LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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	5.831	502	509	519	rBV3	79575	209180	9.72%	0.348%
2	7.294	750	758	763	rBV2	98977	172566	8.02%	0.287%
3	7.864	849	855	863	rVB	177224	321424	14.93%	0.534%
4	8.234	910	918	927	rVB	276418	511974	23.79%	0.851%
5	8.334	927	935	943	rBV3	112178	229180	10.65%	0.381%
6	8.857	1016	1024	1030	rBV3	147001	304561	14.15%	0.506%
7	9.327	1093	1104	1113	rVV2	87859	242875	11.28%	0.404%
8	9.415	1113	1119	1127	rVB3	243928	440365	20.46%	0.732%
9	9.709	1163	1169	1176	rVV3	124686	279996	13.01%	0.465%
10	9.780	1176	1181	1190	rVB2	262784	474203	22.03%	0.788%
11	10.455	1287	1296	1307	rBV6	210669	703297	32.68%	1.169%
12	10.567	1307	1315	1318	rBV3	81226	179885	8.36%	0.299%
13	10.684	1330	1335	1340	rBV4	96135	205624	9.55%	0.342%
14	10.972	1378	1384	1389	rBV3	206445	395849	18.39%	0.658%
15	11.060	1394	1399	1403	rBV	320655	523800	24.34%	0.870%
16	11.107	1403	1407	1413	rVB	286110	502507	23.35%	0.835%
17	11.231	1418	1428	1433	rBV5	110471	371495	17.26%	0.617%
18	11.290	1433	1438	1453	rVB3	374448	1277112	59.34%	2.122%
19	11.419	1453	1460	1463	rBV2	471617	904388	42.02%	1.503%
20	11.460	1463	1467	1474	rVV	952589	1792714	83.29%	2.979%
21	11.525	1474	1478	1489	rVB	314680	553753	25.73%	0.920%
22	11.718	1504	1511	1519	rVB7	70724	184261	8.56%	0.306%
23	11.813	1521	1527	1532	rBV3	109143	210413	9.78%	0.350%
24	11.954	1545	1551	1555	rBV2	90933	175820	8.17%	0.292%
25	12.001	1555	1559	1564	rVB3	112468	191288	8.89%	0.318%
26	12.083	1564	1573	1577	rBV6	129824	388322	18.04%	0.645%
27	12.142	1577	1583	1587	rBV2	140192	250734	11.65%	0.417%
28	12.189	1587	1591	1594	rBV	121678	180731	8.40%	0.300%
29	12.253	1599	1602	1608	rVB2	267195	435041	20.21%	0.723%
30	12.359	1615	1620	1624	rVV2	117189	207220	9.63%	0.344%
31	12.406	1624	1628	1636	rVV4	286375	497480	23.11%	0.827%
32	12.506	1641	1645	1651	rBV2	109437	235322	10.93%	0.391%
33	12.576	1651	1657	1659	rBV	236735	425533	19.77%	0.707%
34	12.700	1672	1678	1682	rBV	1254751	2152337	100.00%	3.576%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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	12.735	1682	1684	1688	rVB	419263	559323	25.99%	0.929%
36	12.776	1689	1691	1695	rVB2	168867	251978	11.71%	0.419%
37	12.829	1696	1700	1702	rBV2	239595	388390	18.05%	0.645%
38	12.917	1710	1715	1721	rVB	779112	1359112	63.15%	2.258%
39	13.005	1722	1730	1740	rBV4	446264	1119679	52.02%	1.860%
40	13.087	1740	1744	1758	rVB7	288589	629722	29.26%	1.046%
41	13.205	1759	1764	1769	rVB6	124394	190978	8.87%	0.317%
42	13.270	1769	1775	1778	rBV3	240459	450548	20.93%	0.749%
43	13.340	1784	1787	1791	rBV2	208495	271563	12.62%	0.451%
44	13.387	1792	1795	1800	rVB4	221116	347659	16.15%	0.578%
45	13.452	1801	1806	1809	rBV2	123453	217198	10.09%	0.361%
46	13.546	1815	1822	1824	rBV3	251754	475645	22.10%	0.790%
47	13.575	1825	1827	1831	rVV	297442	410971	19.09%	0.683%
48	13.628	1831	1836	1842	rVV5	529969	941180	43.73%	1.564%
49	13.687	1842	1846	1850	rVB	200609	291291	13.53%	0.484%
50	13.804	1859	1866	1875	rBV3	244666	877338	40.76%	1.458%
51	13.887	1875	1880	1888	rVB4	339736	915658	42.54%	1.521%
52	14.039	1895	1906	1917	rBV4	534625	1598113	74.25%	2.655%
53	14.174	1918	1929	1934	rBV3	669555	1501011	69.74%	2.494%
54	14.227	1934	1938	1945	rVV2	704317	1158651	53.83%	1.925%
55	14.415	1965	1970	1974	rBV2	216367	294045	13.66%	0.489%
56	14.492	1979	1983	1986	rVB	291107	373515	17.35%	0.621%
57	14.533	1986	1990	1992	rBV	219819	343088	15.94%	0.570%
58	14.621	2001	2005	2010	rVB3	274260	391369	18.18%	0.650%
59	14.697	2014	2018	2023	rVB	719984	967464	44.95%	1.608%
60	14.809	2032	2037	2041	rBV2	700044	1101133	51.16%	1.830%
61	14.862	2041	2046	2049	rBV2	509499	804131	37.36%	1.336%
62	15.073	2073	2082	2088	rBV4	392558	853624	39.66%	1.418%
63	15.144	2089	2094	2099	rVB2	284949	492841	22.90%	0.819%
64	15.244	2105	2111	2118	rBV5	226049	507507	23.58%	0.843%
65	15.314	2120	2123	2127	rBV3	122203	181653	8.44%	0.302%
66	15.350	2127	2129	2134	rVB3	183413	244643	11.37%	0.406%
67	15.461	2141	2148	2152	rBV4	245526	509537	23.67%	0.847%
68	15.508	2152	2156	2164	rVV4	421922	786176	36.53%	1.306%
69	15.579	2164	2168	2170	rBV	313284	387963	18.03%	0.645%
70	15.608	2170	2173	2175	rVV	510335	676162	31.42%	1.124%
71	15.637	2175	2178	2183	rVB	996088	1231121	57.20%	2.046%

LSC Area Percent Report

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Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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	15.796	2201	2205	2209	rBV6	139718	200452	9.31%	0.333%
73	15.843	2210	2213	2216	rVV4	132947	231339	10.75%	0.384%
74	15.878	2216	2219	2230	rVB3	485308	1036555	48.16%	1.722%
75	16.448	2309	2316	2320	rVB3	459113	877118	40.75%	1.457%
76	16.501	2320	2325	2329	rBV	1185644	1634565	75.94%	2.716%
77	16.724	2355	2363	2372	rVV4	544434	925861	43.02%	1.538%
78	16.807	2372	2377	2385	rVB2	505224	697109	32.39%	1.158%
79	16.889	2385	2391	2396	rBV6	120655	292728	13.60%	0.486%
80	17.124	2427	2431	2437	rVB5	117481	208262	9.68%	0.346%
81	17.247	2447	2452	2455	rBV	296304	459257	21.34%	0.763%
82	17.288	2455	2459	2470	rVB	1060918	1630181	75.74%	2.709%
83	17.435	2479	2484	2491	rVB4	166864	245844	11.42%	0.408%
84	17.600	2506	2512	2518	rBV	699518	1050709	48.82%	1.746%
85	17.700	2524	2529	2536	rVB	142126	242077	11.25%	0.402%
86	17.770	2537	2541	2547	rBV7	120279	245550	11.41%	0.408%
87	17.988	2573	2578	2581	rBV2	251764	323714	15.04%	0.538%
88	18.029	2581	2585	2598	rVB	933134	1387984	64.49%	2.306%
89	18.675	2691	2695	2698	rBV	252710	331821	15.42%	0.551%
90	18.710	2698	2701	2719	rVB	734031	1087125	50.51%	1.806%
91	19.304	2797	2802	2804	rBV2	166433	211344	9.82%	0.351%
92	19.339	2804	2808	2816	rVB	531906	740938	34.42%	1.231%
93	19.880	2896	2900	2902	rBV	270068	311152	14.46%	0.517%
94	19.909	2902	2905	2911	rVB	426971	558986	25.97%	0.929%
95	19.974	2911	2916	2929	rVB	227553	439898	20.44%	0.731%
96	20.432	2987	2994	3001	rVB2	368049	595178	27.65%	0.989%
97	20.914	3071	3076	3091	rVB2	209203	572253	26.59%	0.951%
98	21.895	3237	3243	3252	rVB	900600	1612206	74.90%	2.679%
99	25.079	3782	3785	3794	rVB3	107489	252988	11.75%	0.420%
100	25.326	3816	3827	3845	rVB3	455221	1546940	71.87%	2.570%

Sum of corrected areas: 60183364

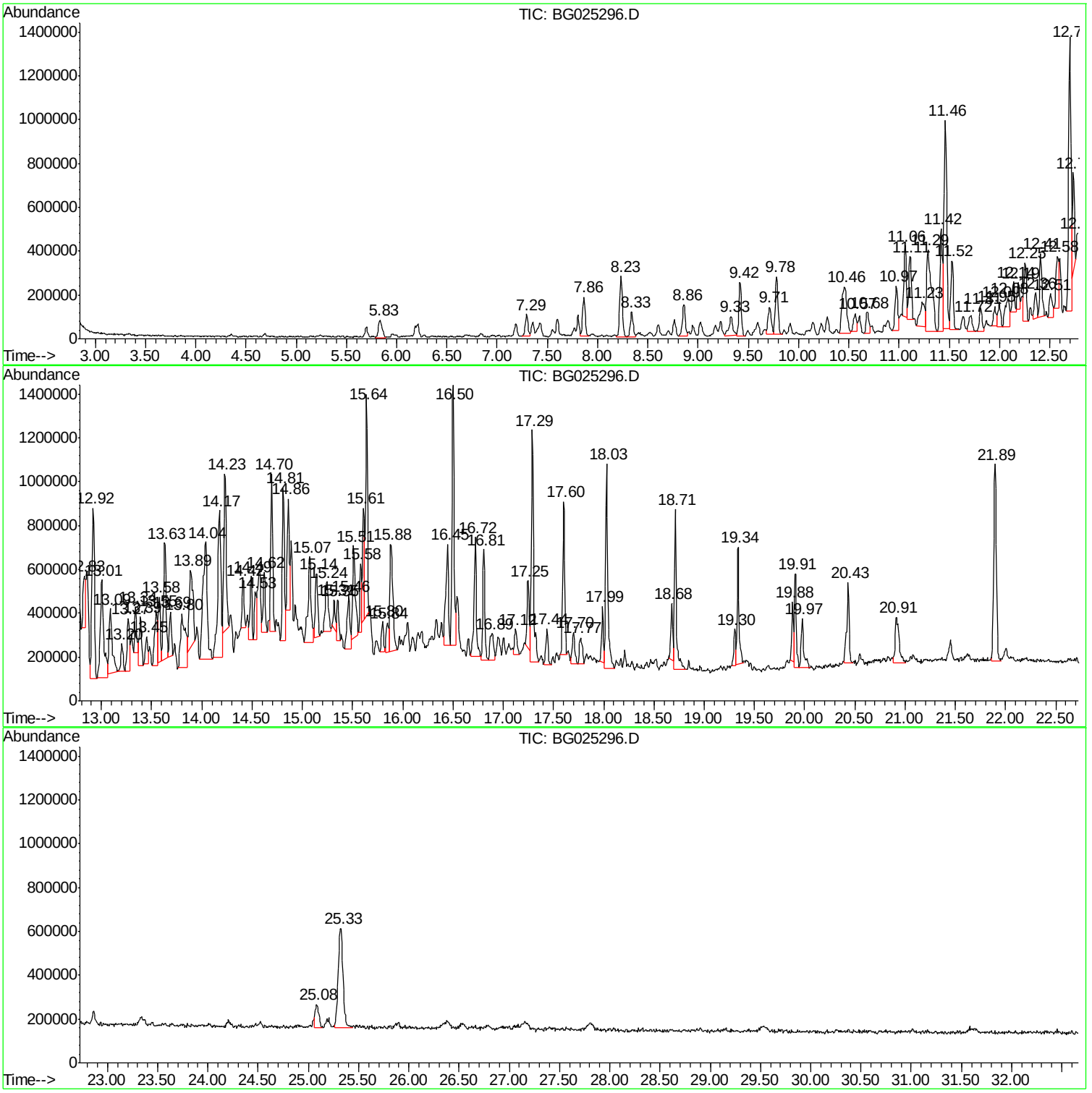
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

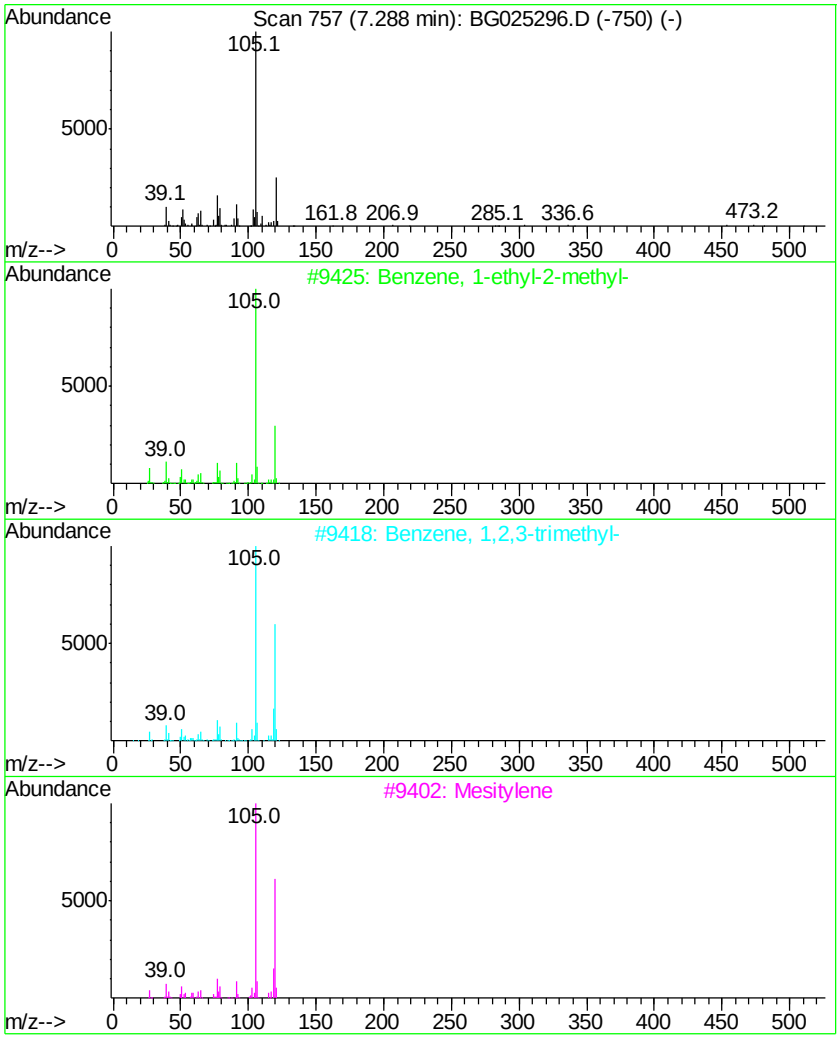
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

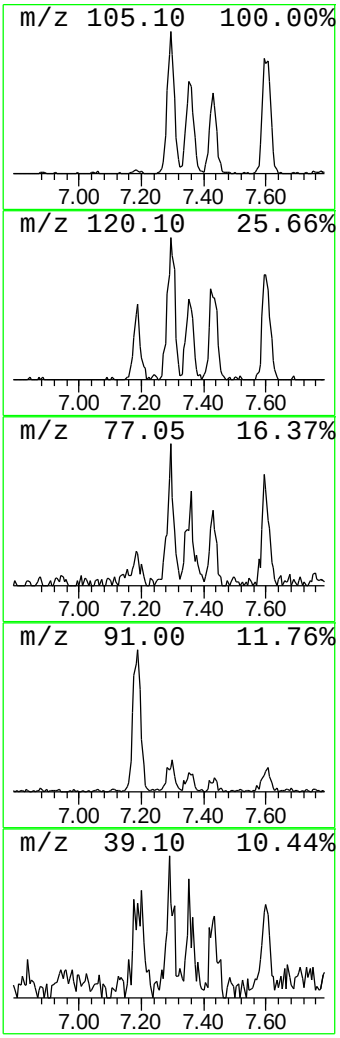
****

Peak Number 2 Benzene, 1-ethyl-2-methyl- Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	6.74 ng/ul	172566	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
2	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	87
3	Mesitylene	120	C9H12	000108-67-8	87
4	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

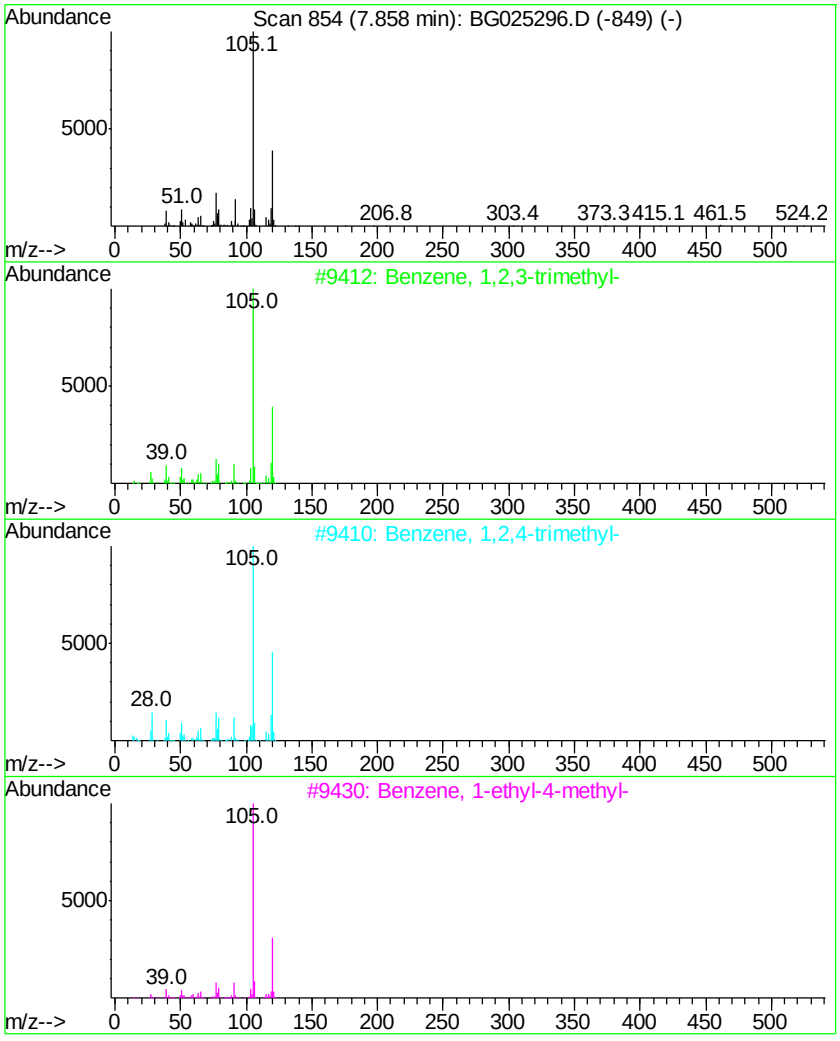
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

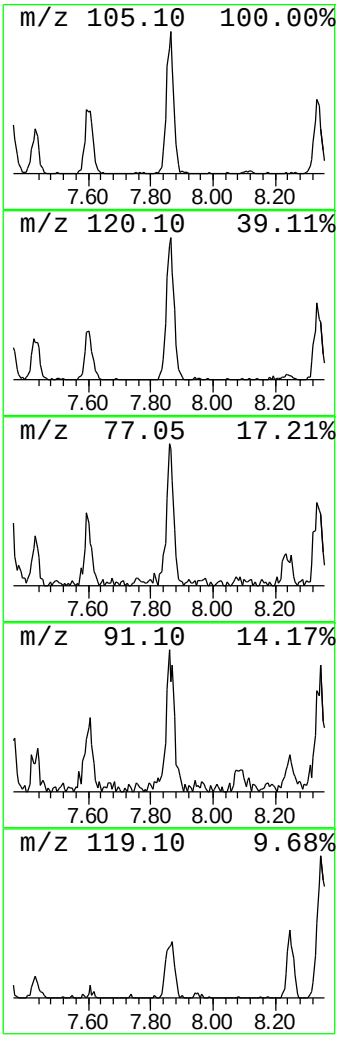
****

Peak Number 3 Benzene, 1,2,3-trimethyl- Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	12.56 ng/ul	321424	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	97
2	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	93
3	Benzene, 1-ethyl-4-methyl-	120	C9H12	000622-96-8	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

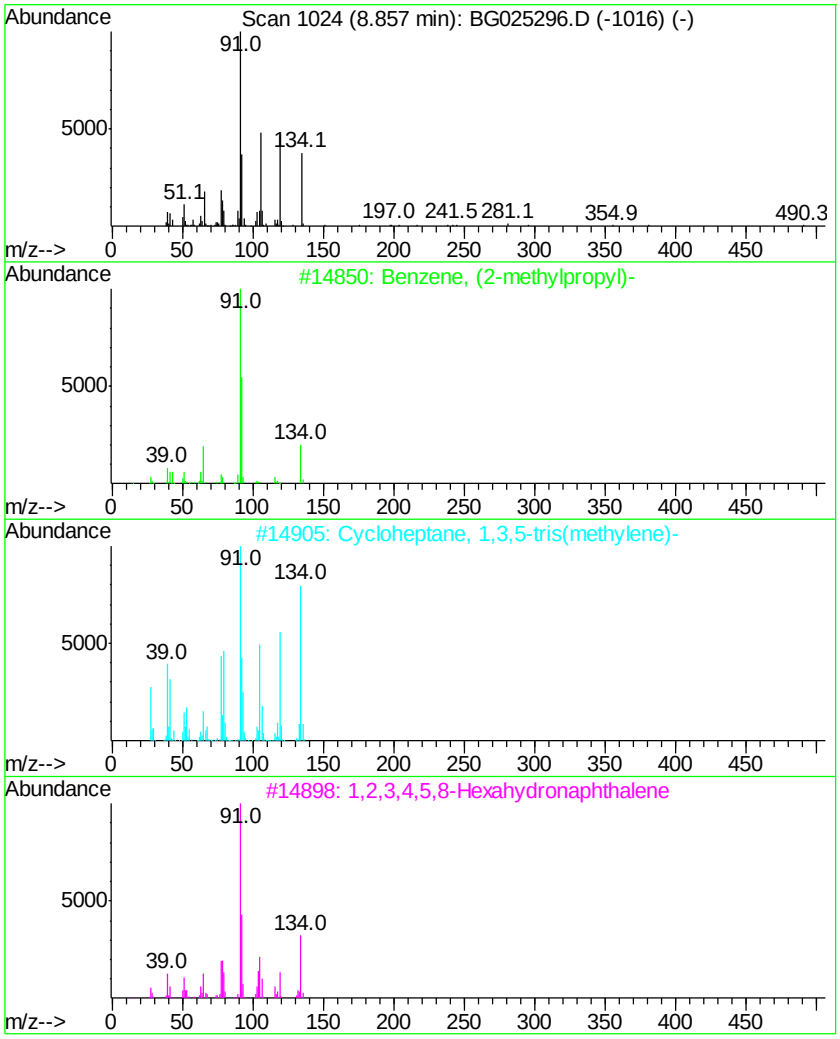
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

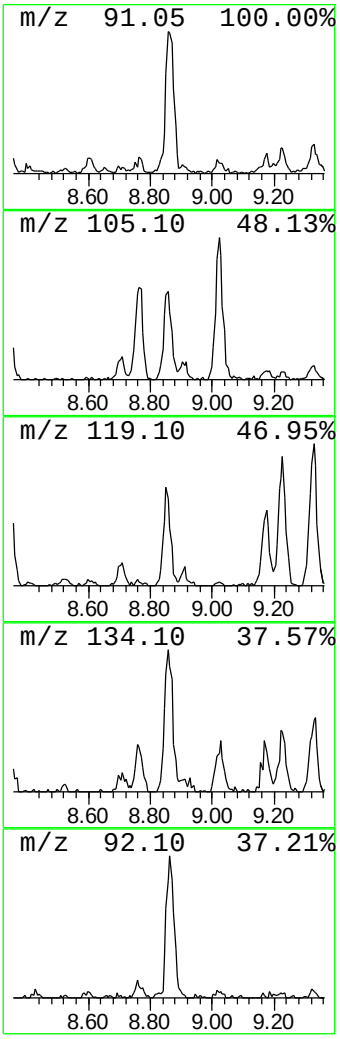
****

Peak Number 5 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	11.90 ng/ul	304561	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	45
2	Cycloheptane, 1,3,5-tris(methyle...	134	C10H14	068284-24-2	45
3	1,2,3,4,5,8-Hexahydronaphthalene	134	C10H14	036231-13-7	42
4	1-Bromo-1-phenylpropane	198	C9H11Br	002114-36-5	32
5	Aziridine, 1-phenyl-	119	C8H9N	000696-18-4	22





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

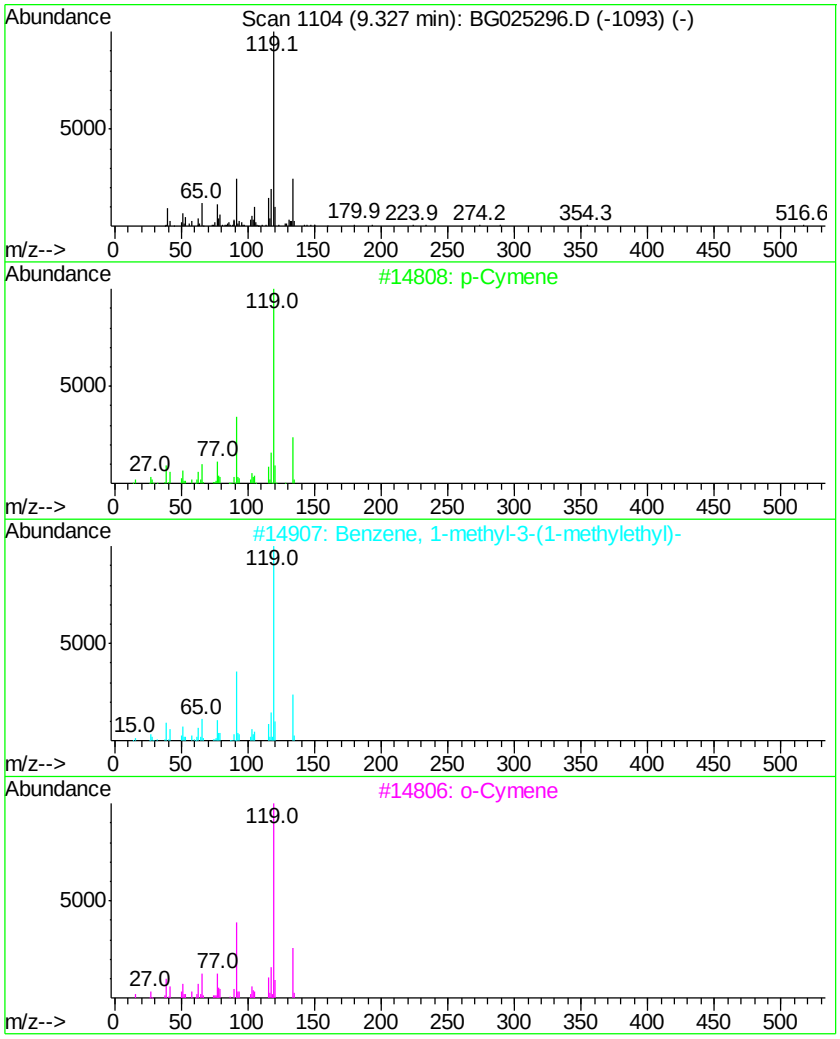
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

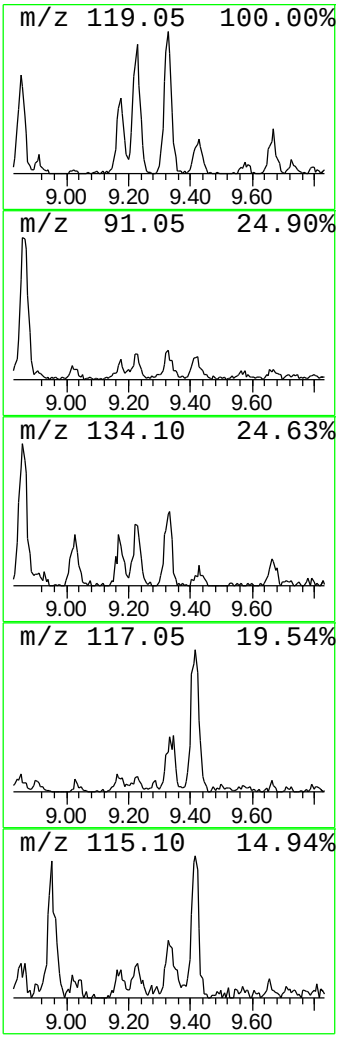
****

Peak Number 6 p-Cymene Concentration Rank 47

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	9.49 ng/ul	242875	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cymene	134	C10H14	000099-87-6	95
2	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	90
3	o-Cymene	134	C10H14	000527-84-4	87
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	87
5	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

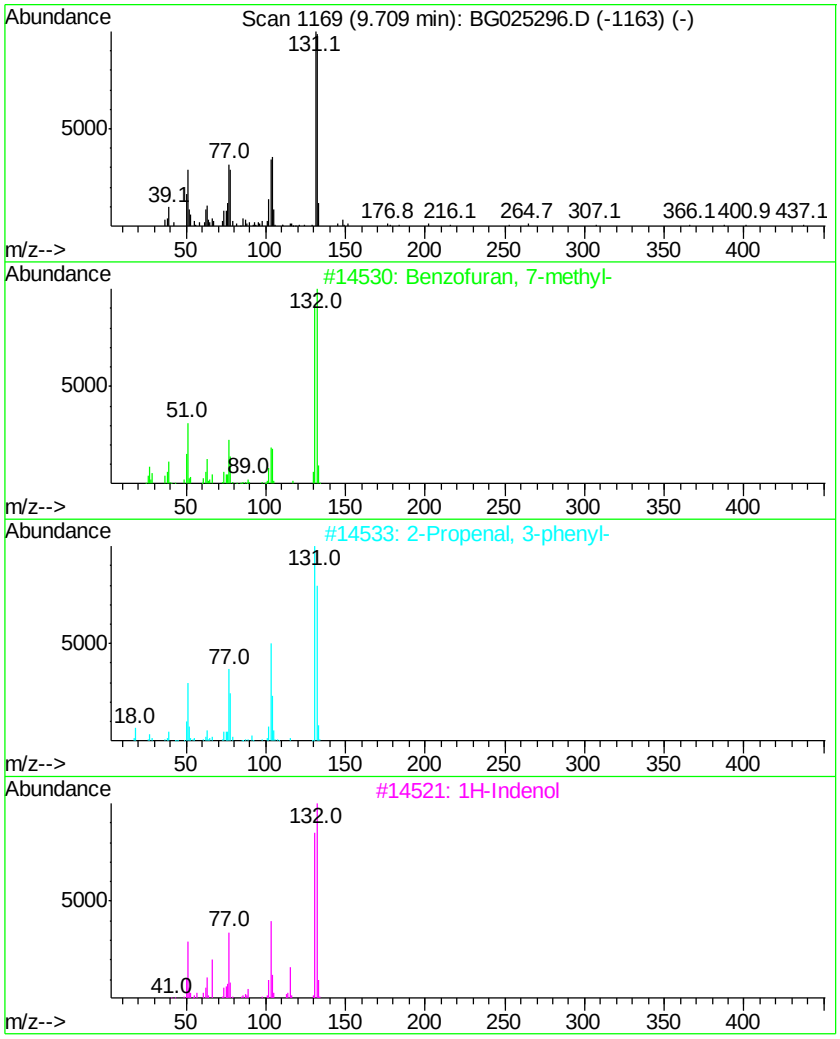
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

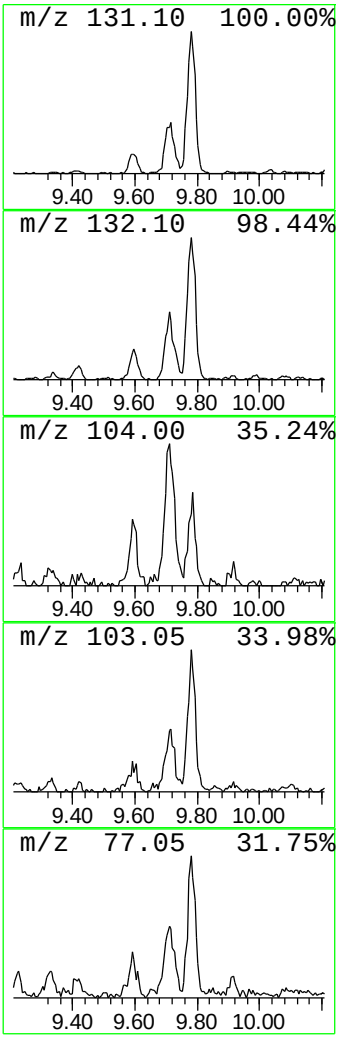
****

Peak Number 7 Benzofuran, 7-methyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	10.69 ng/ul	279996	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	94
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	93
3	1H-Indenol	132	C9H8O	056631-57-3	93
4	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91





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Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

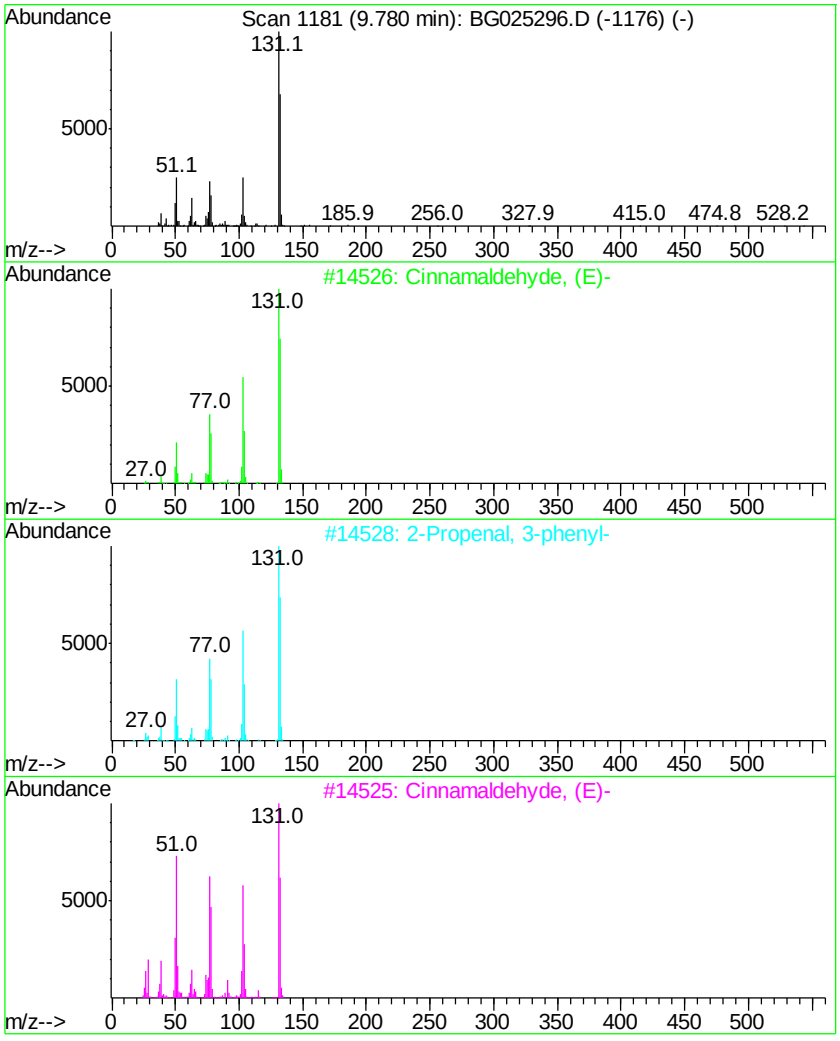
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

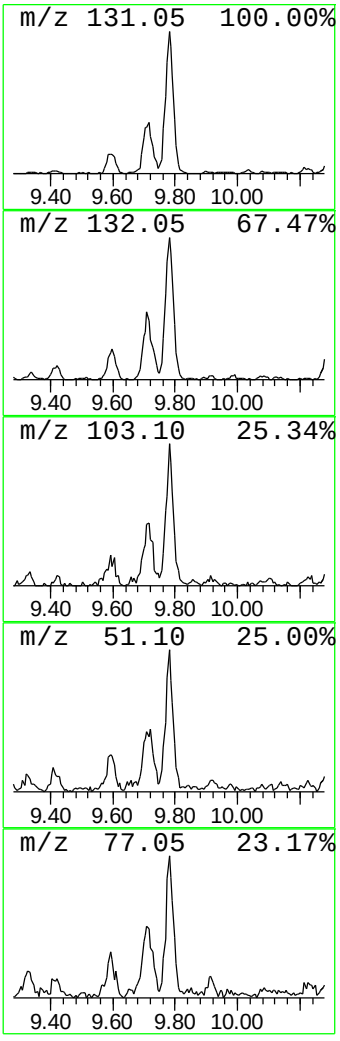
****

Peak Number 8 Cinnamaldehyde, (E)- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.78	18.11 ng/ul	474203	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90
2	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	90
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	87
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	87
5	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	87





Library Search Compound Report

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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

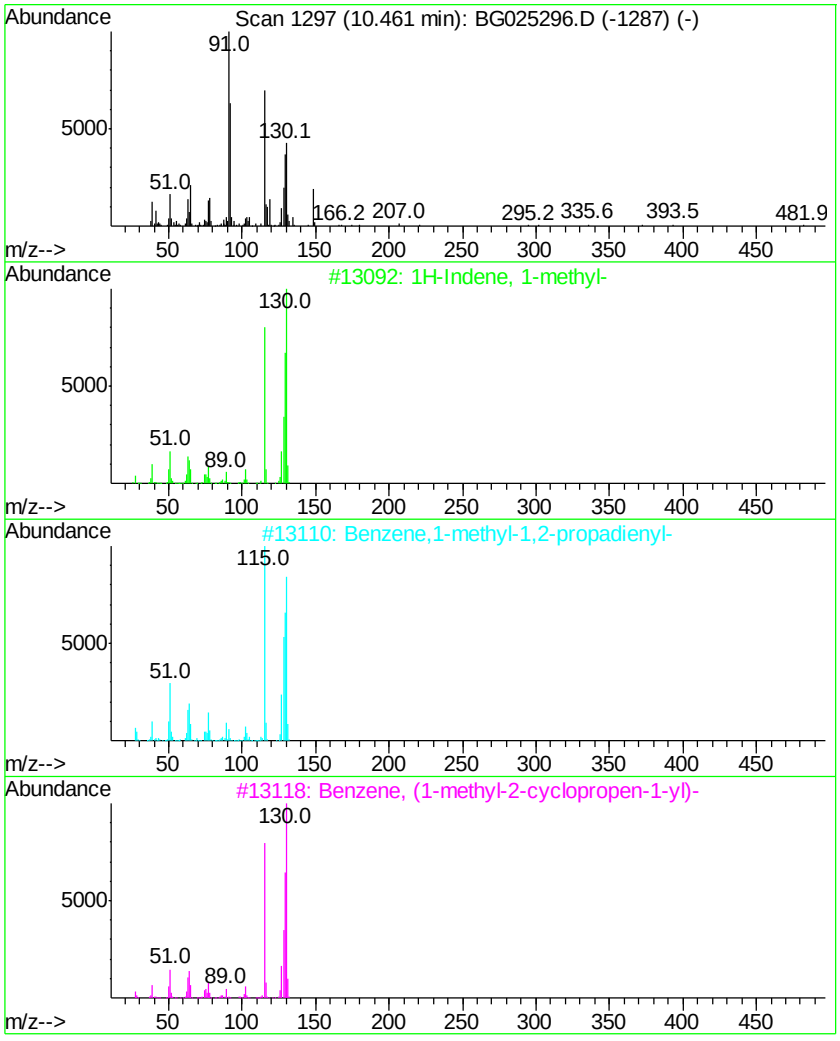
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

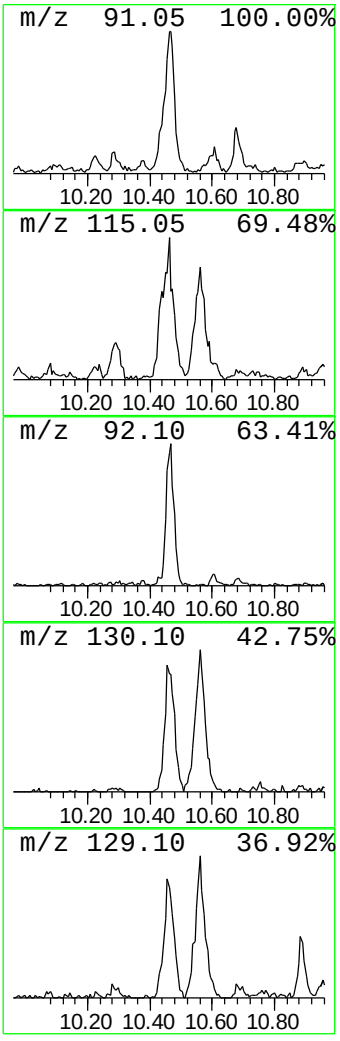
****

Peak Number 9 1H-Indene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.46	26.85 ng/ul	703297	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	89
2	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	50
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	50
4	2-Methylindene	130	C10H10	002177-47-1	50
5	Benzene, 1-butynyl-	130	C10H10	000622-76-4	46





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

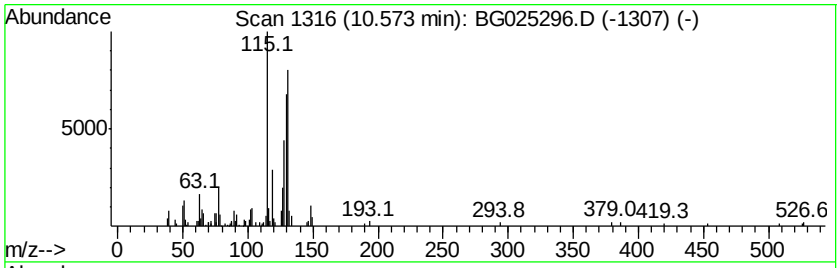
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

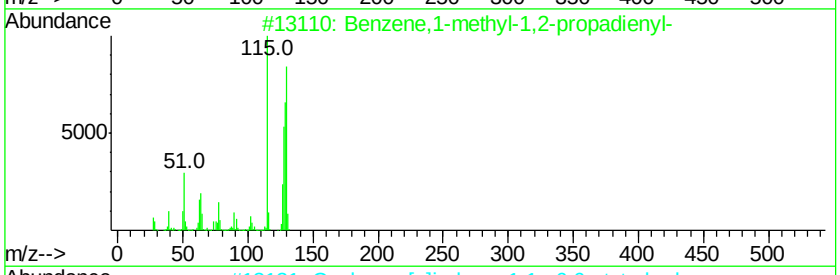
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

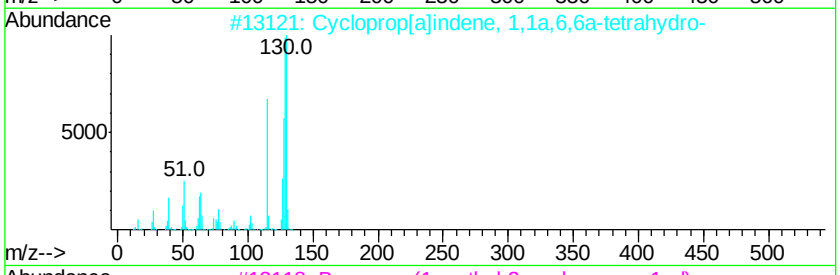
****
Peak Number 10 Benzene,1-methyl-1,2-propad... Concentration Rank 63

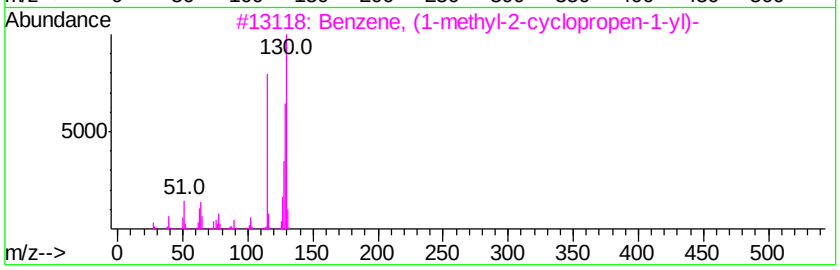
R.T.	EstConc	Area	Relative to ISTD	R.T.
10.57	6.87 ng/ul	179885	Naphthalene-d8	11.06

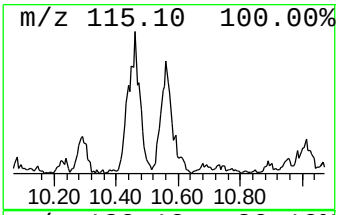
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene,1-methyl-1,2-propadienyl-	130	C10H10	022433-39-2	89
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	76
3	Benzene, (1-methyl-2-cyclopropen...	130	C10H10	065051-83-4	76
4	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	76

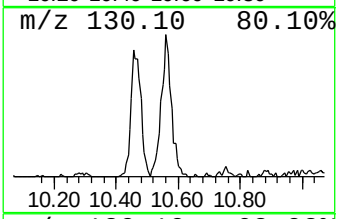


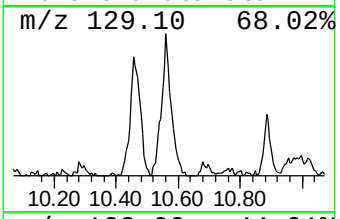


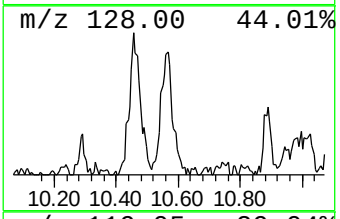


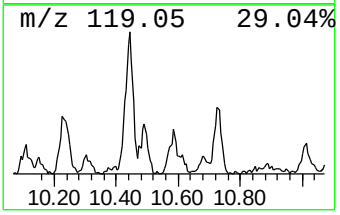












Library Search Compound Report

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Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

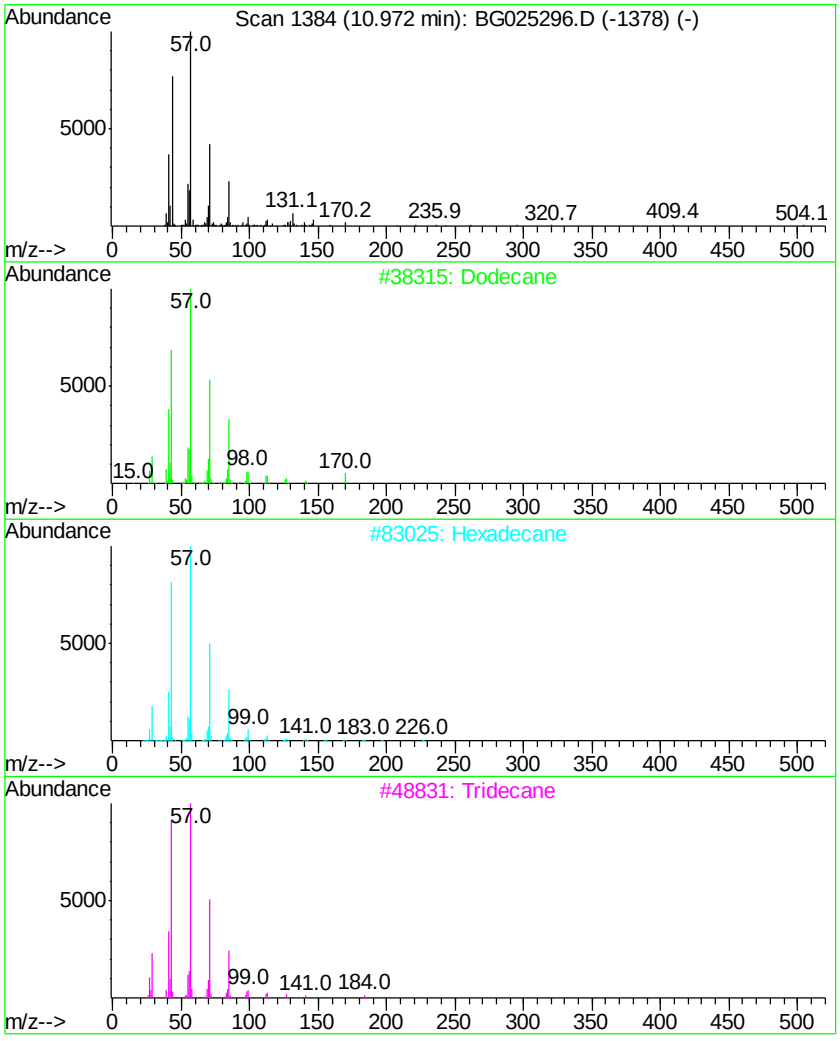
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

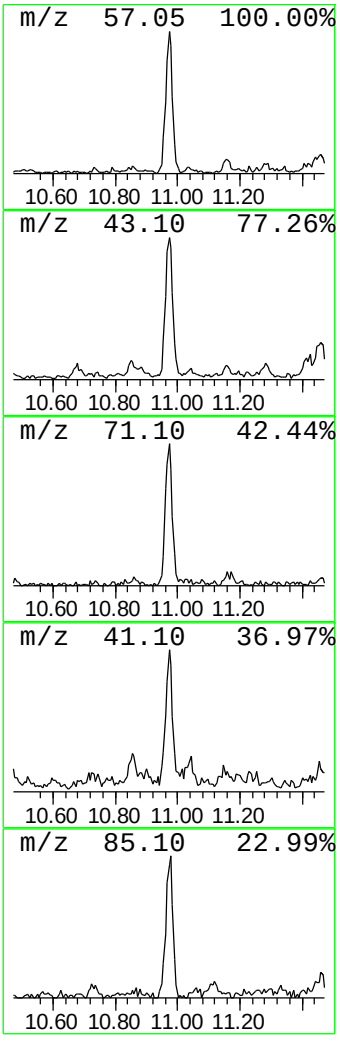
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	15.11 ng/ul	395849	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane	170	C12H26	000112-40-3	90
2	Hexadecane	226	C16H34	000544-76-3	80
3	Tridecane	184	C13H28	000629-50-5	80
4	Eicosane	282	C20H42	000112-95-8	64
5	Undecane	156	C11H24	001120-21-4	64





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Instrument : BNA_G
ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

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

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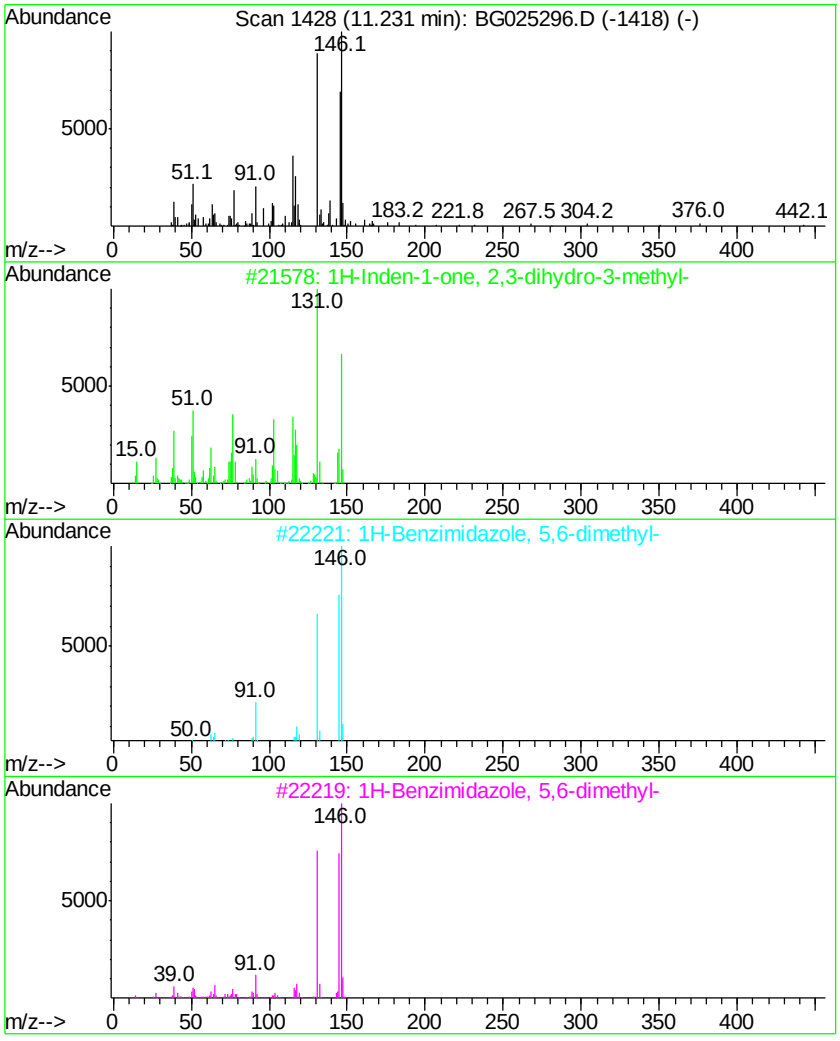
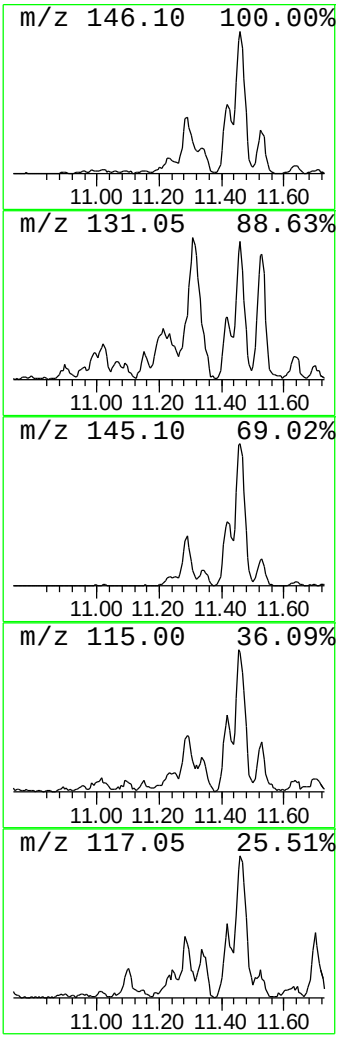
Peak Number 12 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	14.18 ng/ul	371495	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3-me...	146	C10H10O	006072-57-7	83
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	74
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	74
4	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	72
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	59





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

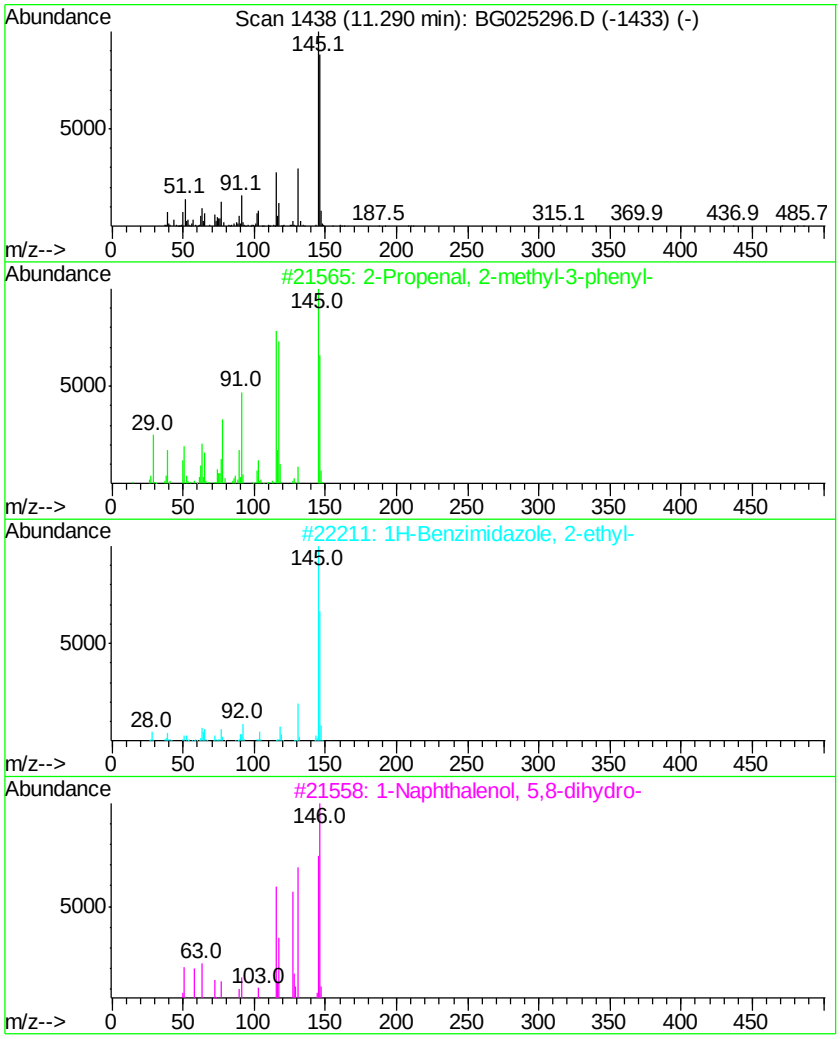
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

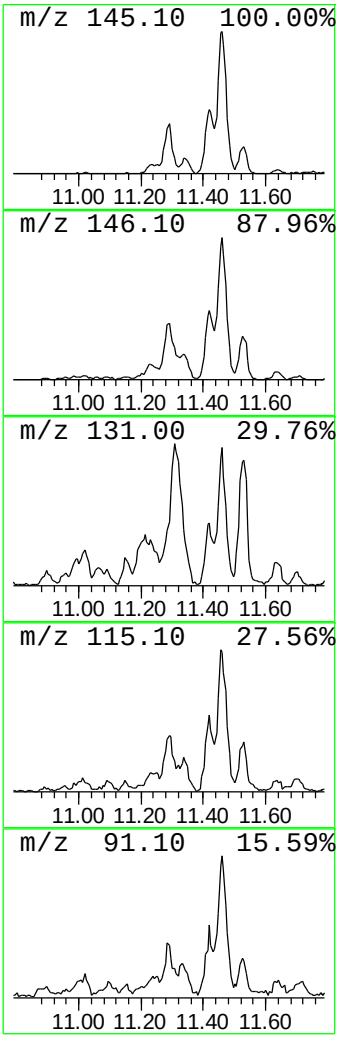
****

Peak Number 13 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	48.76 ng/ul	1277110	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	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	53
4	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	50
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50





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Sample : H5970-09DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

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

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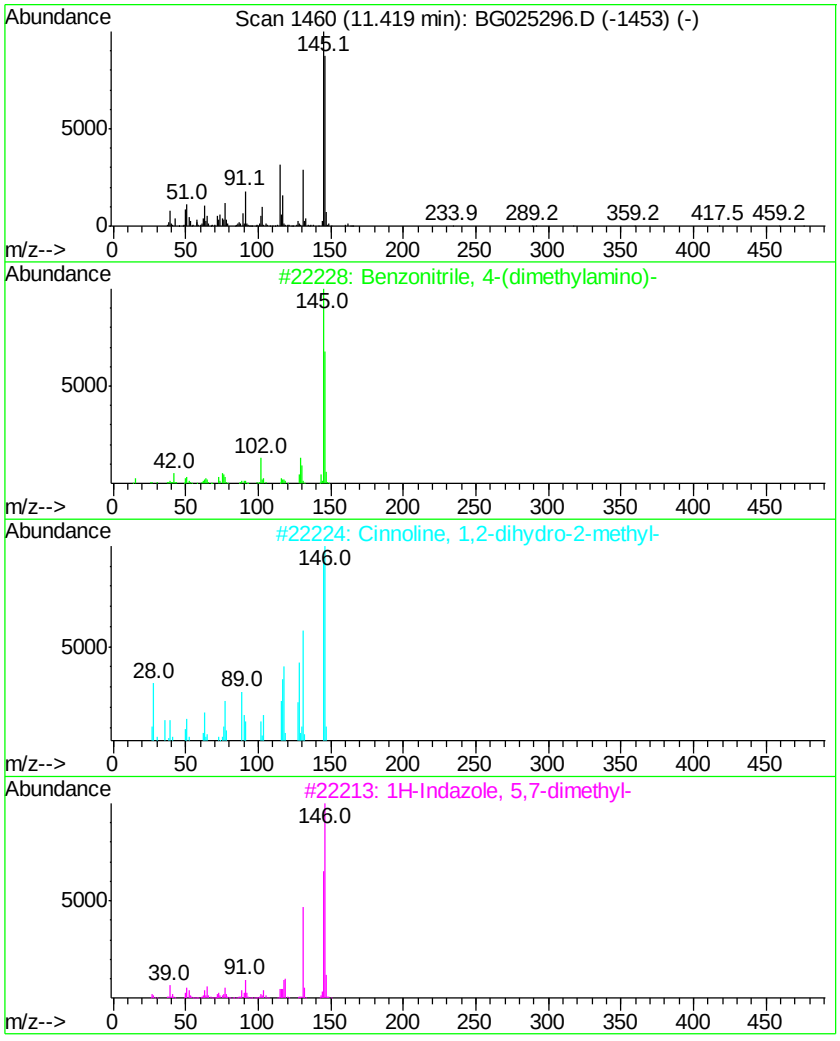
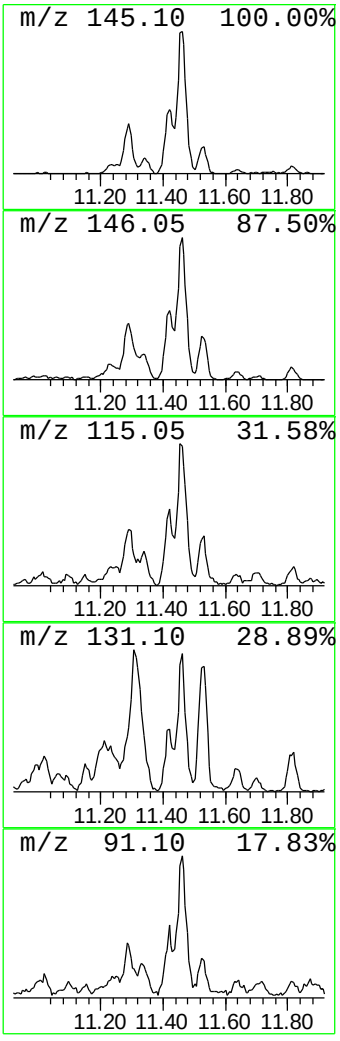
Peak Number 14 Benzonitrile, 4-(dimethylam... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	34.53 ng/ul	904388	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
2	Cinnoline, 1,2-dihydro-2-methyl-	146	C9H10N2	054063-10-4	50
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	47
4	2H-Isoindole, 5,6-dimethyl-	145	C10H11N	070187-63-2	43
5	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	42





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Acq On : 18 Dec 2016 5:20
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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

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

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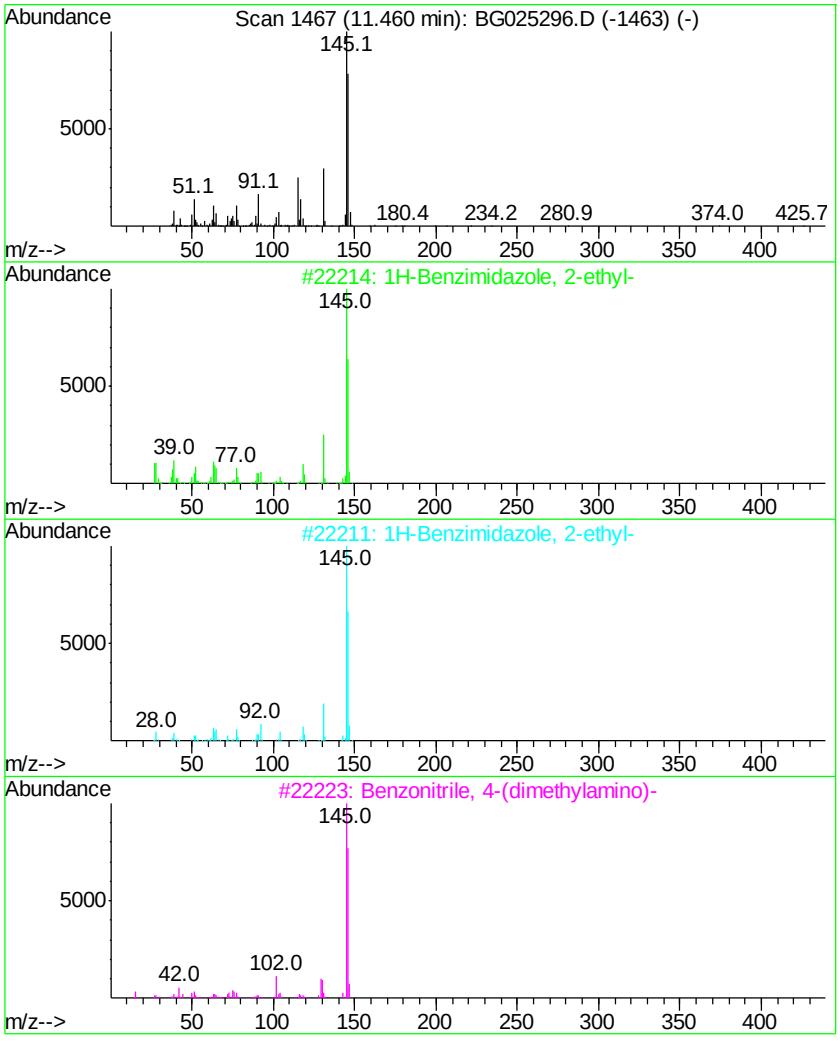
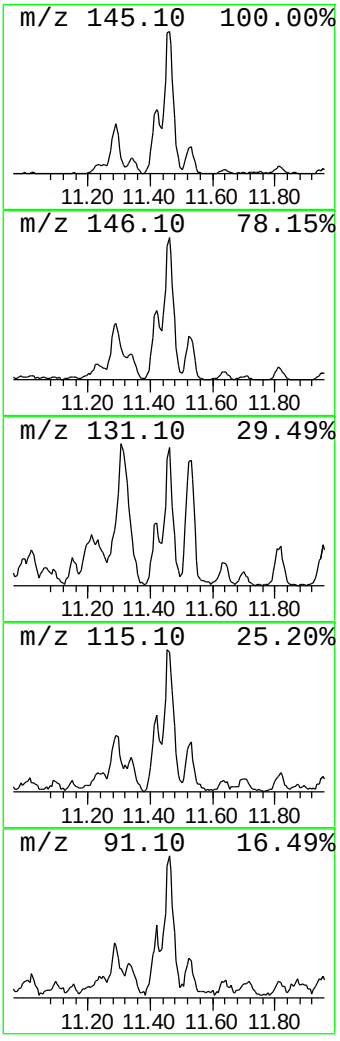
Peak Number 15 1H-Benzimidazole, 2-ethyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	68.45 ng/ul	1792710	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	49





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Sample : H5970-09DL 5X
Misc :
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ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

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

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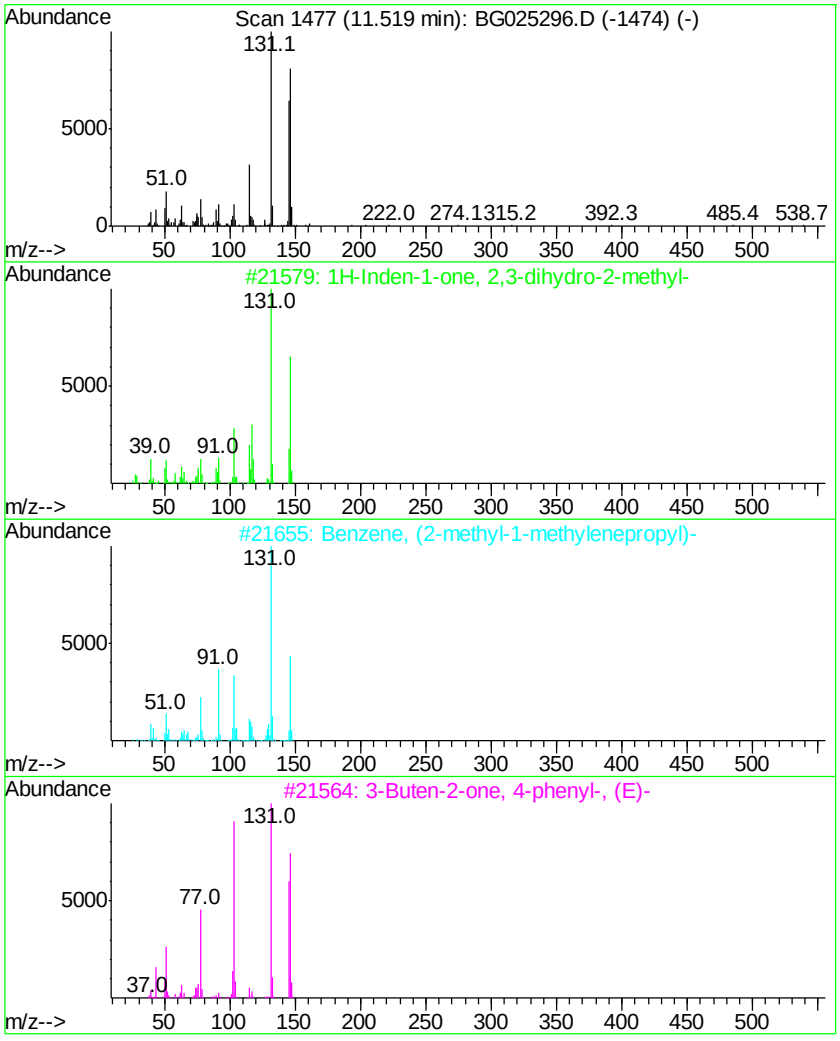
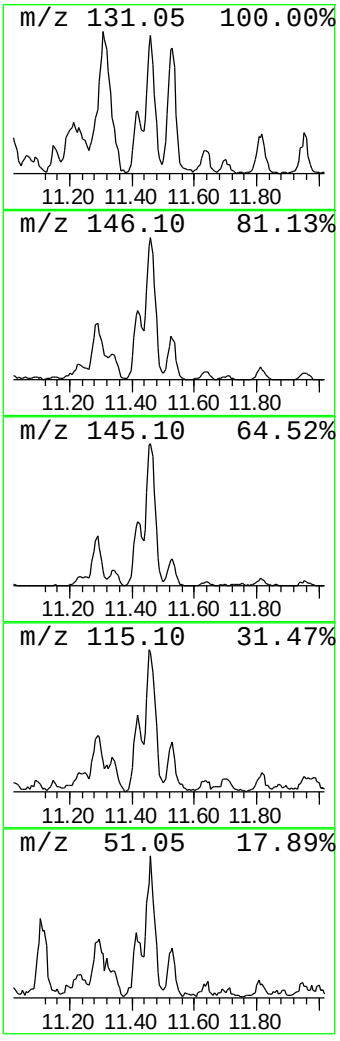
Peak Number 16 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.52	21.14 ng/ul	553753	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83
2	Benzene, (2-methyl-1-methylenepr...	146	C11H14	017498-71-4	76
3	3-Buten-2-one, 4-phenyl-, (E)-	146	C10H10O	001896-62-4	72
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64





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Acq On : 18 Dec 2016 5:20
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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

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

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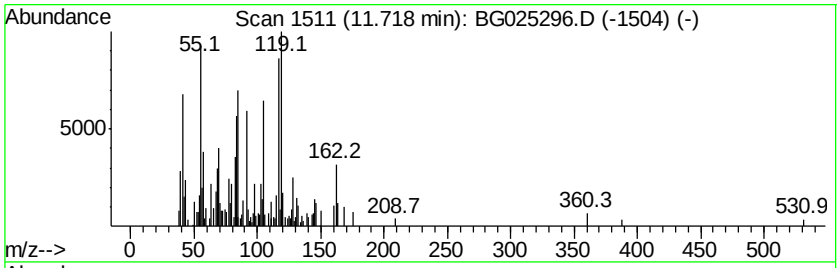
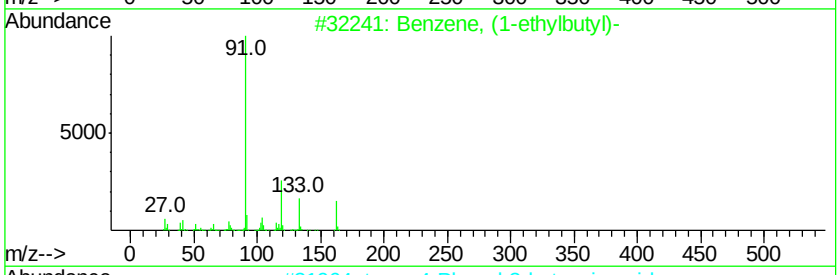
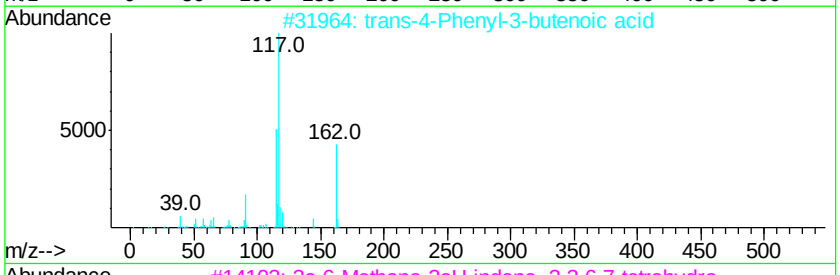
Peak Number 17 unknown-02 Concentration Rank 60

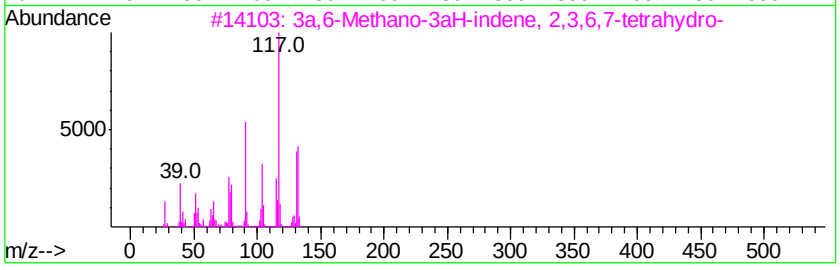
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.72	7.04 ng/ul	184261	Naphthalene-d8	11.06

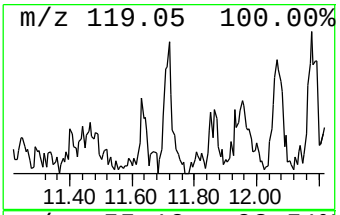
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (1-ethylbutyl)-	162	C12H18	004468-42-2	25
2	trans-4-Phenyl-3-butenoic acid	162	C10H10O2	001914-58-5	18
3	3a,6-Methano-3aH-indene, 2,3,6,7...	132	C10H12	098640-29-0	15
4	Phosphorochloridic acid, nonyl p...	284	C12H26ClO3P	1000309-10-5	14
5	Methyldivinylchlorosilane	132	C5H9ClSi	070745-06-1	14

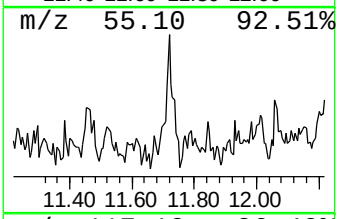


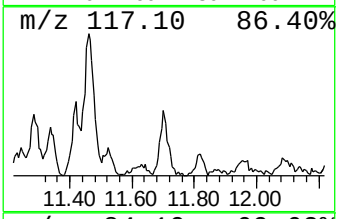


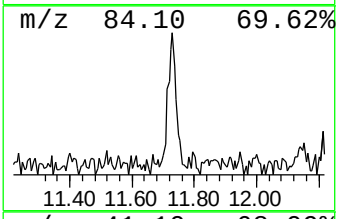


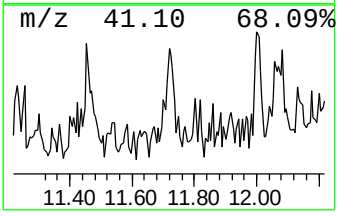












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Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

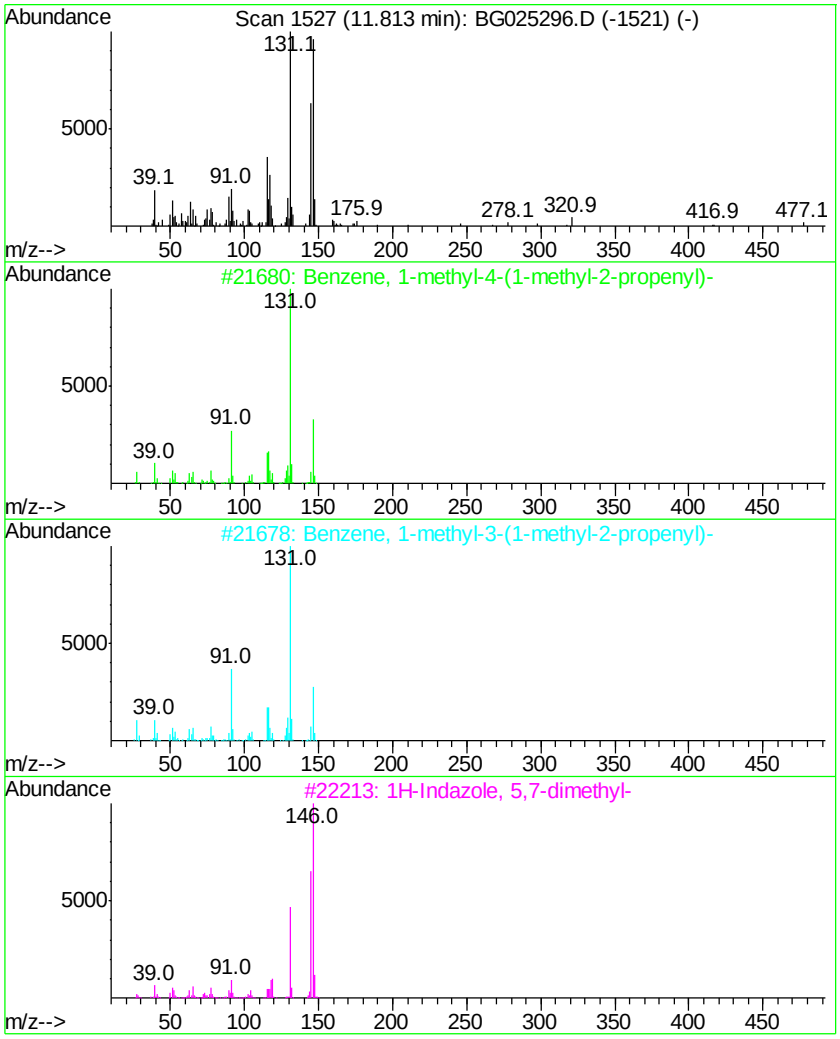
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

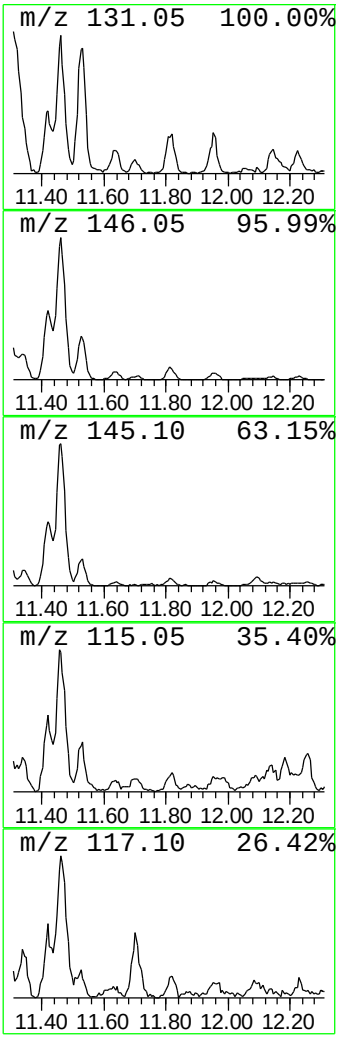
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzene, 1-methyl-4-(1-meth... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	8.03 ng/ul	210413	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-4-(1-methyl-2-...	146	C11H14	097664-18-1	89
2	Benzene, 1-methyl-3-(1-methyl-2-...	146	C11H14	052161-57-6	89
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	87
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	87
5	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	83





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

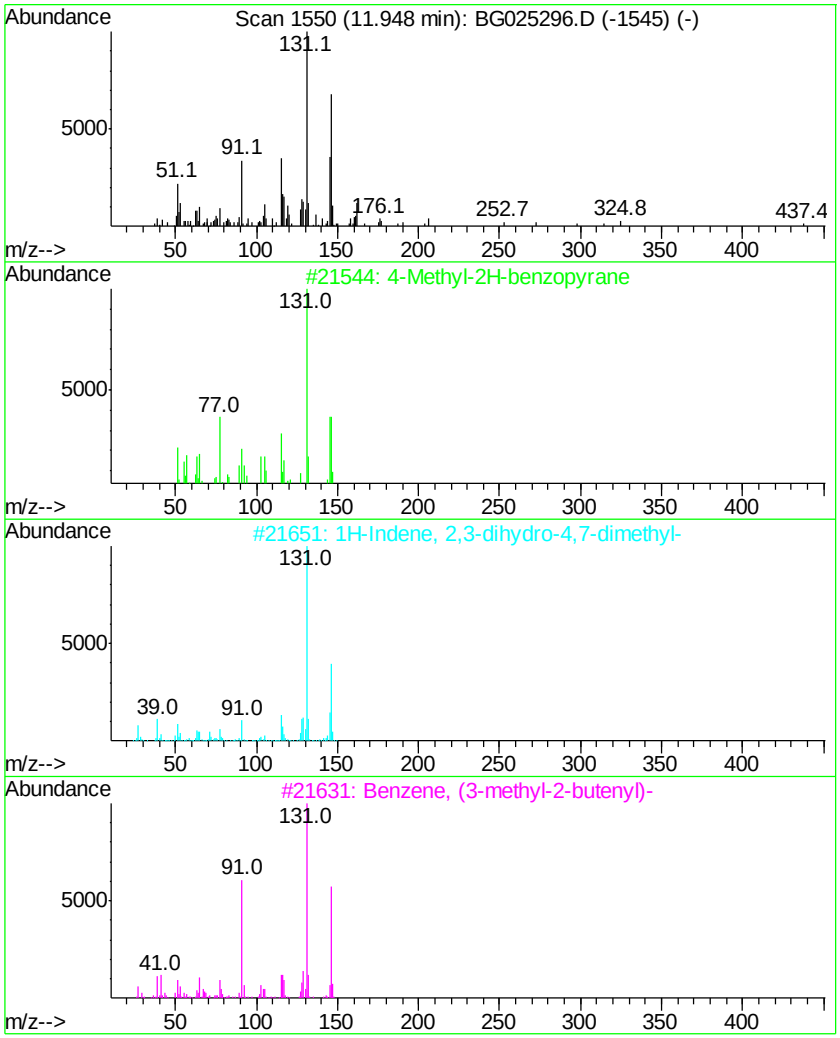
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

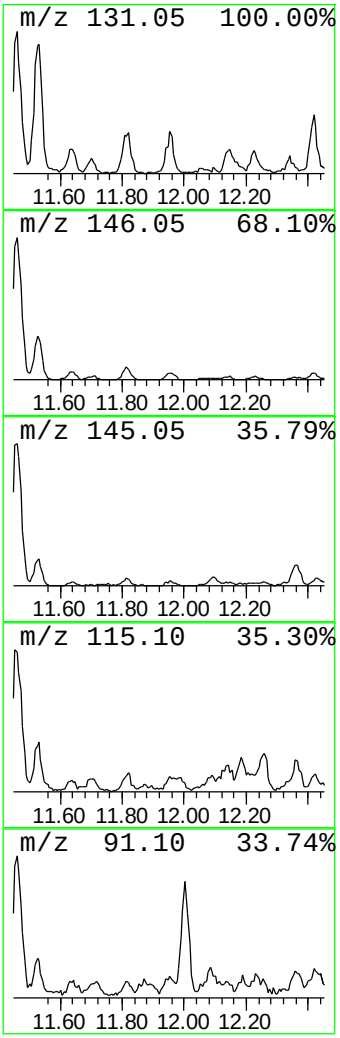
****

Peak Number 19 4-Methyl-2H-benzopyrane Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.95	6.71 ng/ul	175820	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methyl-2H-benzopyrane	146	C10H10O	021776-94-3	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	64
4	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	64
5	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64





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Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

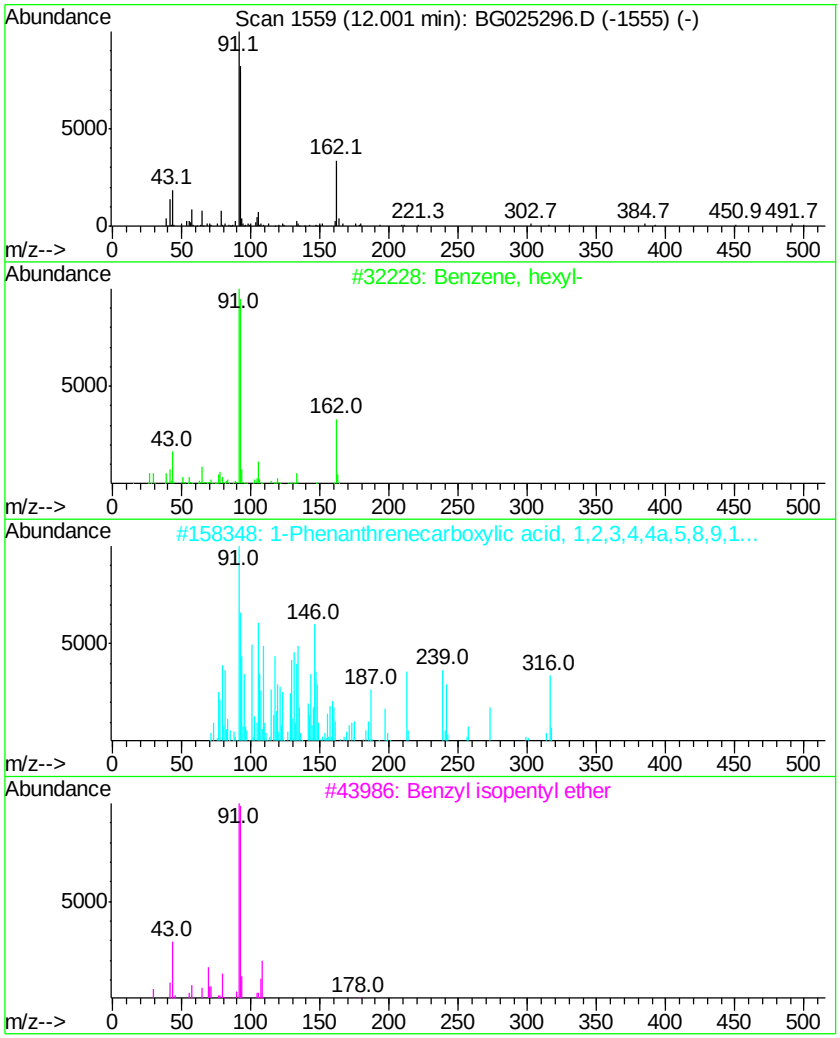
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

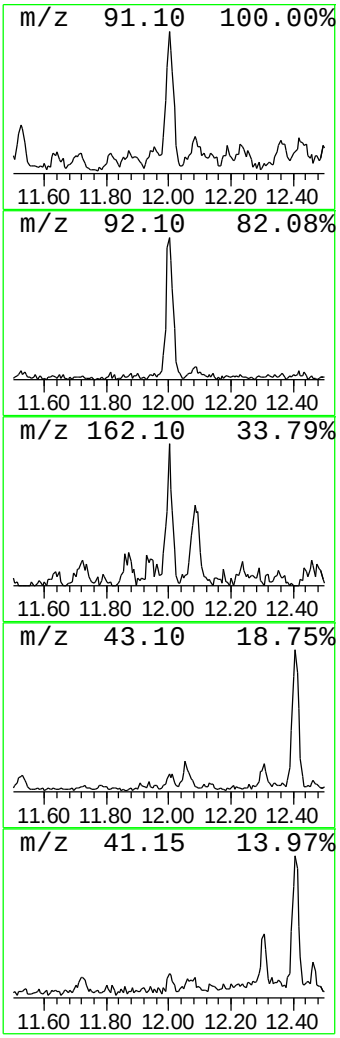
****

Peak Number 20 Benzene, hexyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.00	7.30 ng/ul	191288	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, hexyl-	162	C12H18	001077-16-3	56
2	1-Phenanthrenecarboxylic acid, 1...	316	C21H32O2	033892-22-7	53
3	Benzyl isopentyl ether	178	C12H18O	000122-73-6	53
4	Benzene, heptyl-	176	C13H20	001078-71-3	53
5	Benzene, (2-methylpentyl)-	162	C12H18	039916-61-5	50





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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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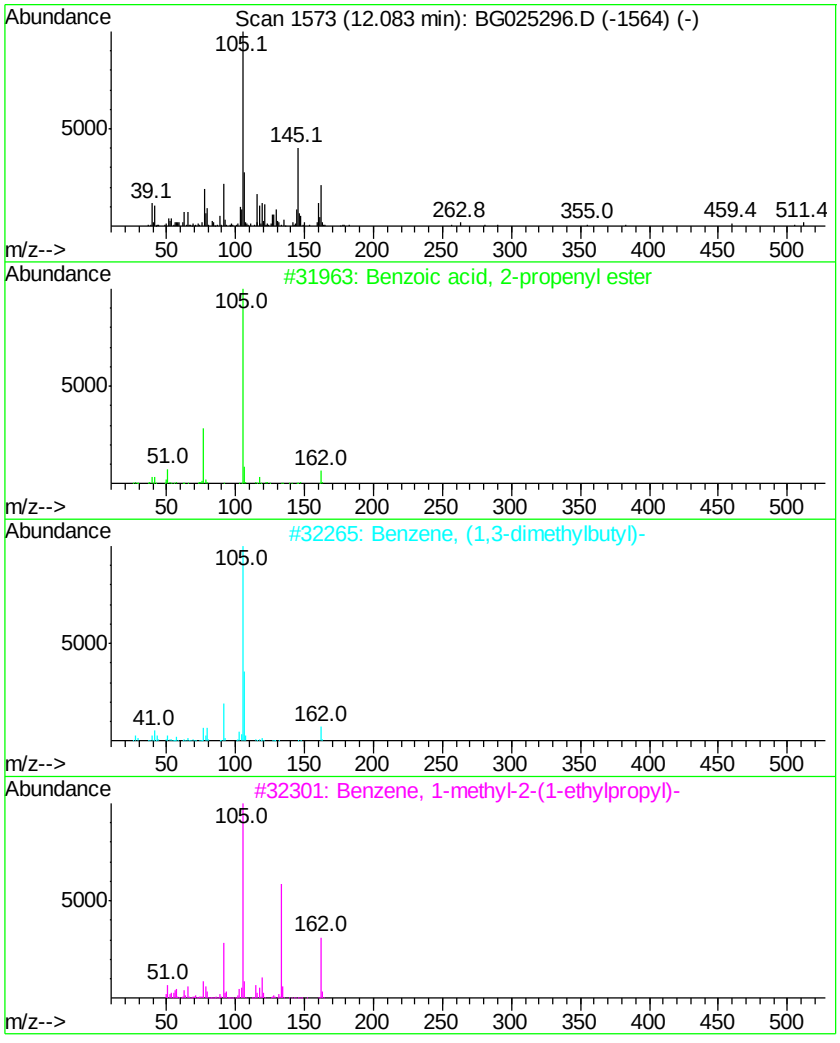
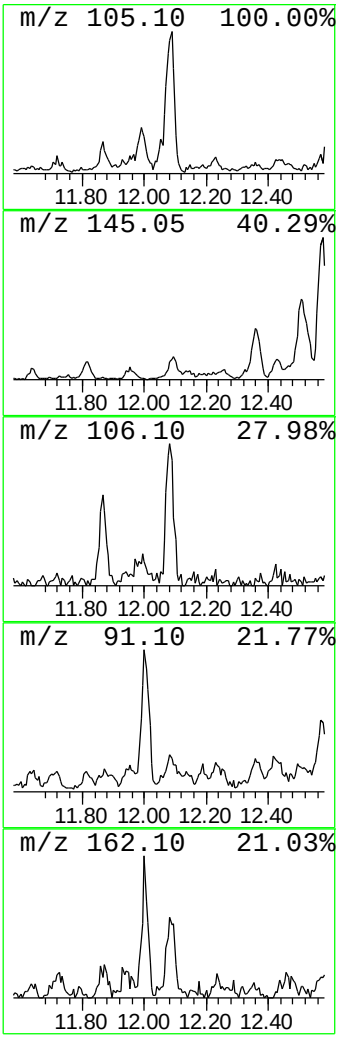
Peak Number 21 unknown-03 Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.08	14.83 ng/ul	388322	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 2-propenyl ester	162	C10H10O2	000583-04-0	27
2	Benzene, (1,3-dimethylbutyl)-	162	C12H18	019219-84-2	14
3	Benzene, 1-methyl-2-(1-ethylprop...	162	C12H18	054410-74-1	14
4	3-Methyl-2-(O-methylbenzyl)butan...	187	C13H17N	029107-37-7	12
5	Benzene, (1-methylpentyl)-	162	C12H18	006031-02-3	11





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

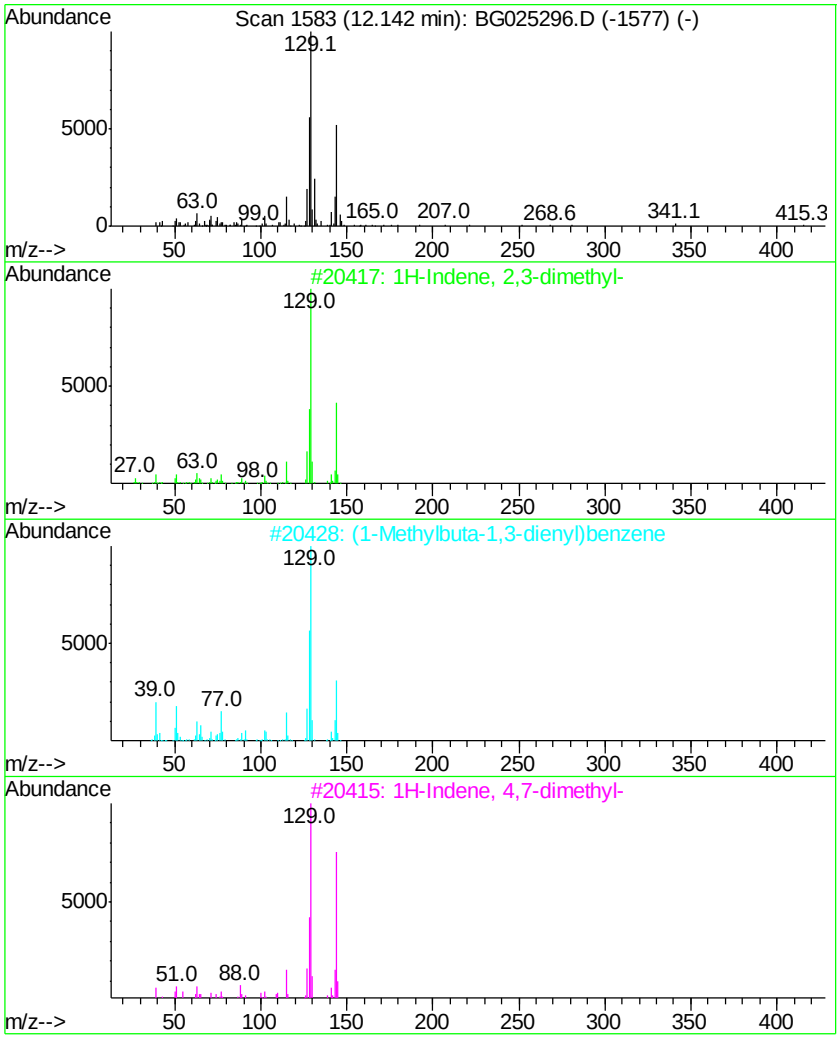
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

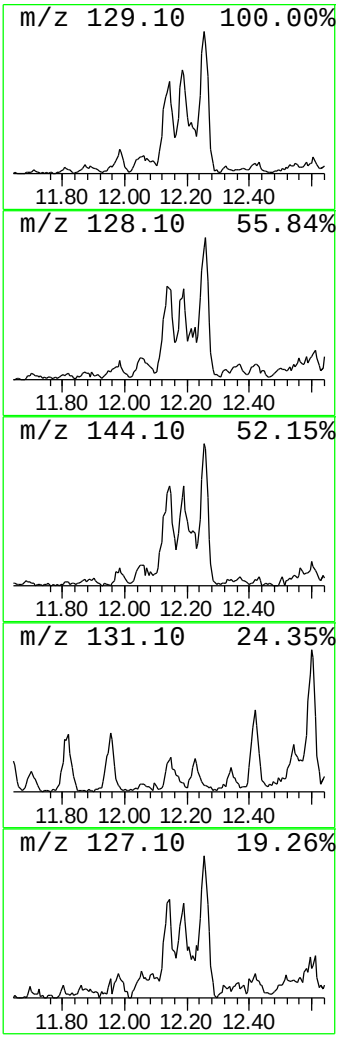
****

Peak Number 22 1H-Indene, 2,3-dimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.14	9.57 ng/ul	250734	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
2	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	83
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	83
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	72
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	68





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

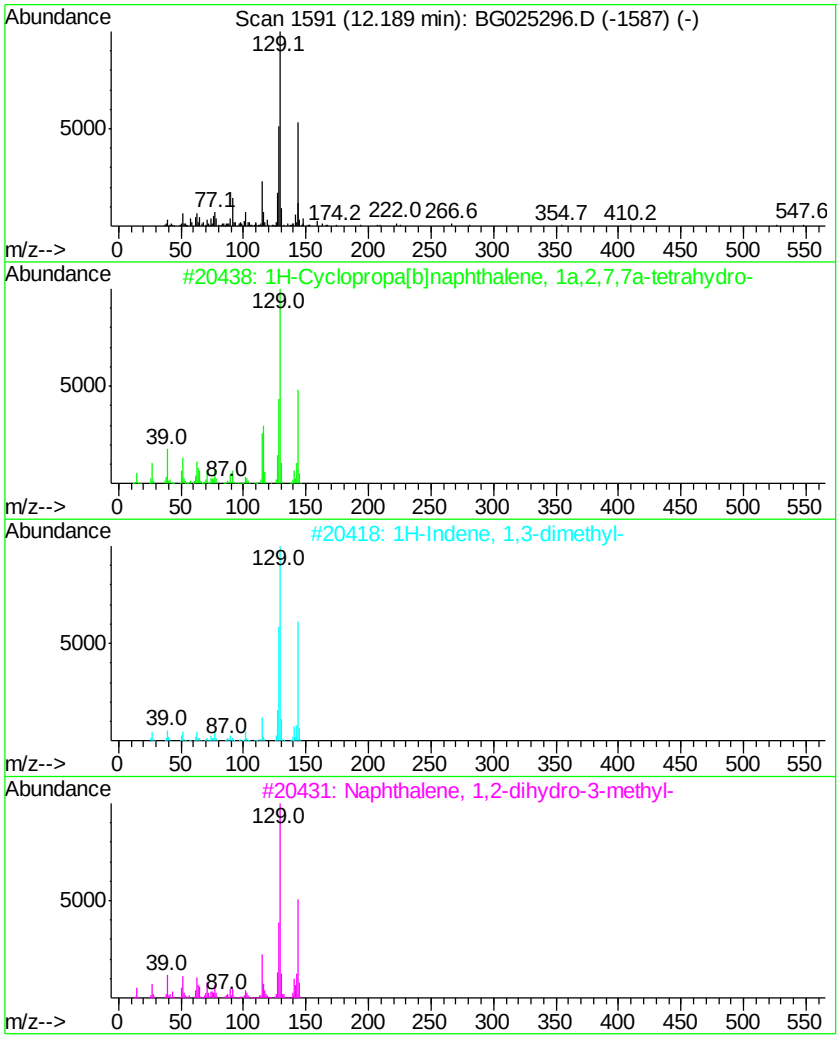
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

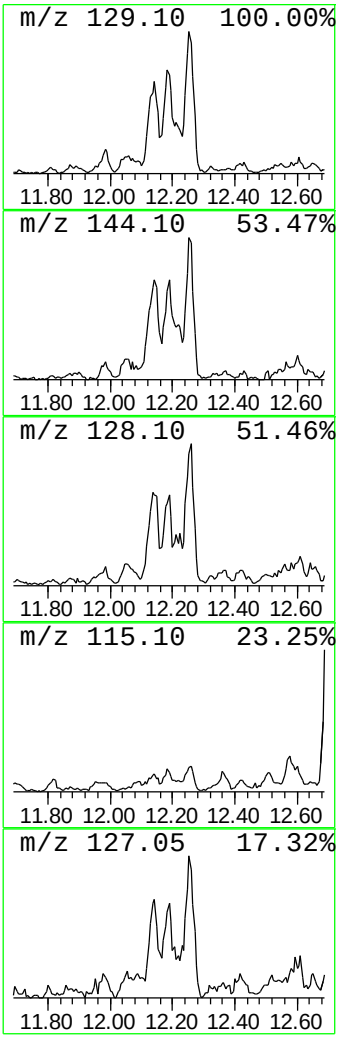
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 1H-Cyclopropa[b]naphthalene... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.19	6.90 ng/ul	180731	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	91
2	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
3	Naphthalene, 1,2-dihydro-3-methyl-	144	C11H12	002717-44-4	90
4	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

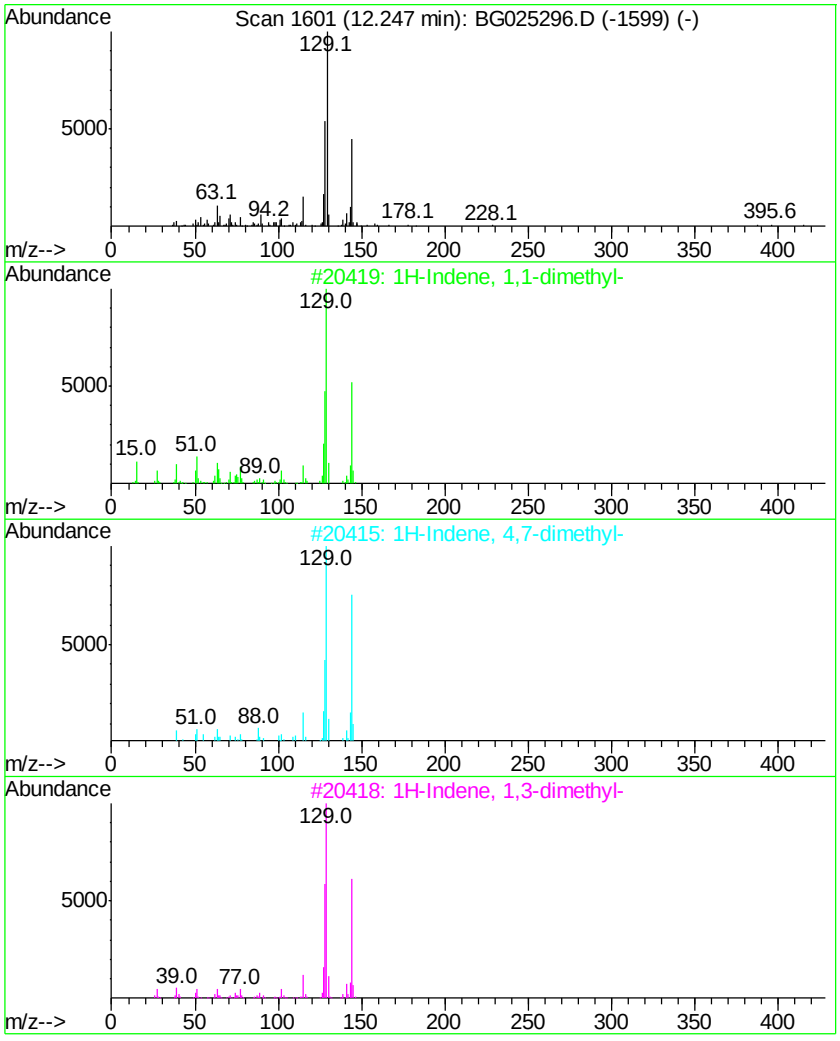
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

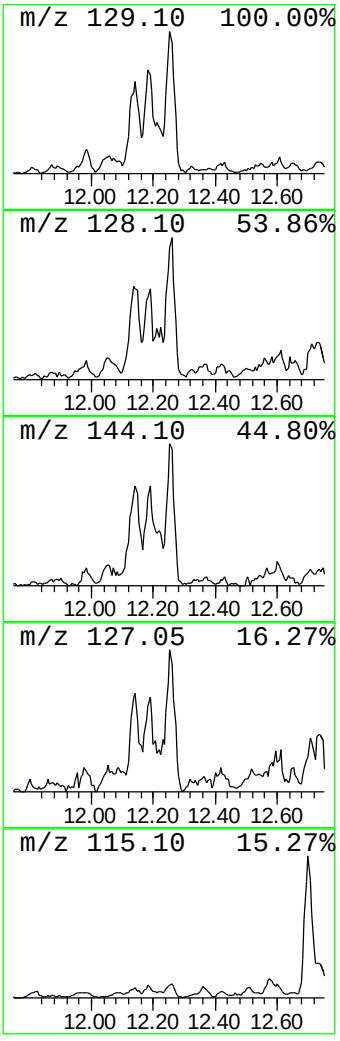
****

Peak Number 24 1H-Indene, 1,1-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	16.61 ng/ul	435041	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	90
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
3	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	83
4	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	80
5	1H-Indene, 1-ethenyl-2,3-dihydro-	144	C11H12	051783-46-1	72





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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

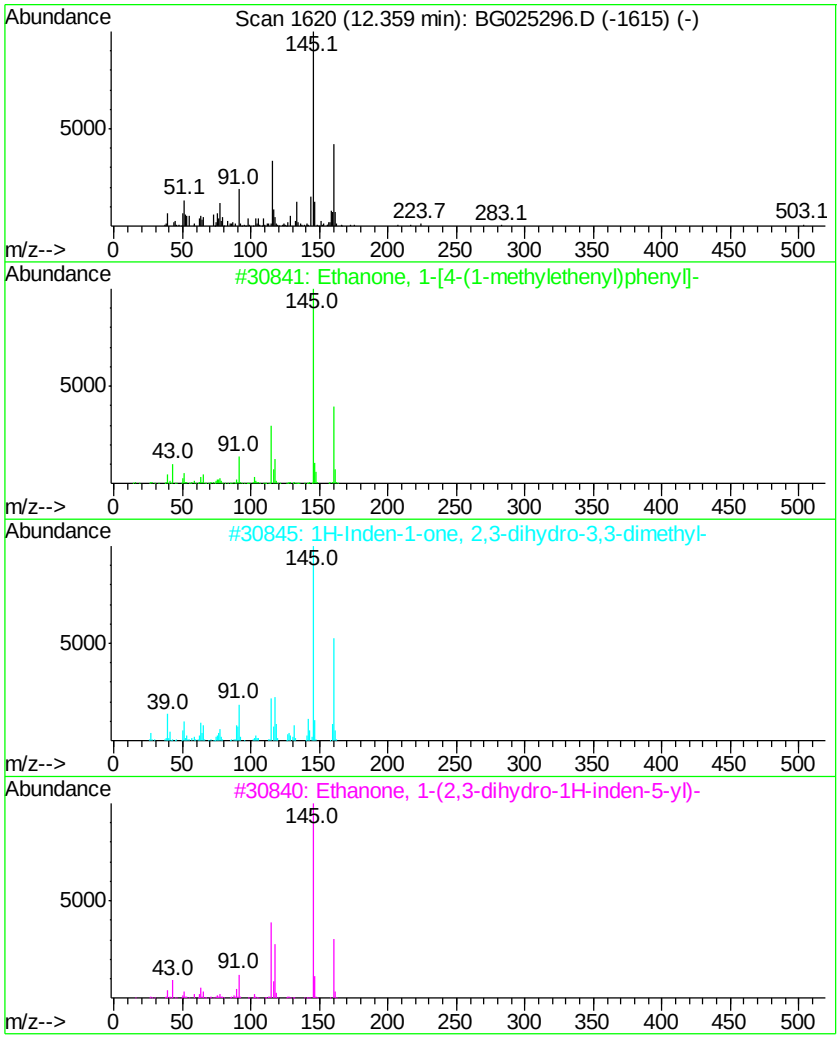
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

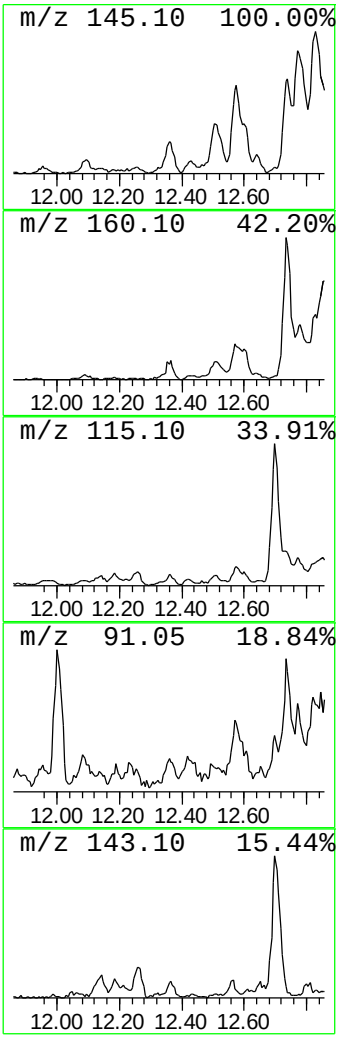
****

Peak Number 25 Ethanone, 1-[4-(1-methyleth... Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.36	7.91 ng/ul	207220	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	81
2	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	72
4	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	72
5	1H-Pyrrolo[2,3-b]pyridine, 2-(1-...	160	C10H12N2	027257-18-7	64





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

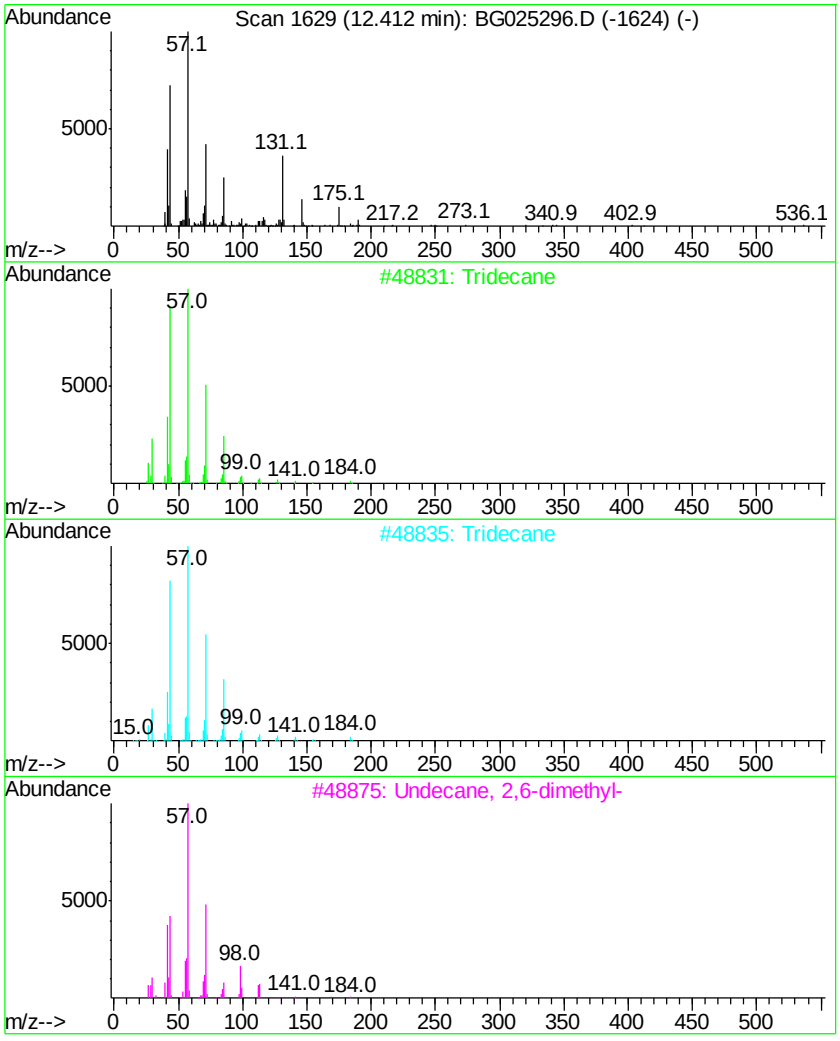
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

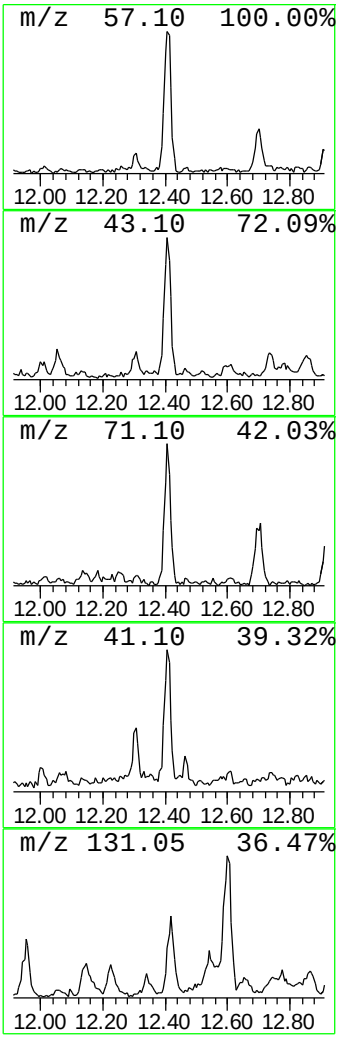
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	19.00 ng/ul	497480	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	64
2	Tridecane	184	C13H28	000629-50-5	64
3	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50
4	Heptane, 3,4-dimethyl-	128	C9H20	000922-28-1	49
5	Hexadecane	226	C16H34	000544-76-3	49





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

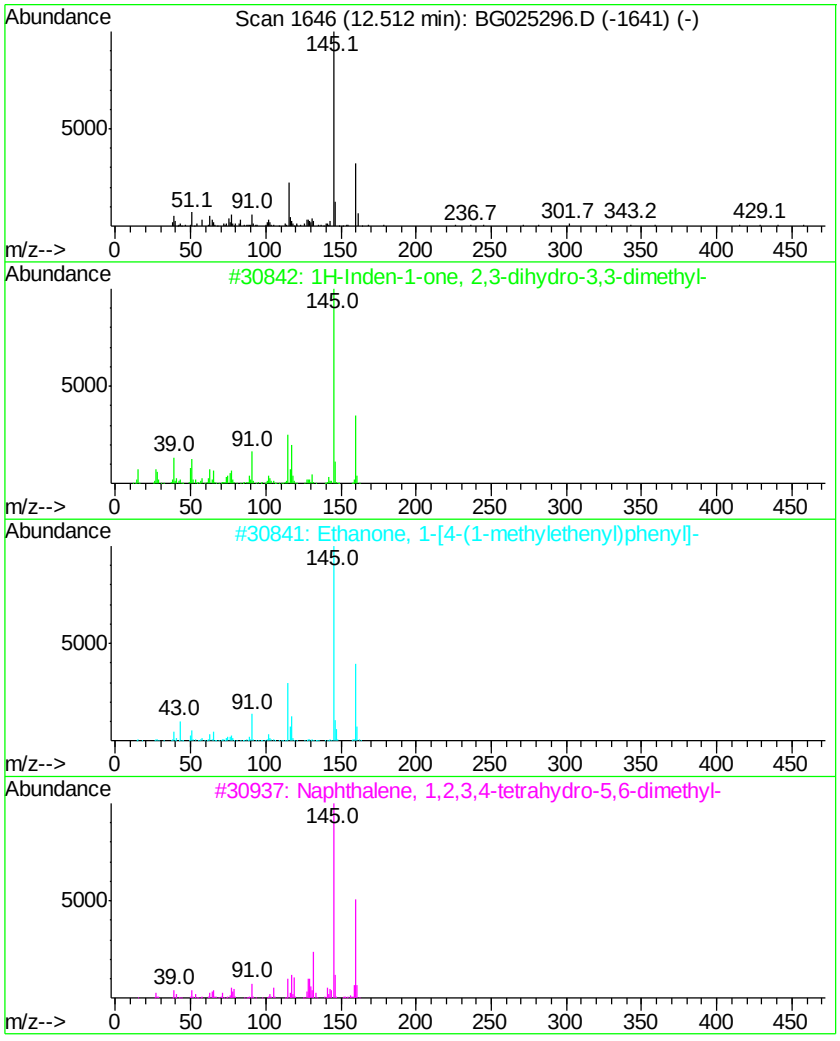
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

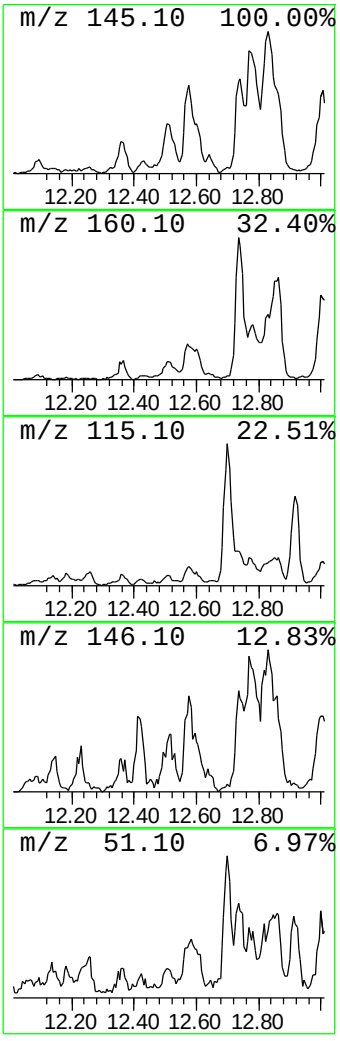
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 27 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.51	8.99 ng/ul	235322	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	90
2	Ethanone, 1-[4-(1-methylethenyl)...	160	C11H12O	005359-04-6	80
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	64
4	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	59
5	Diethylmalonic acid, di(3,4,5-tr...	448	C21H18F6O4	1000369-27-4	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

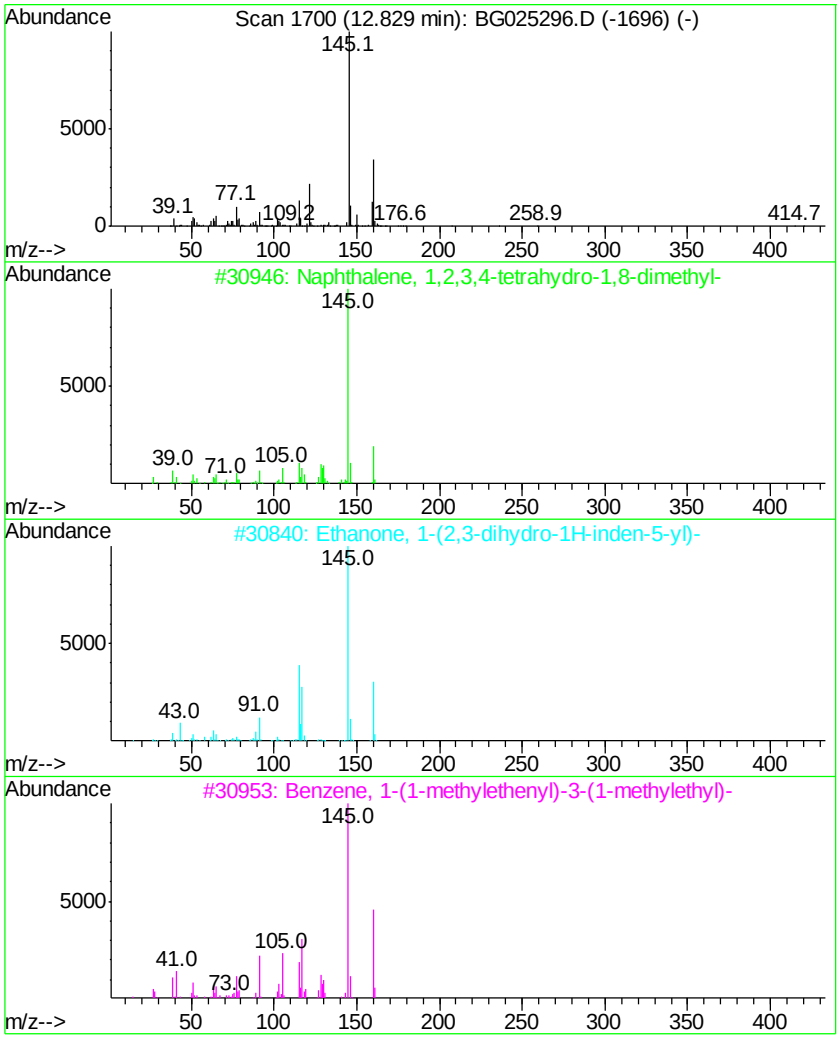
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

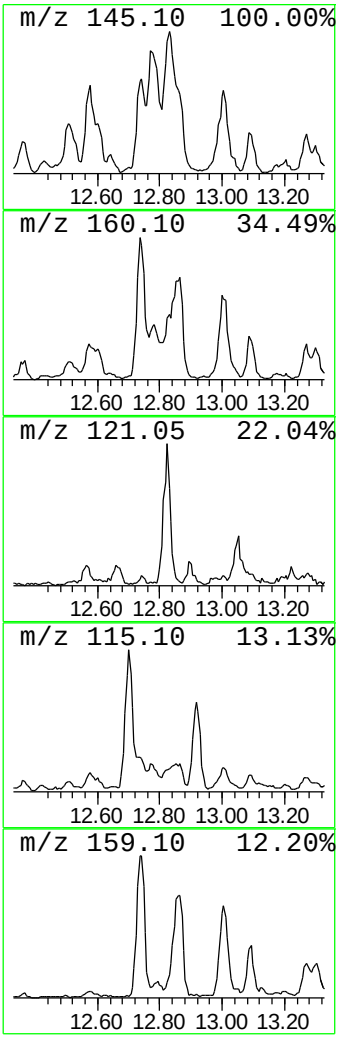
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.83	14.83 ng/ul	388390	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	59
2	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	50
3	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	50
4	Isoquinoline, 2-oxide	145	C9H7NO	001532-72-5	47
5	1H-1,2,3-Triazole, 4-phenyl-	145	C8H7N3	001680-44-0	47





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Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

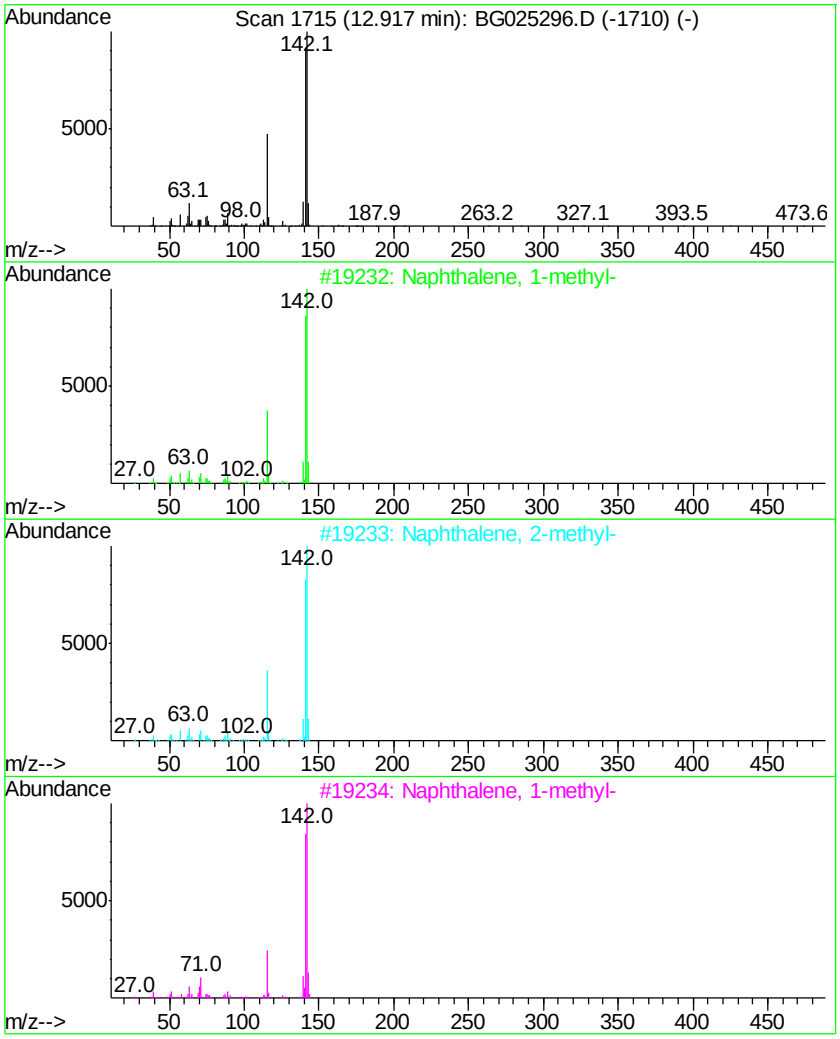
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

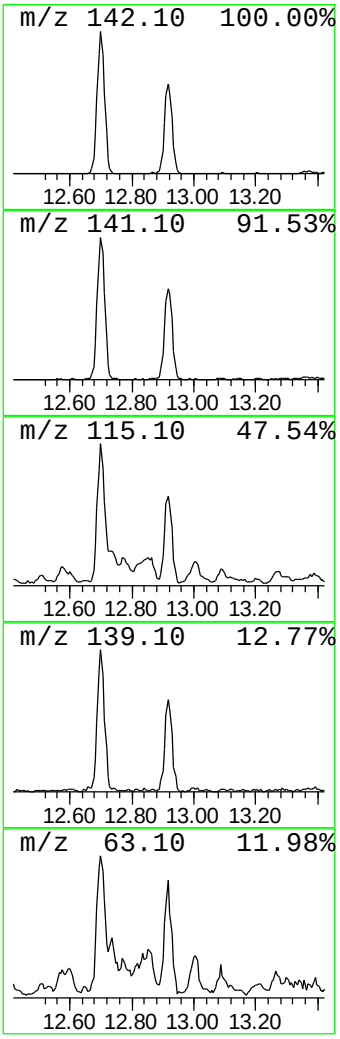
****

Peak Number 31 Naphthalene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	51.89 ng/ul	1359110	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

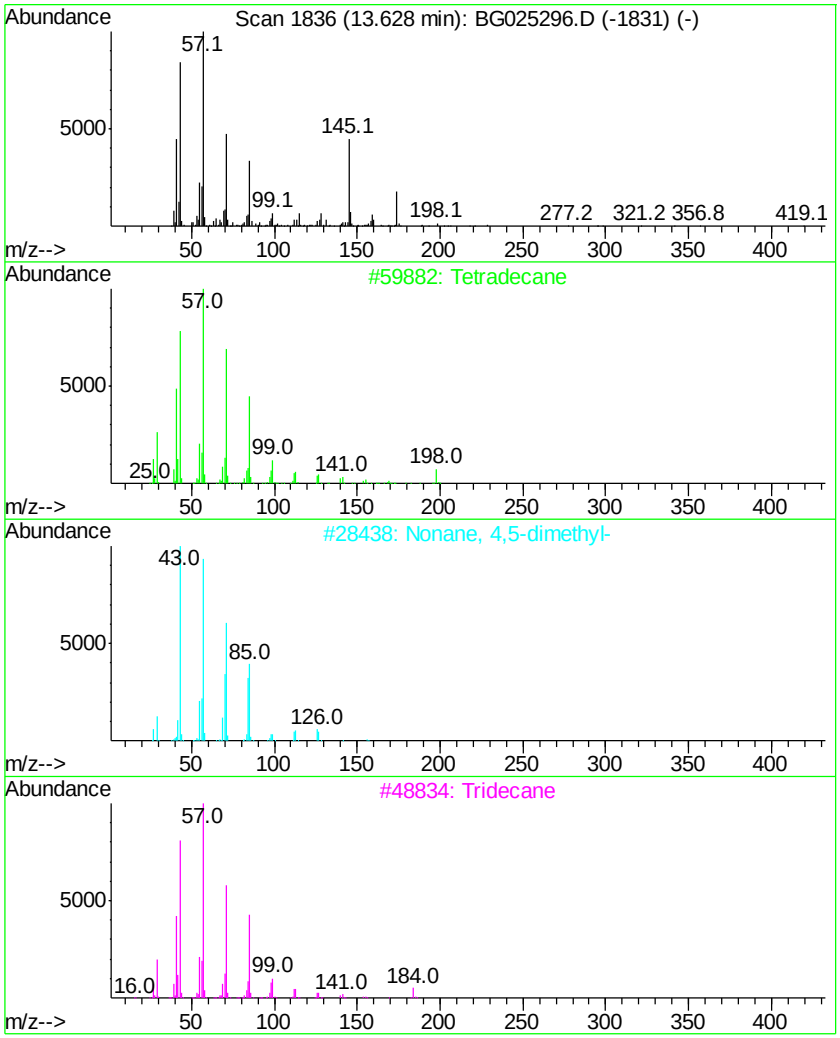
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

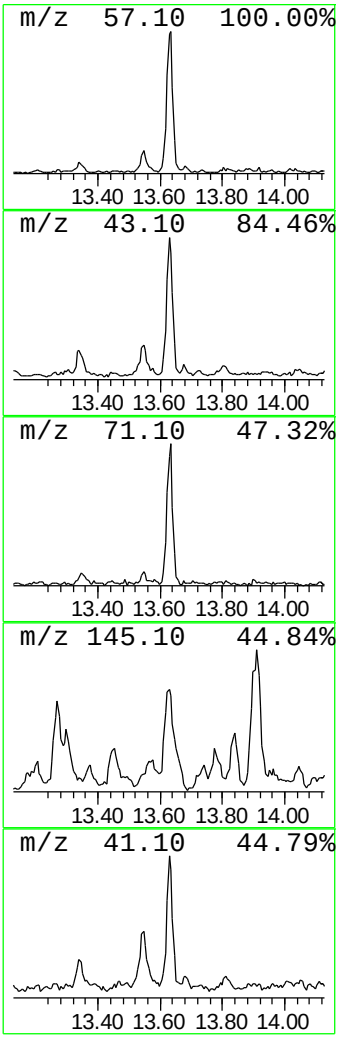
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	23.41 ng/ul	941180	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	55
2	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	50
3	Tridecane	184	C13H28	000629-50-5	49
4	Tetradecane	198	C14H30	000629-59-4	49
5	Octane, 2-methyl-	128	C9H20	003221-61-2	49





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Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

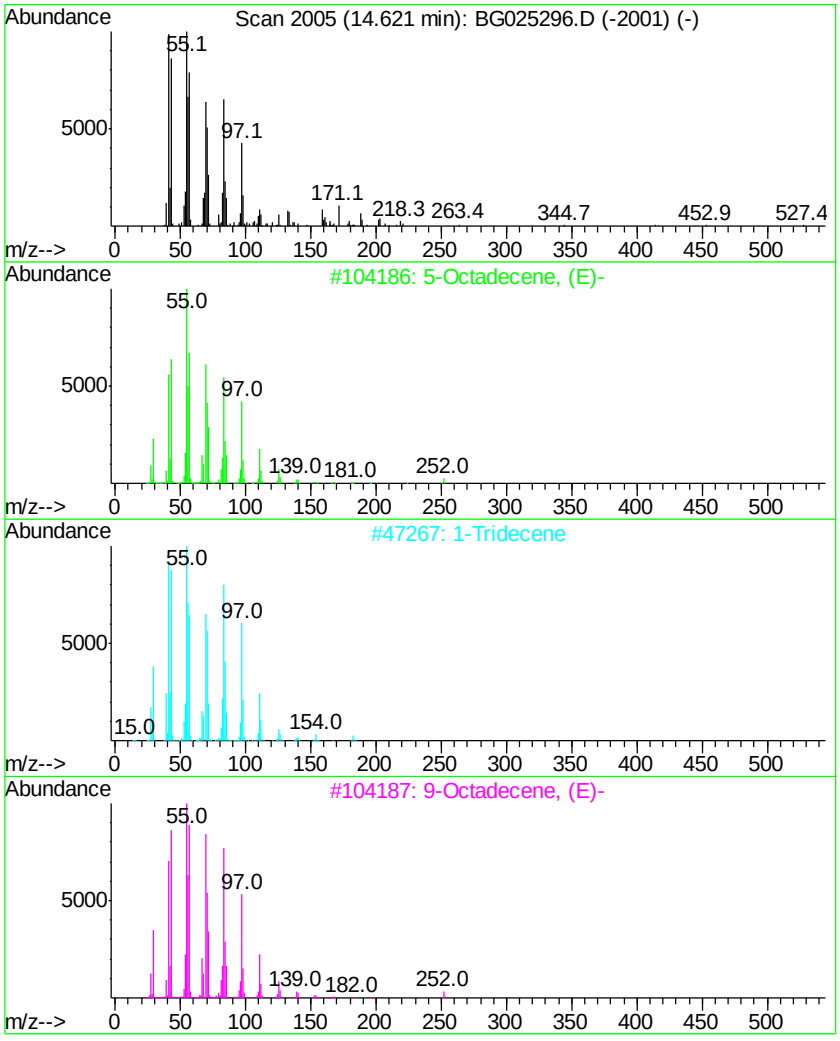
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

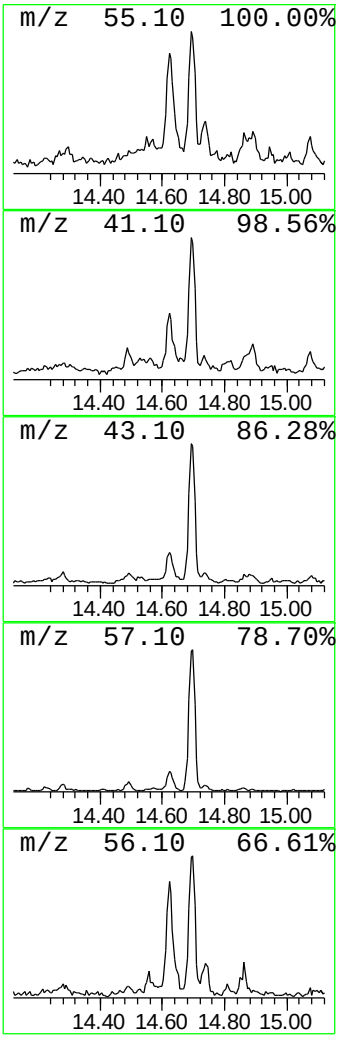
****

Peak Number 48 (DEL) Alkane: Cyclic14.62 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	9.73 ng/ul	391369	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Octadecene, (E)-	252	C18H36	007206-21-5	90
2	1-Tridecene	182	C13H26	002437-56-1	90
3	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
4	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	90
5	6-Tridecene, (Z)-	182	C13H26	006508-77-6	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

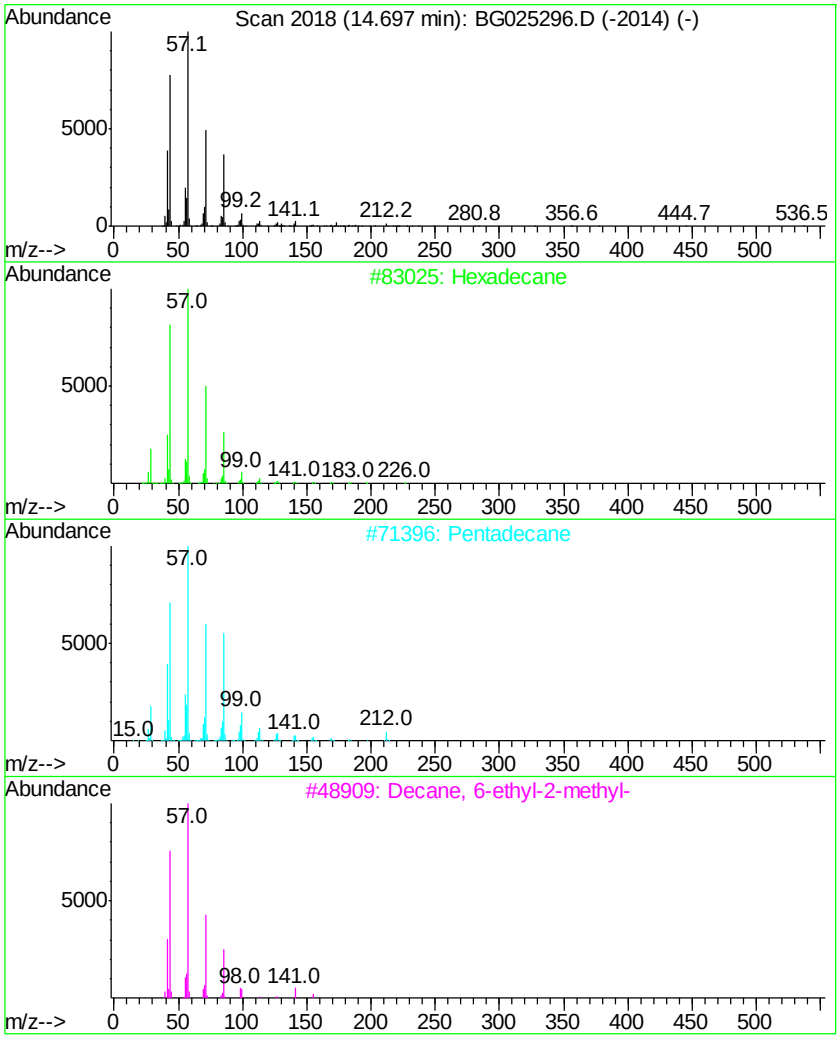
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

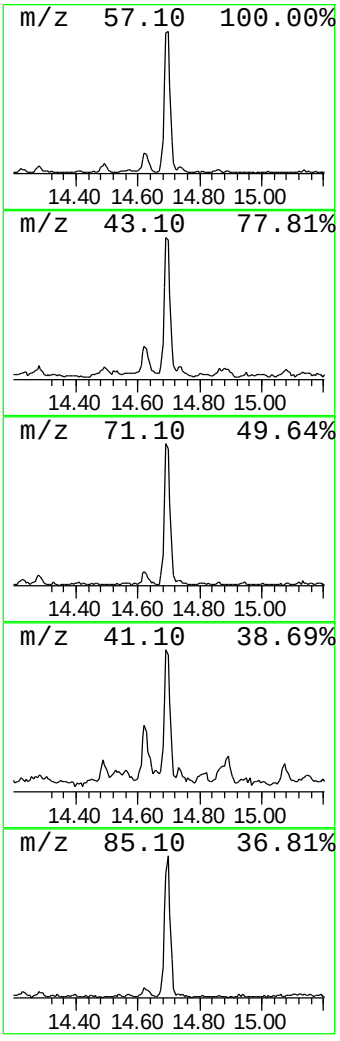
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.70	24.06 ng/ul	967464	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Undecane	156	C11H24	001120-21-4	80





Library Search Compound Report

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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

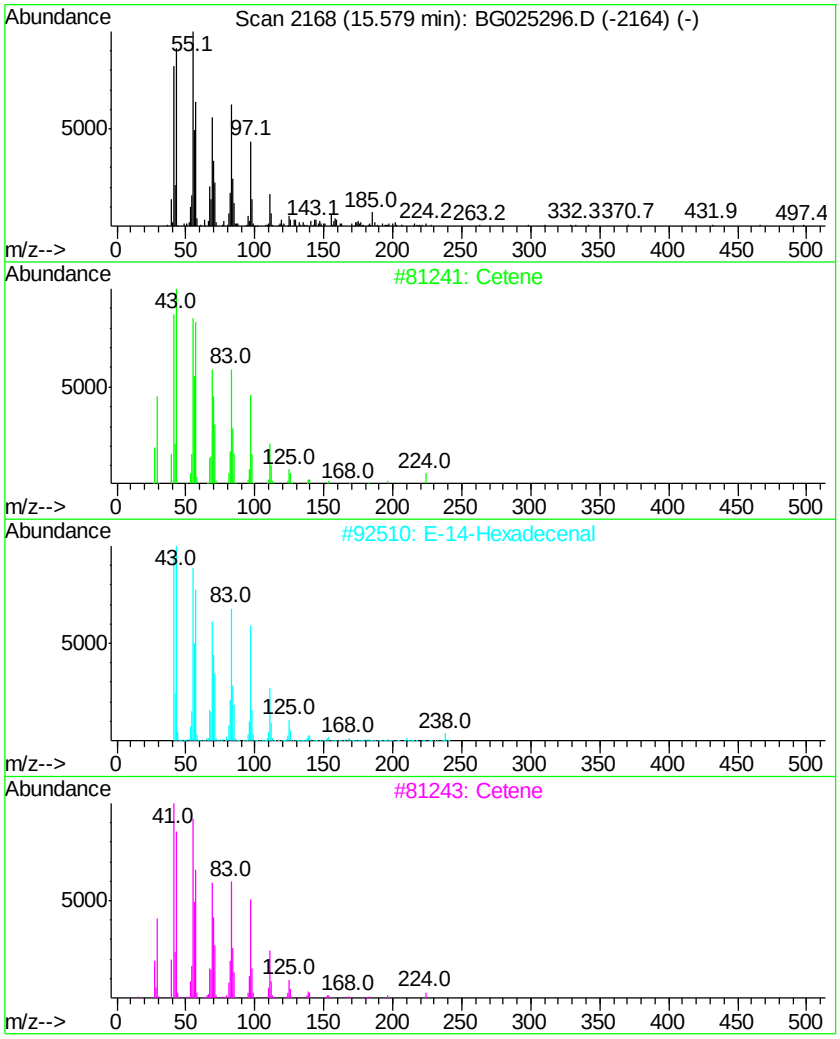
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

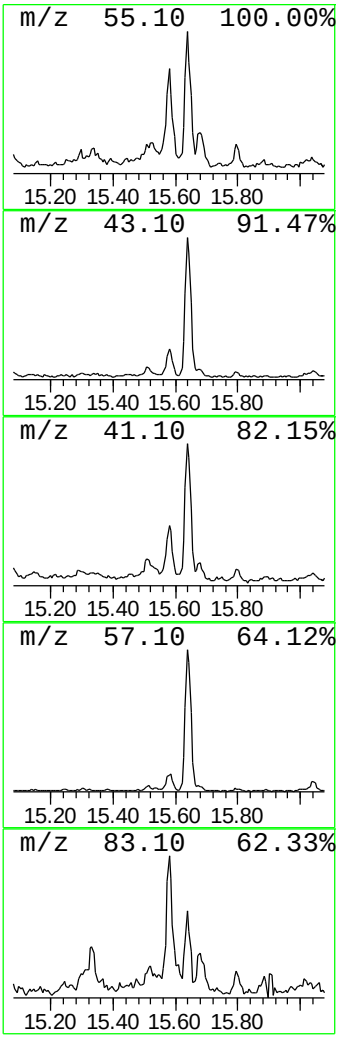
****

Peak Number 56 (DEL) Alkane: Cyclic15.58 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	9.65 ng/ul	387963	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cetene	224	C16H32	000629-73-2	93
2	E-14-Hexadecenal	238	C16H30O	330207-53-9	87
3	Cetene	224	C16H32	000629-73-2	87
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	87
5	1-Tridecene	182	C13H26	002437-56-1	83





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Acq On : 18 Dec 2016 5:20
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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

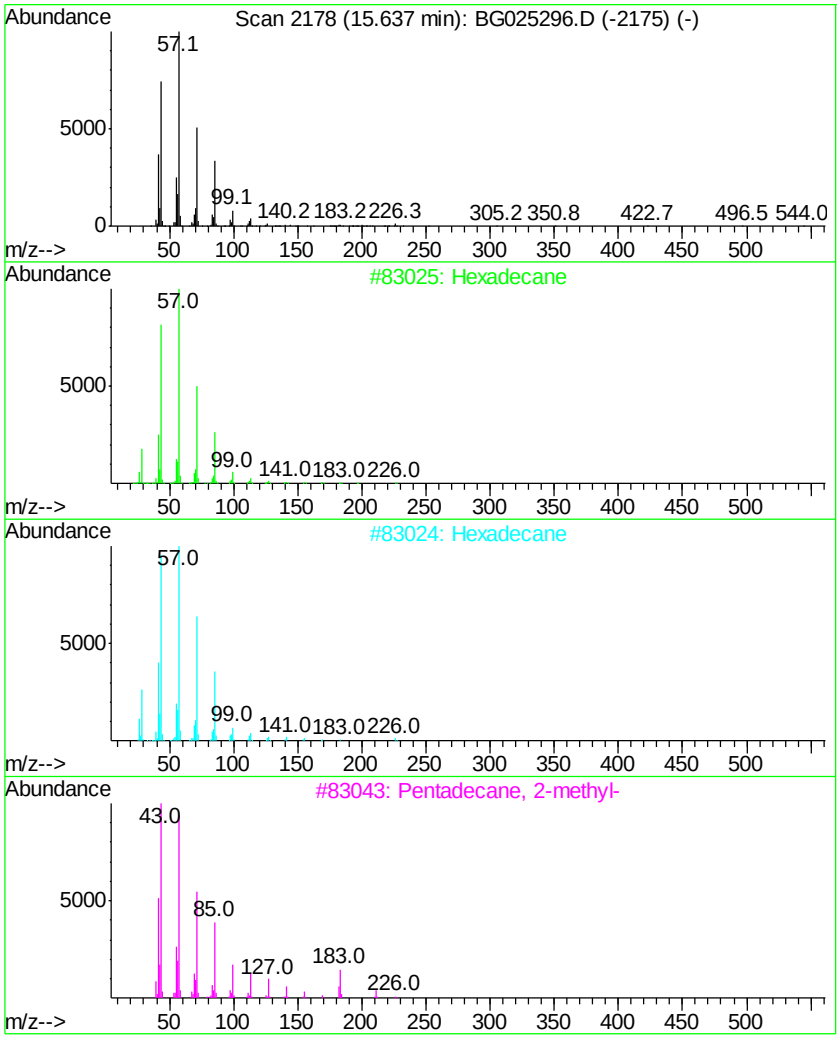
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

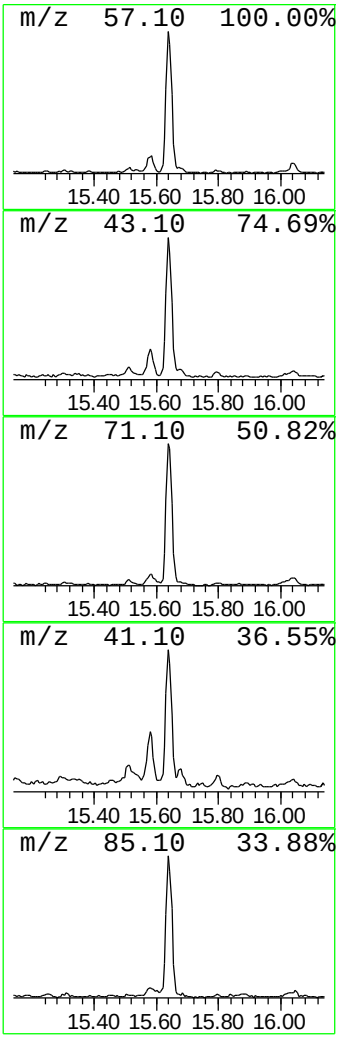
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	30.62 ng/ul	1231120	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Pentadecane, 2-methyl-	226	C16H34	001560-93-6	83
4	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	83
5	Hexadecane	226	C16H34	000544-76-3	74





Library Search Compound Report

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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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Quant Title : SVOA CALIBRATION

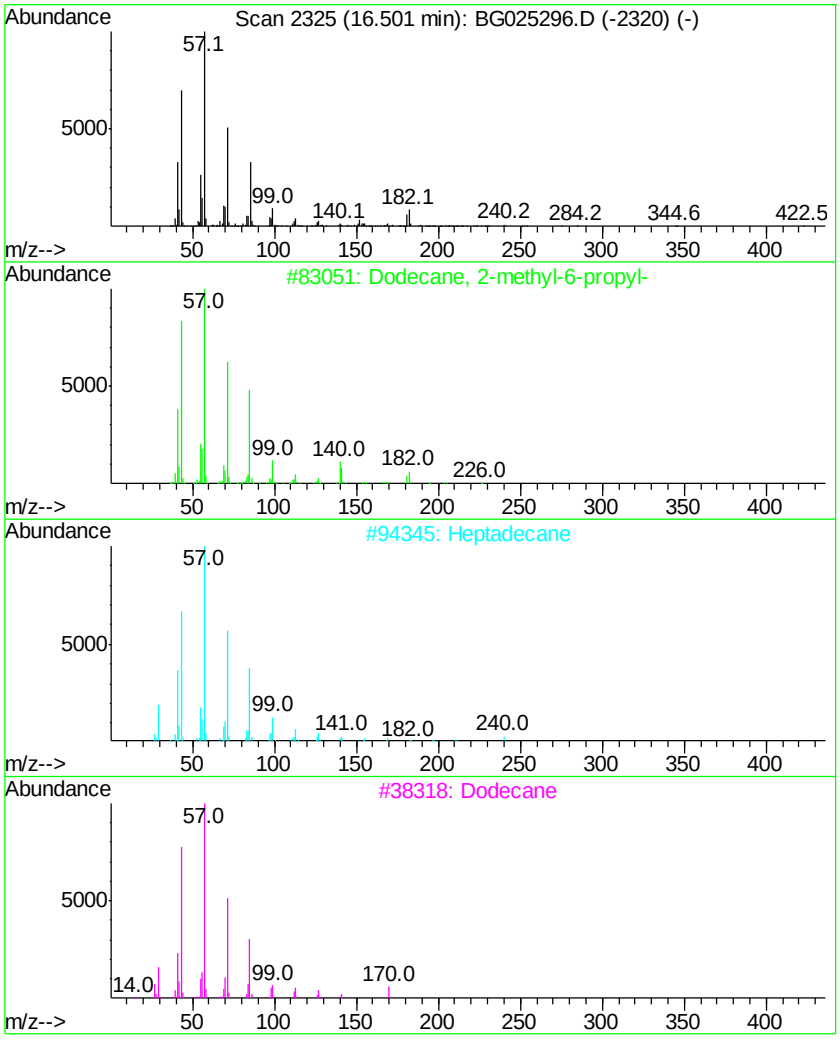
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

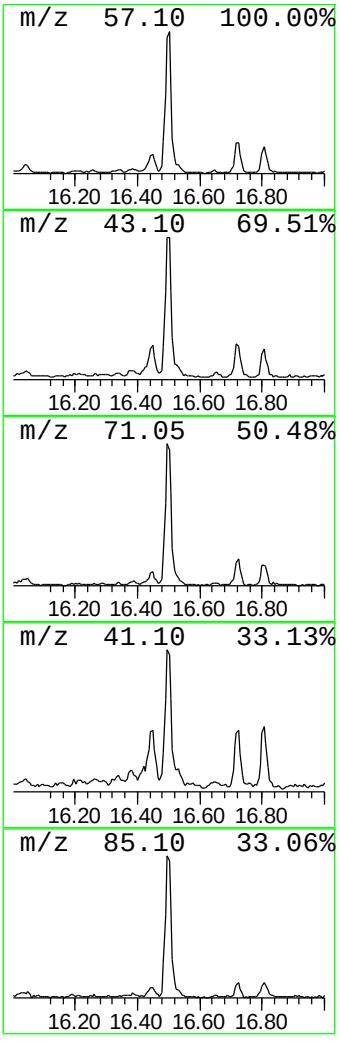
****

Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	31.11 ng/ul	1634570	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	93
2	Heptadecane	240	C17H36	000629-78-7	93
3	Dodecane	170	C12H26	000112-40-3	87
4	Tridecane	184	C13H28	000629-50-5	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

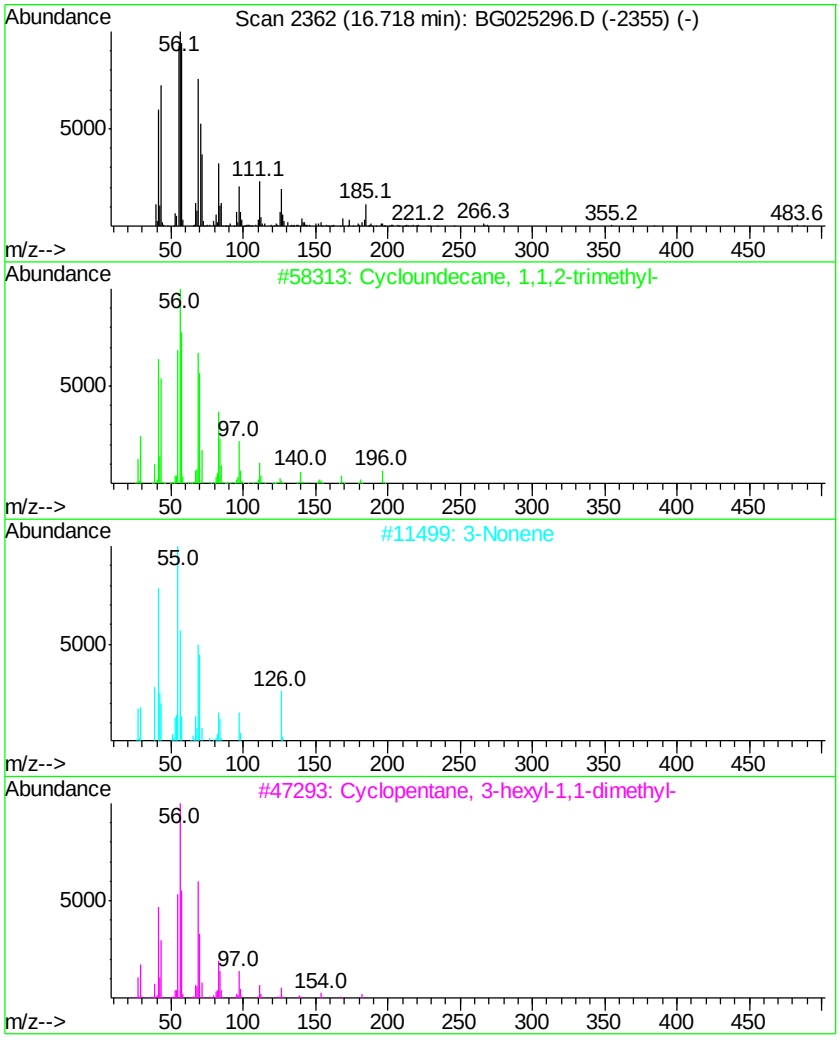
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

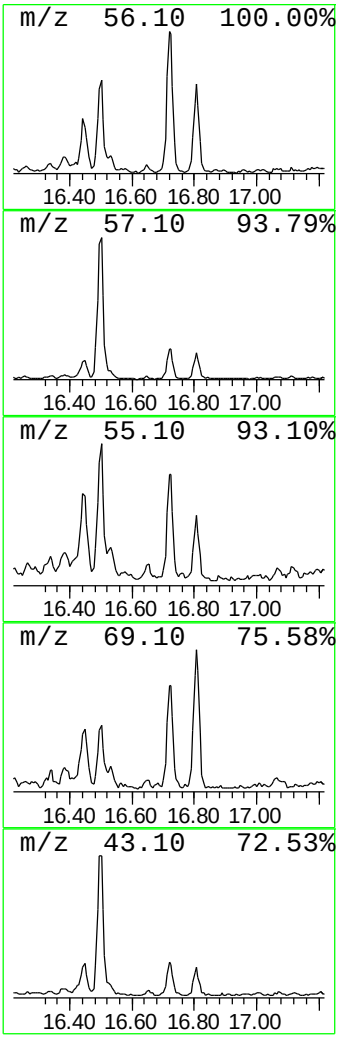
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	17.62 ng/ul	925861	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloundecane, 1,1,2-trimethyl-	196	C14H28	062376-15-2	64
2	3-Nonene	126	C9H18	020063-77-8	53
3	Cyclopentane, 3-hexyl-1,1-dimethyl-	182	C13H26	061142-65-2	52
4	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	49
5	3-Decene	140	C10H20	019398-37-9	49





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Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

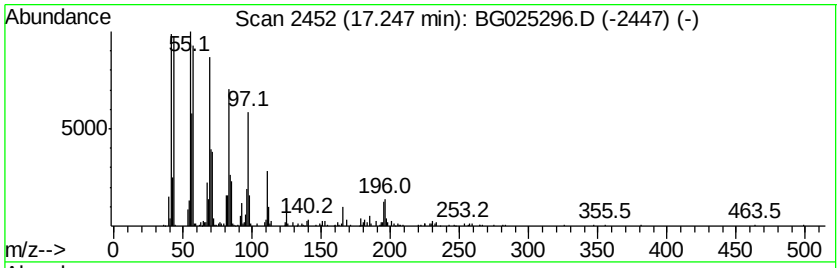
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

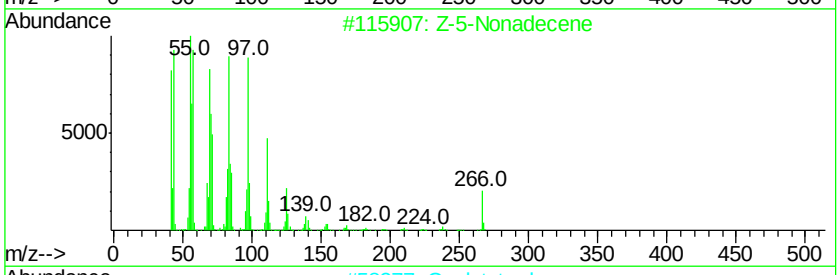
****

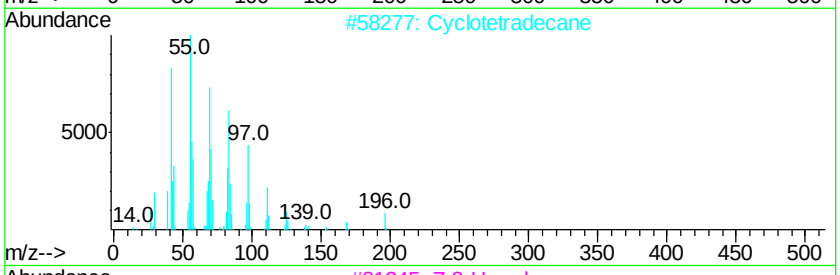
Peak Number 65 (DEL) Alkane: Cyclic17.25 Concentration Rank 51

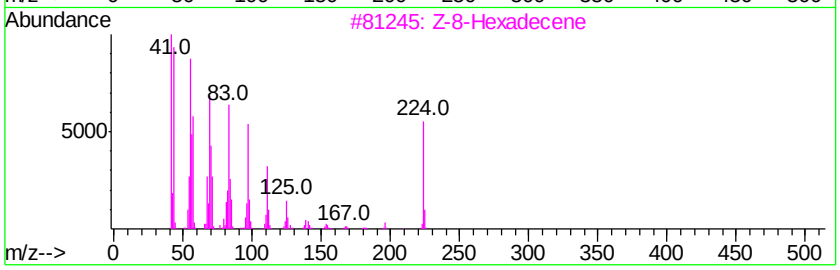
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	8.74 ng/ul	459257	Phenanthrene-d10	17.60

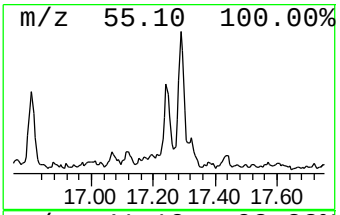
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2	Cyclotetradecane	196	C14H28	000295-17-0	93
3	Z-8-Hexadecene	224	C16H32	1000130-87-5	91
4	Disparlure	282	C19H38O	029804-22-6	91
5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91

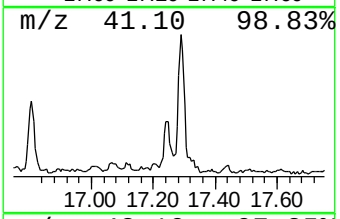


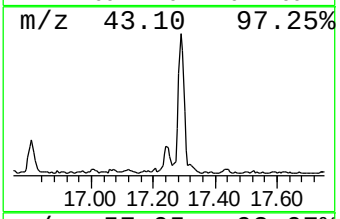


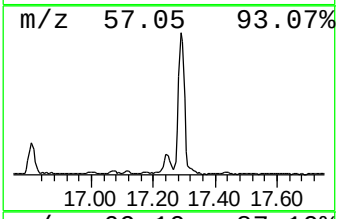


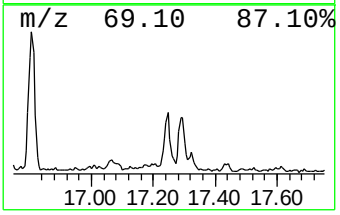












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Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

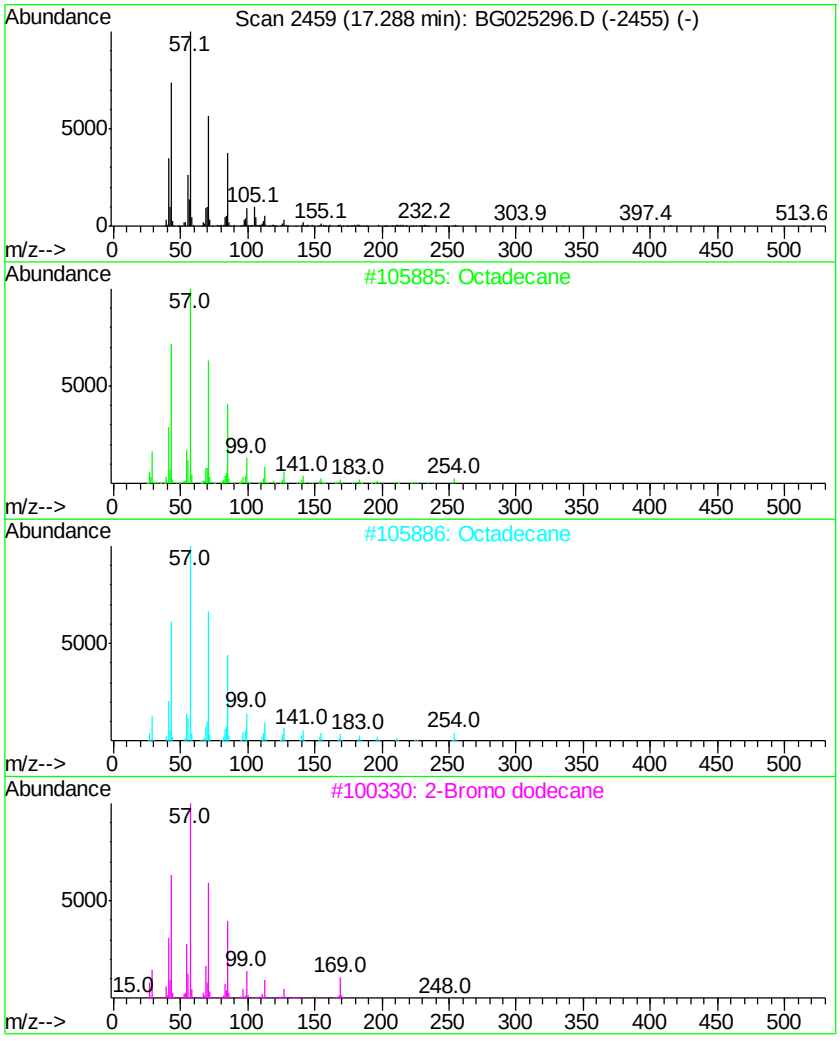
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

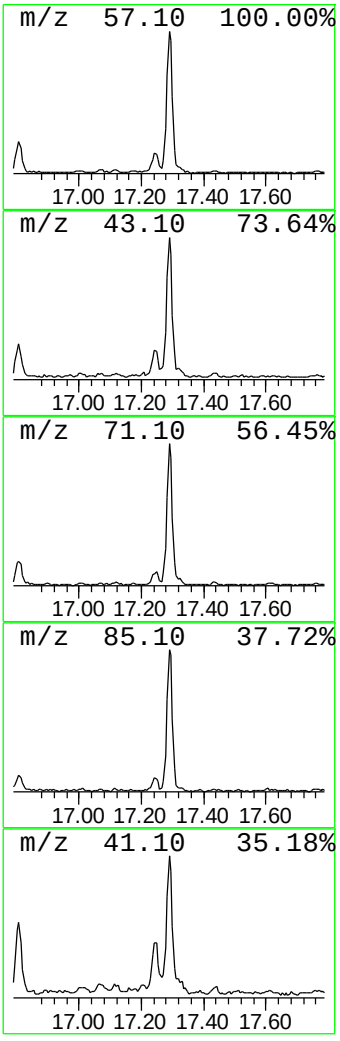
****

Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	31.03 ng/ul	1630180	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	93
2	Octadecane	254	C18H38	000593-45-3	91
3	2-Bromo dodecane	248	C12H25Br	013187-99-0	90
4	Hexadecane	226	C16H34	000544-76-3	83
5	Hexadecane	226	C16H34	000544-76-3	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

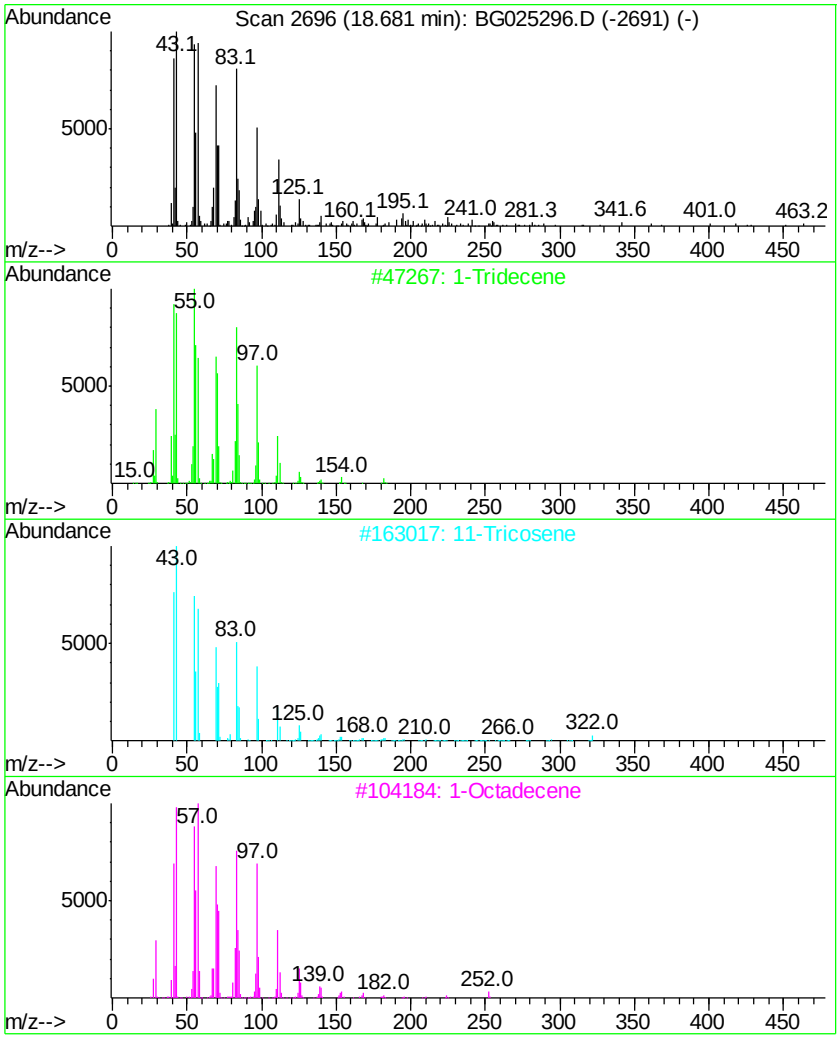
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

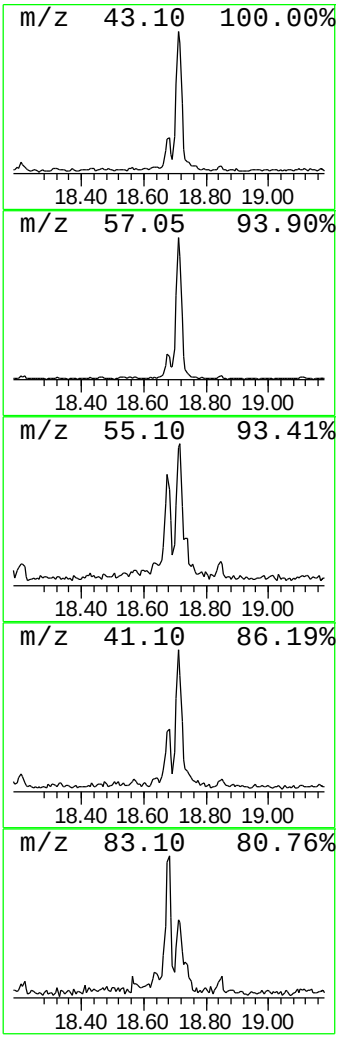
****

Peak Number 71 (DEL) Alkane: Cyclic18.68 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	6.32 ng/ul	331821	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	92
2	11-Tricosene	322	C23H46	052078-56-5	91
3	1-Octadecene	252	C18H36	000112-88-9	90
4	9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5	E-15-Heptadecenal	252	C17H32O	1000130-97-9	89





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

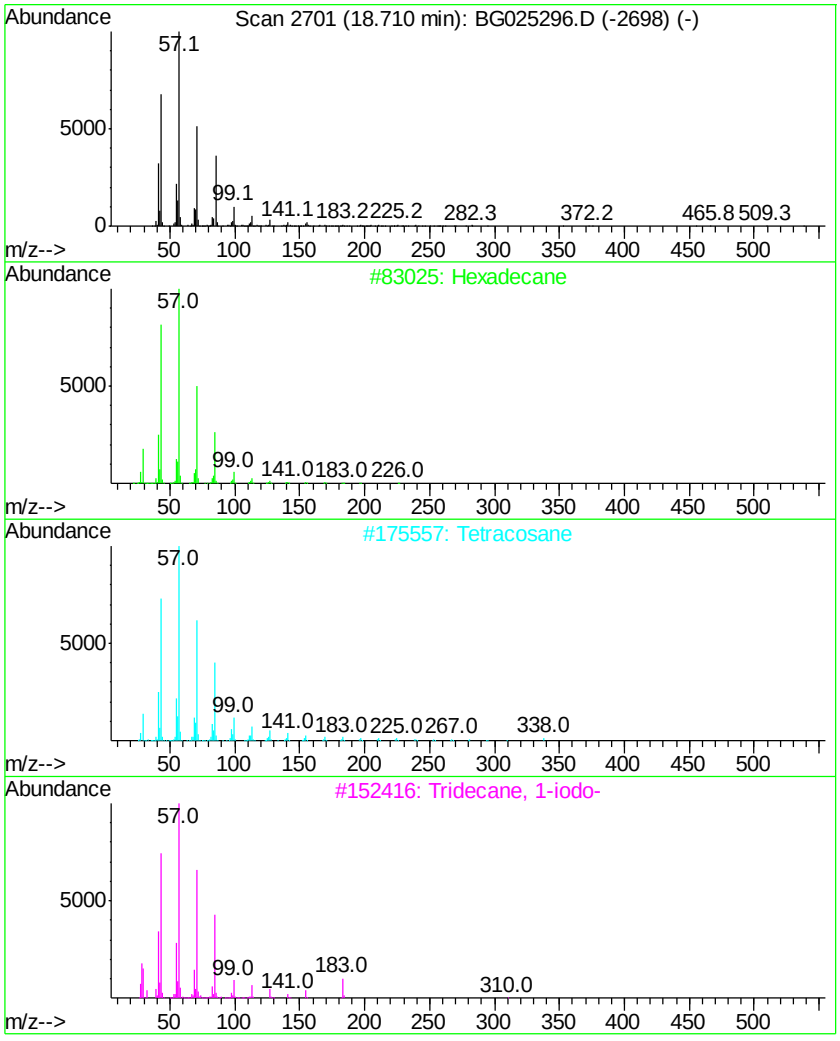
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

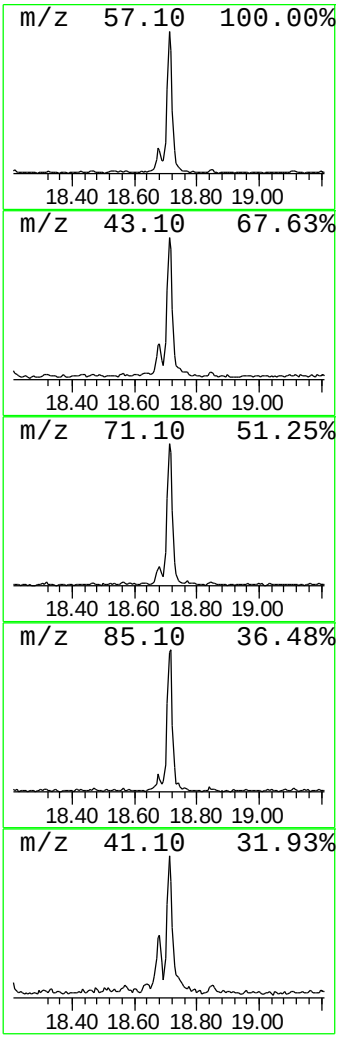
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 72 (DEL) Alkane: Straight-Chai... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	20.69 ng/ul	1087130	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	90
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
4	Heptacosane	380	C27H56	000593-49-7	80
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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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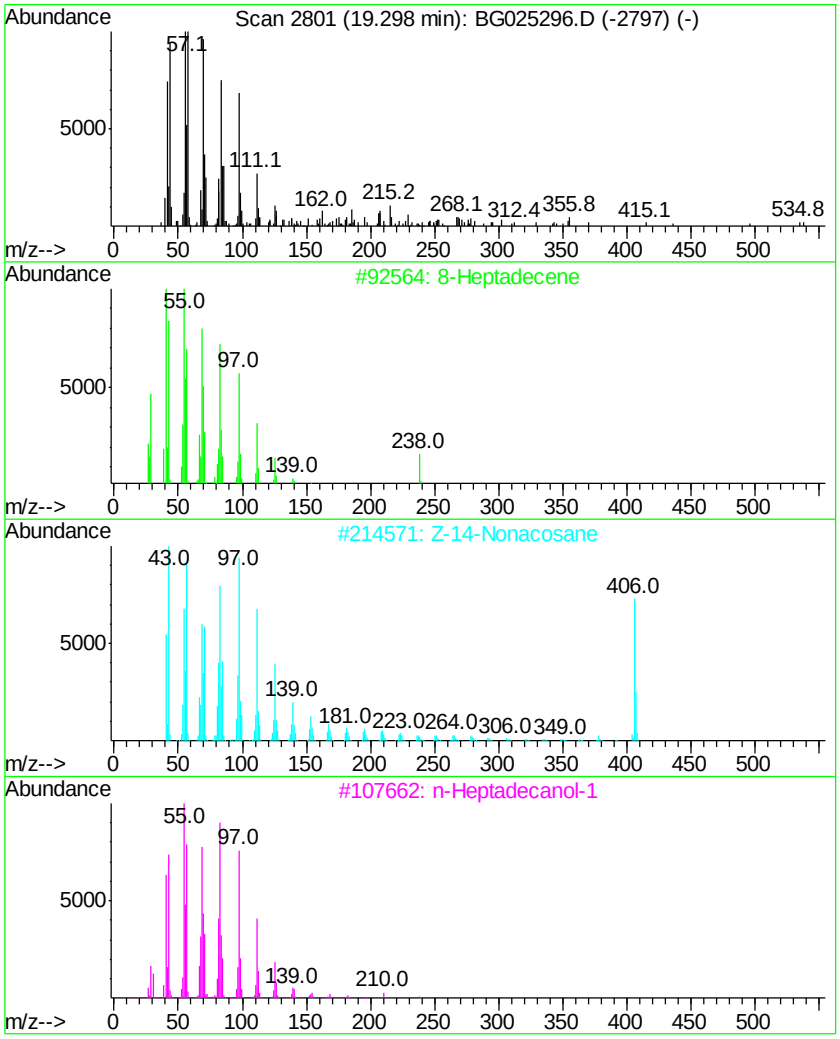
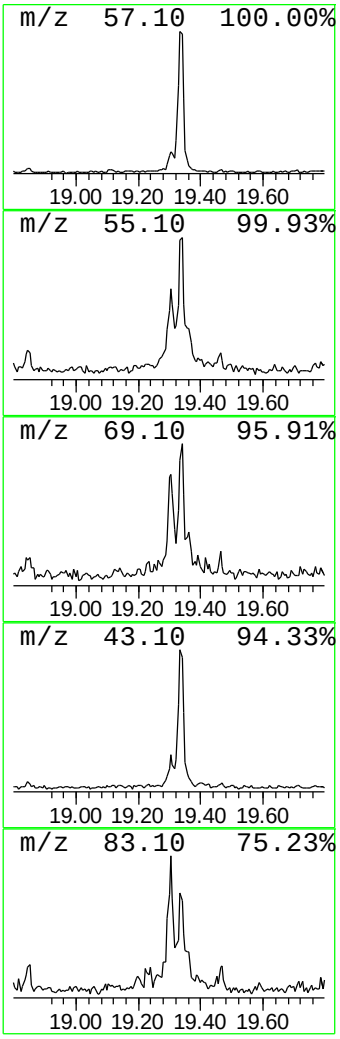
Peak Number 73 (DEL) Alkane: Cyclic19.30 Concentration Rank 76

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.30	4.02 ng/ul	211344	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Heptadecene	238	C17H34	002579-04-6	91
2	Z-14-Nonacosane	406	C29H58	1000131-18-9	83
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	83
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	80
5	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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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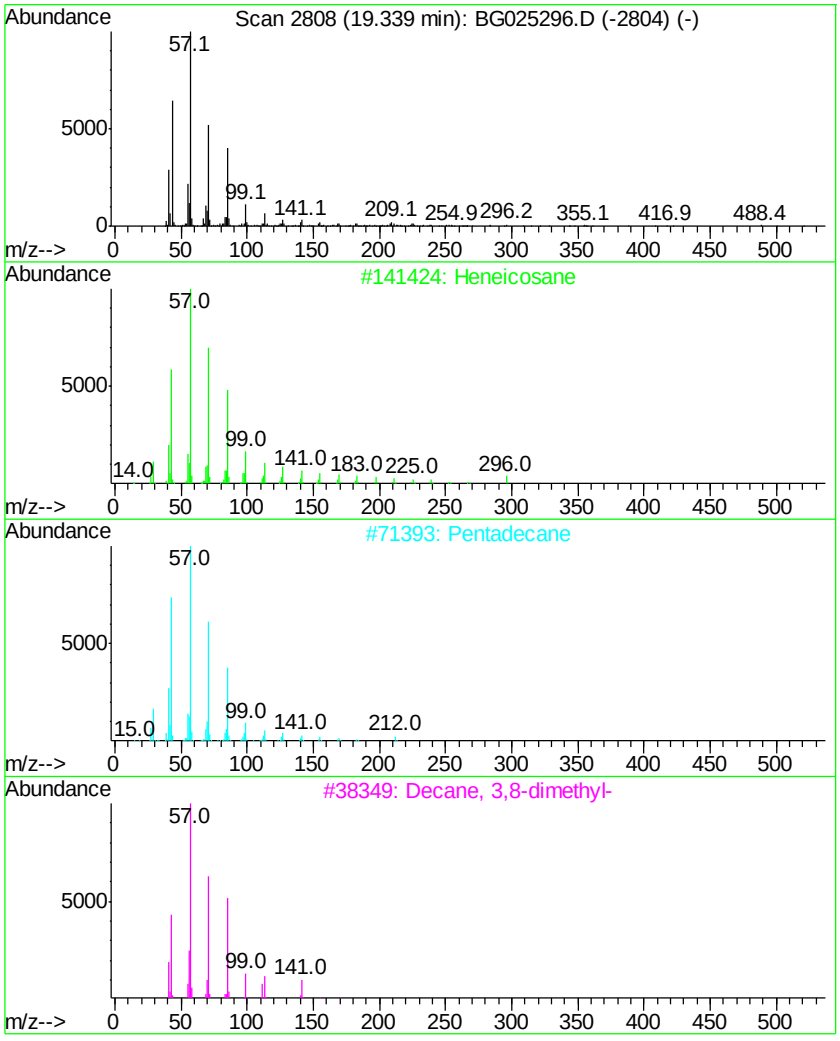
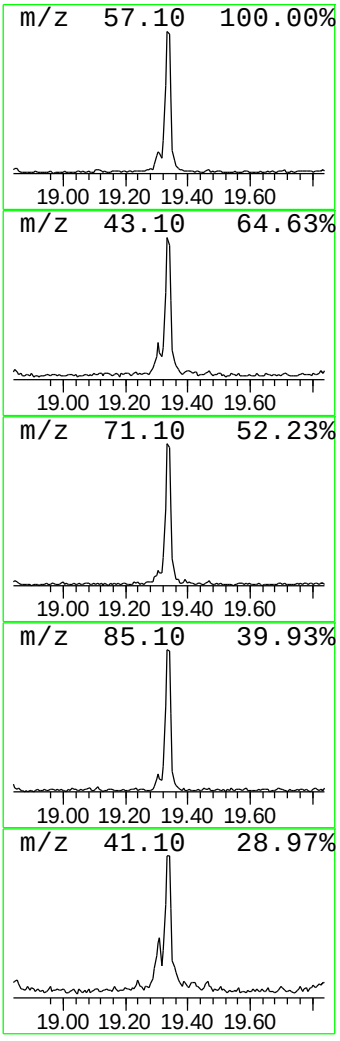
Peak Number 74 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	14.10 ng/ul	740938	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	93
2	Pentadecane	212	C15H32	000629-62-9	87
3	Decane, 3,8-dimethyl-	170	C12H26	017312-55-9	86
4	Heneicosane	296	C21H44	000629-94-7	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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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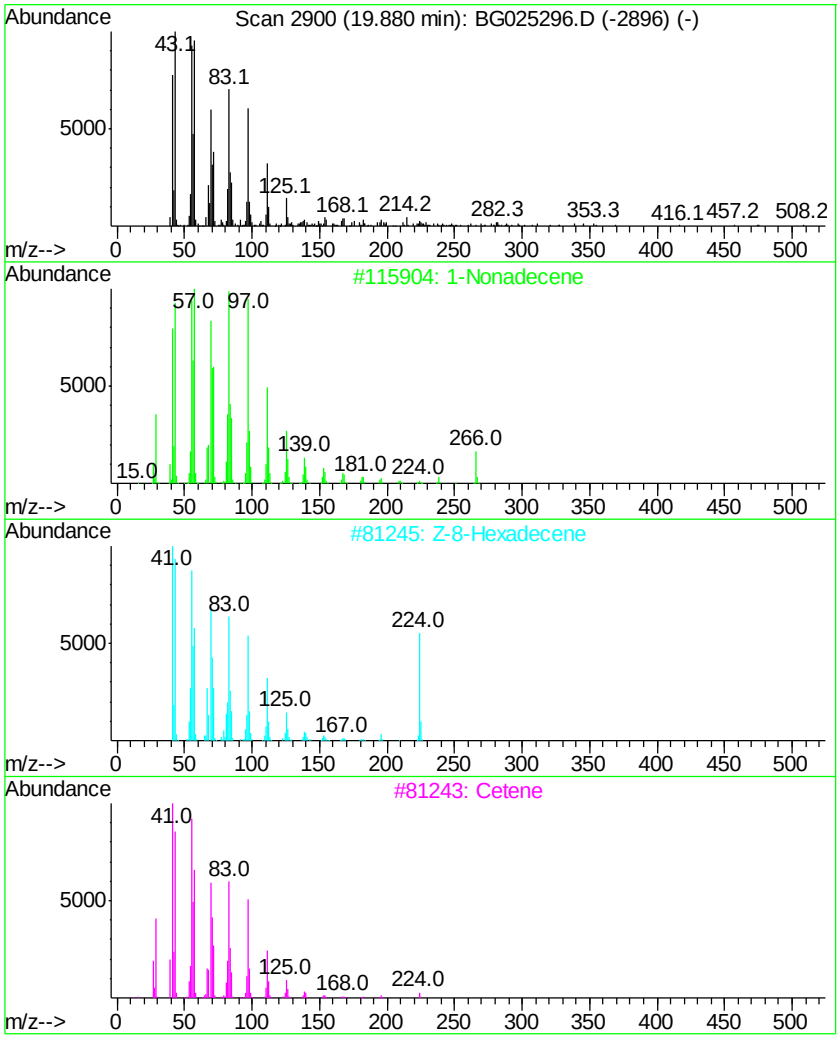
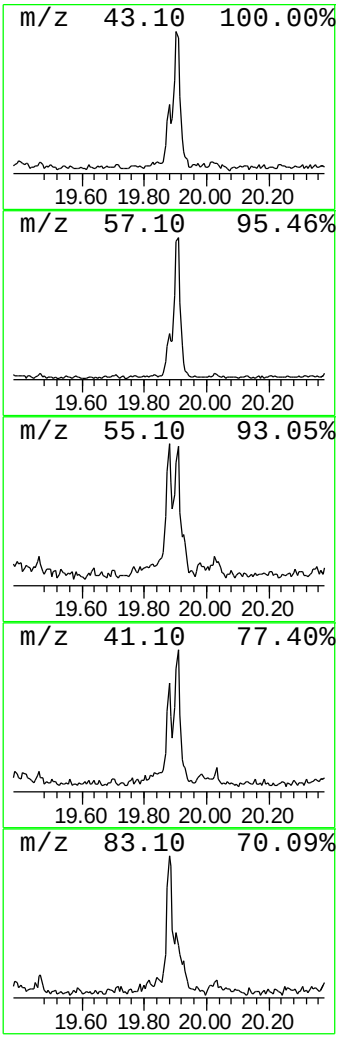
Peak Number 75 (DEL) Alkane: Cyclic19.88 Concentration Rank 78

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.88	3.86 ng/ul	311152	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	96
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	95
3	Cetene	224	C16H32	000629-73-2	95
4	1-Docosene	308	C22H44	001599-67-3	95
5	1-Docosene	308	C22H44	001599-67-3	94





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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

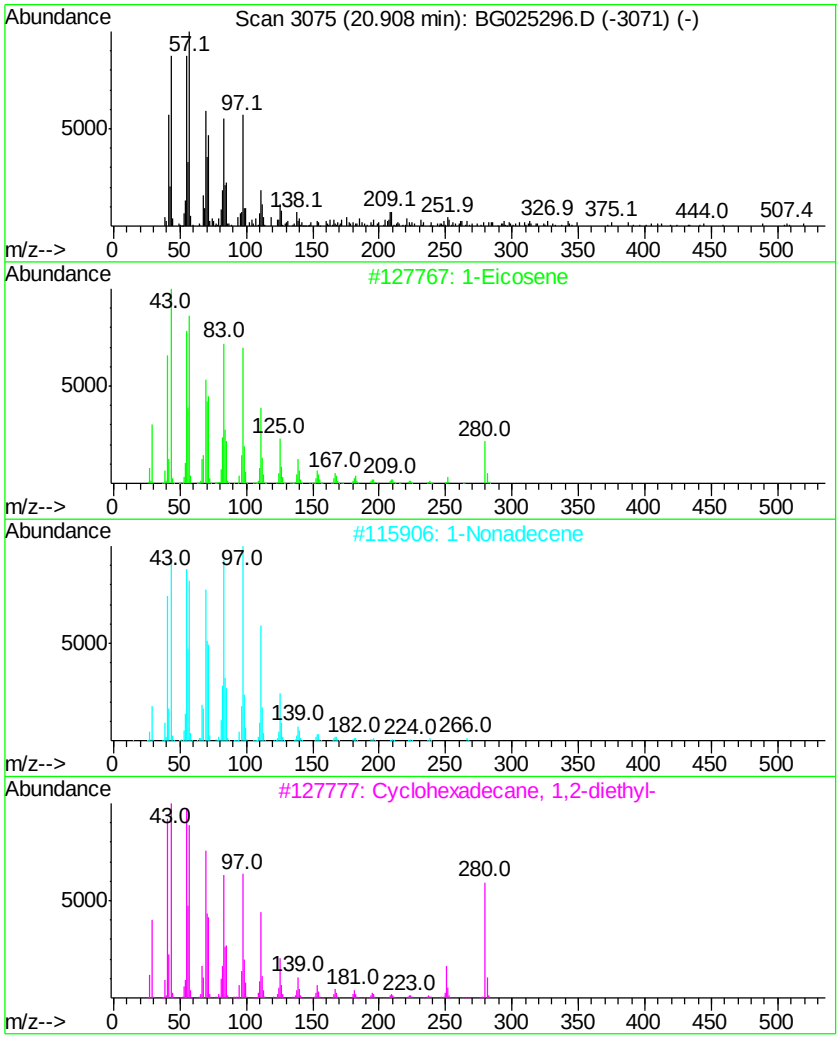
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

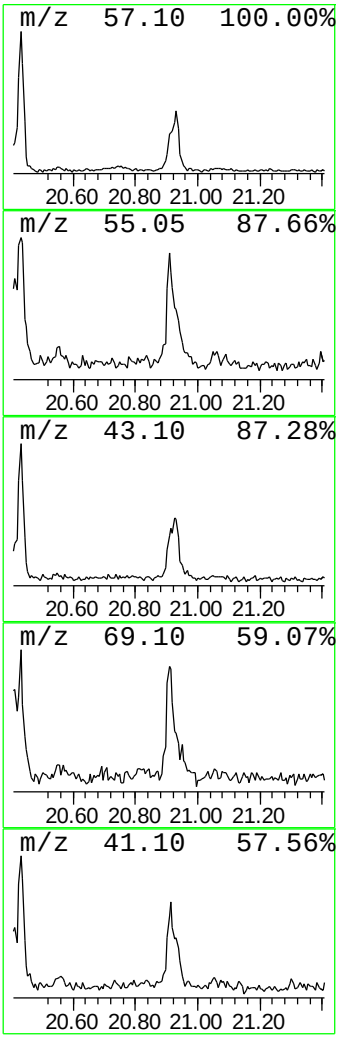
****

Peak Number 78 (DEL) Alkane: Cyclic20.91 Concentration Rank 59

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.91	7.10 ng/ul	572253	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	93
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	90
4	1-Nonadecene	266	C19H38	018435-45-5	90
5	1-Tricosanol	340	C23H48O	003133-01-5	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025296.D
Acq On : 18 Dec 2016 5:20
Operator : UM/SJ
Sample : H5970-09DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA848DL

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-ethyl-...	7.29	6.7	ng/ul	172566	1	8.23	511974	20.0
Benzene, 1,2,3-tr...	7.86	12.6	ng/ul	321424	1	8.23	511974	20.0
unknown-01	8.86	11.9	ng/ul	304561	1	8.23	511974	20.0
p-Cymene	9.33	9.5	ng/ul	242875	1	8.23	511974	20.0
Benzofuran, 7-met...	9.71	10.7	ng/ul	279996	2	11.06	523800	20.0
Cinnamaldehyde, (E)-	9.78	18.1	ng/ul	474203	2	11.06	523800	20.0
1H-Indene, 1-methyl-	10.46	26.9	ng/ul	703297	2	11.06	523800	20.0
Benzene,1-methyl-...	10.57	6.9	ng/ul	179885	2	11.06	523800	20.0
(DEL) Alkane: Str...	10.97	15.1	ng/ul	395849	2	11.06	523800	20.0
1H-Inden-1-one, 2...	11.23	14.2	ng/ul	371495	2	11.06	523800	20.0
2-Propenal, 2-met...	11.29	48.8	ng/ul	1277110	2	11.06	523800	20.0
Benzonitrile, 4-(...	11.42	34.5	ng/ul	904388	2	11.06	523800	20.0
1H-Benzimidazole,...	11.46	68.5	ng/ul	1792710	2	11.06	523800	20.0
1H-Inden-1-one, 2...	11.52	21.1	ng/ul	553753	2	11.06	523800	20.0
unknown-02	11.72	7.0	ng/ul	184261	2	11.06	523800	20.0
Benzene, 1-methyl...	11.81	8.0	ng/ul	210413	2	11.06	523800	20.0
4-Methyl-2H-benzo...	11.95	6.7	ng/ul	175820	2	11.06	523800	20.0
Benzene, hexyl-	12.00	7.3	ng/ul	191288	2	11.06	523800	20.0
unknown-03	12.08	14.8	ng/ul	388322	2	11.06	523800	20.0
1H-Indene, 2,3-di...	12.14	9.6	ng/ul	250734	2	11.06	523800	20.0
1H-Cyclopropa[b]n...	12.19	6.9	ng/ul	180731	2	11.06	523800	20.0
1H-Indene, 1,1-di...	12.25	16.6	ng/ul	435041	2	11.06	523800	20.0
Ethanone, 1-[4-(1...	12.36	7.9	ng/ul	207220	2	11.06	523800	20.0
(DEL) Alkane: Str...	12.41	19.0	ng/ul	497480	2	11.06	523800	20.0
1H-Inden-1-one, 2...	12.51	9.0	ng/ul	235322	2	11.06	523800	20.0
Naphthalene, 1,2,...	12.83	14.8	ng/ul	388390	2	11.06	523800	20.0
Naphthalene, 1-me...	12.92	51.9	ng/ul	1359110	2	11.06	523800	20.0
(DEL) Alkane: Str...	13.63	23.4	ng/ul	941180	3	14.86	804131	20.0
(DEL) Alkane: Cyc...	14.62	9.7	ng/ul	391369	3	14.86	804131	20.0
(DEL) Alkane: Str...	14.70	24.1	ng/ul	967464	3	14.86	804131	20.0
(DEL) Alkane: Cyc...	15.58	9.7	ng/ul	387963	3	14.86	804131	20.0
(DEL) Alkane: Str...	15.64	30.6	ng/ul	1231120	3	14.86	804131	20.0
(DEL) Alkane: Str...	16.50	31.1	ng/ul	1634570	4	17.60	1050710	20.0
(DEL) Alkane: Cyc...	16.72	17.6	ng/ul	925861	4	17.60	1050710	20.0
(DEL) Alkane: Cyc...	17.25	8.7	ng/ul	459257	4	17.60	1050710	20.0
(DEL) Alkane: Str...	17.29	31.0	ng/ul	1630180	4	17.60	1050710	20.0
(DEL) Alkane: Cyc...	18.68	6.3	ng/ul	331821	4	17.60	1050710	20.0
(DEL) Alkane: Str...	18.71	20.7	ng/ul	1087130	4	17.60	1050710	20.0
(DEL) Alkane: Cyc...	19.30	4.0	ng/ul	211344	4	17.60	1050710	20.0
(DEL) Alkane: Str...	19.34	14.1	ng/ul	740938	4	17.60	1050710	20.0
(DEL) Alkane: Cyc...	19.88	3.9	ng/ul	311152	5	21.89	1612210	20.0
(DEL) Alkane: Cyc...	20.91	7.1	ng/ul	572253	5	21.89	1612210	20.0