	Tridecane	184	C13H28	000629-50-5	59
4	Heptadecane, 2,6,10,14-tetramethyl-	296	C21H44	018344-37-1	52
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	52





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Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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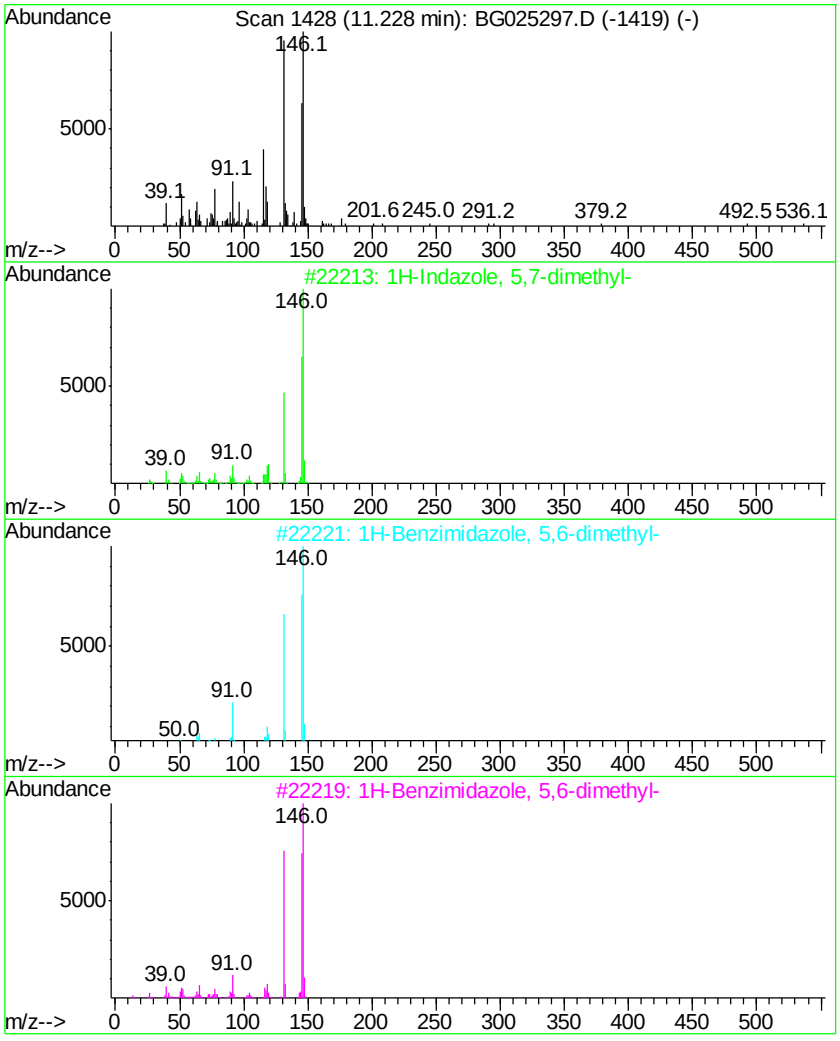
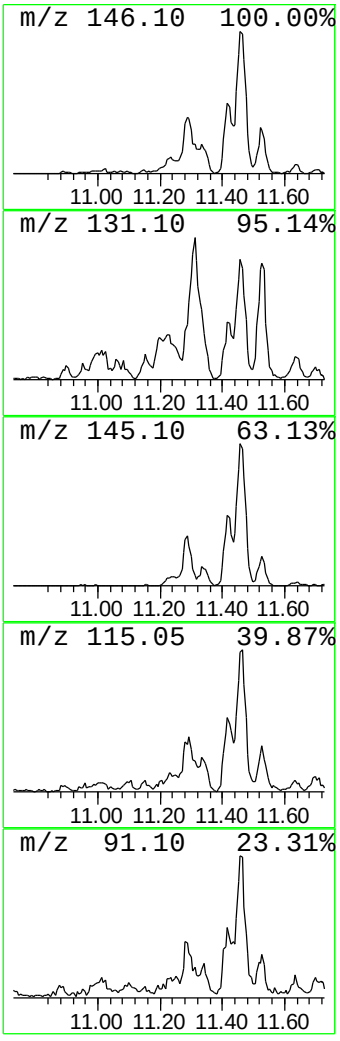
Peak Number 13 1H-Indazole, 5,7-dimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	9.23 ng/ul	266863	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	83
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	80
4	p-Propargyloxytoluene	146	C10H10O	005651-90-1	78
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	72





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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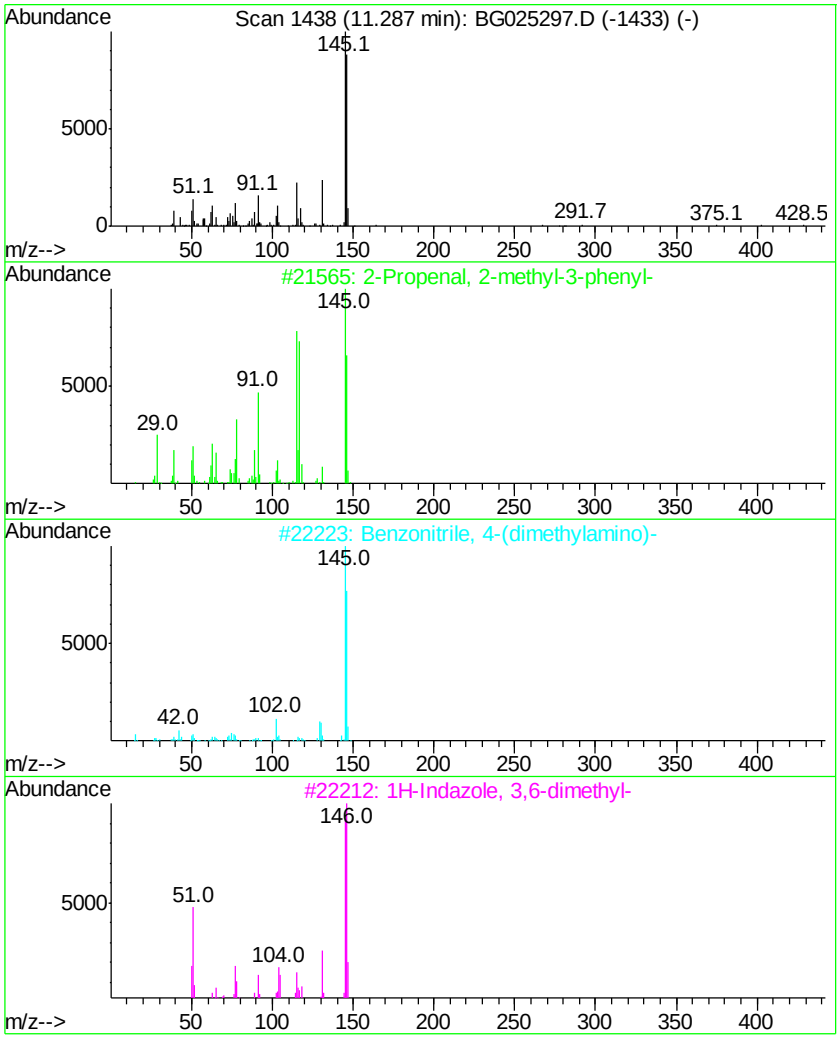
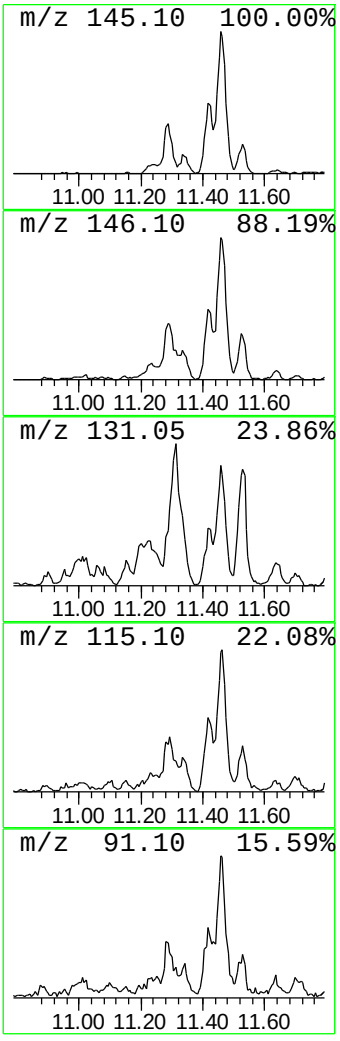
Peak Number 14 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	16.47 ng/ul	475945	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
3	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	56
4	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
5	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53





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Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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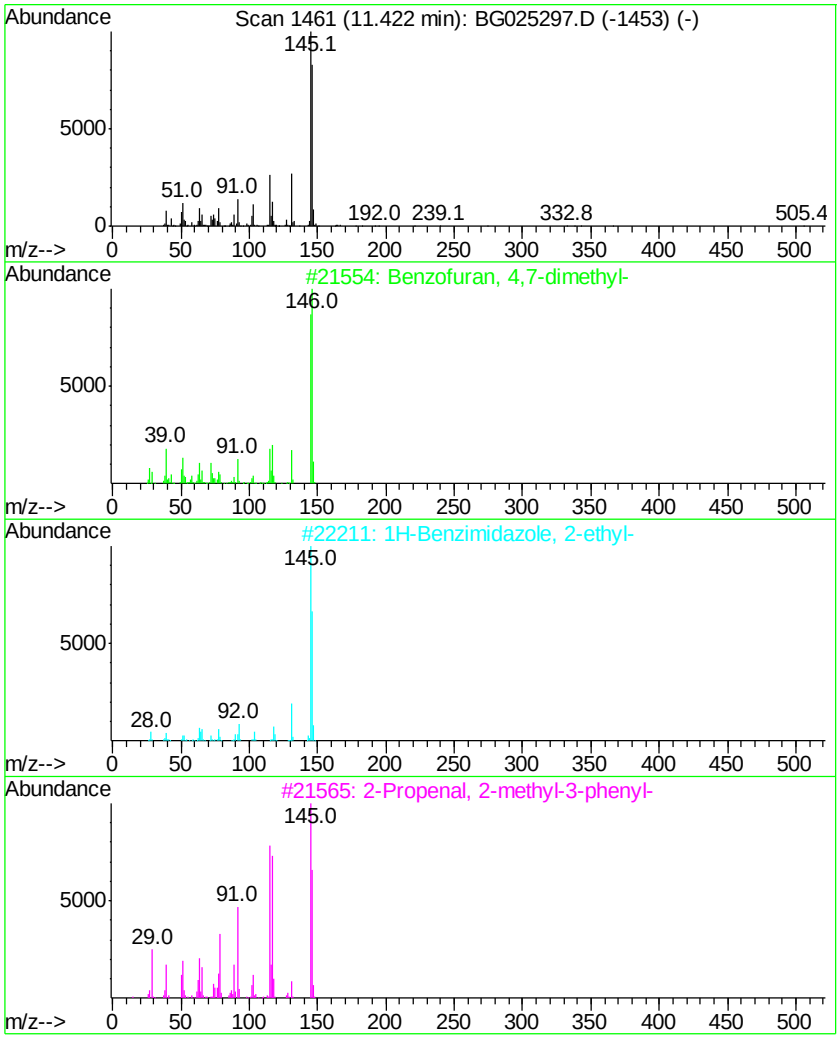
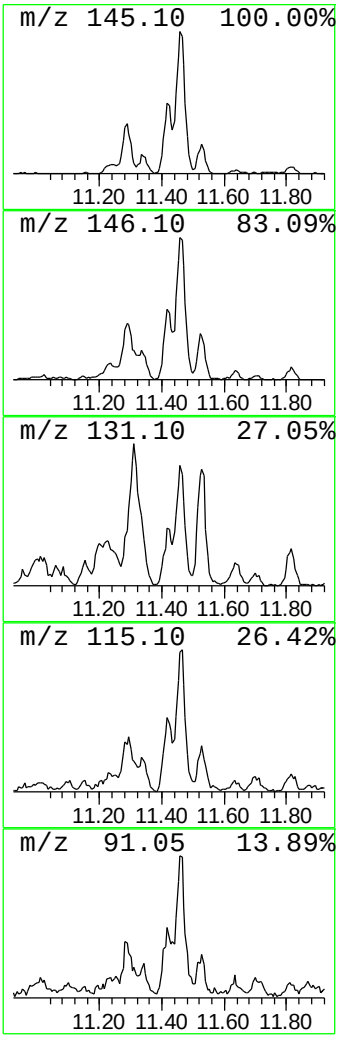
Peak Number 15 Benzofuran, 4,7-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	22.90 ng/ul	661994	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	78
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	72
4	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	58





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Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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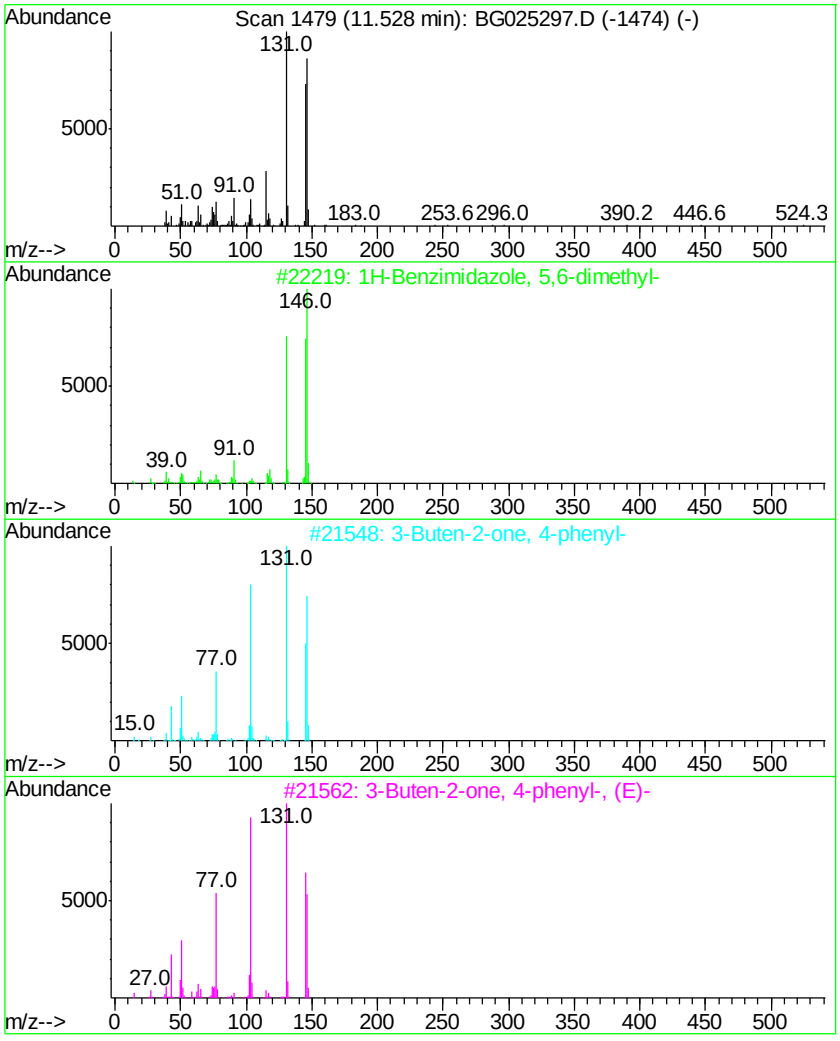
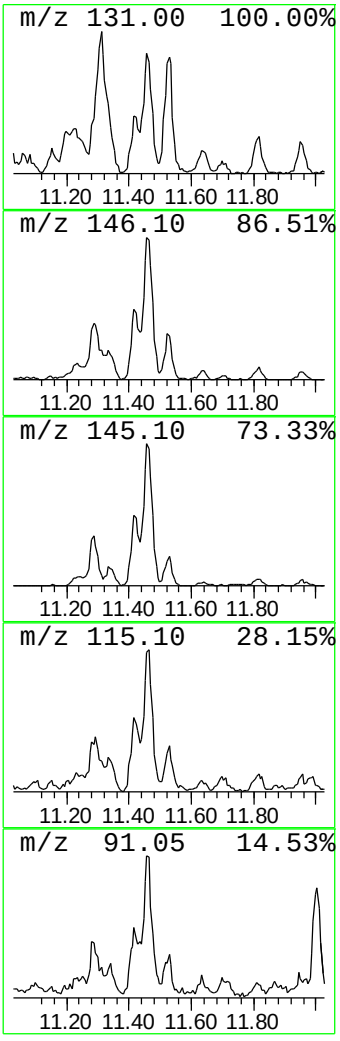
Peak Number 17 1H-Benzimidazole, 5,6-dimet... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	14.62 ng/ul	422479	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	83
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	80
3	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	80
4	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	80
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	62





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Misc :
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Instrument : BNA_G
ClientSampleId : DA849DL

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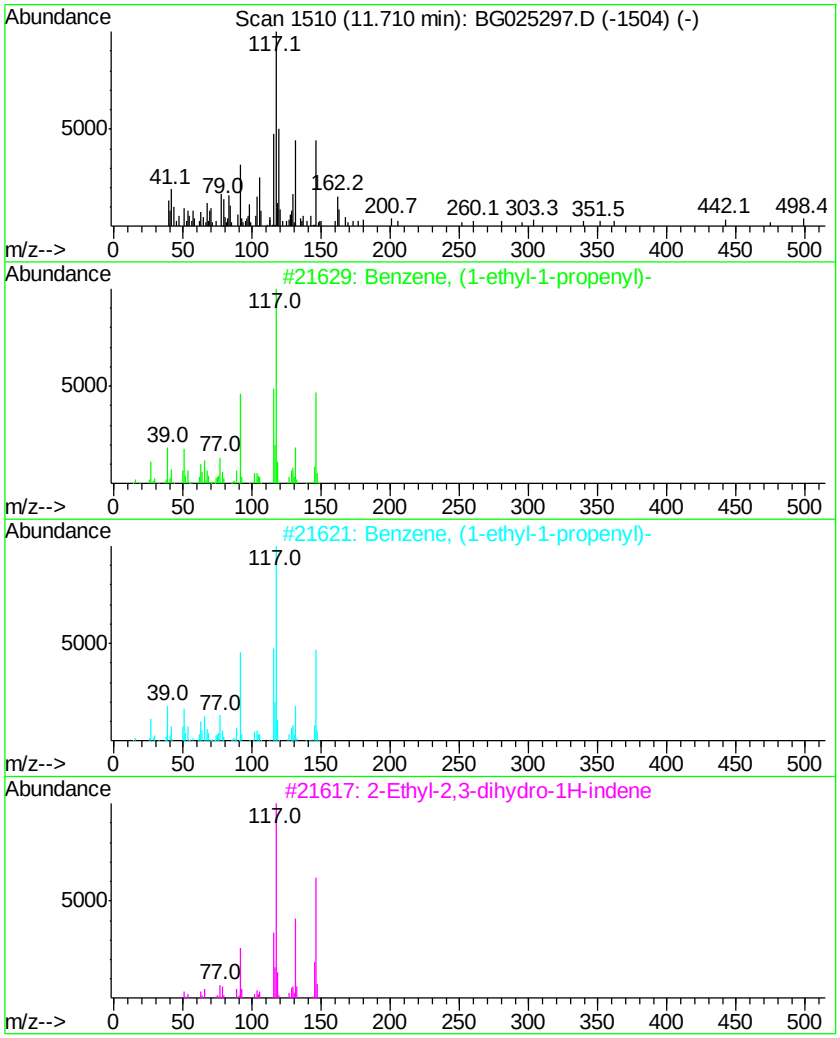
Quant Title : SVOA CALIBRATION

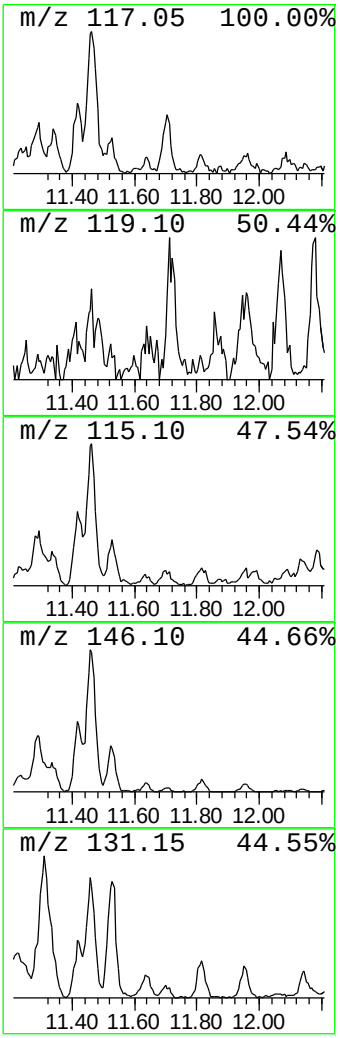
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, (1-ethyl-1-propenyl)- Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.71	4.79 ng/ul	138331	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	52
2	Benzene, (1-ethyl-1-propenyl)-	146	C11H14	004701-36-4	52
3	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	49
4	trans-1-Phenyl-1-pentene	146	C11H14	016002-93-0	49
5	1H-Indene-4-carboxaldehyde, 2,3-...	146	C10H10O	051932-70-8	38





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Sample : H5970-10DL 10X
Misc :
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Instrument : BNA_G
ClientSampleId : DA849DL

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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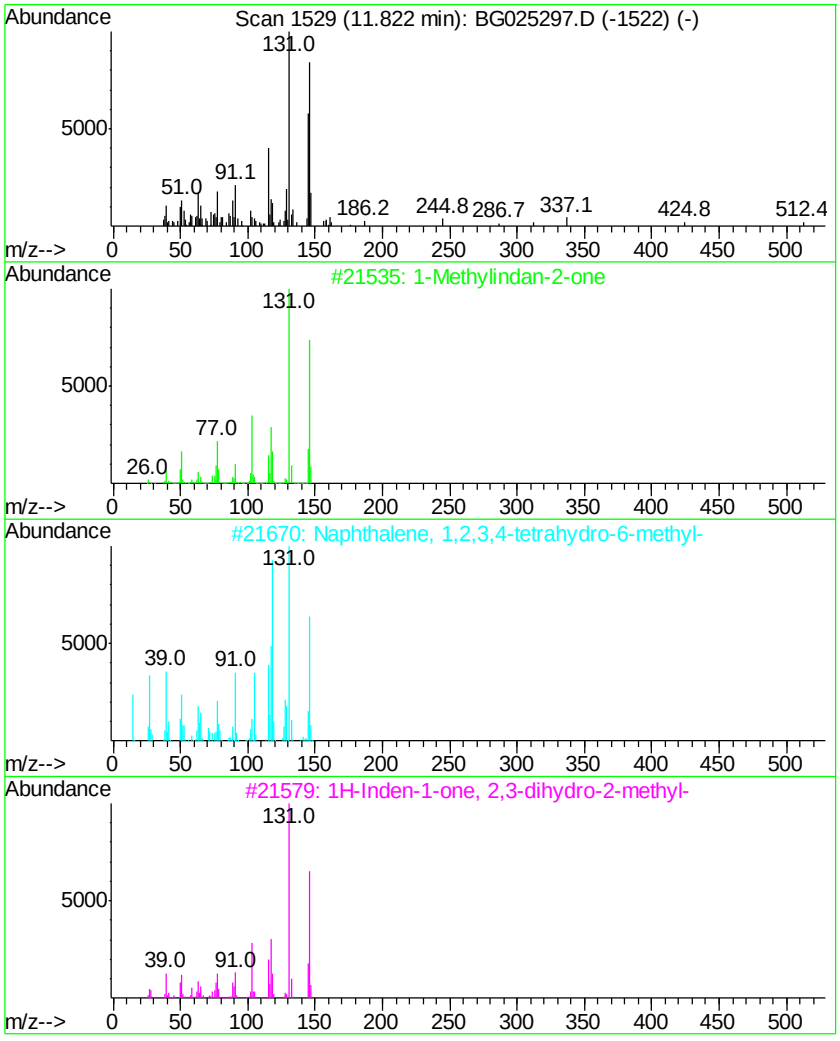
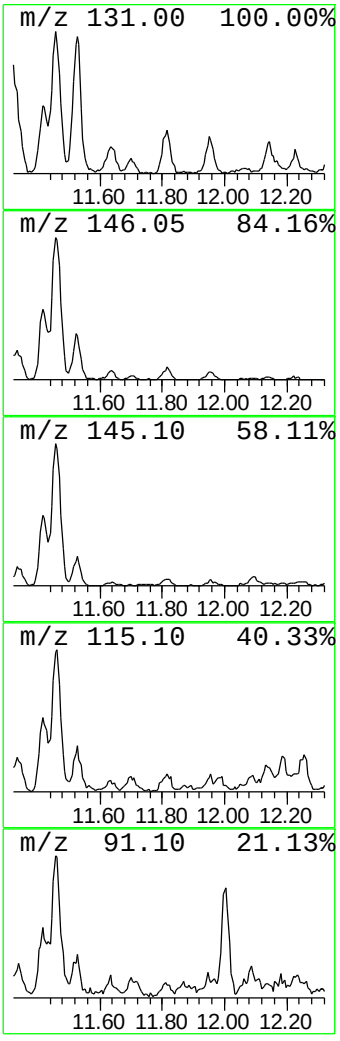
Peak Number 19 1-Methylindan-2-one Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.82	5.22 ng/ul	150877	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methylindan-2-one	146	C10H10O	035587-60-1	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	64
3	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
4	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	58
5	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	58





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Misc :
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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

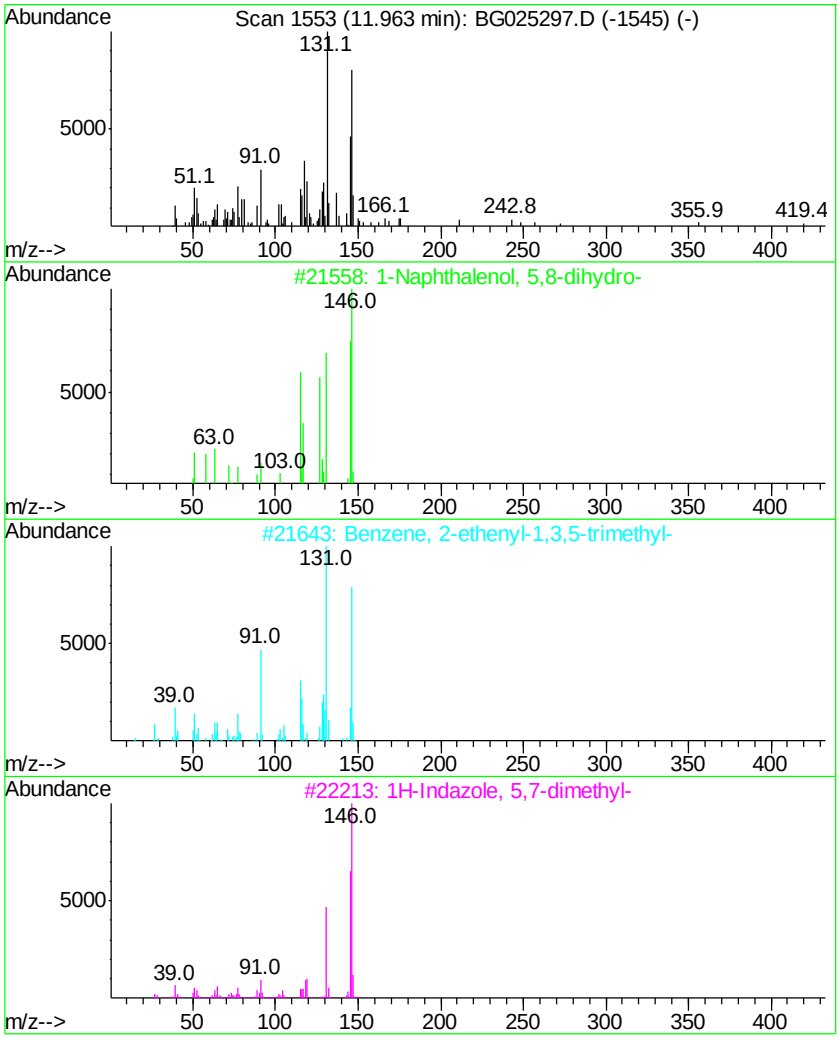
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

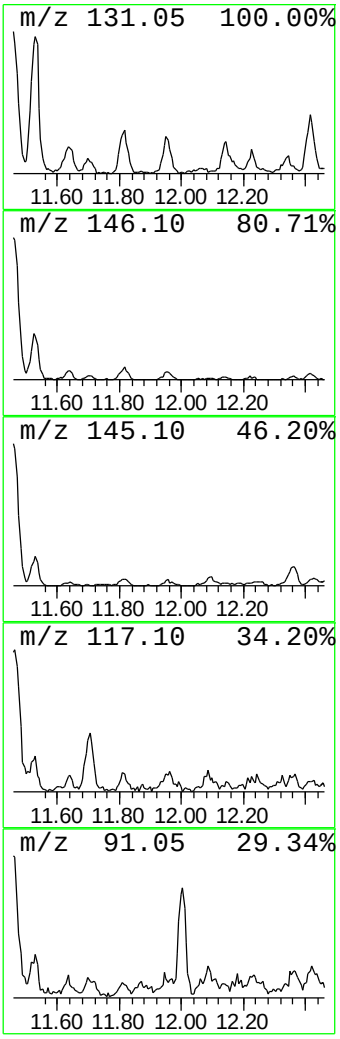
****

Peak Number 20 1-Naphthalenol, 5,8-dihydro- Concentration Rank 71

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	4.26 ng/ul	123197	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	76
2	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	74
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	70
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	70
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	62





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

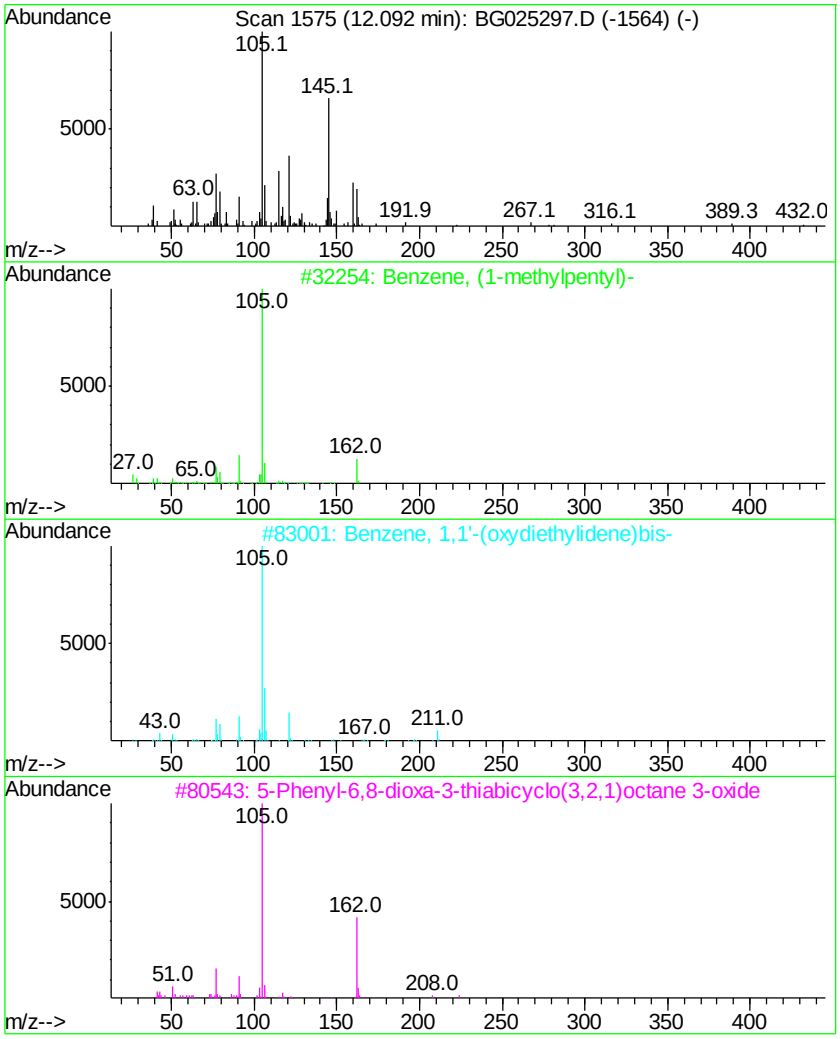
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

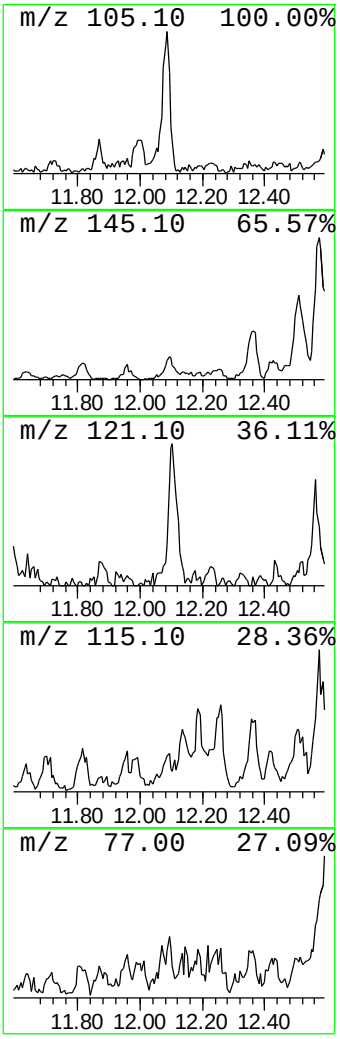
****

Peak Number 21 unknown-01 Concentration Rank 37

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	9.24 ng/ul	266991	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	35
2	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	27
3	5-Phenyl-6,8-dioxa-3-thiabicyclo...	224	C11H12O3S	1000145-30-3	27
4	4-Methyl-3-(O-methylbenzyl)penta...	201	C14H19N	029107-40-2	27
5	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	22





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

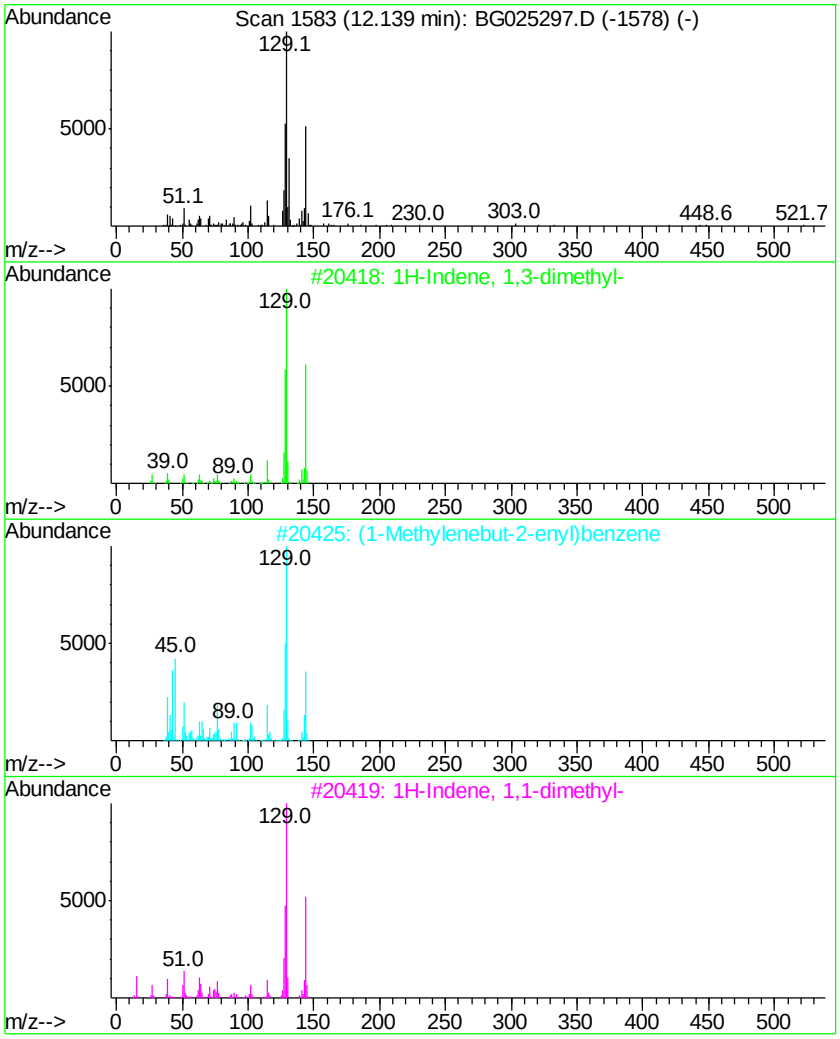
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

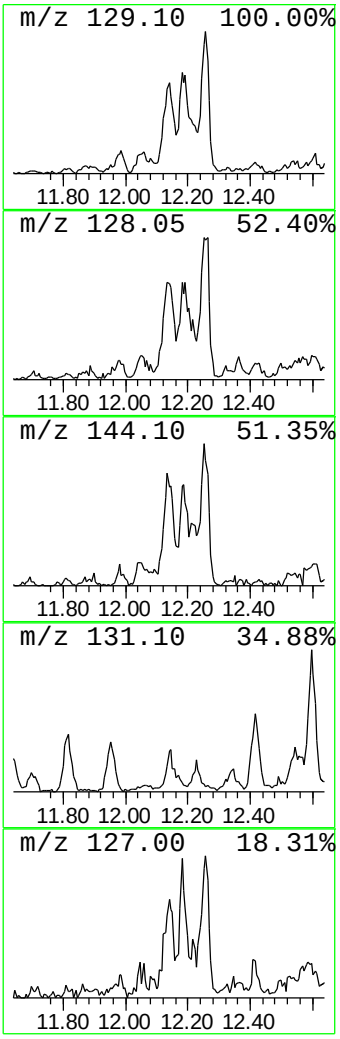
****

Peak Number 22 1H-Indene, 1,3-dimethyl- Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	6.11 ng/ul	176590	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	87
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	87
3	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

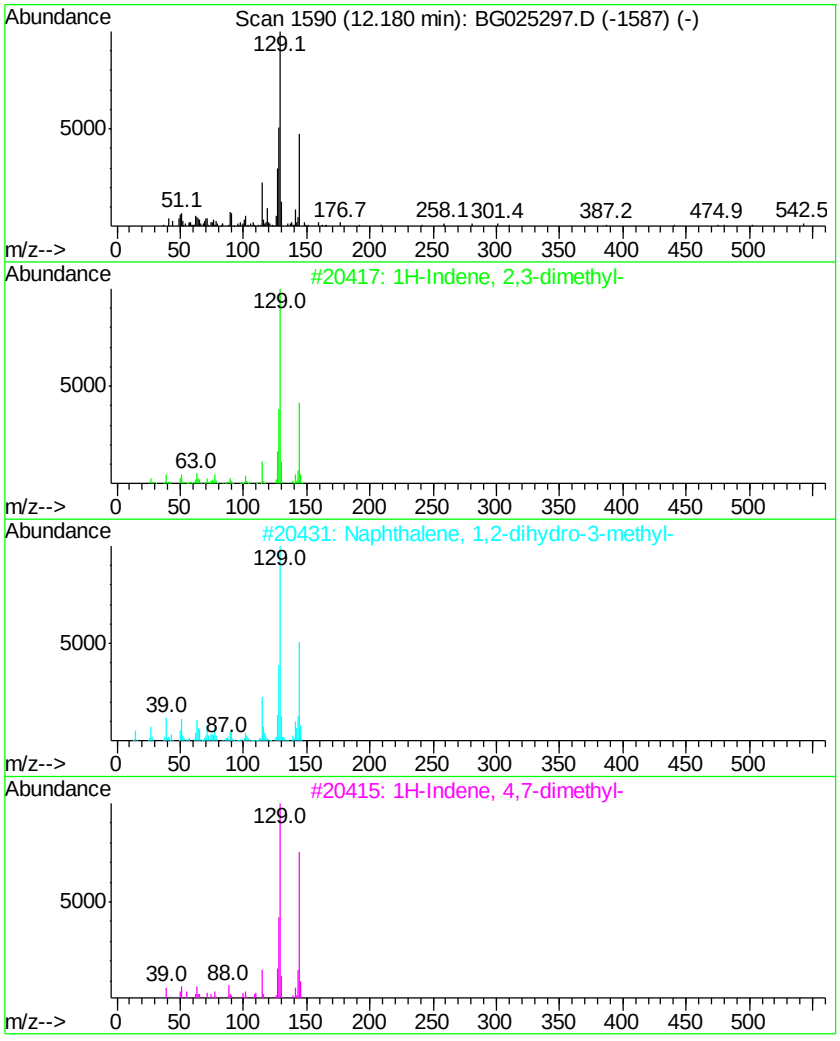
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

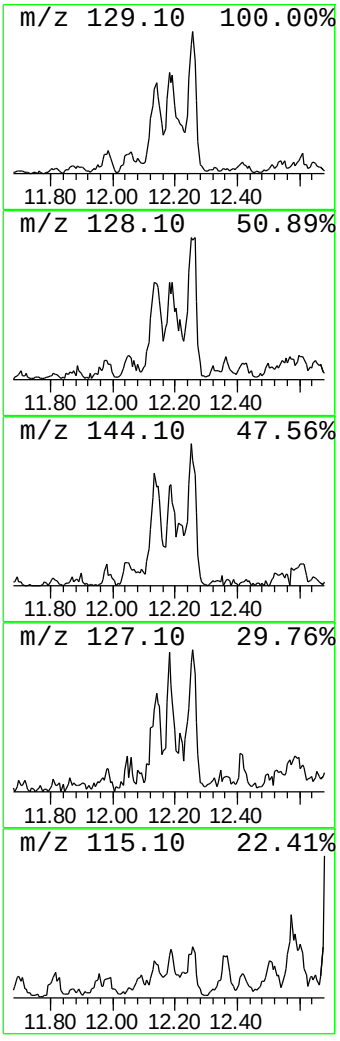
****

Peak Number 23 1H-Indene, 2,3-dimethyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	4.91 ng/ul	142009	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	83
2	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	80
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	80
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	72
5	Naphthalene, 1,2-dihydro-2-methyl-	144	C11H12	021564-79-4	72





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

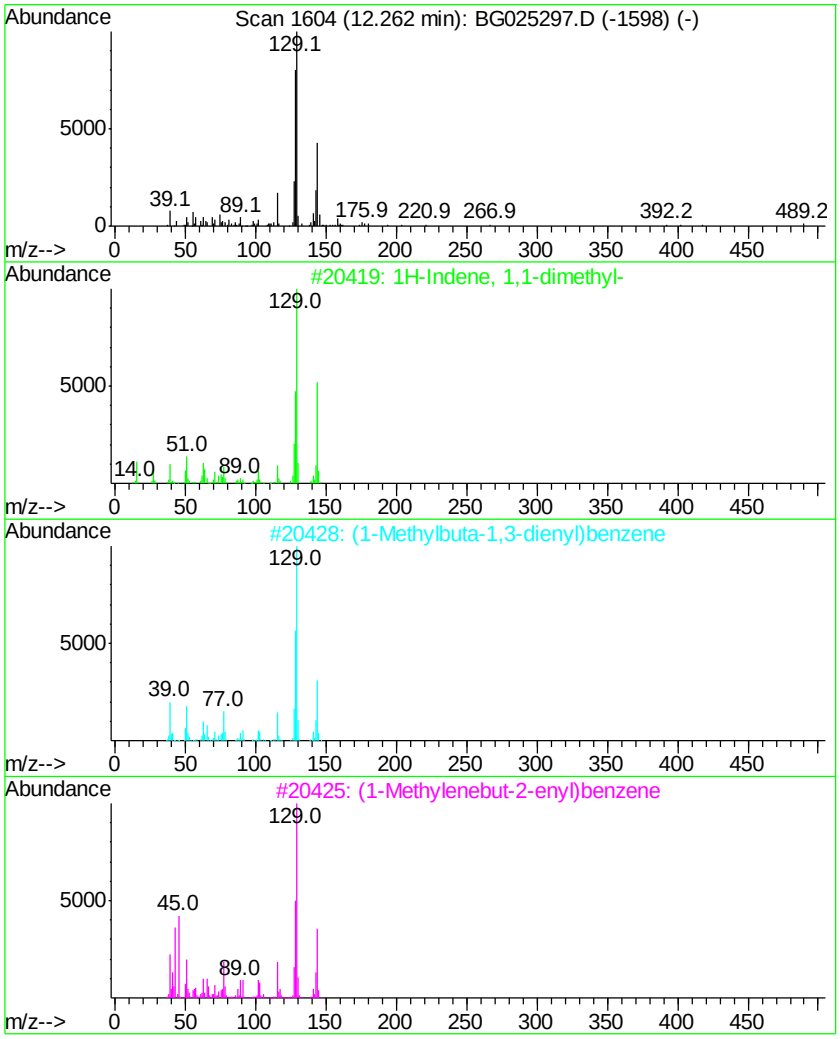
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

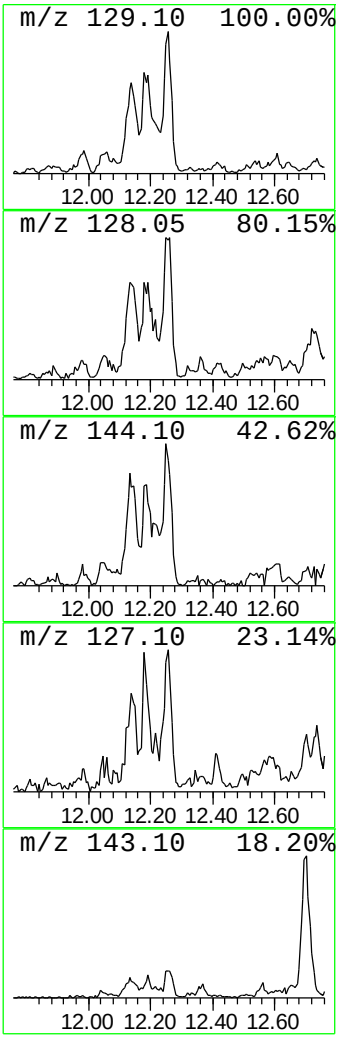
****

Peak Number 24 1H-Indene, 1,1-dimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.26	11.98 ng/ul	346162	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	91
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	91
3	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	91
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	90
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

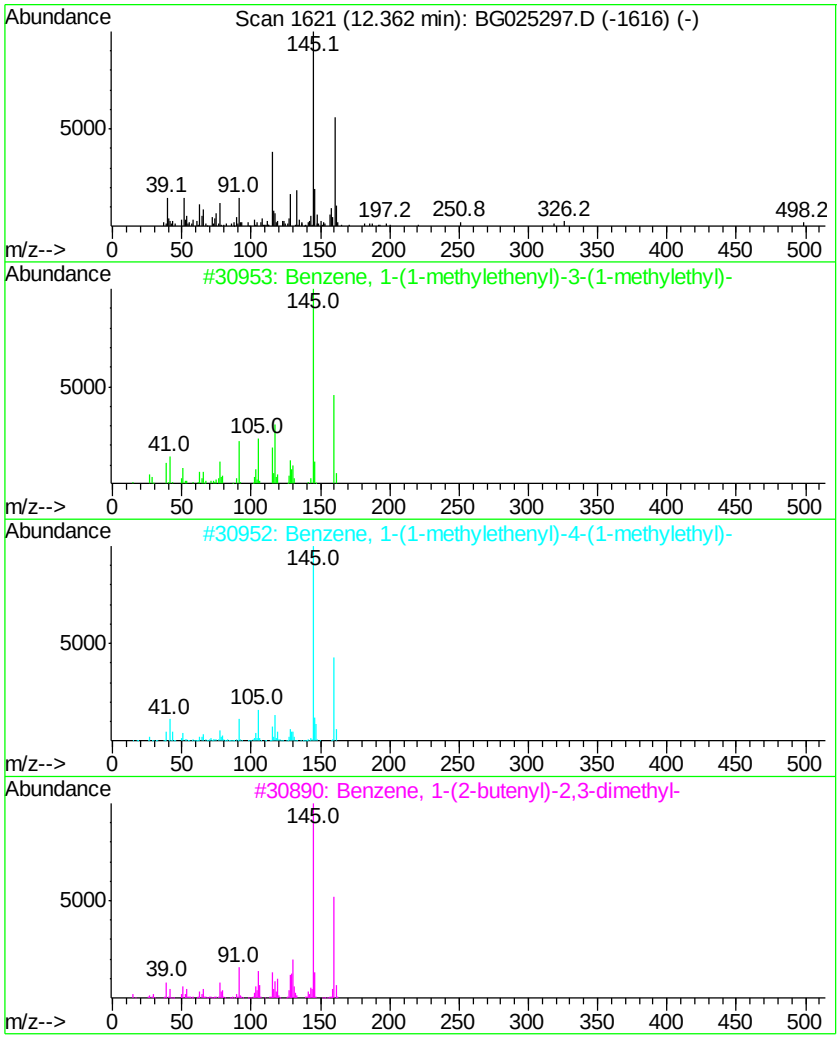
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

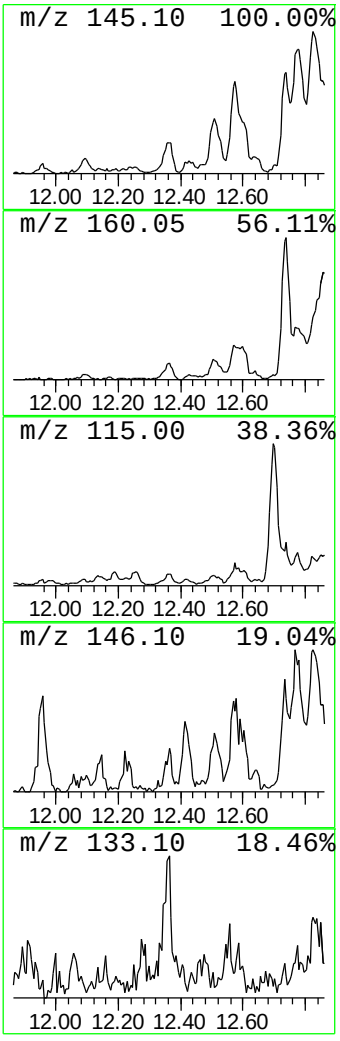
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 Benzene, 1-(1-methylethenyl... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	5.21 ng/ul	150577	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	53
2	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	52
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	52
4	Silane, methyltripropynyl-	160	C10H12Si	1000158-62-1	52
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	52





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

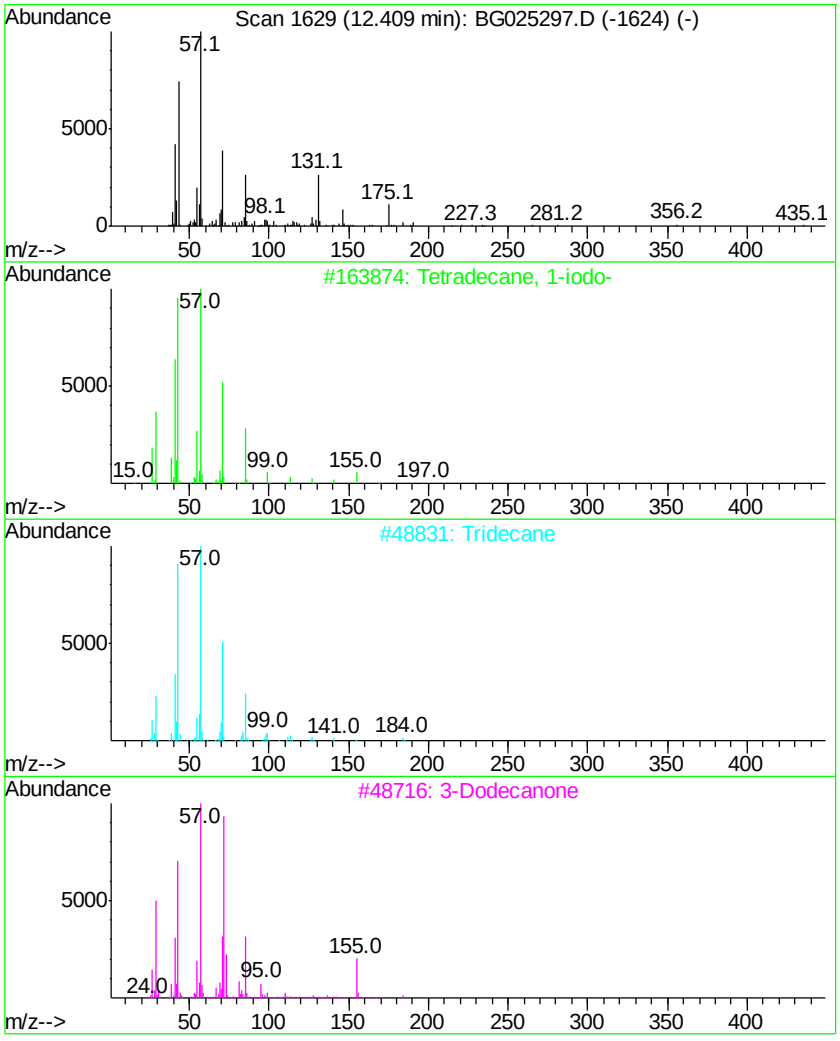
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

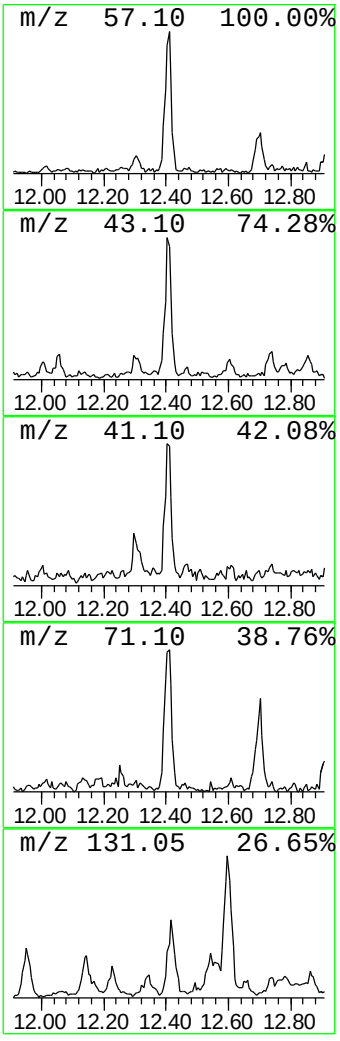
****

Peak Number 26 Tetradecane, 1-iodo- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	13.68 ng/ul	395348	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	50
2	Tridecane	184	C13H28	000629-50-5	49
3	3-Dodecanone	184	C12H24O	001534-27-6	47
4	Tridecane, 3-methyl-	198	C14H30	006418-41-3	47
5	Dodecane, 2-methyl-	184	C13H28	001560-97-0	46





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

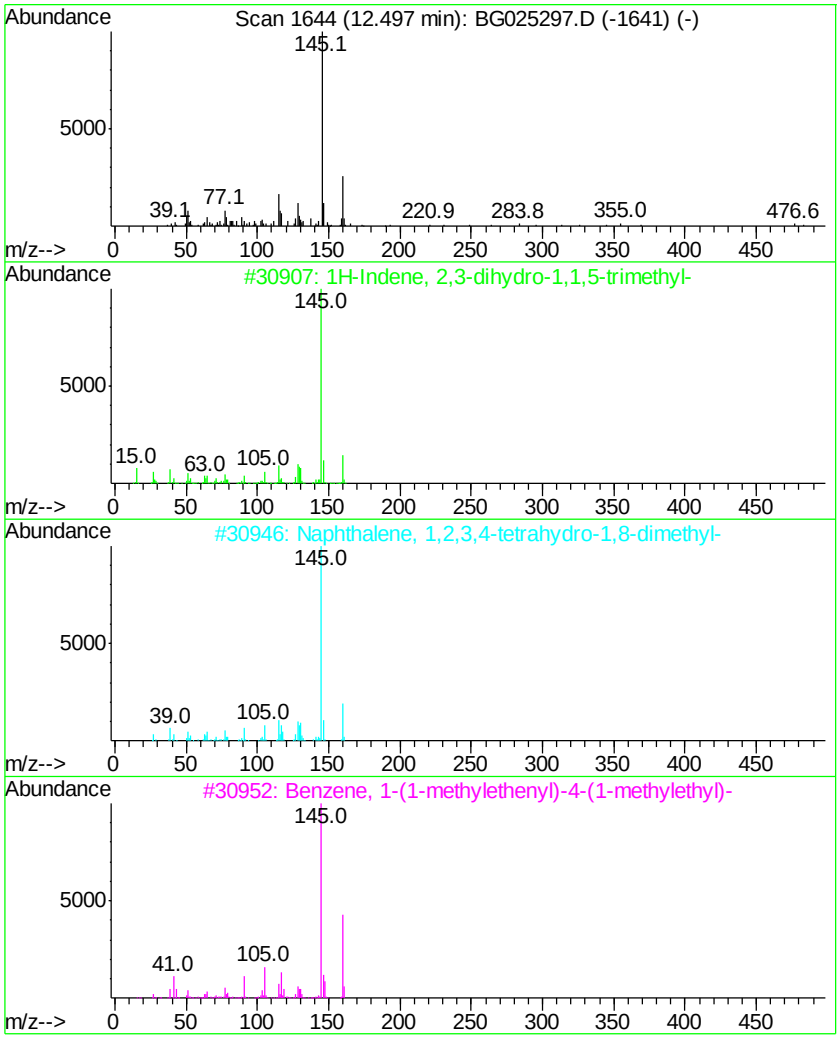
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

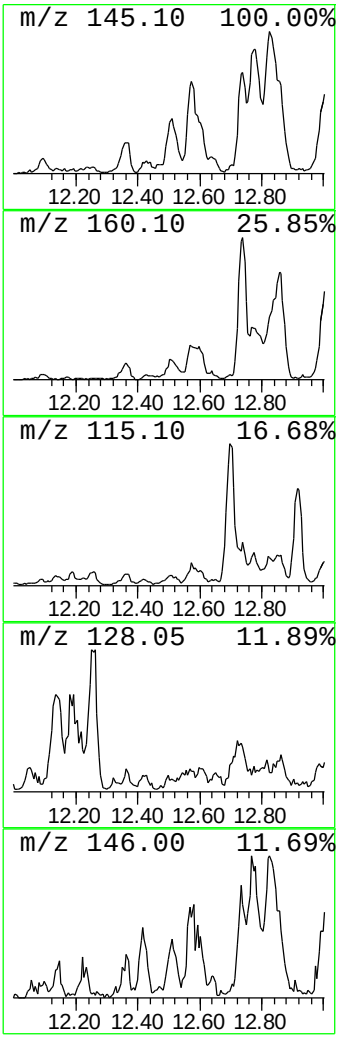
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.91 ng/ul	170977	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	90
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	86
3	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	80
4	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	80
5	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

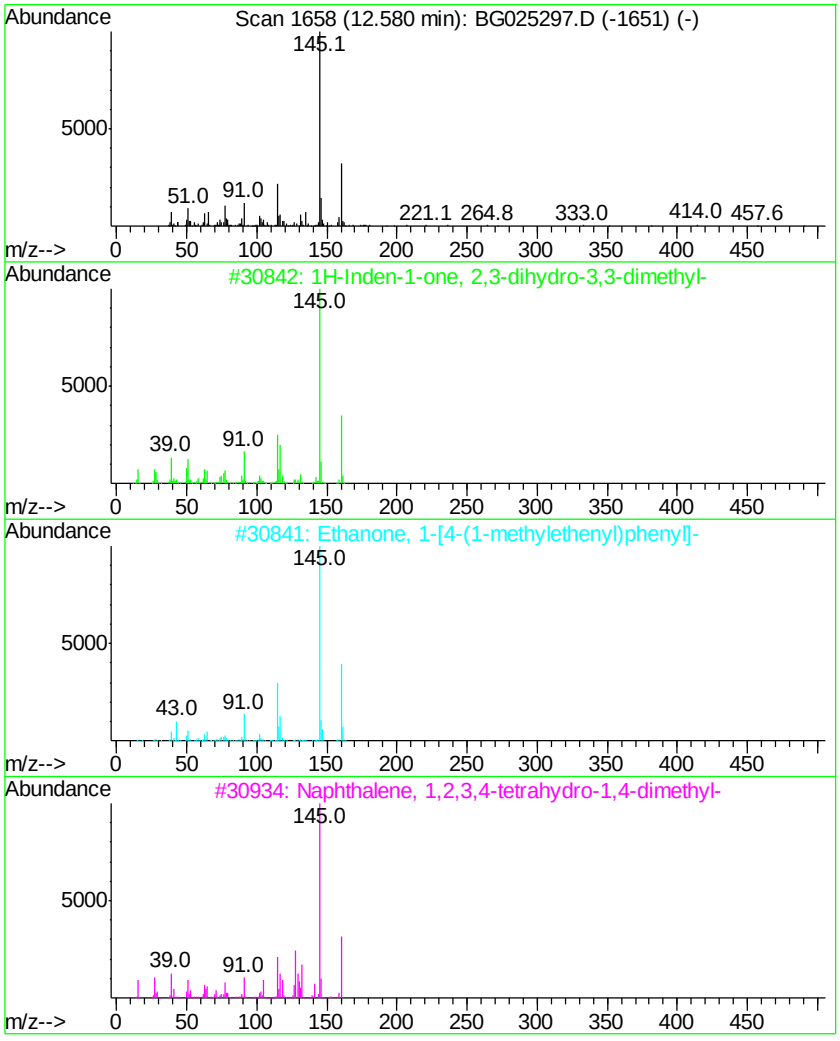
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

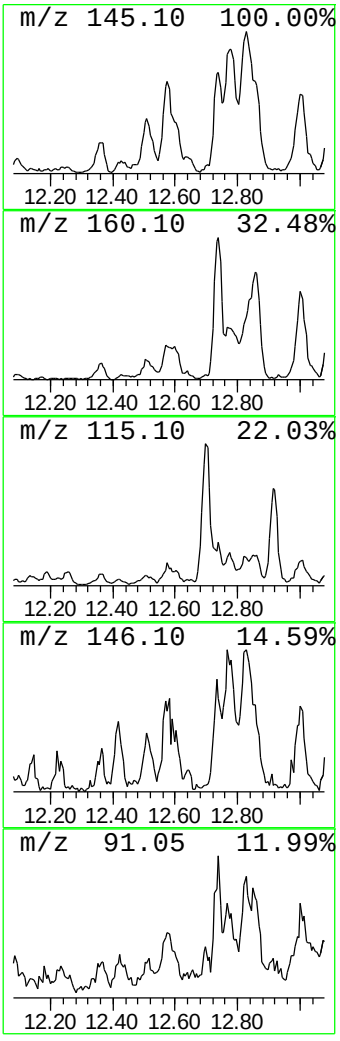
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	10.87 ng/ul	314143	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	87
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	83
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	004175-54-6	80
4	Indene, 1,1-dimethyl-1-sila-	160	C10H12Si	058310-24-0	64
5	5-Isopropyl-2-methylphenethyl ac...	220	C14H20O2	027913-43-5	59





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

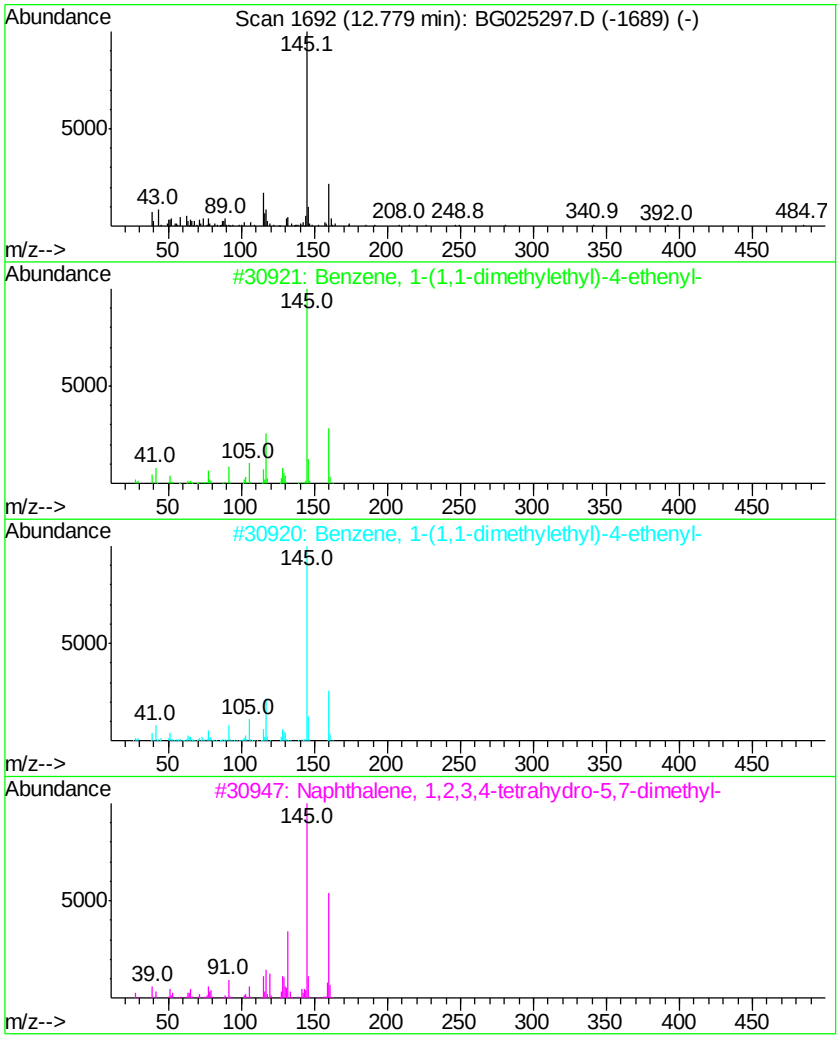
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

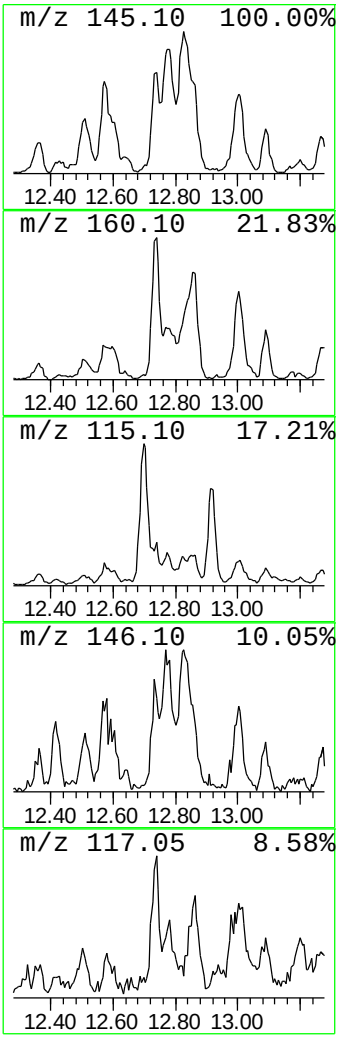
****

Peak Number 29 Benzene, 1-(1,1-dimethyleth... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.78	5.49 ng/ul	158660	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	80
2	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	80
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	78
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	78
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	78





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

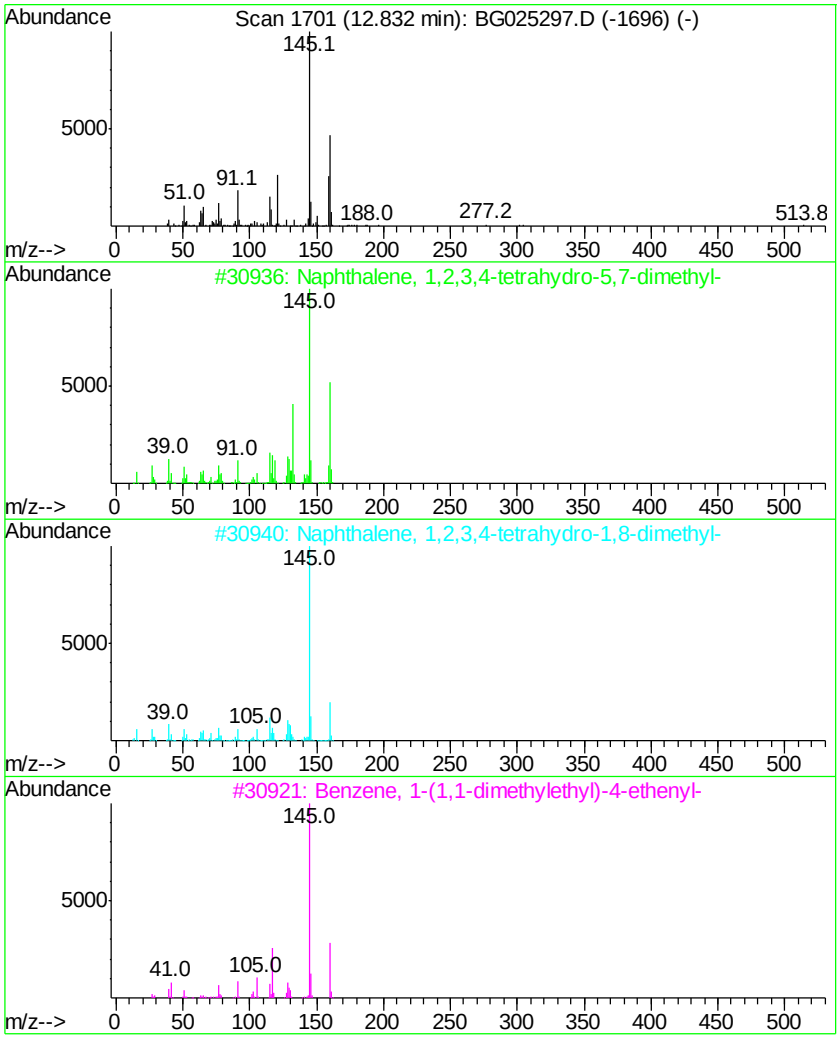
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

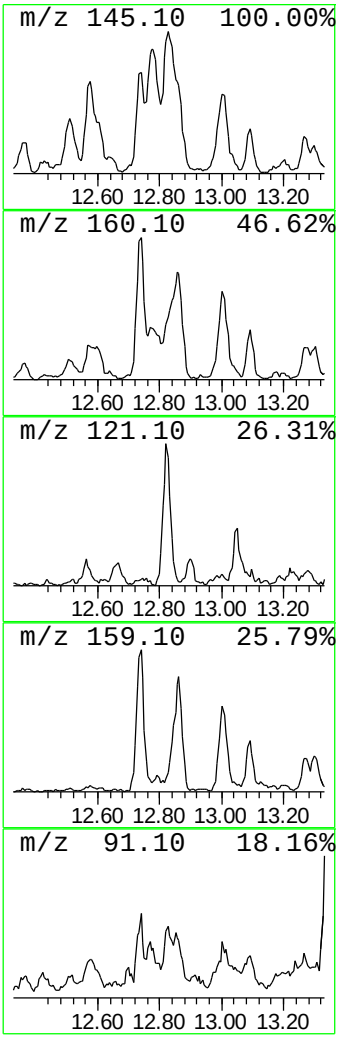
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 30 Naphthalene, 1,2,3,4-tetrah... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	12.68 ng/ul	366527	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	64
3	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	59
4	1H-Indene, 2,3-dihydro-4,5,7-tri...	160	C12H16	006682-06-0	59
5	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	58





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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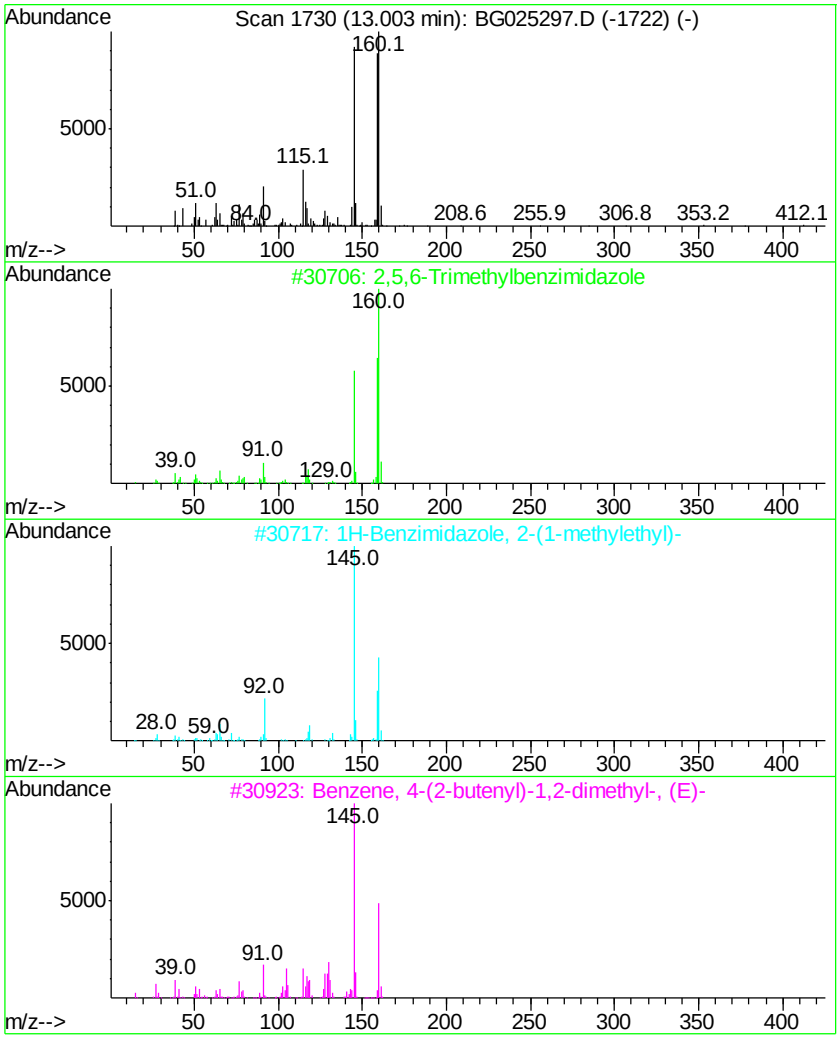
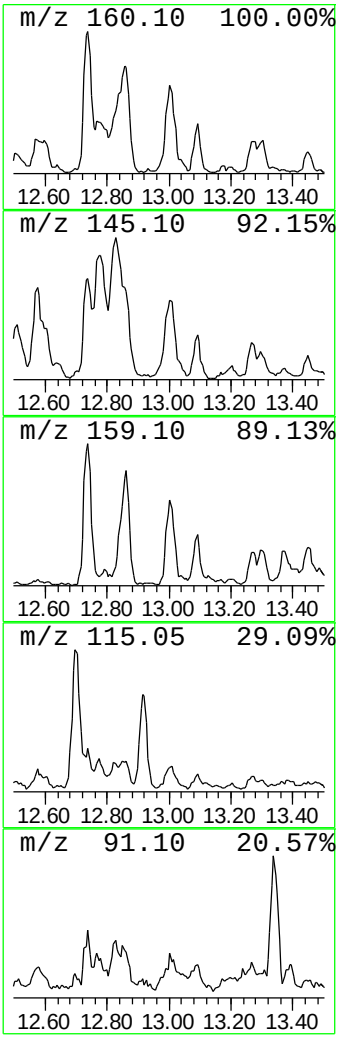
Peak Number 32 2,5,6-Trimethylbenzimidazole Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.00	20.85 ng/ul	816848	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	90
2	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	58
3	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	49
4	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	49
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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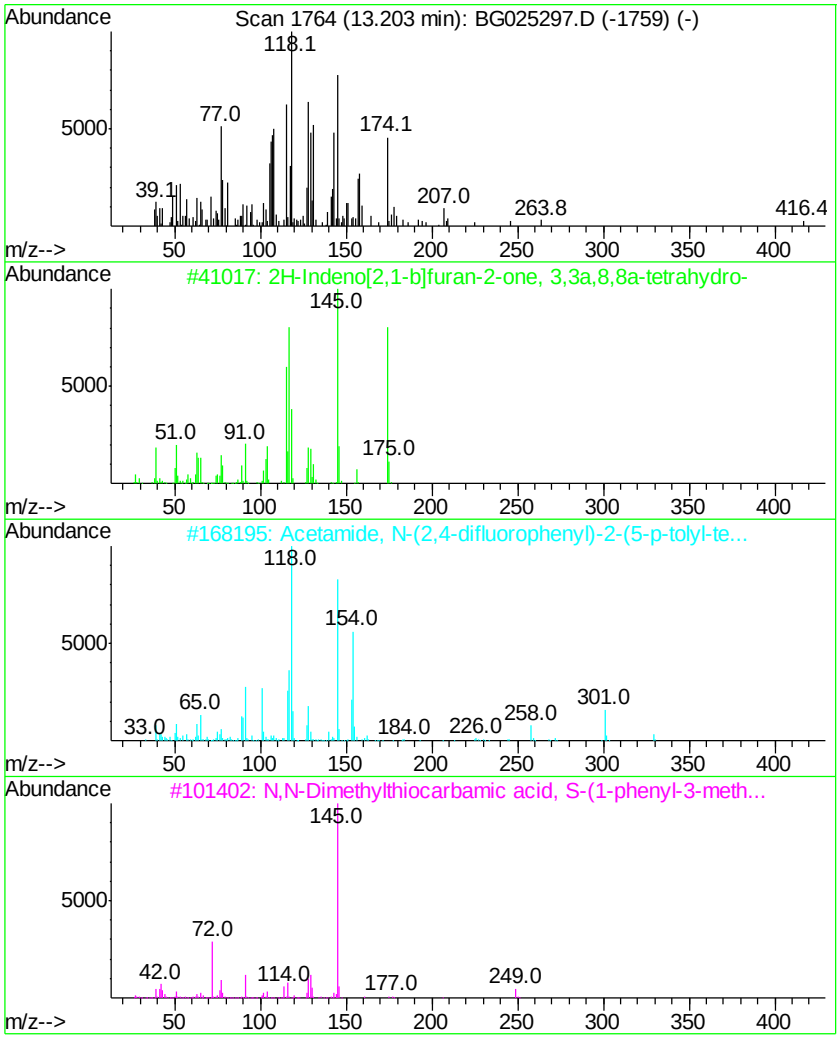
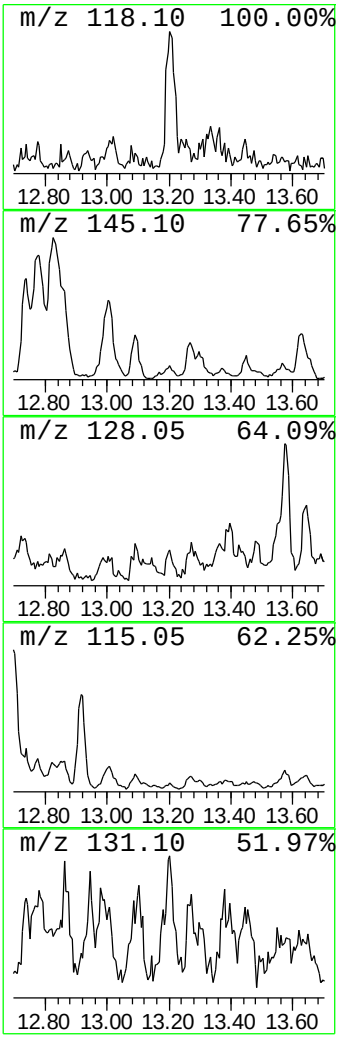
Peak Number 34 unknown-02 Concentration Rank 73

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.20	4.18 ng/ul	163648	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2H-Indeno[2,1-b]furan-2-one, 3,3...	174	C11H10O2	080343-98-2	12
2	Acetamide, N-(2,4-difluorophenyl...	329	C16H13F2N5O	1000302-43-5	10
3	N,N-Dimethylthiocarbamic acid, S...	249	C14H19NOS	1000196-46-8	9
4	2-Pentyne-1,5-diol, 1,5-diphenyl...	252	C17H16O2	042512-63-0	9
5	2-(Trifluoromethyl)benzylamine	175	C8H8F3N	003048-01-9	9





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

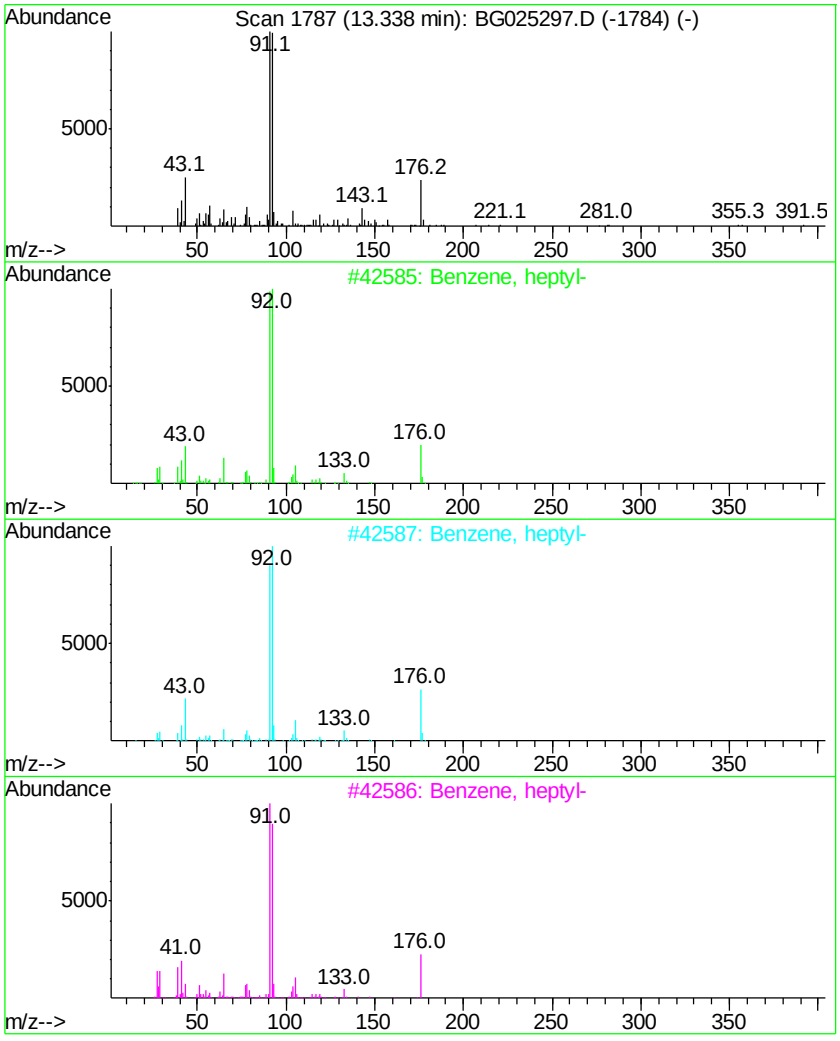
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

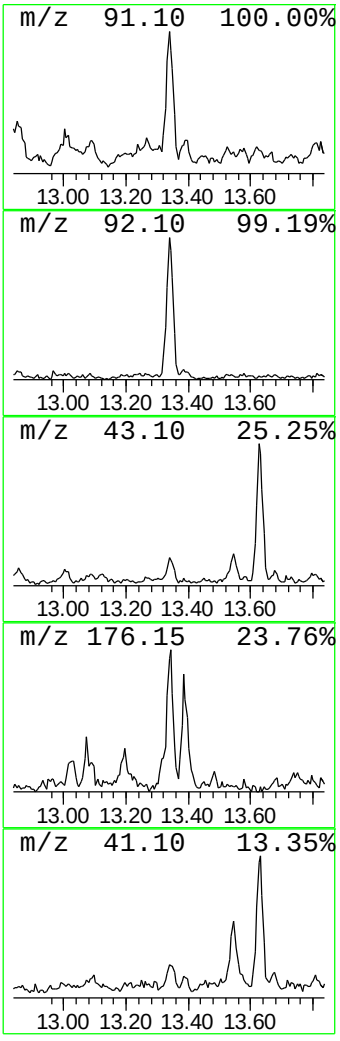
****

Peak Number 36 Benzene, heptyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.34	5.42 ng/ul	212407	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, heptyl-	176	C13H20	001078-71-3	72
2	Benzene, heptyl-	176	C13H20	001078-71-3	64
3	Benzene, heptyl-	176	C13H20	001078-71-3	64
4	3-(Phenylhydrazono)-2-butanone	176	C10H12N2O	013732-32-6	53
5	Benzene, undecyl-	232	C17H28	006742-54-7	50





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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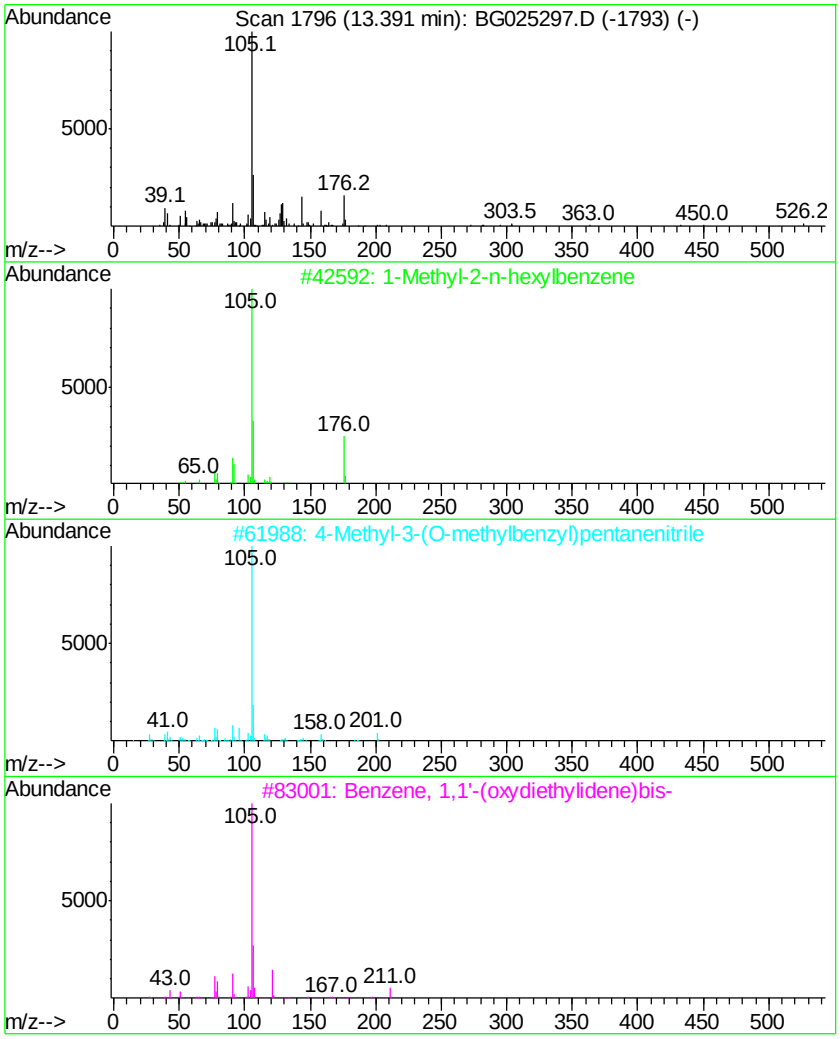
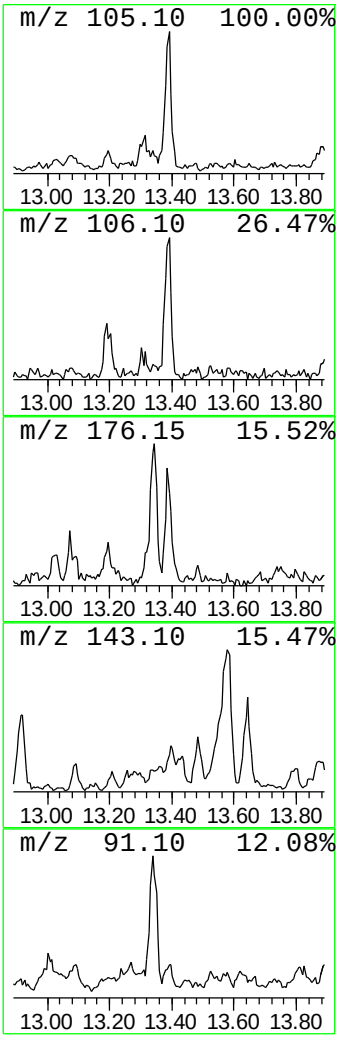
Peak Number 37 unknown-03 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	5.45 ng/ul	213292	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyl-2-n-hexylbenzene	176	C13H20	001595-10-4	38
2	4-Methyl-3-(O-methylbenzyl)penta...	201	C14H19N	029107-40-2	35
3	Benzene, 1,1'-(oxydiethylidene)bis-	226	C16H18O	000093-96-9	25
4	Benzene, (1-methylhexyl)-	176	C13H20	002132-84-5	25
5	(4-Methylphenyl) methanol, 1-met...	178	C12H18O	1000374-65-6	25





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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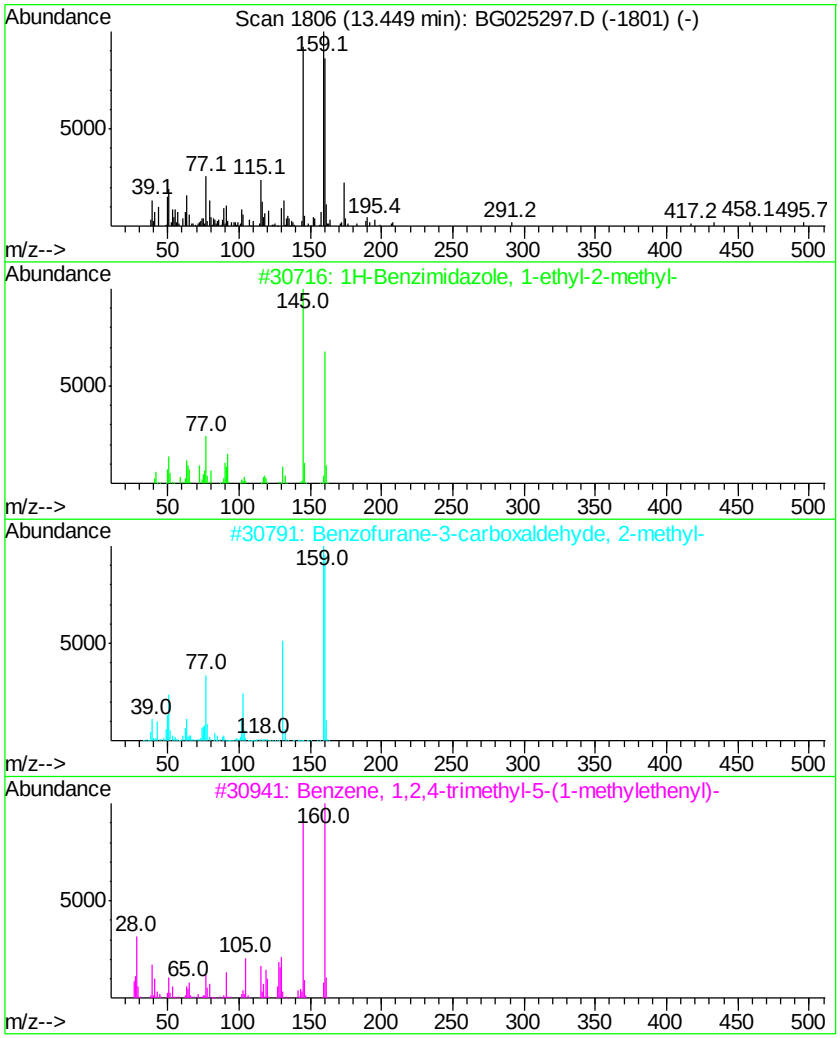
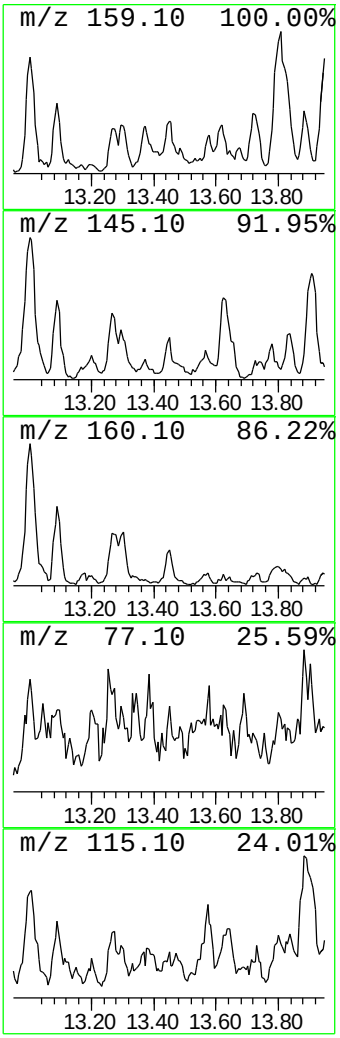
Peak Number 38 unknown-04 Concentration Rank 70

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	4.28 ng/ul	167492	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	49
2	Benzofurane-3-carboxaldehyde, 2-...	160	C10H8O2	055581-61-8	46
3	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	38
4	1H-Inden-1-one, 2,3-dihydro-5,7-...	160	C11H12O	006682-69-5	38
5	1-Naphthalenamine, 5,6,7,8-tetra...	175	C12H17N	013541-35-0	38





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

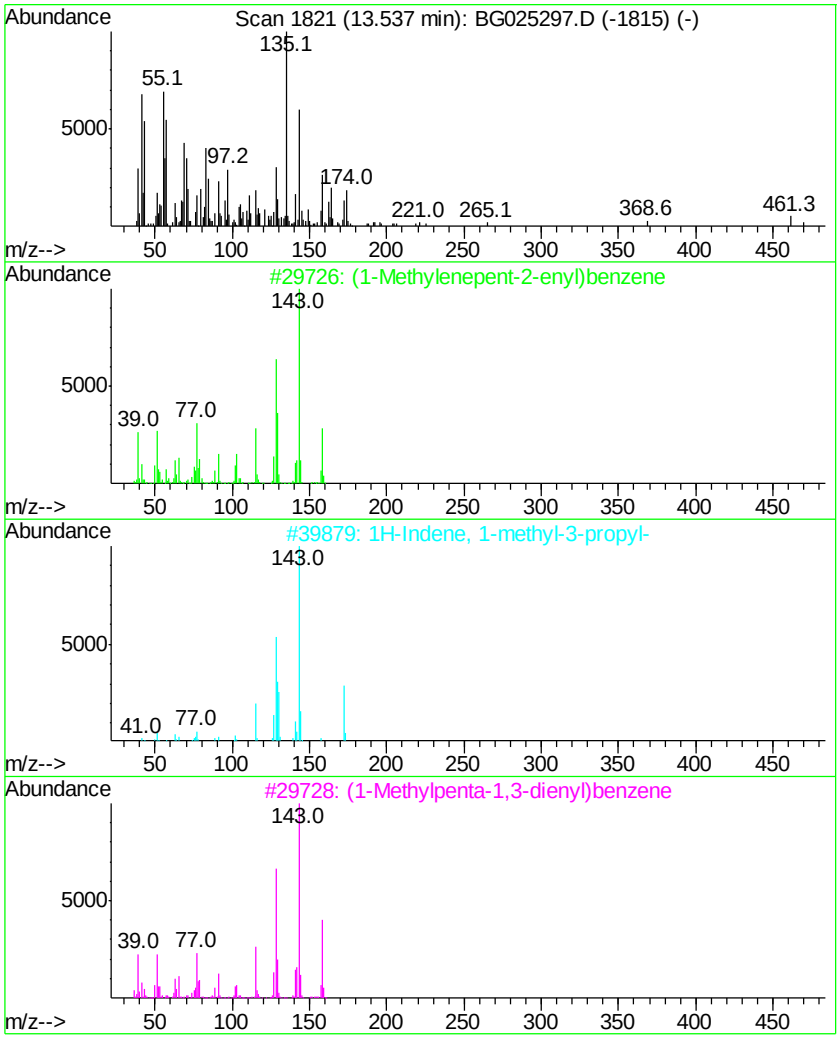
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

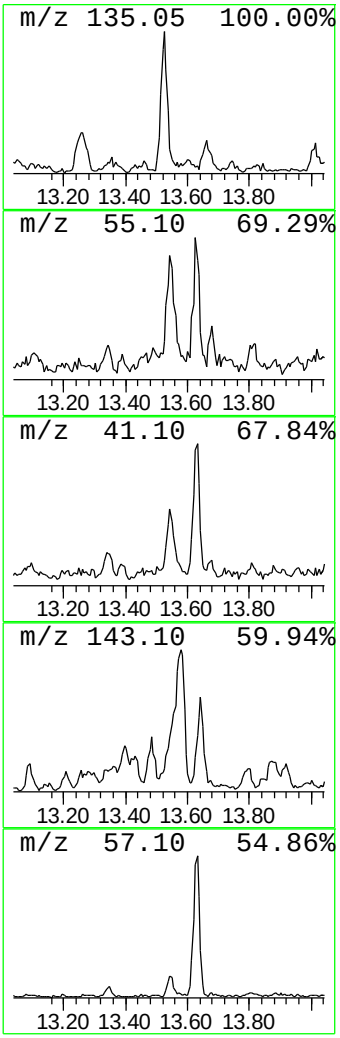
****

Peak Number 39 (1-Methylenepent-2-enyl)ben... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.54	10.89 ng/ul	426727	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylenepent-2-enyl)benzene	158	C12H14	084313-24-6	52
2	1H-Indene, 1-methyl-3-propyl-	172	C13H16	111400-83-0	49
3	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	47
4	Acetamide, N-(4-oxothiazolidin-2...	158	C5H6N2O2S	037641-15-9	27
5	2-Ethoxy-4-methyl-pent-2-enoic acid	158	C8H14O3	1000190-08-8	22





Library Search Compound Report

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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

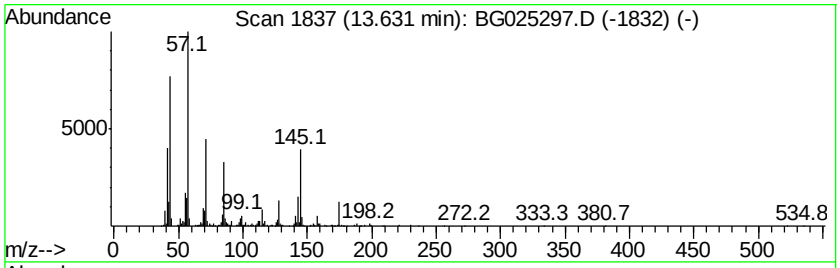
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

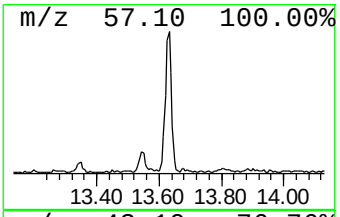
****

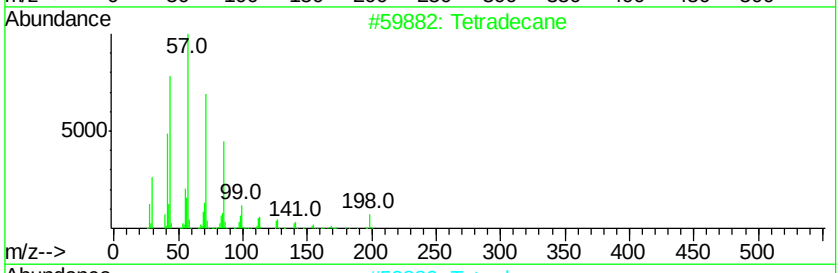
Peak Number 41 (DEL) Alkane: Straight-Chai... Concentration Rank 14

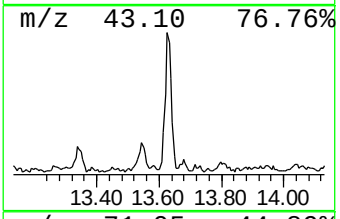
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	16.54 ng/ul	648085	Acenaphthene-d10	14.86

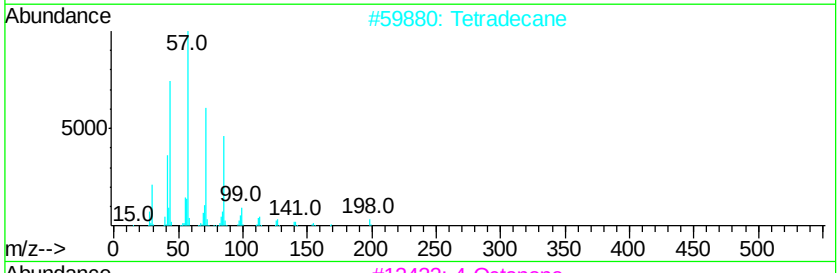
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	87
2	Tetradecane	198	C14H30	000629-59-4	64
3	4-Octanone	128	C8H16O	000589-63-9	45
4	4-Octanone	128	C8H16O	000589-63-9	43
5	Hexadecane	226	C16H34	000544-76-3	43

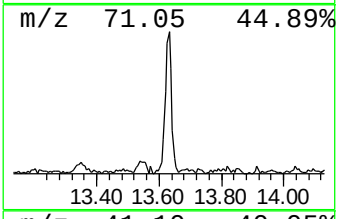


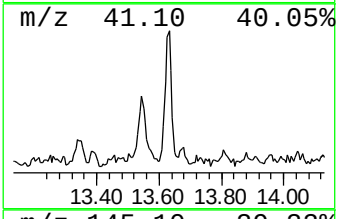


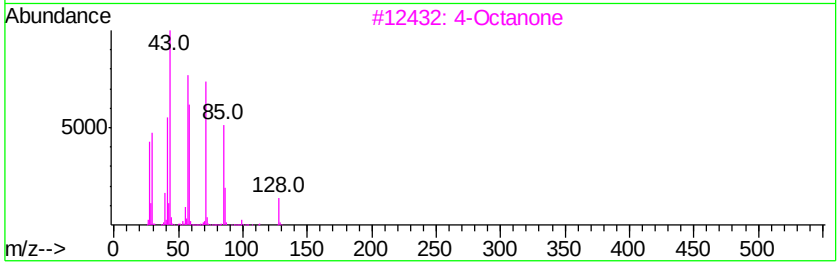


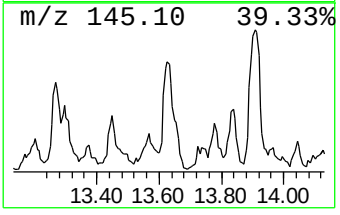












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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

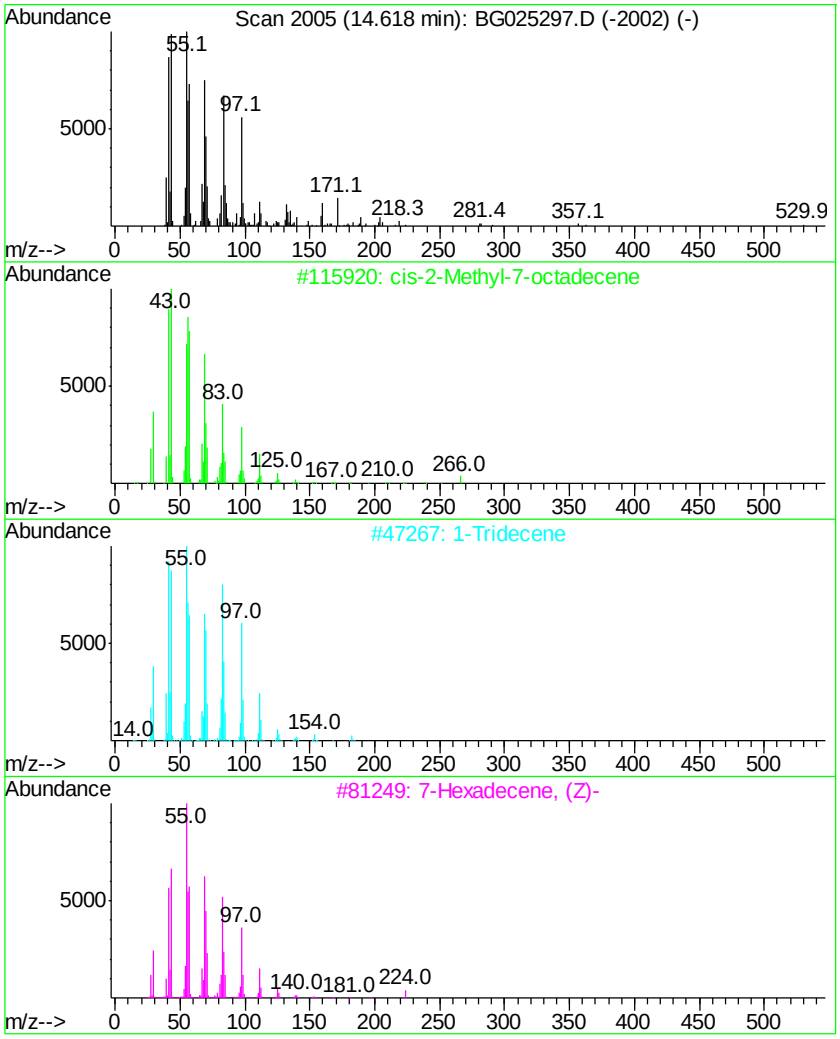
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

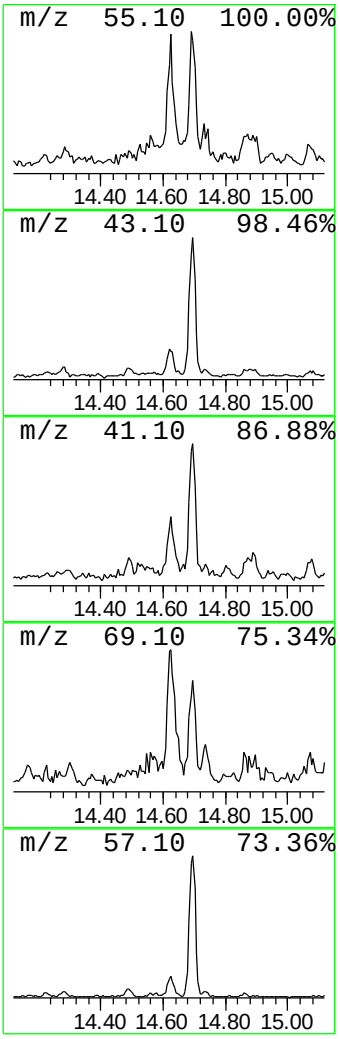
****

Peak Number 48 (DEL) Alkane: Cyclic14.62 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	7.15 ng/ul	280091	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-2-Methyl-7-octadecene	266	C19H38	035354-39-3	93
2	1-Tridecene	182	C13H26	002437-56-1	92
3	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	86
4	9-Nonadecene	266	C19H38	031035-07-1	83
5	4-Tetradecene, (E)-	196	C14H28	041446-78-0	80





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

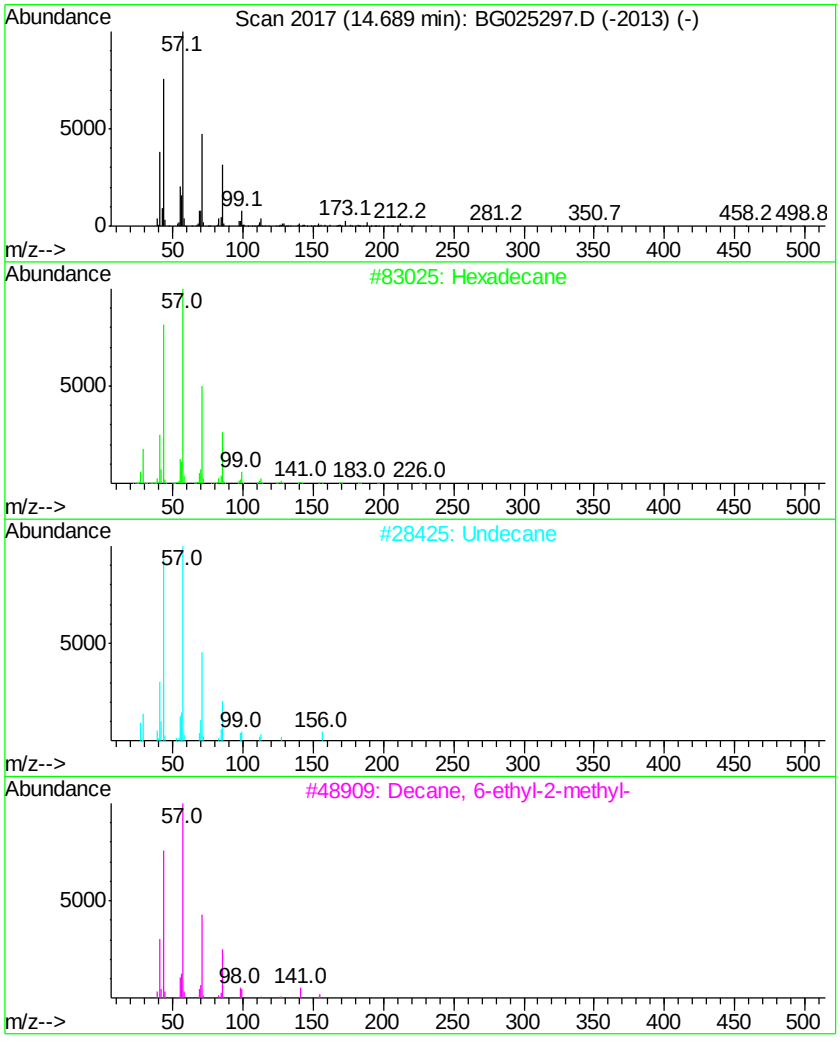
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

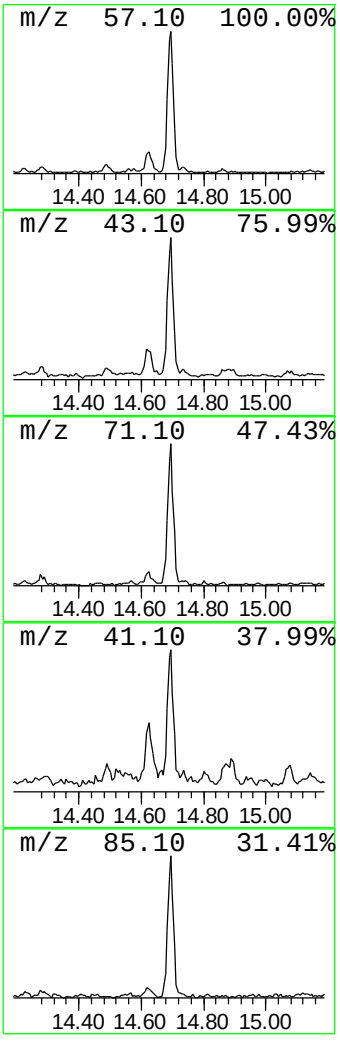
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	19.37 ng/ul	758650	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Undecane	156	C11H24	001120-21-4	86
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Tridecane	184	C13H28	000629-50-5	78
5	Undecane, 5-methyl-	170	C12H26	001632-70-8	62





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Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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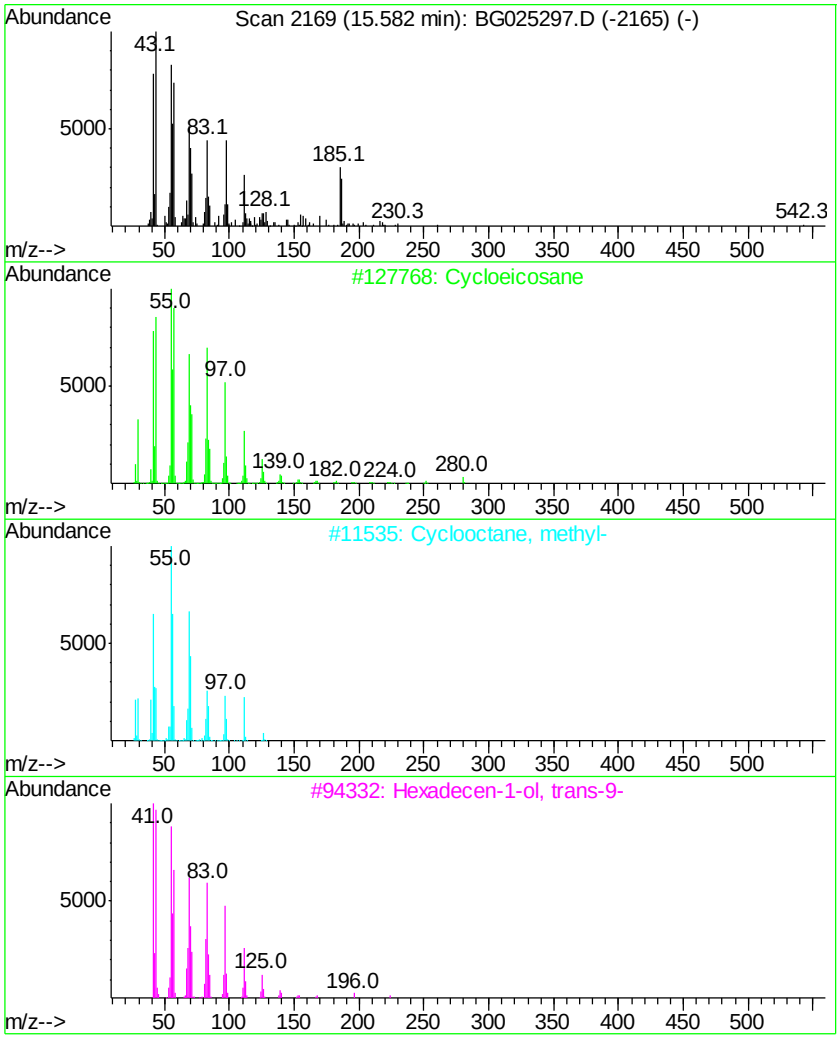
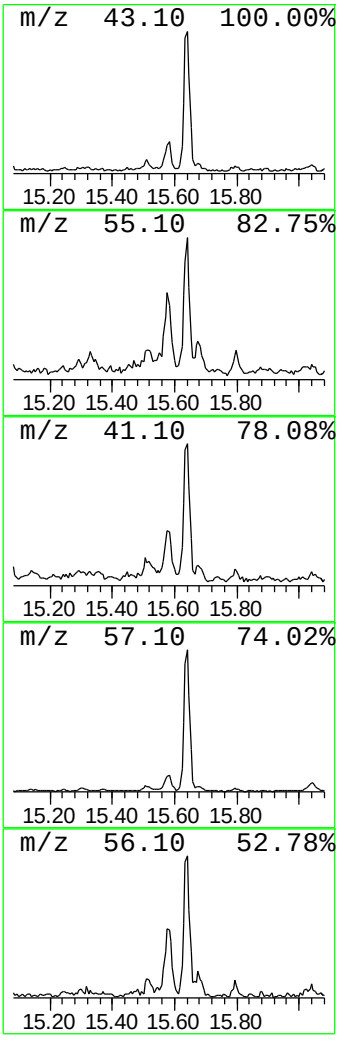
Peak Number 56 (DEL) Alkane: Cyclic15.58 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	6.64 ng/ul	260205	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	83
2	Cyclooctane, methyl-	126	C9H18	001502-38-1	80
3	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	80
4	Cetene	224	C16H32	000629-73-2	72
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	62





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Data File : BG025297.D
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Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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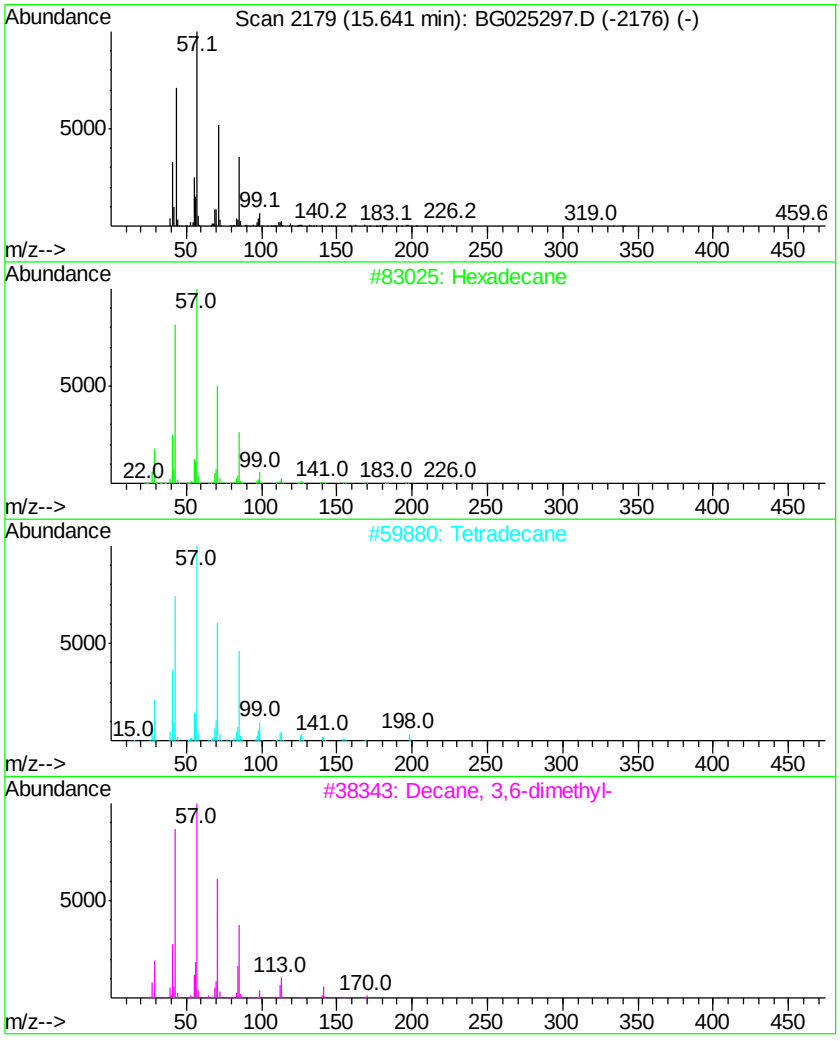
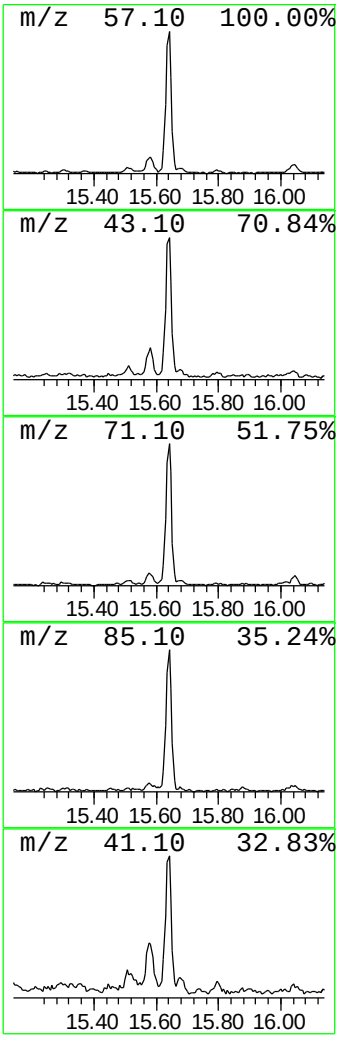
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	23.26 ng/ul	911066	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Tetradecane	198	C14H30	000629-59-4	78
3	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	64
4	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
5	1-Iodo-2-methylnonane	268	C10H21I	1000101-47-9	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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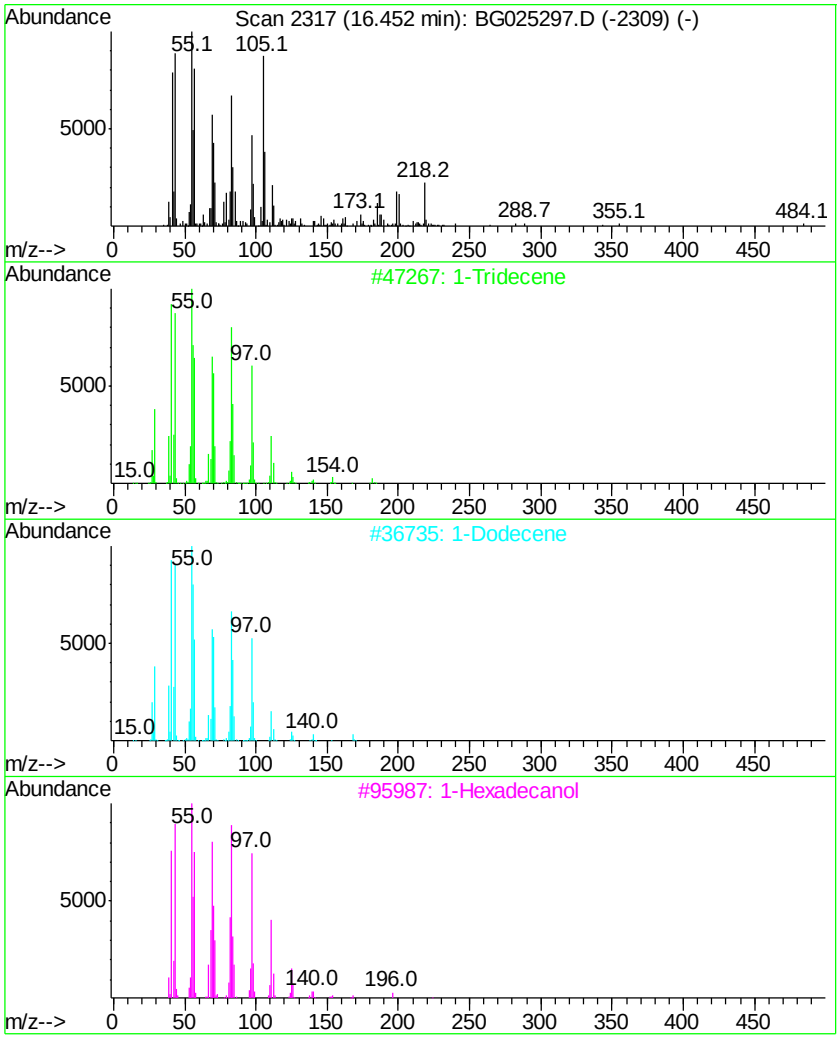
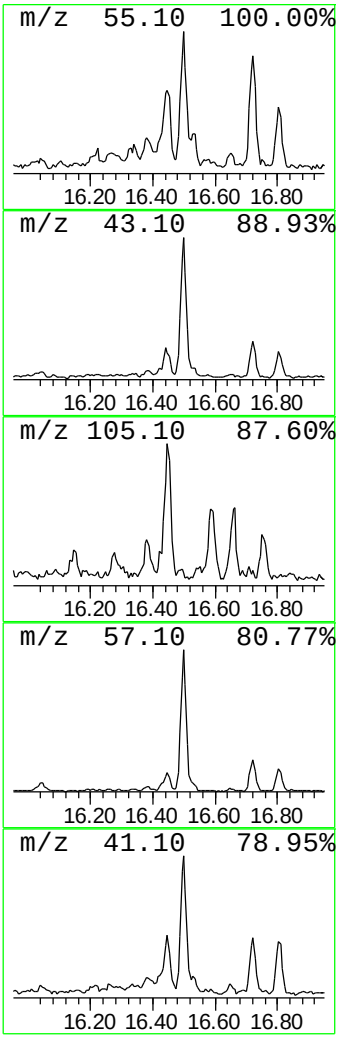
Peak Number 59 (DEL) Alkane: Cyclic16.45 Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.45	10.99 ng/ul	595983	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	78
2	1-Dodecene	168	C12H24	000112-41-4	60
3	1-Hexadecanol	242	C16H34O	036653-82-4	58
4	E-15-Heptadecenal	252	C17H32O	1000130-97-9	58
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

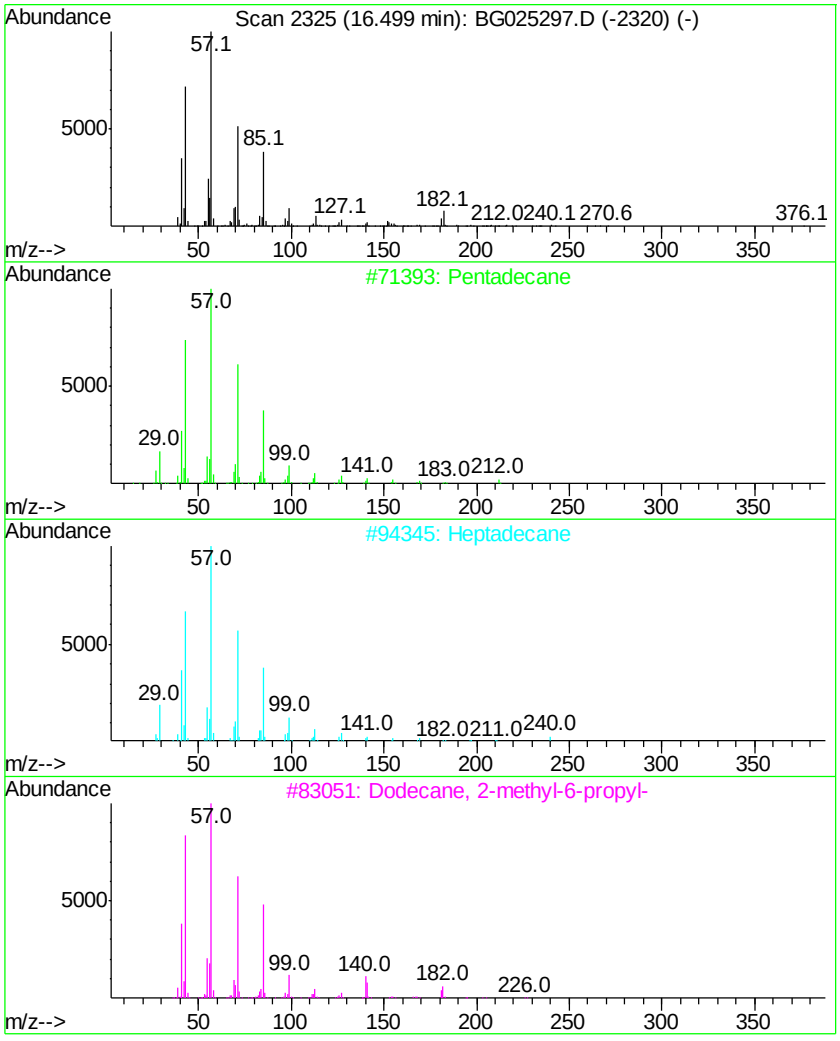
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

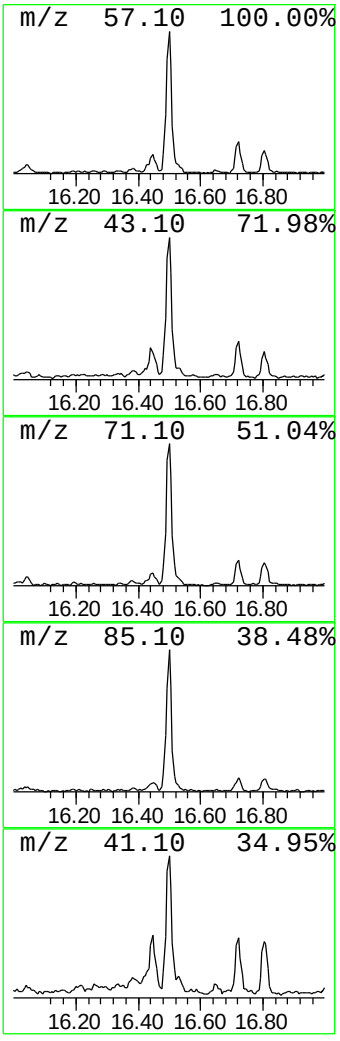
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	22.54 ng/ul	1222550	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Heptadecane	240	C17H36	000629-78-7	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90
4	Heneicosane	296	C21H44	000629-94-7	87
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

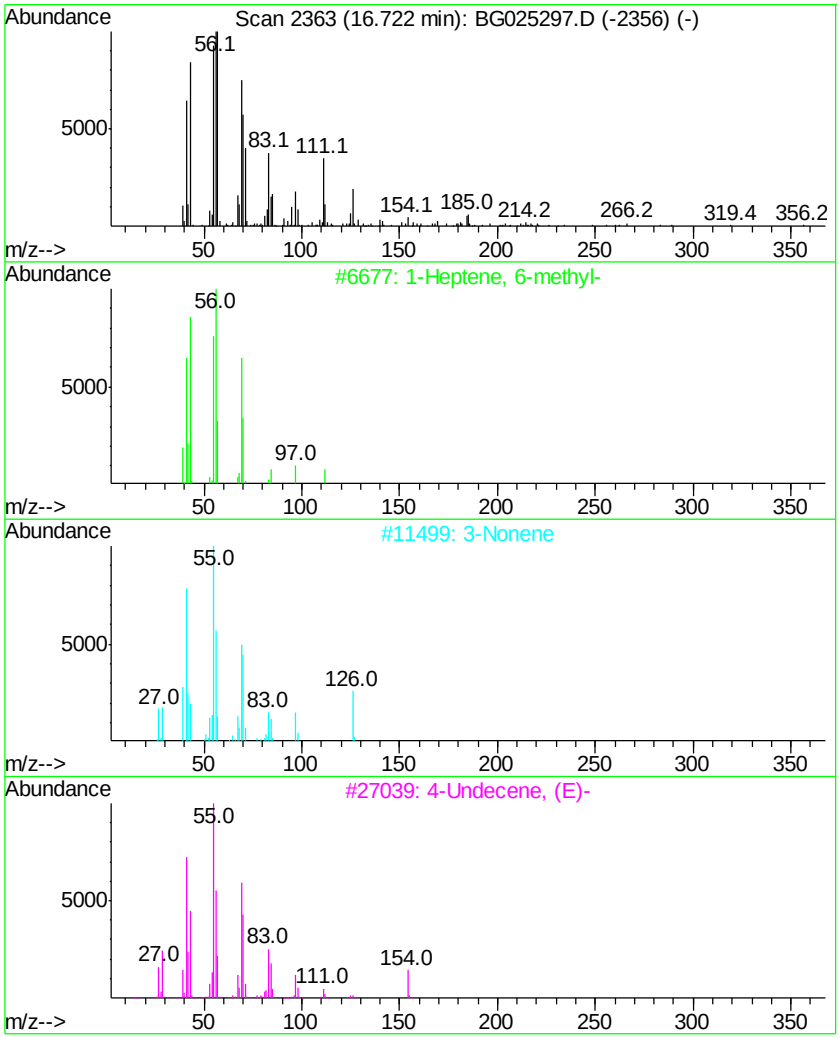
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

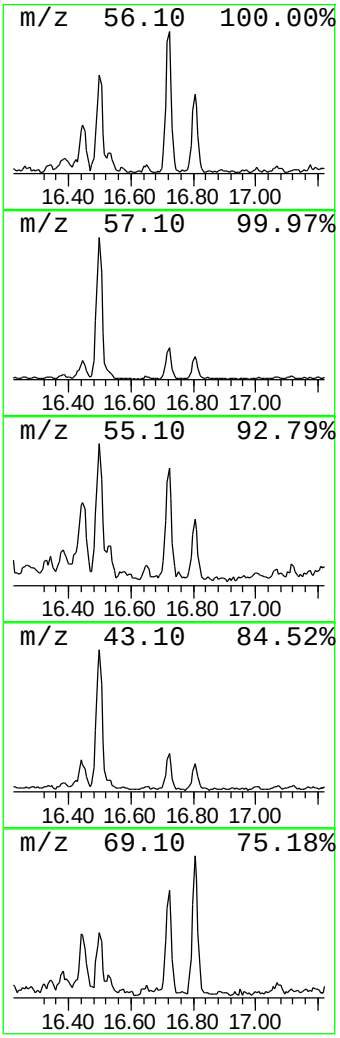
****

Peak Number 61 (DEL) Alkane: Cyclic16.72 Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	13.51 ng/ul	732572	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptene, 6-methyl-	112	C8H16	005026-76-6	70
2	3-Nonene	126	C9H18	020063-77-8	53
3	4-Undecene, (E)-	154	C11H22	000693-62-9	49
4	3-Octene, (Z)-	112	C8H16	014850-22-7	46
5	Cyclohexane, 1,2,3-trimethyl-, (...	126	C9H18	001839-88-9	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

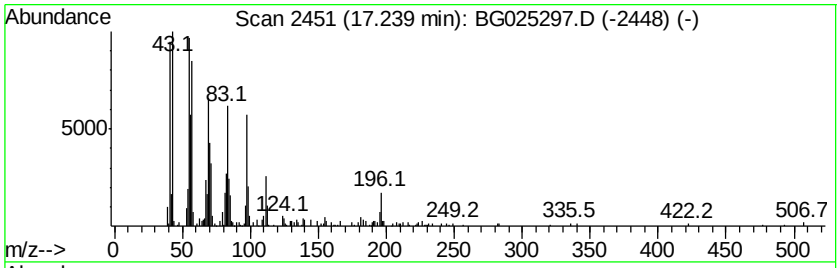
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

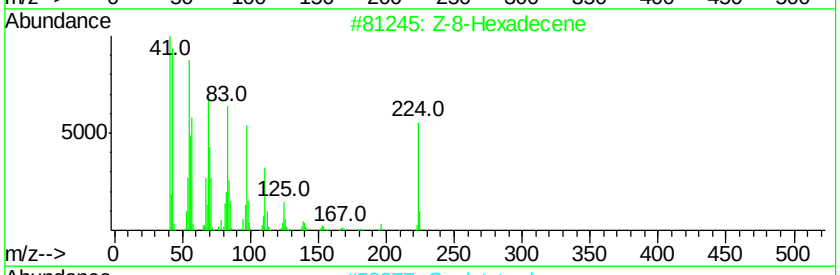
****

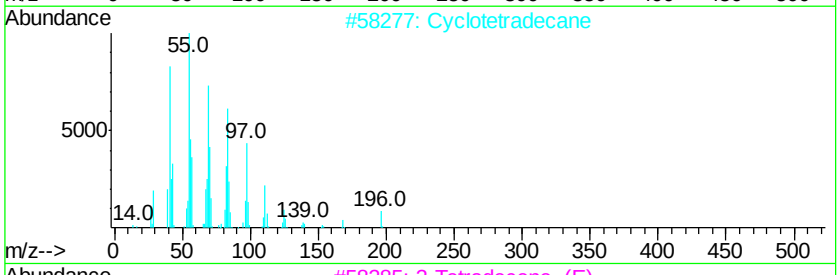
Peak Number 66 (DEL) Alkane: Cyclic17.24 Concentration Rank 56

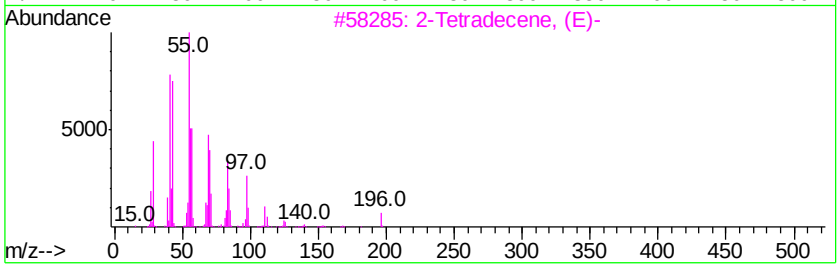
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	5.52 ng/ul	299600	Phenanthrene-d10	17.60

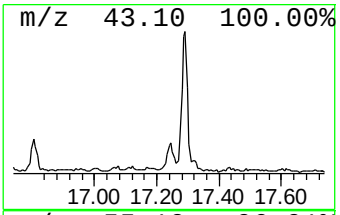
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-8-Hexadecene	224	C16H32	1000130-87-5	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	2-Tetradecene, (E)-	196	C14H28	035953-54-9	92
4	1-Octadecene	252	C18H36	000112-88-9	91
5	E-7-Octadecene	252	C18H36	1000130-92-0	91

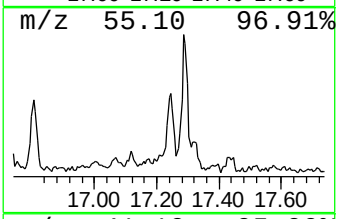


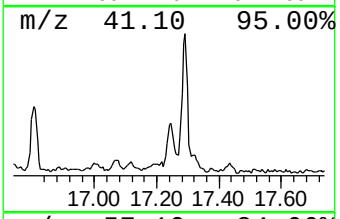


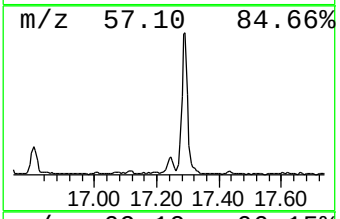


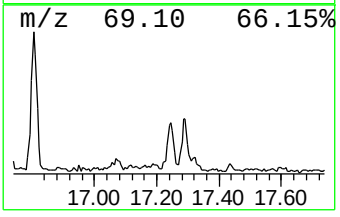












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

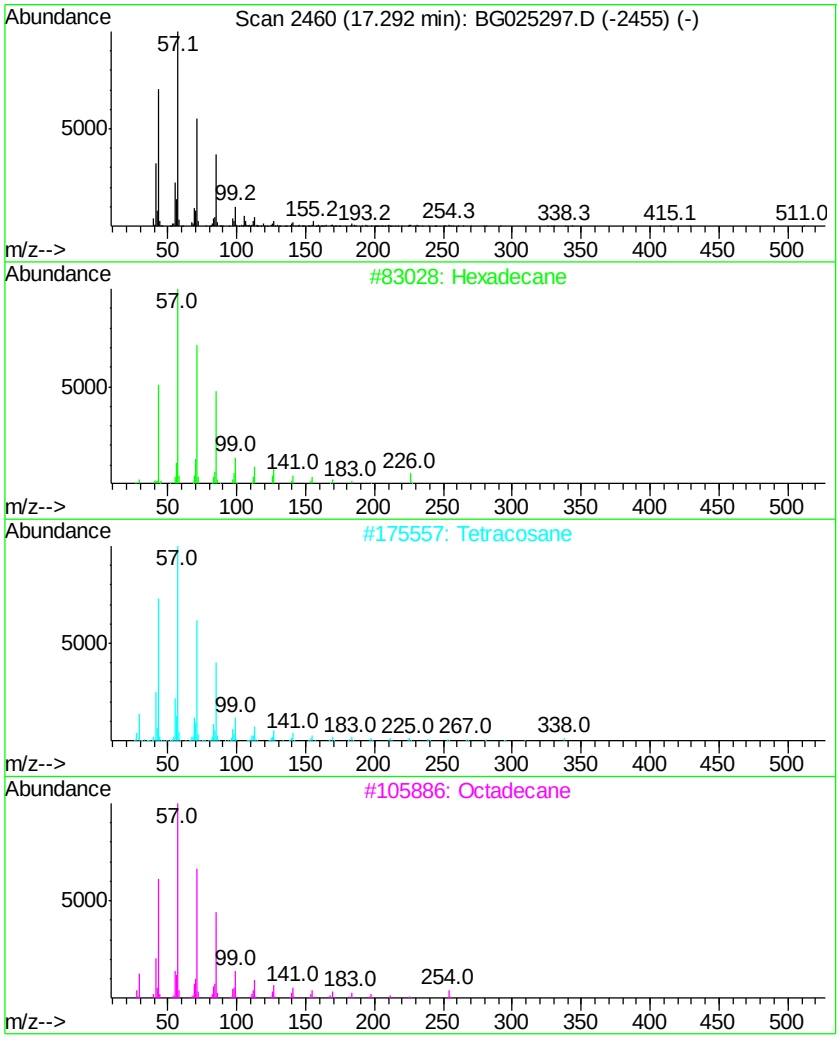
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

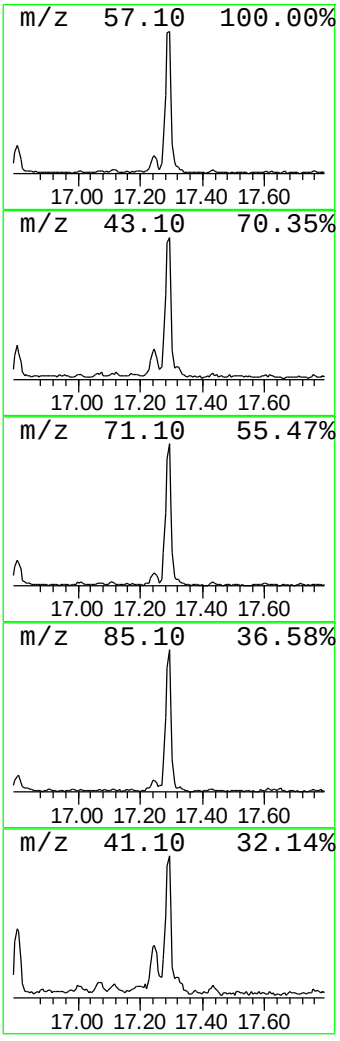
****

Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	23.04 ng/ul	1249300	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Tetracosane	338	C24H50	000646-31-1	91
3	Octadecane	254	C18H38	000593-45-3	90
4	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

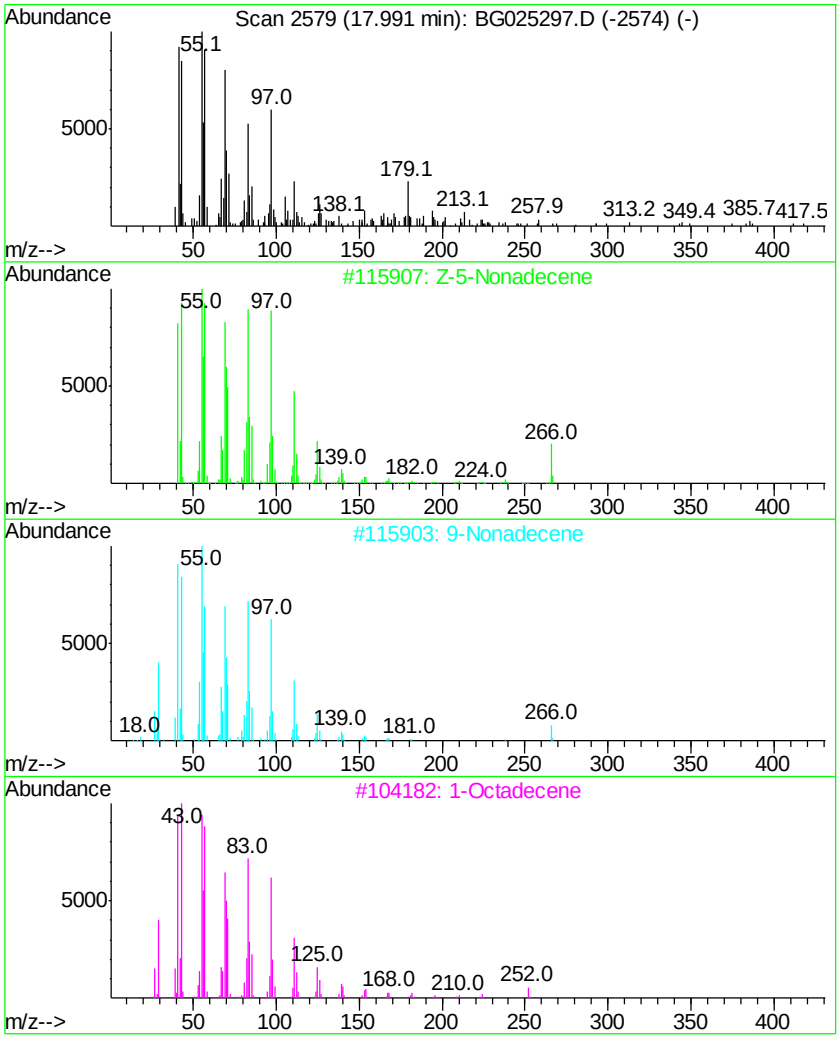
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

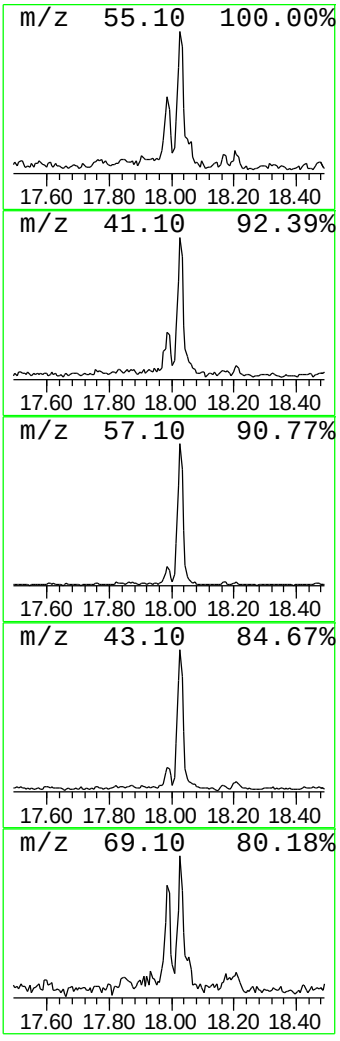
****

Peak Number 70 (DEL) Alkane: Cyclic17.99 Concentration Rank 72

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.99	4.20 ng/ul	228018	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2	9-Nonadecene	266	C19H38	031035-07-1	93
3	1-Octadecene	252	C18H36	000112-88-9	90
4	Cyclohexadecane	224	C16H32	000295-65-8	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

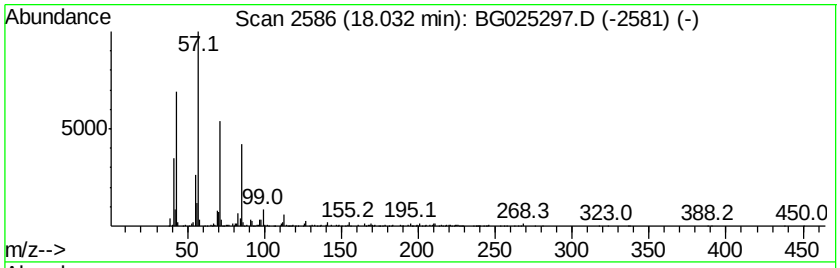
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

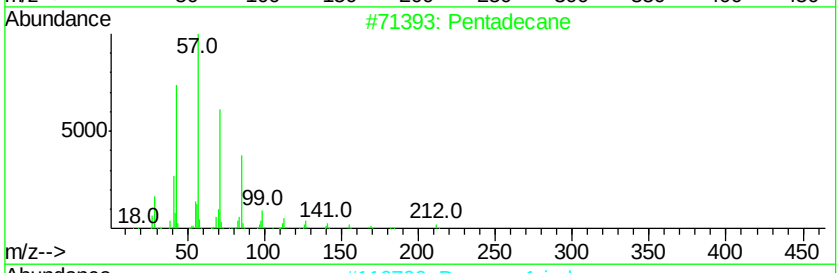
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

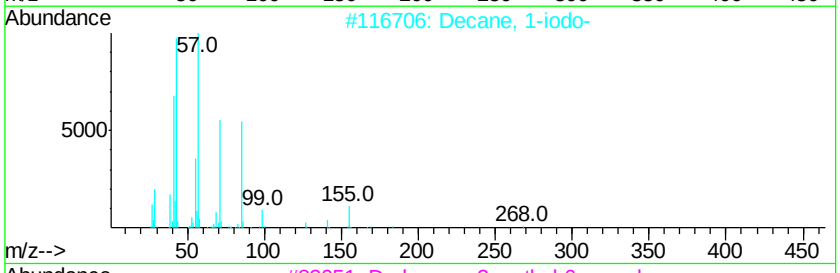
****
Peak Number 71 (DEL) Alkane: Straight-Chai... Concentration Rank 11

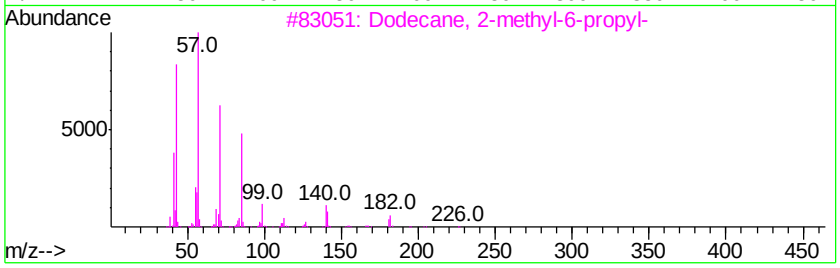
R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	19.37 ng/ul	1050370	Phenanthrene-d10	17.60

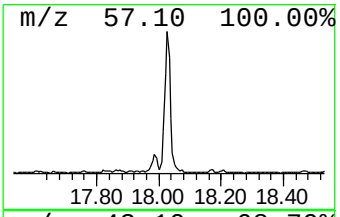
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Decane, 1-iodo-	268	C10H21I	002050-77-3	93
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	91
4	Octacosane	394	C28H58	000630-02-4	91
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90

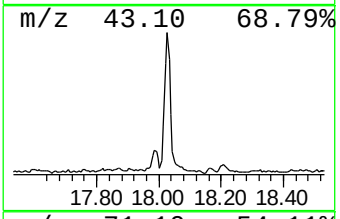


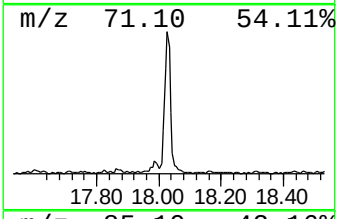


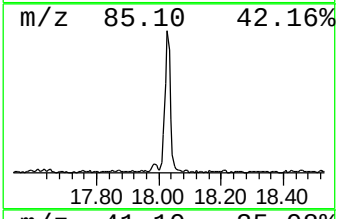


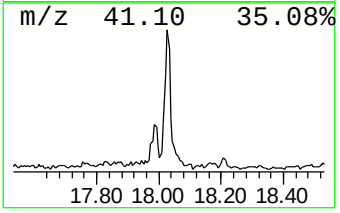












Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

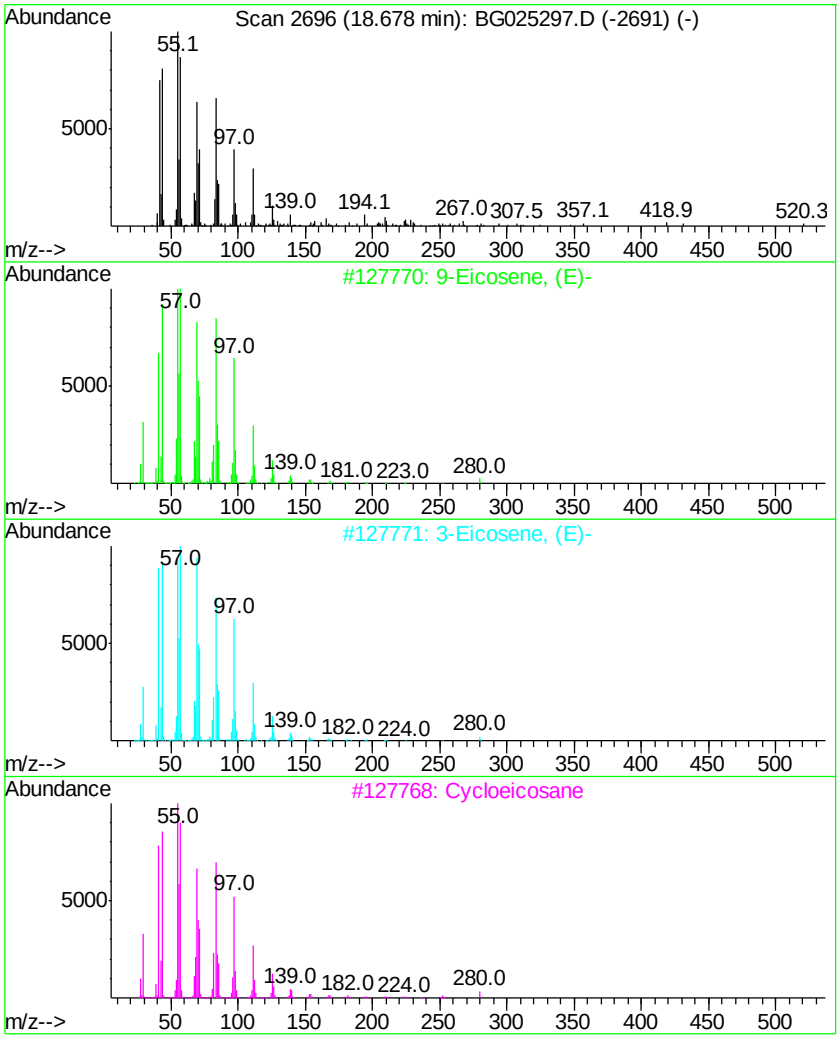
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

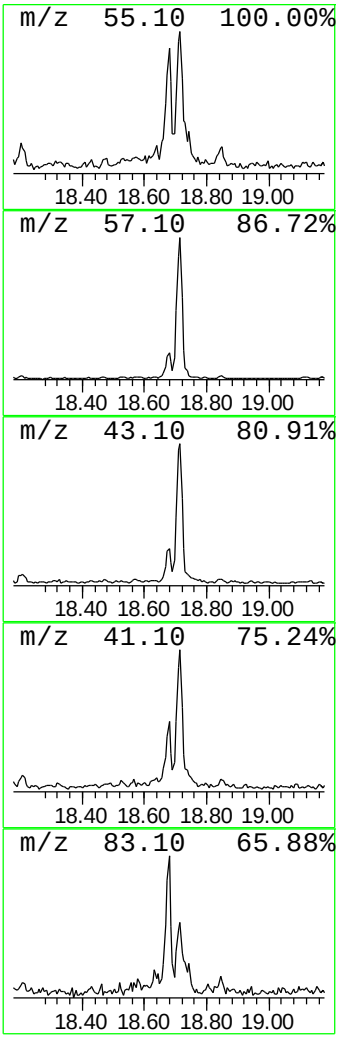
****

Peak Number 72 (DEL) Alkane: Cyclic18.68 Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	4.52 ng/ul	245191	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Cycloeicosane	280	C20H40	000296-56-0	91
4	Cetene	224	C16H32	000629-73-2	89
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

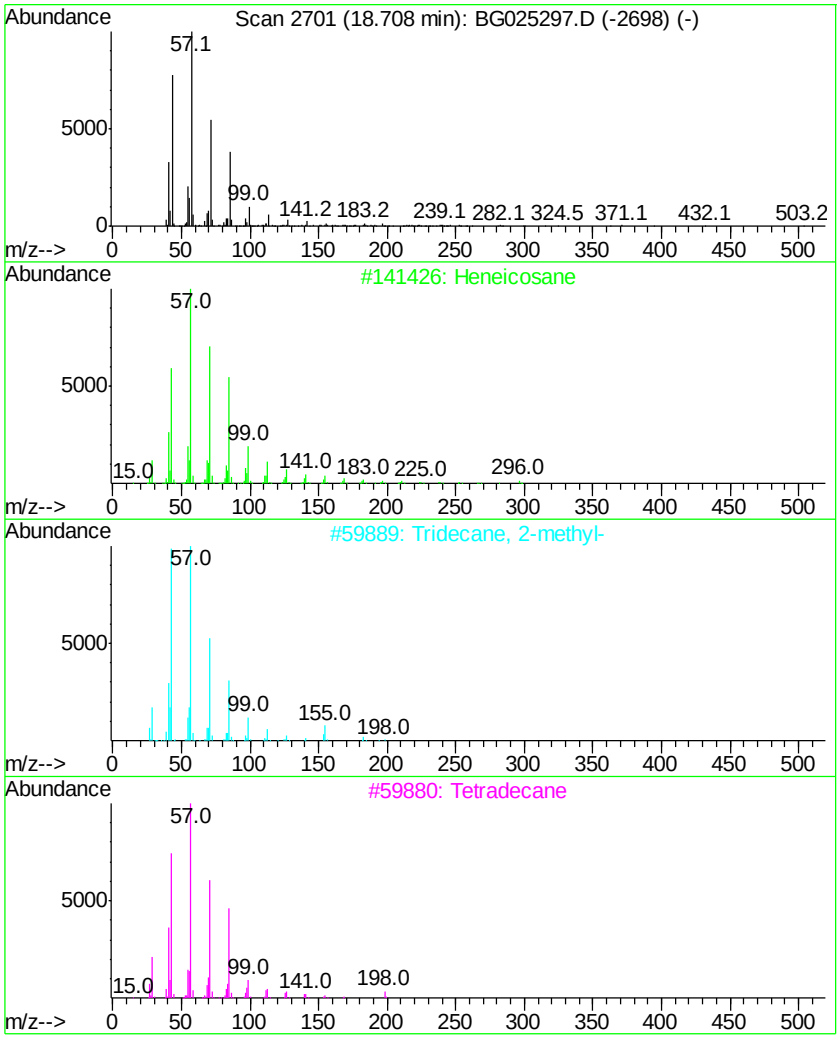
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

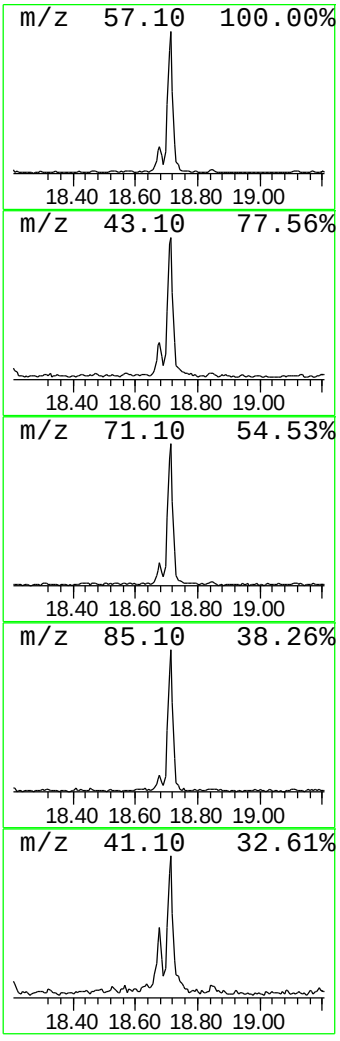
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 73 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	14.50 ng/ul	786462	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	90
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	86
3	Tetradecane	198	C14H30	000629-59-4	83
4	Octadecane	254	C18H38	000593-45-3	83
5	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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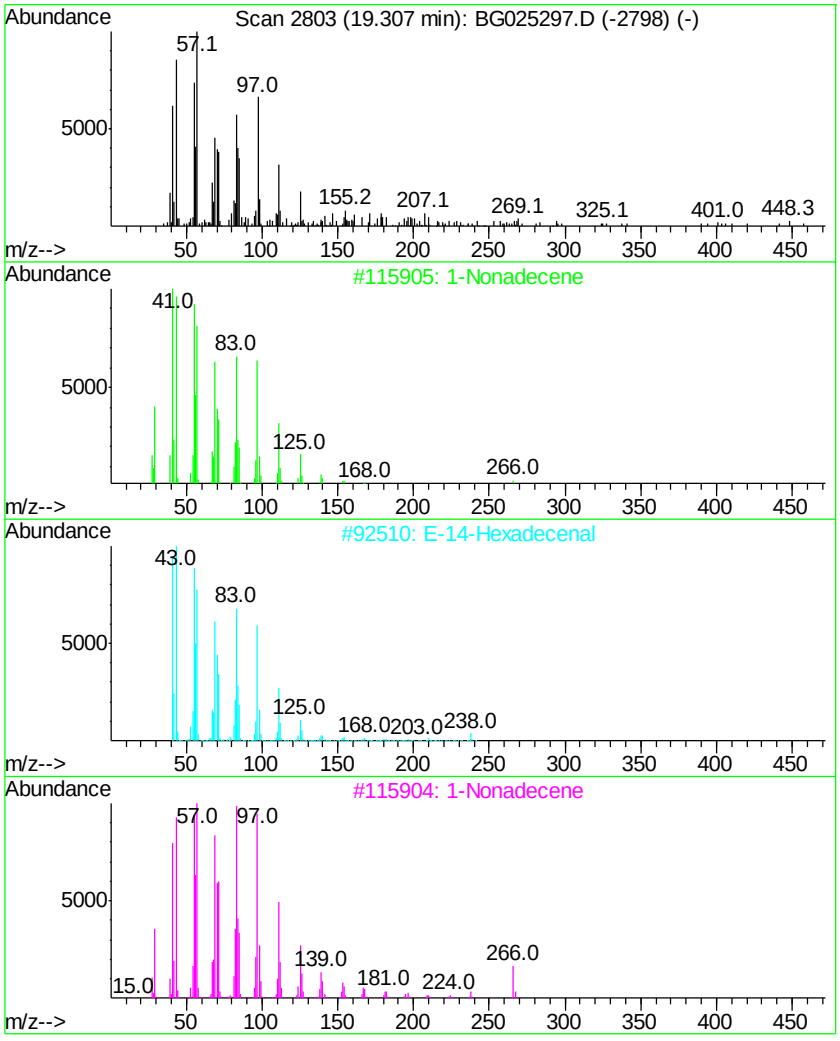
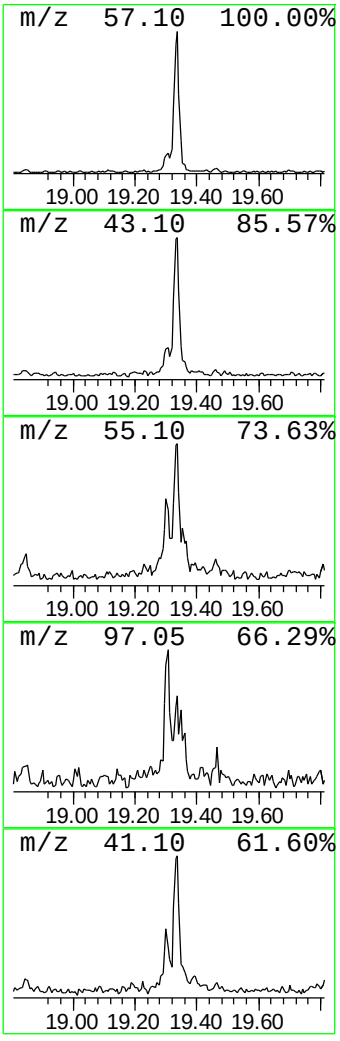
Peak Number 74 (DEL) Alkane: Cyclic19.31 Concentration Rank 77

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.31	2.60 ng/ul	141081	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	83
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	80
3	1-Nonadecene	266	C19H38	018435-45-5	72
4	1-Tetradecene	196	C14H28	001120-36-1	70
5	1-Pentadecene	210	C15H30	013360-61-7	62





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

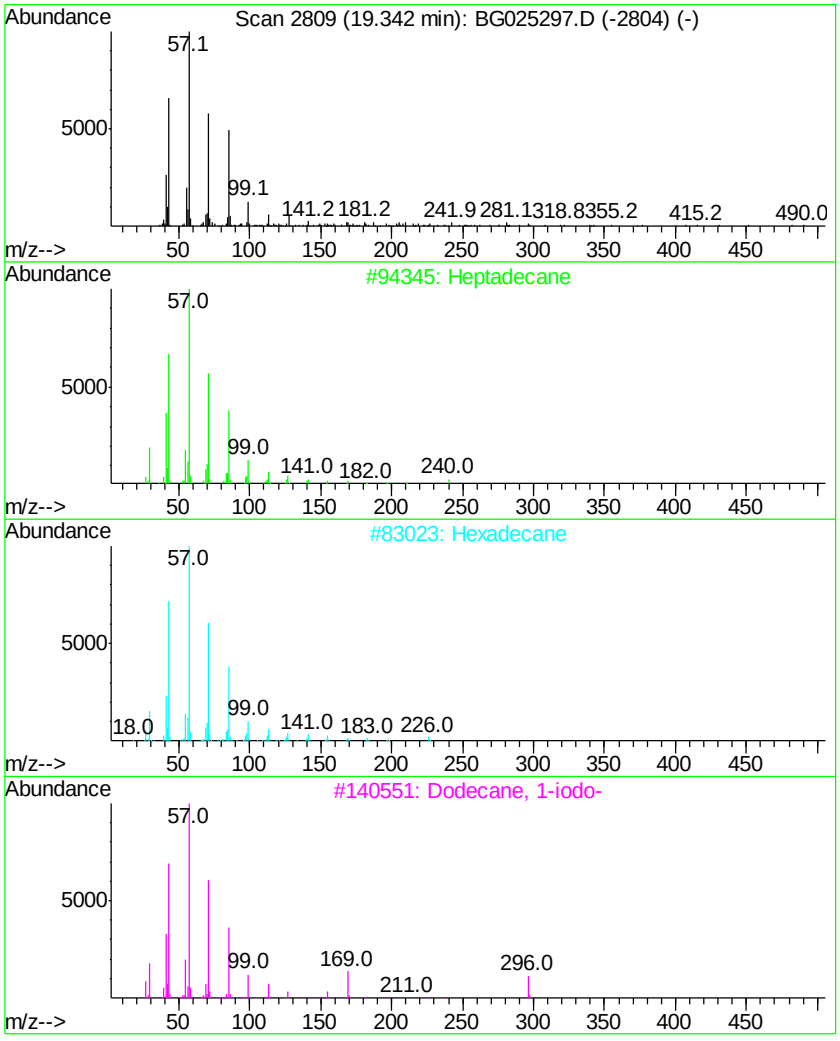
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

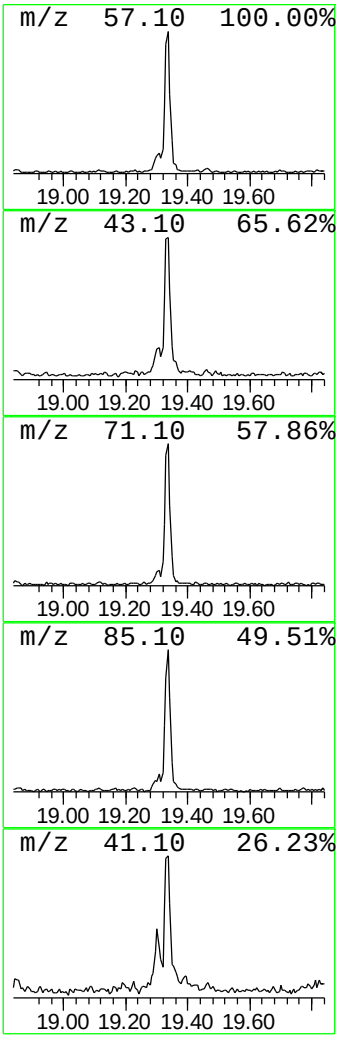
****

Peak Number 75 (DEL) Alkane: Straight-Chai... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	10.69 ng/ul	579512	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Hexadecane	226	C16H34	000544-76-3	86
3	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Heptacosane	380	C27H56	000593-49-7	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

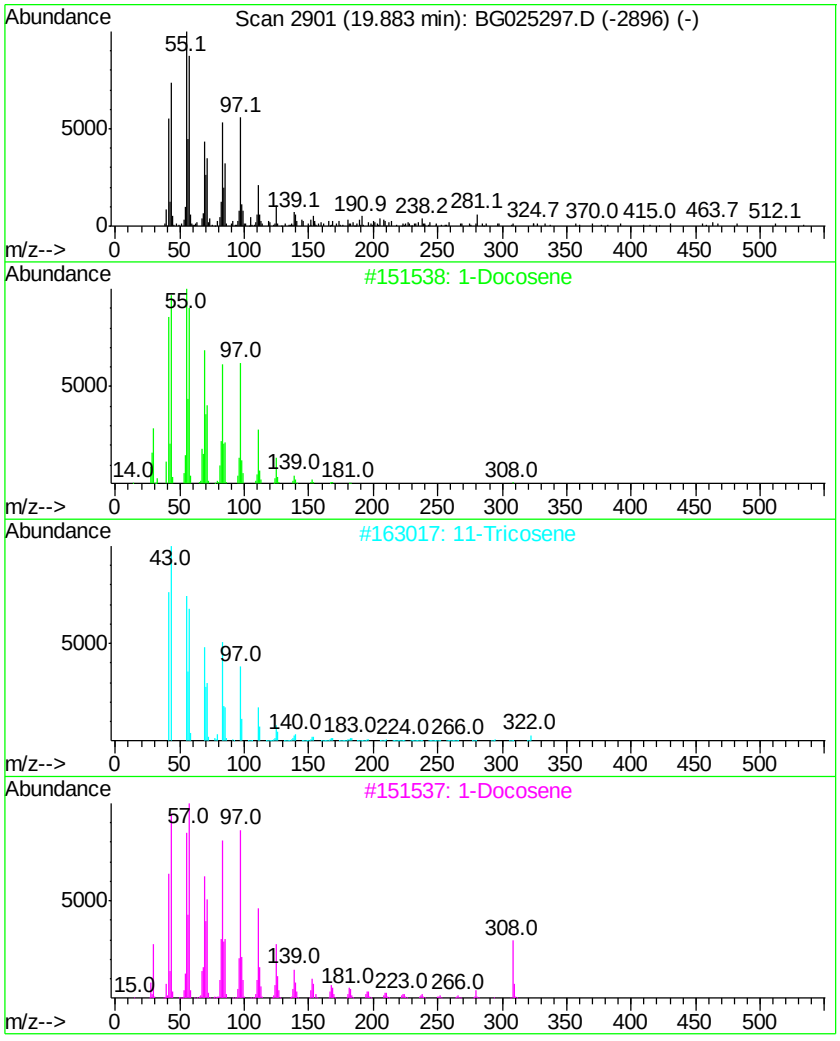
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

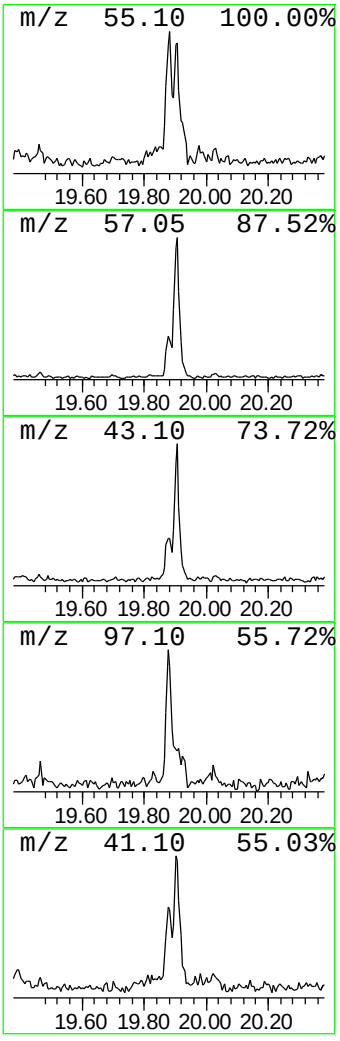
****

Peak Number 76 (DEL) Alkane: Cyclic19.88 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	2.69 ng/ul	211082	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	94
2	11-Tricosene	322	C23H46	052078-56-5	90
3	1-Docosene	308	C22H44	001599-67-3	90
4	10-Heneicosene (c,t)	294	C21H42	095008-11-0	90
5	Behenic alcohol	326	C22H46O	000661-19-8	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

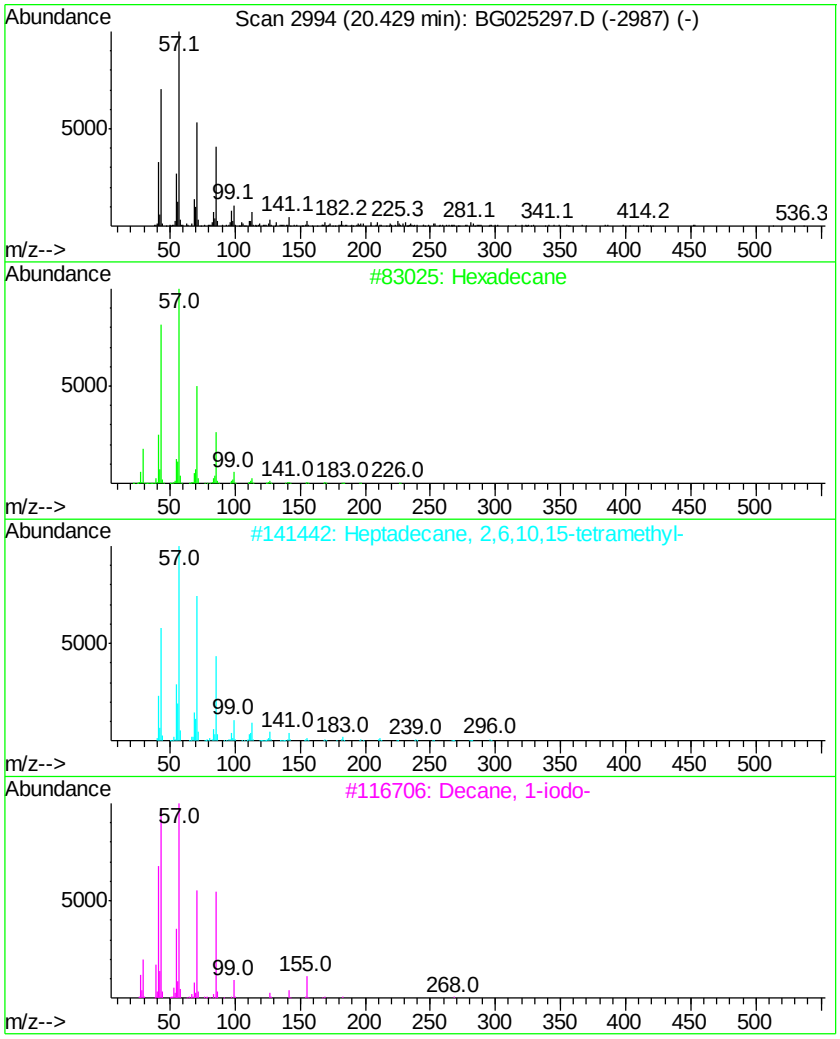
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

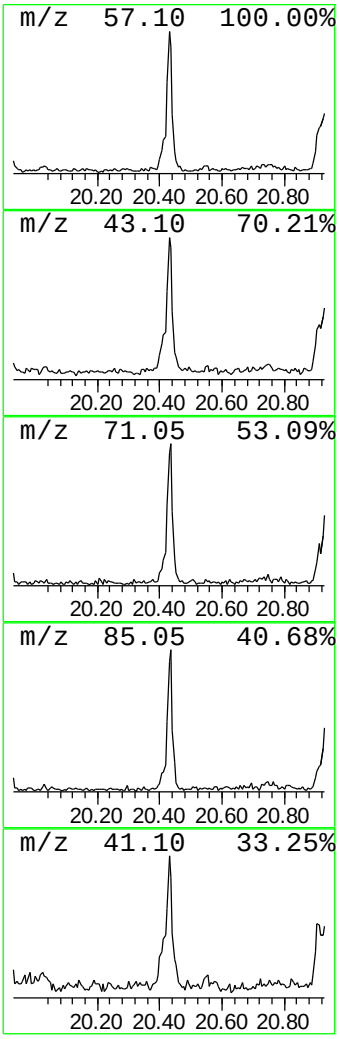
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 78 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	5.96 ng/ul	467515	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	93
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	91
4	Hexadecane	226	C16H34	000544-76-3	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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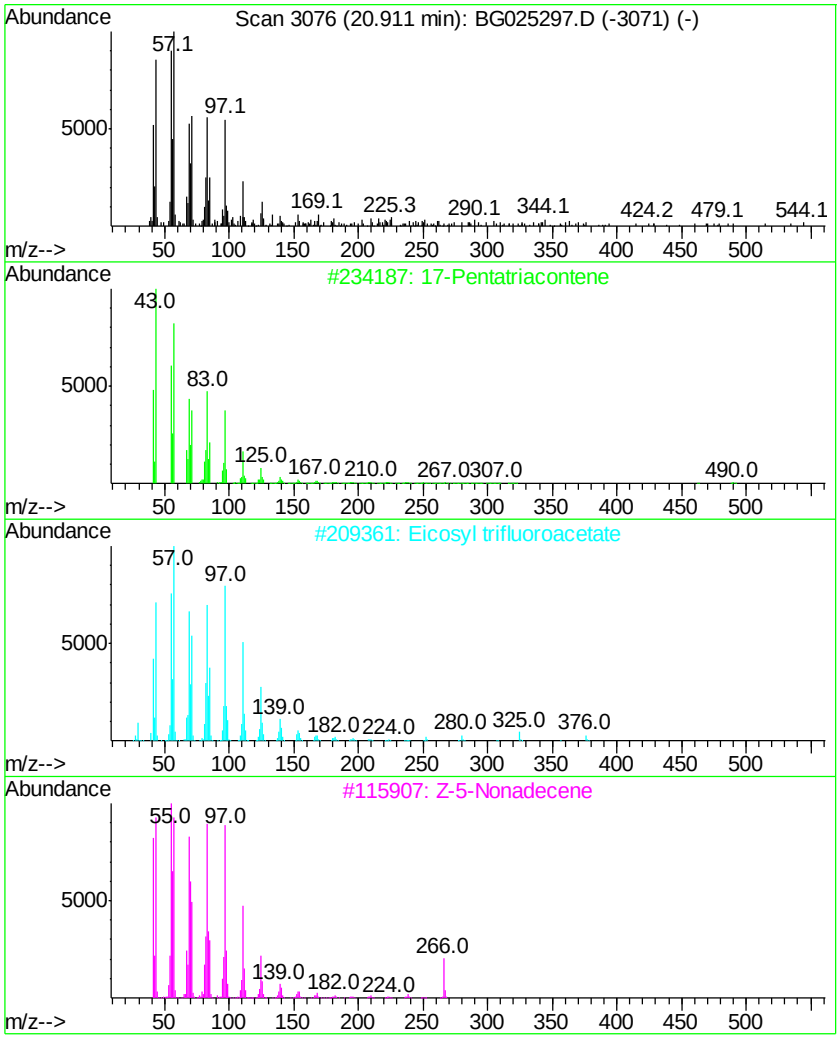
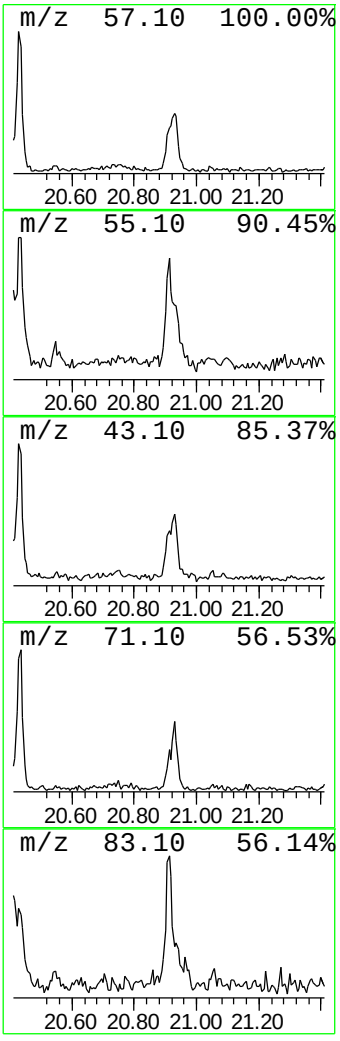
Peak Number 79 (DEL) Alkane: Cyclic20.91 Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	5.73 ng/ul	448923	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	91
2	Eicosyl trifluoroacetate	394	C22H41F3O2	1000351-75-2	91
3	Z-5-Nonadecene	266	C19H38	1000131-11-8	90
4	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	90
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	83





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025297.D
Acq On : 18 Dec 2016 6:00
Operator : UM/SJ
Sample : H5970-10DL 10X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA849DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Benzene, 1,3-dime...	5.83	6.2	ng/ul	154065	1	8.23	498934	20.0
Benzene, 1-ethyl-...	7.29	5.6	ng/ul	139367	1	8.23	498934	20.0
Benzene, 1,2,3-tr...	7.86	10.1	ng/ul	250887	1	8.23	498934	20.0
Fumaric acid, hep...	8.86	8.5	ng/ul	212850	1	8.23	498934	20.0
Benzene, 4-ethyl-...	9.32	7.5	ng/ul	187062	1	8.23	498934	20.0
Benzofuran, 2-met...	9.71	7.7	ng/ul	221015	2	11.06	578115	20.0
Benzene,1-methyl-...	10.46	17.9	ng/ul	516250	2	11.06	578115	20.0
Cycloprop[a]inden...	10.55	5.2	ng/ul	150524	2	11.06	578115	20.0
(DEL) Alkane: Str...	10.98	10.4	ng/ul	300350	2	11.06	578115	20.0
1H-Indazole, 5,7-...	11.23	9.2	ng/ul	266863	2	11.06	578115	20.0
2-Propenal, 2-met...	11.29	16.5	ng/ul	475945	2	11.06	578115	20.0
Benzofuran, 4,7-d...	11.42	22.9	ng/ul	661994	2	11.06	578115	20.0
1H-Benzimidazole,...	11.53	14.6	ng/ul	422479	2	11.06	578115	20.0
Benzene, (1-ethyl...	11.71	4.8	ng/ul	138331	2	11.06	578115	20.0
1-Methylindan-2-one	11.82	5.2	ng/ul	150877	2	11.06	578115	20.0
1-Naphthalenol, 5...	11.96	4.3	ng/ul	123197	2	11.06	578115	20.0
unknown-01	12.09	9.2	ng/ul	266991	2	11.06	578115	20.0
1H-Indene, 1,3-di...	12.14	6.1	ng/ul	176590	2	11.06	578115	20.0
1H-Indene, 2,3-di...	12.18	4.9	ng/ul	142009	2	11.06	578115	20.0
1H-Indene, 1,1-di...	12.26	12.0	ng/ul	346162	2	11.06	578115	20.0
Benzene, 1-(1-met...	12.36	5.2	ng/ul	150577	2	11.06	578115	20.0
Tetradecane, 1-iodo-	12.41	13.7	ng/ul	395348	2	11.06	578115	20.0
1H-Indene, 2,3-di...	12.50	5.9	ng/ul	170977	2	11.06	578115	20.0
1H-Inden-1-one, 2...	12.58	10.9	ng/ul	314143	2	11.06	578115	20.0
Benzene, 1-(1,1-d...	12.78	5.5	ng/ul	158660	2	11.06	578115	20.0
Naphthalene, 1,2,...	12.83	12.7	ng/ul	366527	2	11.06	578115	20.0
2,5,6-Trimethylbe...	13.00	20.9	ng/ul	816848	3	14.86	783427	20.0
unknown-02	13.20	4.2	ng/ul	163648	3	14.86	783427	20.0
Benzene, heptyl-	13.34	5.4	ng/ul	212407	3	14.86	783427	20.0
unknown-03	13.39	5.5	ng/ul	213292	3	14.86	783427	20.0
unknown-04	13.45	4.3	ng/ul	167492	3	14.86	783427	20.0
(1-Methylenepent-...	13.54	10.9	ng/ul	426727	3	14.86	783427	20.0
(DEL) Alkane: Str...	13.63	16.5	ng/ul	648085	3	14.86	783427	20.0
(DEL) Alkane: Cyc...	14.62	7.2	ng/ul	280091	3	14.86	783427	20.0
(DEL) Alkane: Str...	14.69	19.4	ng/ul	758650	3	14.86	783427	20.0
(DEL) Alkane: Cyc...	15.58	6.6	ng/ul	260205	3	14.86	783427	20.0
(DEL) Alkane: Str...	15.64	23.3	ng/ul	911066	3	14.86	783427	20.0
(DEL) Alkane: Cyc...	16.45	11.0	ng/ul	595983	4	17.60	1084550	20.0
(DEL) Alkane: Str...	16.50	22.5	ng/ul	1222550	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	16.72	13.5	ng/ul	732572	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	17.24	5.5	ng/ul	299600	4	17.60	1084550	20.0
(DEL) Alkane: Str...	17.29	23.0	ng/ul	1249300	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	17.99	4.2	ng/ul	228018	4	17.60	1084550	20.0
(DEL) Alkane: Str...	18.03	19.4	ng/ul	1050370	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	18.68	4.5	ng/ul	245191	4	17.60	1084550	20.0
(DEL) Alkane: Str...	18.71	14.5	ng/ul	786462	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	19.31	2.6	ng/ul	141081	4	17.60	1084550	20.0
(DEL) Alkane: Str...	19.34	10.7	ng/ul	579512	4	17.60	1084550	20.0
(DEL) Alkane: Cyc...	19.88	2.7	ng/ul	211082	5	21.89	1567830	20.0

(DEL) Alkane: Str...	20.43	6.0	ng/ul	467515	5	21.89	1567830	20.0
(DEL) Alkane: Cyc...	20.91	5.7	ng/ul	448923	5	21.89	1567830	20.0

Instrument :
BNA_G
ClientSampleId :
DA849DL