LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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	5.693	477	486	497	rBV	163354	291387	12.79%	0.424%
2	5.834	501	510	522	rBV	298326	705083	30.94%	1.025%
3	6.210	565	574	580	rVV2	222003	487326	21.39%	0.708%
4	7.291	749	758	763	rBV	198142	360369	15.81%	0.524%
5	7.426	774	781	792	rVB5	126004	306353	13.44%	0.445%
6	7.602	792	811	817	rBV4	170269	459931	20.18%	0.669%
7	7.861	850	855	864	rVV	360378	647018	28.39%	0.941%
8	8.231	912	918	926	rVB3	256630	495515	21.75%	0.720%
9	8.337	928	936	943	rBV3	213716	404819	17.76%	0.589%
10	8.766	1002	1009	1016	rVB4	134567	274073	12.03%	0.398%
11	8.860	1016	1025	1031	rBV2	213730	428834	18.82%	0.623%
12	9.018	1045	1052	1067	rVB3	293347	610541	26.79%	0.888%
13	9.224	1069	1087	1093	rBV5	97208	461759	20.26%	0.671%
14	9.294	1094	1099	1102	rBV3	146914	252403	11.08%	0.367%
15	9.418	1114	1120	1128	rVB3	373513	635289	27.88%	0.924%
16	9.594	1140	1150	1156	rVB4	129606	323919	14.21%	0.471%
17	9.711	1165	1170	1176	rVV	276256	628517	27.58%	0.914%
18	9.782	1176	1182	1190	rVV	690346	1208216	53.02%	1.757%
19	10.158	1236	1246	1251	rVB4	113150	286520	12.57%	0.417%
20	10.223	1251	1257	1265	rBV4	179672	548414	24.07%	0.797%
21	10.487	1288	1302	1307	rBV4	405856	1677805	73.63%	2.439%
22	10.687	1329	1336	1341	rBV4	234820	443583	19.47%	0.645%
23	10.869	1359	1367	1375	rBV8	201448	644468	28.28%	0.937%
24	10.975	1380	1385	1389	rBV	271183	443272	19.45%	0.644%
25	11.057	1394	1399	1403	rBV	244994	399804	17.54%	0.581%
26	11.110	1403	1408	1418	rVB	453514	855659	37.55%	1.244%
27	11.198	1418	1423	1427	rBV2	230602	400438	17.57%	0.582%
28	11.292	1433	1439	1453	rVB5	434143	1576537	69.18%	2.292%
29	11.415	1453	1460	1463	rBV2	573757	1039113	45.60%	1.511%
30	11.457	1463	1467	1475	rVV	1009970	2084502	91.48%	3.030%
31	11.527	1475	1479	1484	rVB	289724	475446	20.86%	0.691%
32	11.586	1484	1489	1494	rBV	256200	402305	17.65%	0.585%
33	11.639	1494	1498	1506	rBV6	130624	314660	13.81%	0.457%
34	11.809	1521	1527	1532	rBV4	137963	251738	11.05%	0.366%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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	11.874	1532	1538	1546	rBV	1311393	2278746	100.00%	3.313%
36	12.068	1564	1571	1577	rBV9	235136	740194	32.48%	1.076%
37	12.126	1577	1581	1587	rVB6	175756	367084	16.11%	0.534%
38	12.250	1595	1602	1608	rVB5	256198	726865	31.90%	1.057%
39	12.308	1608	1612	1615	rBV5	166669	253659	11.13%	0.369%
40	12.408	1624	1629	1642	rVB3	461053	1132004	49.68%	1.646%
41	12.590	1651	1660	1669	rVB5	264226	803303	35.25%	1.168%
42	12.702	1673	1679	1682	rBV	1053525	1770693	77.70%	2.574%
43	12.737	1683	1685	1688	rVB	300947	354727	15.57%	0.516%
44	12.825	1695	1700	1704	rBV	413064	763321	33.50%	1.110%
45	12.919	1710	1716	1723	rVB2	699179	1255330	55.09%	1.825%
46	13.008	1723	1731	1734	rBV2	439096	813936	35.72%	1.183%
47	13.049	1734	1738	1742	rVV2	422457	763194	33.49%	1.110%
48	13.090	1742	1745	1759	rVB8	303958	750660	32.94%	1.091%
49	13.207	1760	1765	1769	rBV3	314104	517661	22.72%	0.753%
50	13.266	1770	1775	1783	rBV6	305363	594784	26.10%	0.865%
51	13.337	1783	1787	1793	rBV4	288064	453445	19.90%	0.659%
52	13.448	1801	1806	1810	rBV8	141192	269908	11.84%	0.392%
53	13.548	1815	1823	1825	rBV2	393694	840173	36.87%	1.221%
54	13.630	1832	1837	1843	rVV2	572268	902247	39.59%	1.312%
55	13.683	1843	1846	1850	rVB2	175793	250163	10.98%	0.364%
56	13.807	1860	1867	1869	rBV5	176589	407495	17.88%	0.592%
57	13.889	1876	1881	1888	rBV5	266949	638574	28.02%	0.928%
58	14.012	1895	1902	1904	rBV5	357482	723341	31.74%	1.052%
59	14.177	1924	1930	1934	rVV2	486666	901214	39.55%	1.310%
60	14.230	1934	1939	1946	rVB3	692988	1250002	54.85%	1.817%
61	14.341	1954	1958	1965	rBV9	150879	397462	17.44%	0.578%
62	14.412	1966	1970	1979	rVV5	180728	430477	18.89%	0.626%
63	14.488	1980	1983	1987	rVB2	225339	267197	11.73%	0.388%
64	14.565	1987	1996	2002	rBV7	268536	842167	36.96%	1.224%
65	14.623	2002	2006	2011	rVB3	363186	459217	20.15%	0.668%
66	14.694	2011	2018	2024	rBV	695899	1096159	48.10%	1.594%
67	14.811	2033	2038	2041	rBV2	397714	626414	27.49%	0.911%
68	14.858	2042	2046	2049	rBV	540796	872220	38.28%	1.268%
69	15.070	2074	2082	2089	rVB6	329840	680356	29.86%	0.989%
70	15.146	2090	2095	2099	rBV	254963	398589	17.49%	0.579%
71	15.240	2106	2111	2121	rVB8	148195	350818	15.40%	0.510%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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	15.458	2143	2148	2152	rBV7	155798	339412	14.89%	0.493%
73	15.511	2153	2157	2165	rVB5	334261	570086	25.02%	0.829%
74	15.581	2165	2169	2171	rBV	429124	533941	23.43%	0.776%
75	15.640	2172	2179	2183	rVB2	987726	1605647	70.46%	2.334%
76	15.798	2202	2206	2210	rVV5	150333	256822	11.27%	0.373%
77	15.845	2210	2214	2216	rVV2	181334	285805	12.54%	0.416%
78	15.881	2216	2220	2232	rVB4	372570	863936	37.91%	1.256%
79	16.445	2310	2316	2321	rVB3	499672	813688	35.71%	1.183%
80	16.498	2321	2325	2329	rBV	1104329	1439331	63.16%	2.093%
81	16.721	2358	2363	2369	rVB2	407711	595187	26.12%	0.865%
82	16.803	2372	2377	2384	rVB3	326146	536451	23.54%	0.780%
83	16.885	2385	2391	2396	rBV6	116617	250032	10.97%	0.363%
84	17.244	2447	2452	2456	rBV3	354619	493600	21.66%	0.718%
85	17.291	2456	2460	2470	rVB	925423	1399372	61.41%	2.034%
86	17.602	2507	2513	2518	rBV	672688	1015877	44.58%	1.477%
87	17.984	2574	2578	2582	rBV	252874	364574	16.00%	0.530%
88	18.025	2582	2585	2598	rVB	739503	1210723	53.13%	1.760%
89	18.677	2692	2696	2699	rBV2	309354	384173	16.86%	0.559%
90	18.713	2699	2702	2718	rVB	647606	937777	41.15%	1.363%
91	19.335	2805	2808	2816	rVB	548695	674110	29.58%	0.980%
92	19.882	2897	2901	2903	rBV	345359	443099	19.44%	0.644%
93	19.905	2903	2905	2912	rVB	486789	545945	23.96%	0.794%
94	19.976	2912	2917	2929	rBV	271391	504072	22.12%	0.733%
95	20.434	2987	2995	3002	rVB2	377258	735410	32.27%	1.069%
96	20.910	3072	3076	3085	rVB3	286800	564598	24.78%	0.821%
97	21.897	3237	3244	3251	rVB	838098	1500183	65.83%	2.181%
98	22.867	3404	3409	3418	rVB3	166487	375530	16.48%	0.546%
99	25.088	3780	3787	3798	rVB2	132276	390557	17.14%	0.568%
100	25.323	3817	3827	3840	rVB2	452572	1385748	60.81%	2.015%

Sum of corrected areas: 68785101

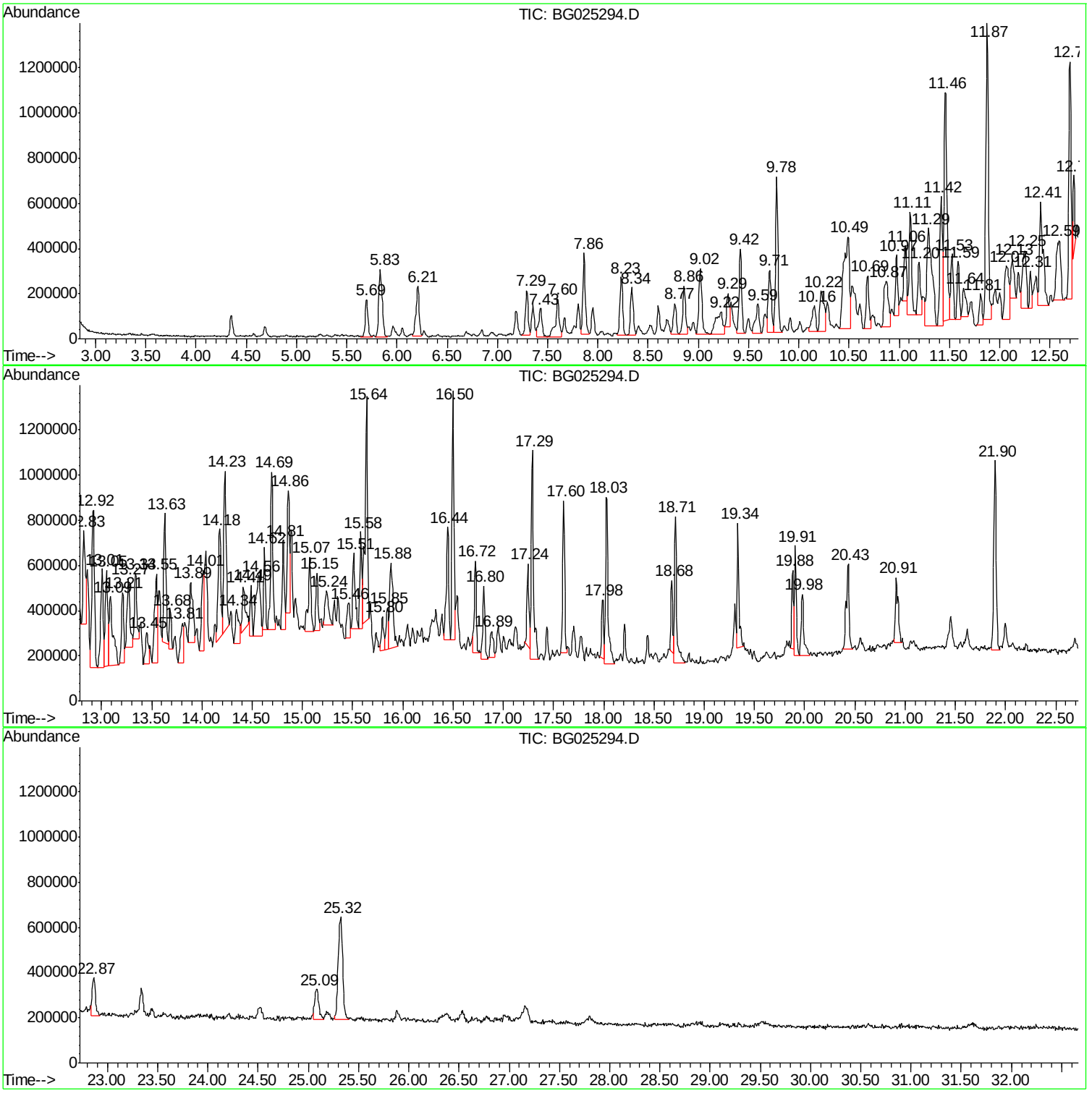
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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 : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

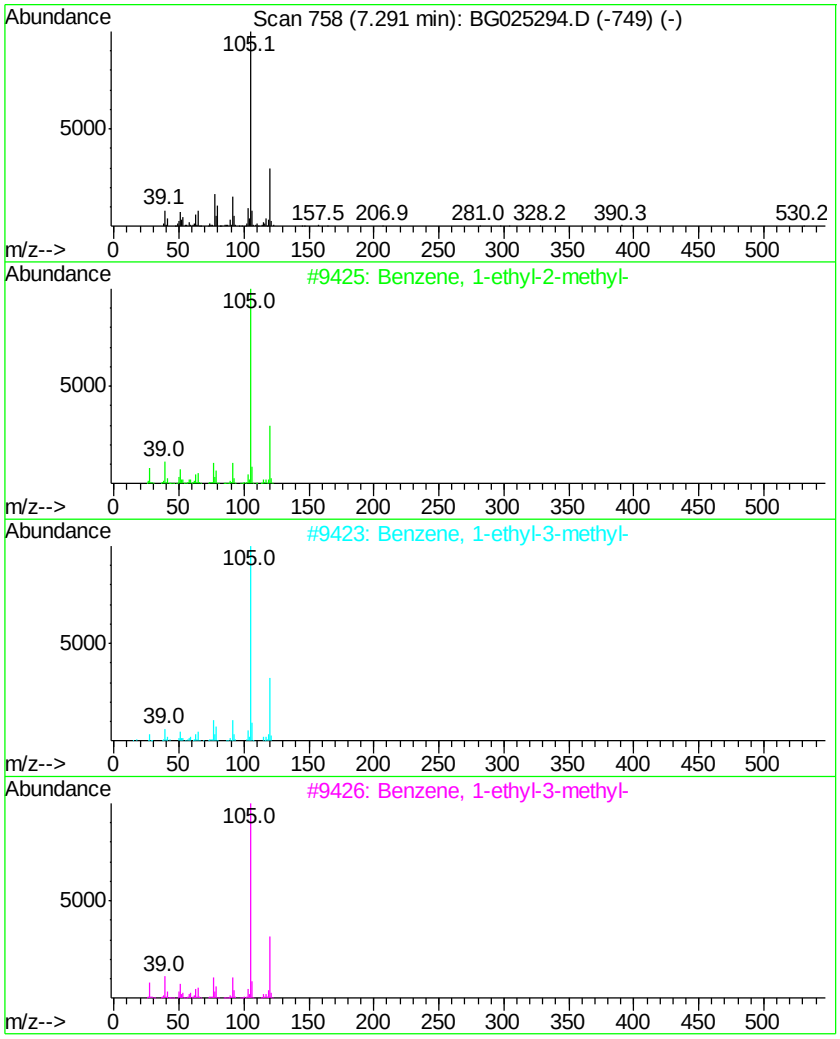
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

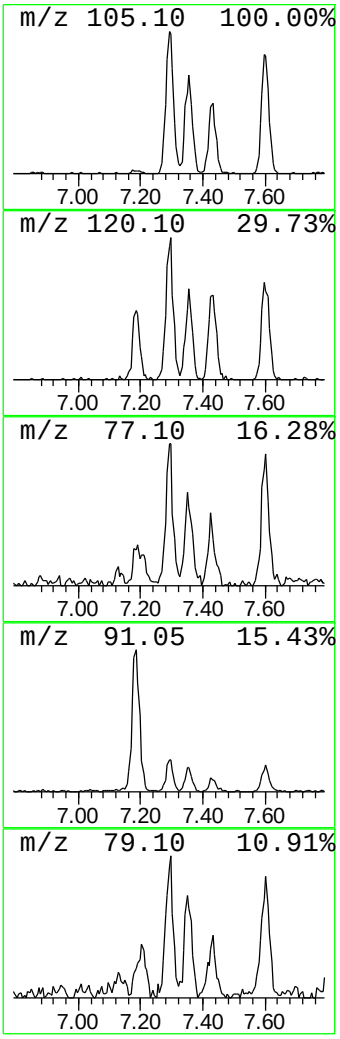
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.29	14.55 ng/ul	360369	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	91
2	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
3	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	91
4	Benzene, 1-ethyl-3-methyl-	120	C9H12	000620-14-4	90
5	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

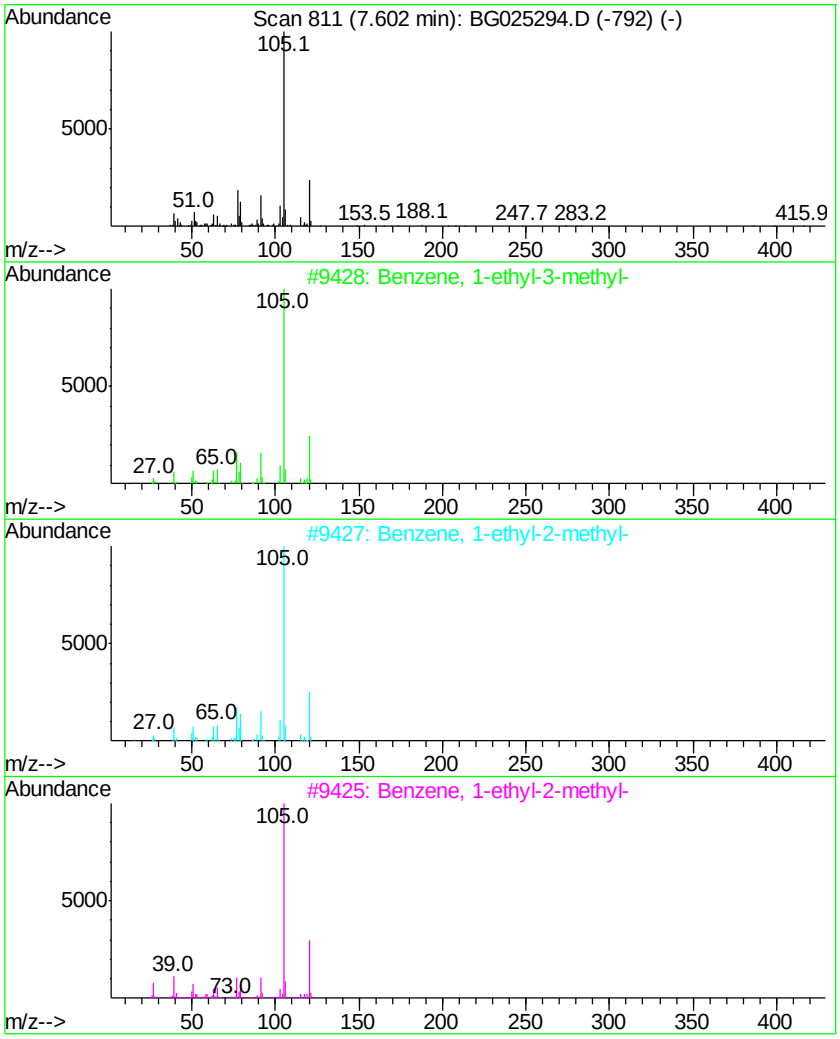
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

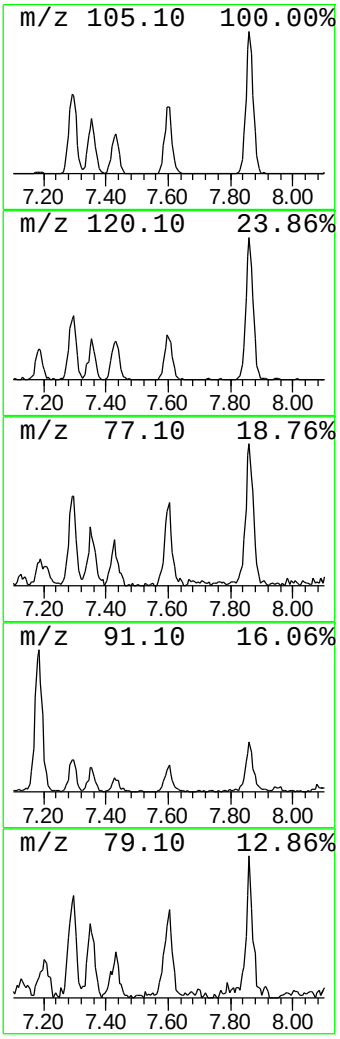
****

Peak Number 5 Benzene, 1-ethyl-3-methyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.60	18.56 ng/ul	459931	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	94
2	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	93
3	Benzene, 1-ethyl-2-methyl-	120	C9H12	000611-14-3	91
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	91
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

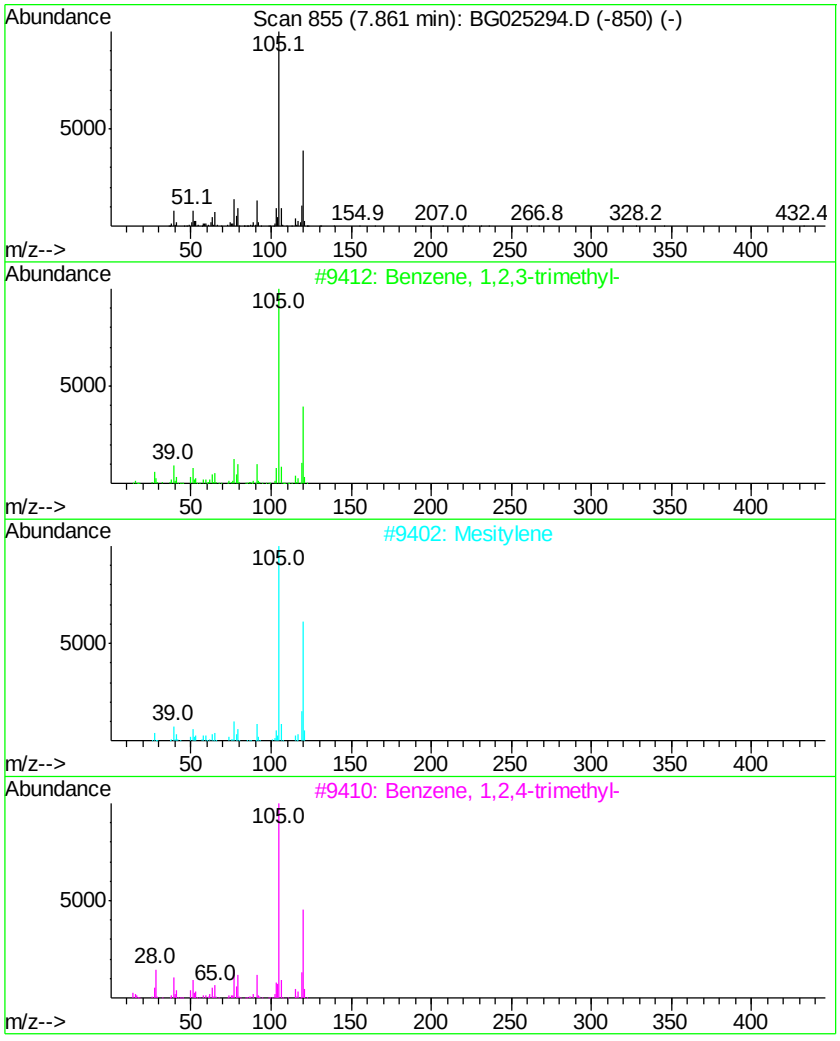
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

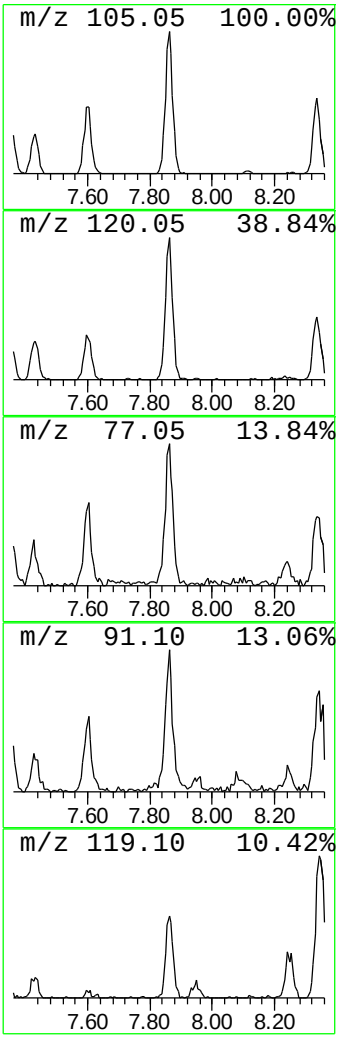
****

Peak Number 6 Benzene, 1,2,3-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.86	26.12 ng/ul	647018	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	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	94
4	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	94
5	Mesitylene	120	C9H12	000108-67-8	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

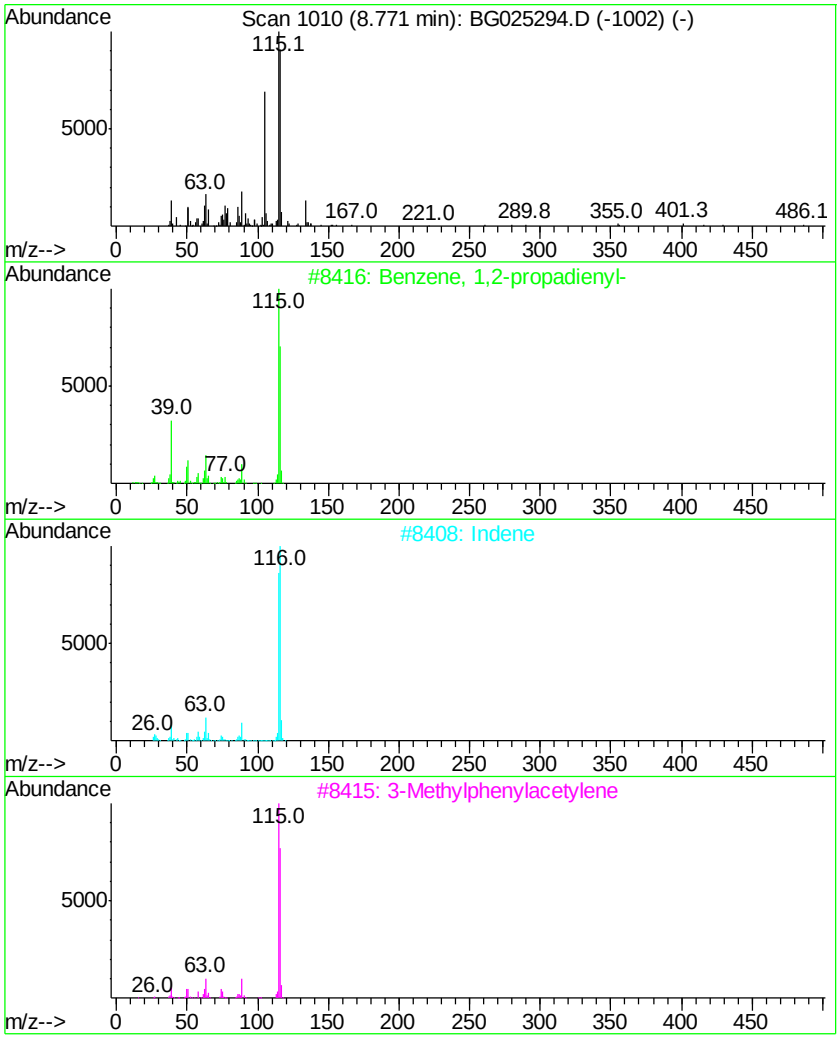
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

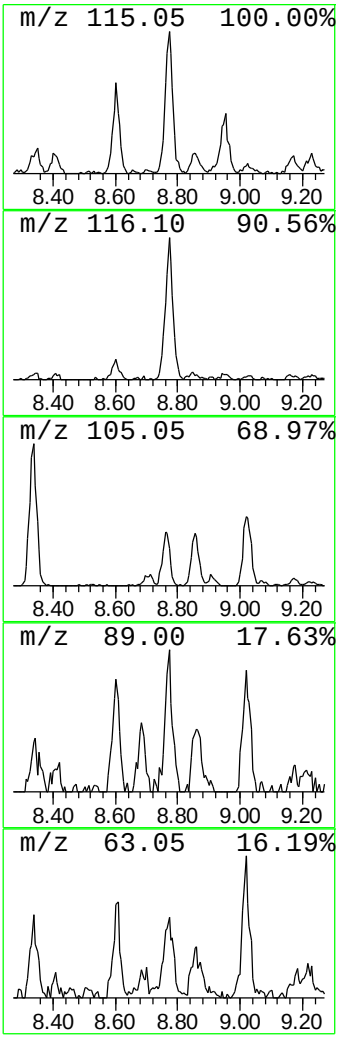
****

Peak Number 8 Benzene, 1,2-propadienyl- Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.77	11.06 ng/ul	274073	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2-propadienyl-	116	C9H8	002327-99-3	64
2	Indene	116	C9H8	000095-13-6	64
3	3-Methylphenylacetylene	116	C9H8	000766-82-5	64
4	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	64
5	Indene	116	C9H8	000095-13-6	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
DA830DL

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

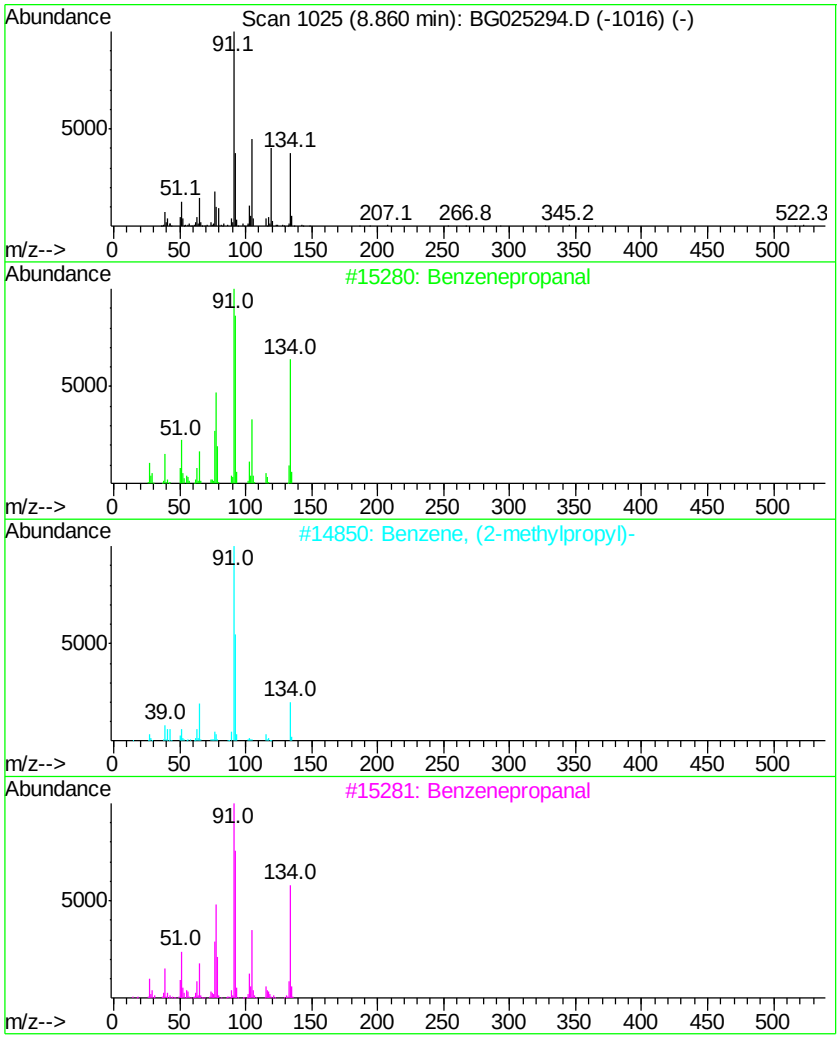
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

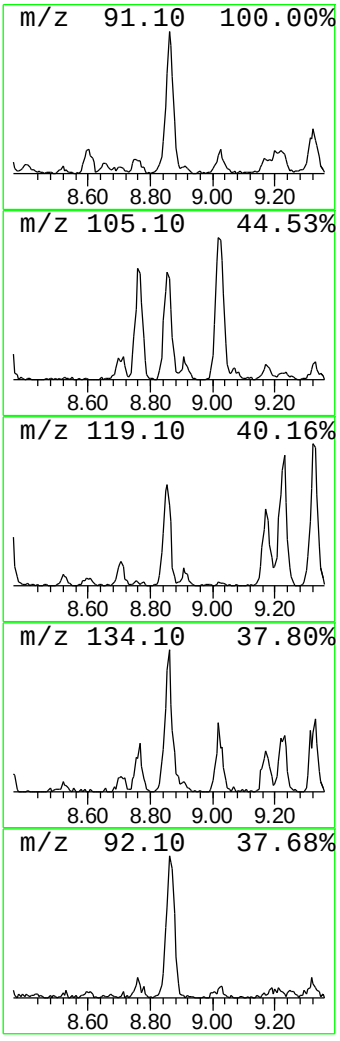
****

Peak Number 9 unknown-01 Concentration Rank 36

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	17.31 ng/ul	428834	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenepropanal	134	C9H10O	000104-53-0	43
2	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	43
3	Benzenepropanal	134	C9H10O	000104-53-0	43
4	Benzene, (2-methylpropyl)-	134	C10H14	000538-93-2	38
5	Benzene, butyl-	134	C10H14	000104-51-8	38





Library Search Compound Report

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Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

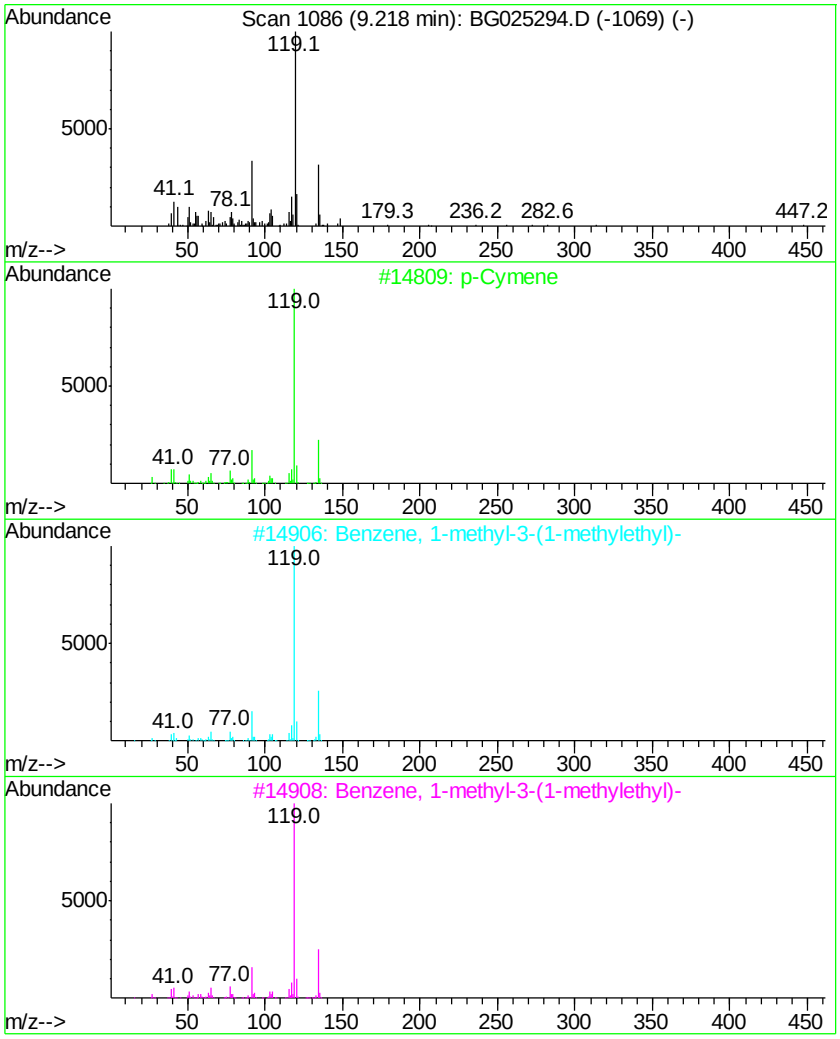
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

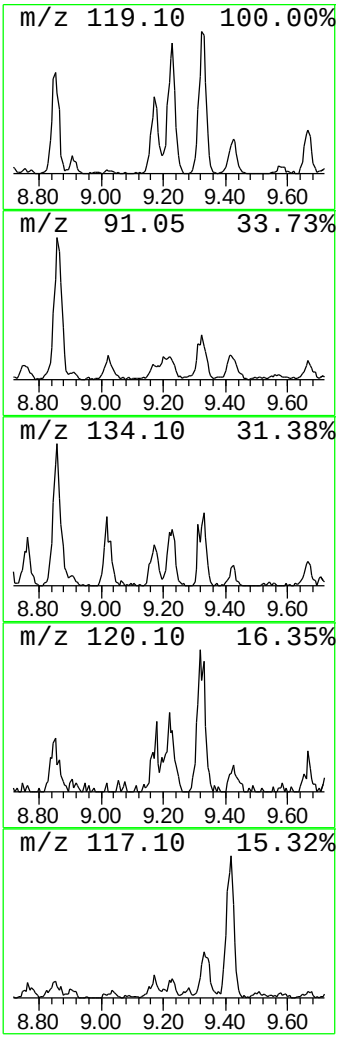
****

Peak Number 10 p-Cymene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.22	18.64 ng/ul	461759	1,4-Dichlorobenzene-d4	8.23

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





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

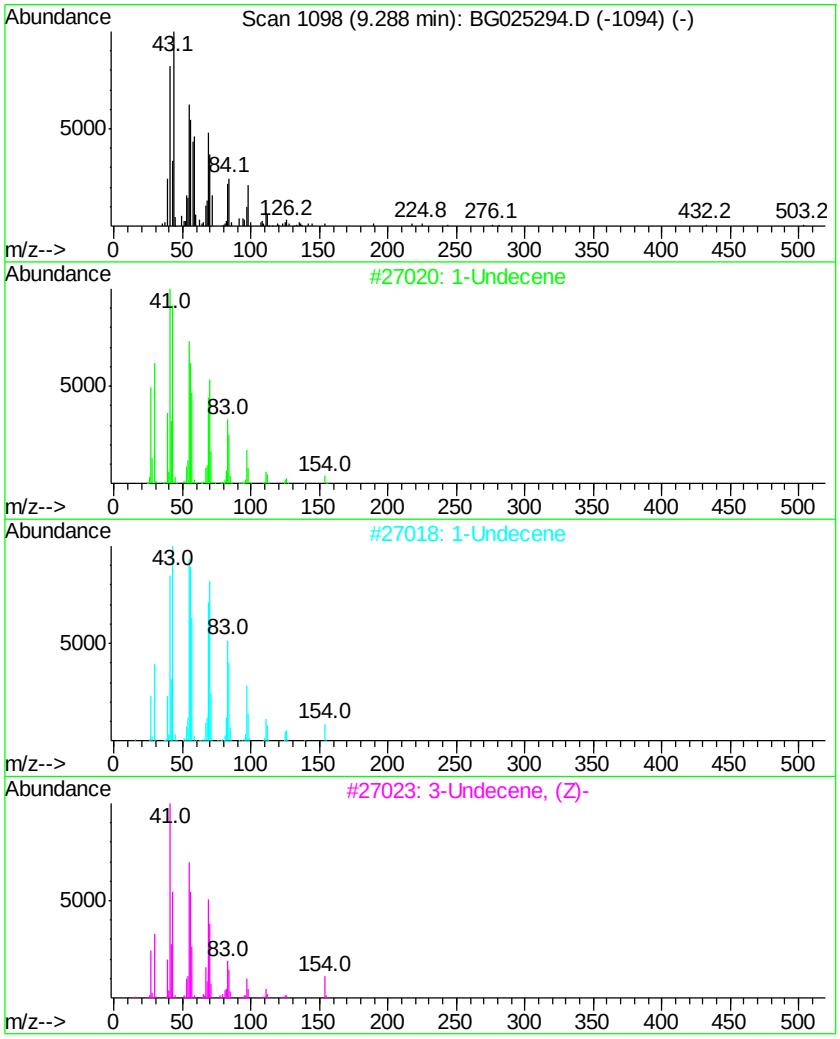
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

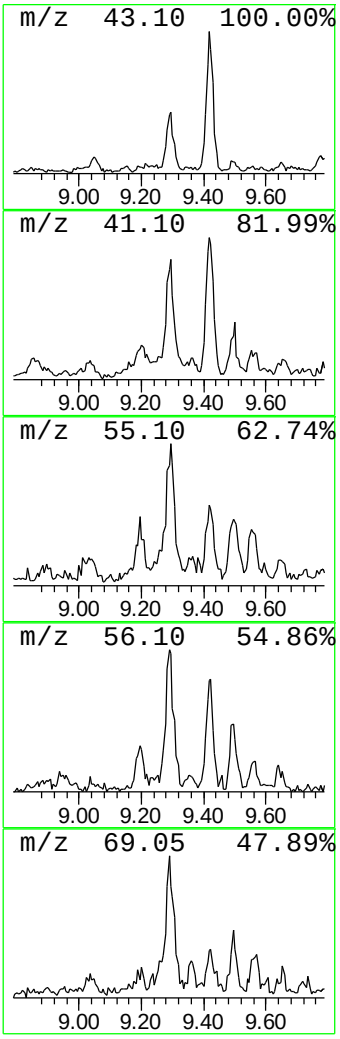
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 (DEL) Alkane: Cyclic9.29 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.29	10.19 ng/ul	252403	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Undecene	154	C11H22	000821-95-4	91
2	1-Undecene	154	C11H22	000821-95-4	64
3	3-Undecene, (Z)-	154	C11H22	000821-97-6	64
4	Cycloheptane	98	C7H14	000291-64-5	49
5	4-Undecene, 5-methyl-, (Z)-	168	C12H24	074630-69-6	47





Library Search Compound Report

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Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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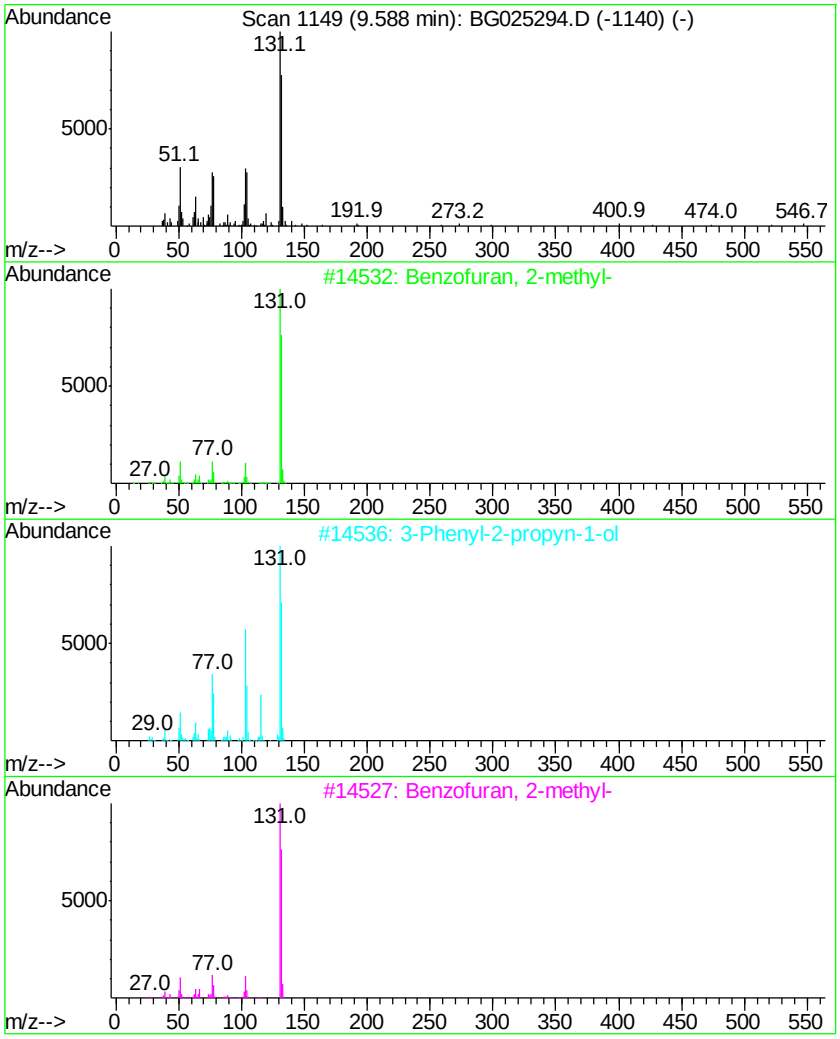
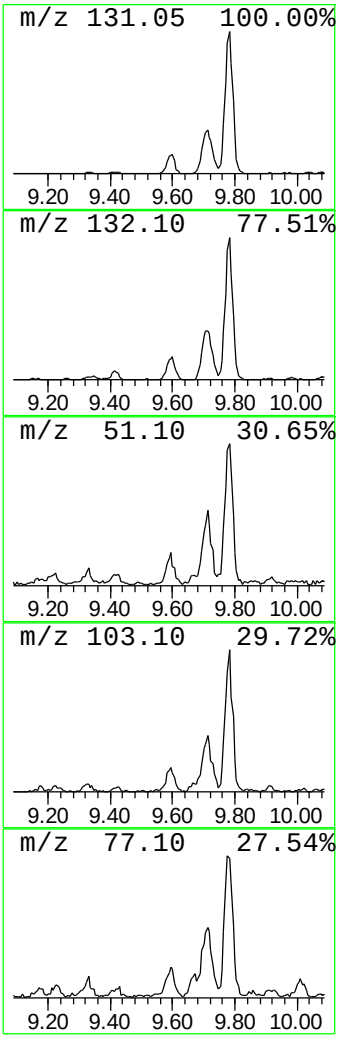
Peak Number 12 Benzofuran, 2-methyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	13.07 ng/ul	323919	1,4-Dichlorobenzene-d4	8.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
5	1H-Indenol	132	C9H8O	056631-57-3	87





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Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

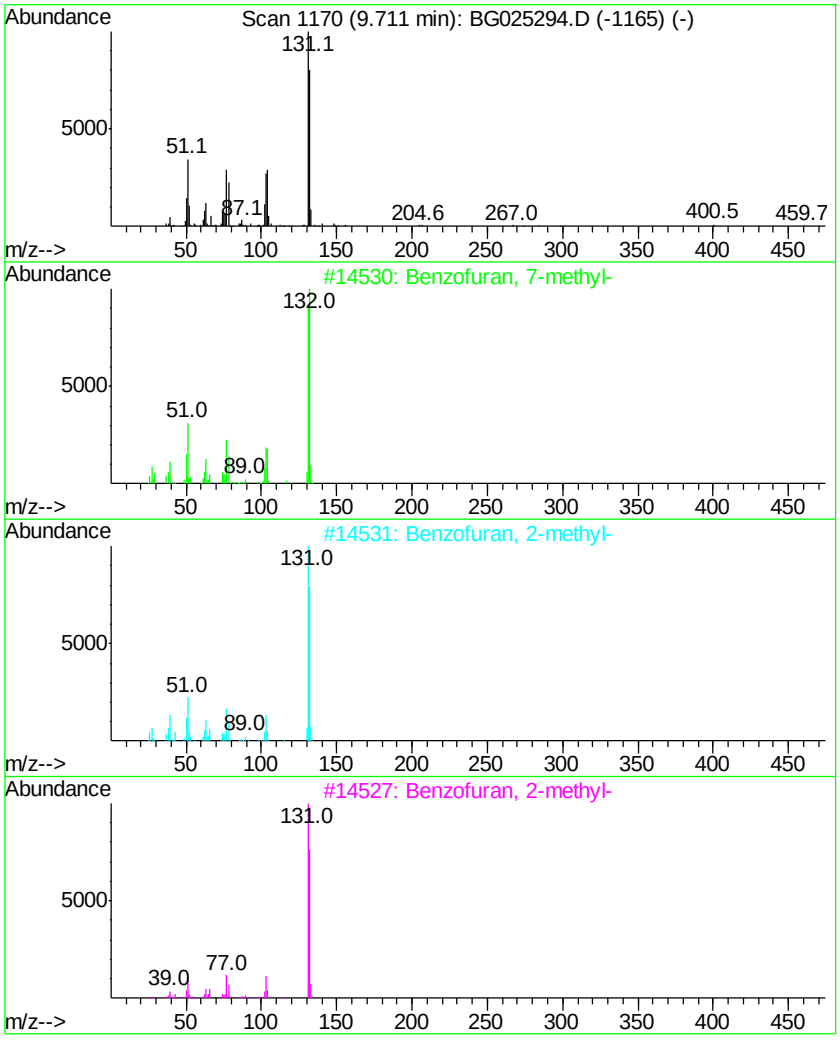
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

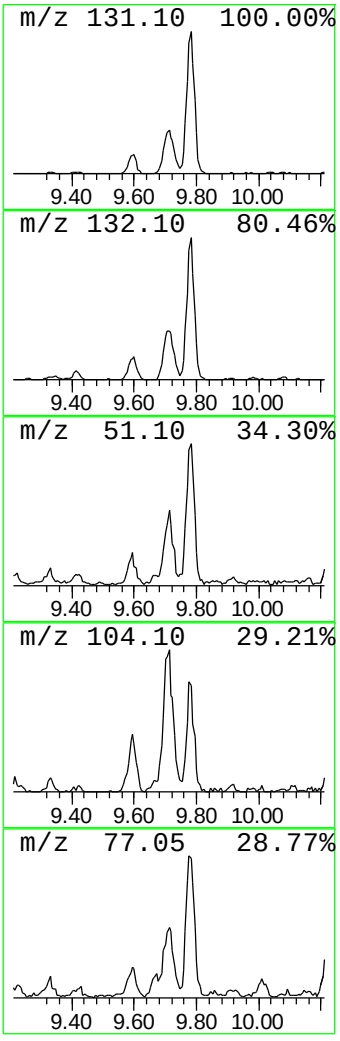
****

Peak Number 13 Benzofuran, 7-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.71	31.44 ng/ul	628517	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	95
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	93
4	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	90





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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 Phenol, 3-ethyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.49	83.93 ng/ul	1677810	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	74
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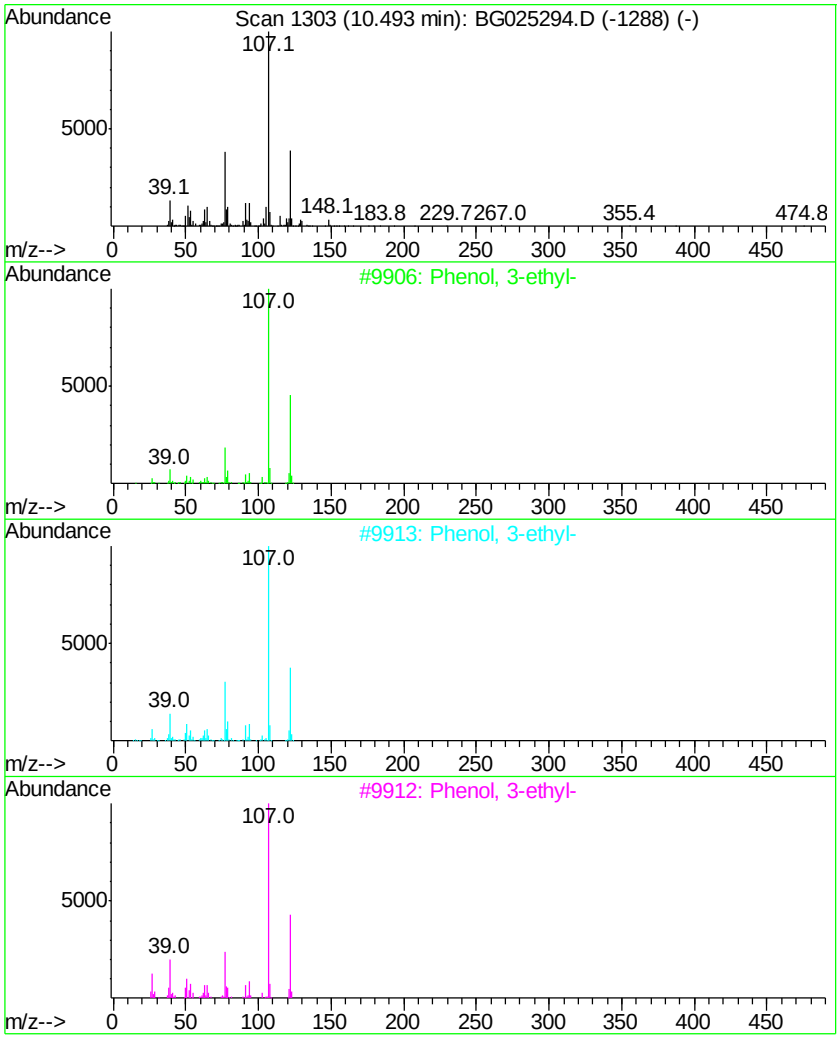

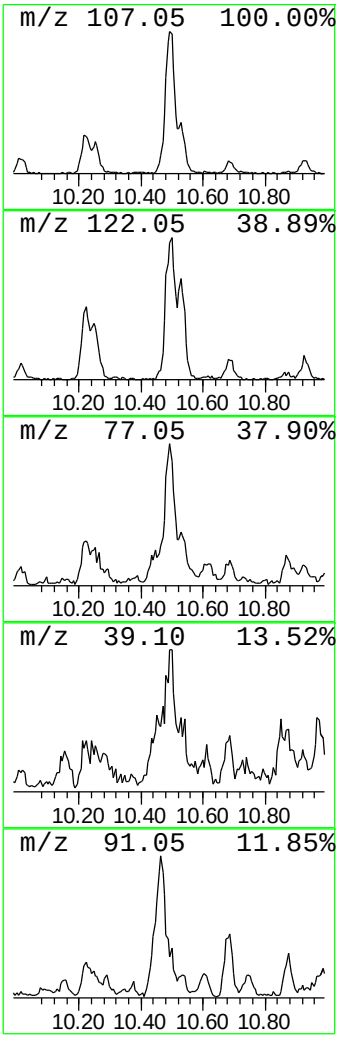

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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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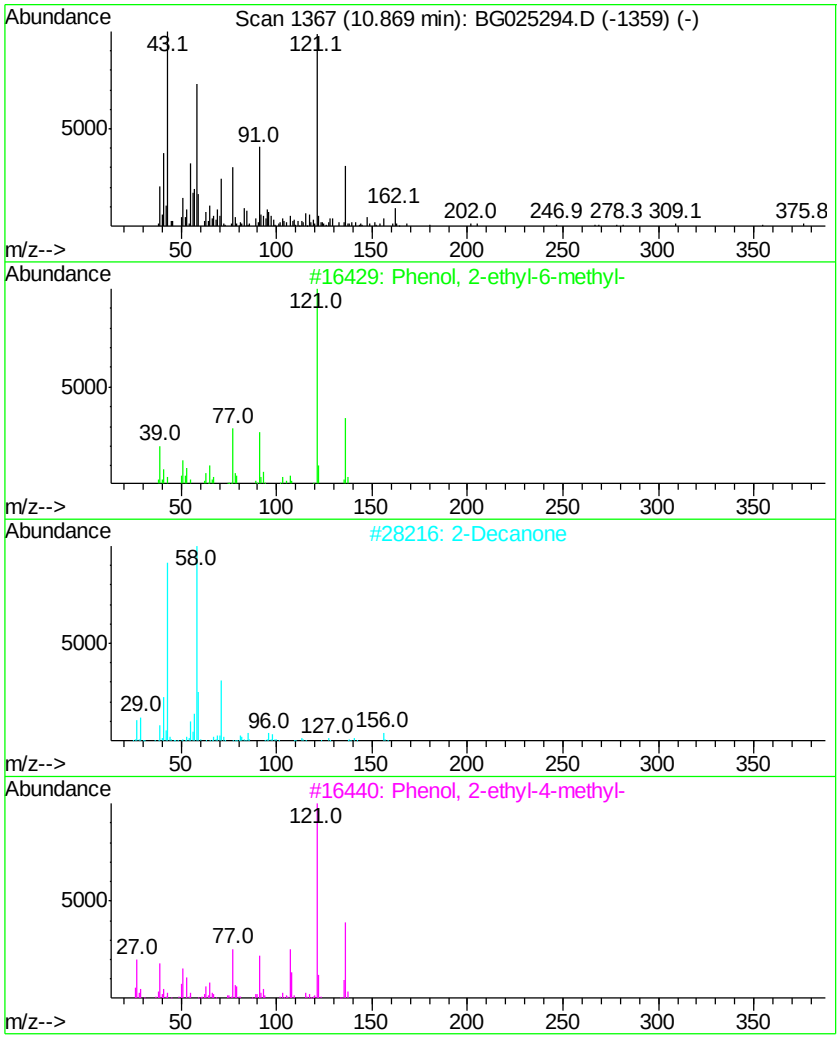
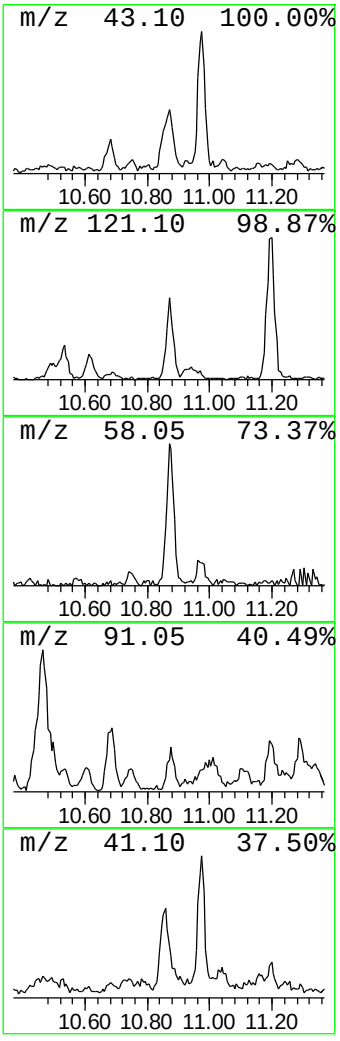
Peak Number 16 unknown-02 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.87	32.24 ng/ul	644468	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	41
2	2-Decanone	156	C10H20O	000693-54-9	38
3	Phenol, 2-ethyl-4-methyl-	136	C9H12O	003855-26-3	38
4	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	38
5	2-Decanone	156	C10H20O	000693-54-9	38





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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

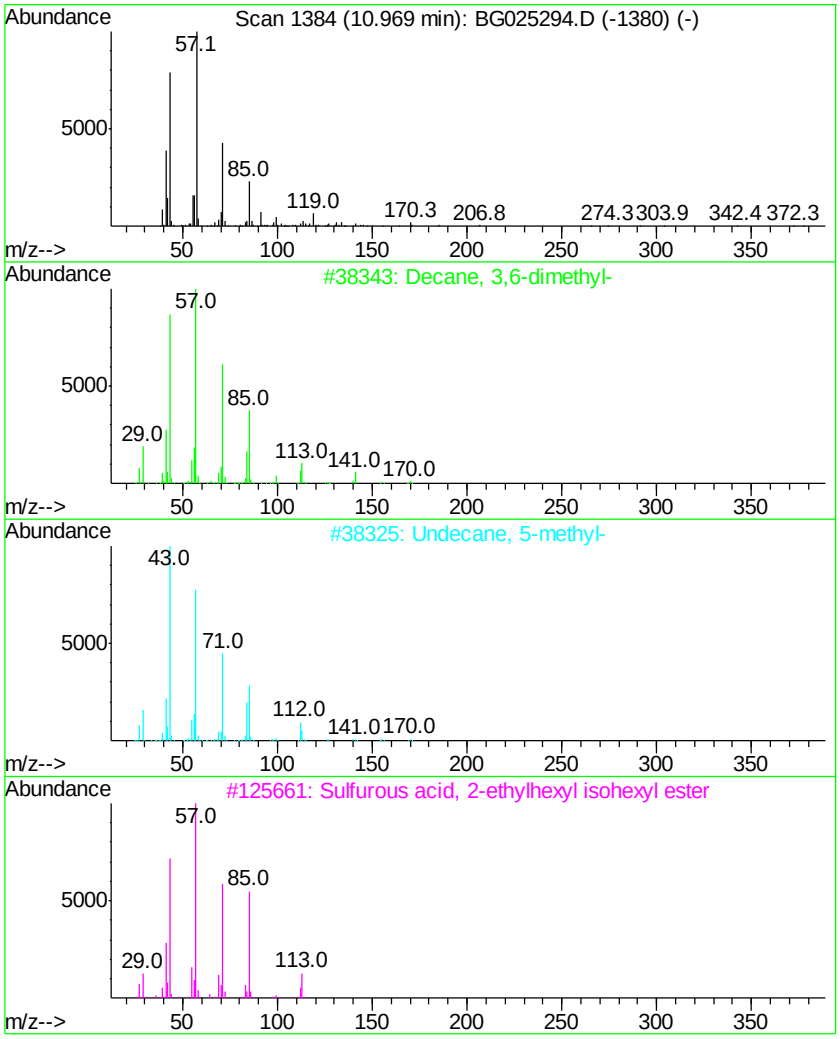
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

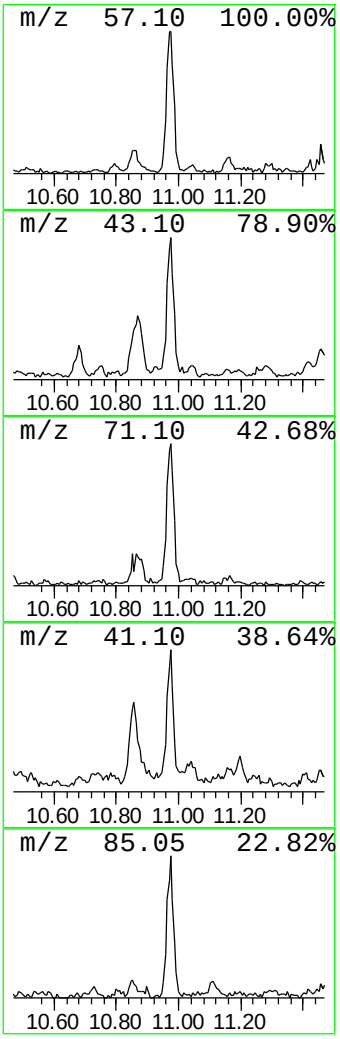
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.97	22.17 ng/ul	443272	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	90
2	Undecane, 5-methyl-	170	C12H26	001632-70-8	72
3	Sulfurous acid, 2-ethylhexyl iso...	278	C14H30O3S	1000309-19-0	72
4	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	64
5	Undecane, 2-methyl-	170	C12H26	007045-71-8	64





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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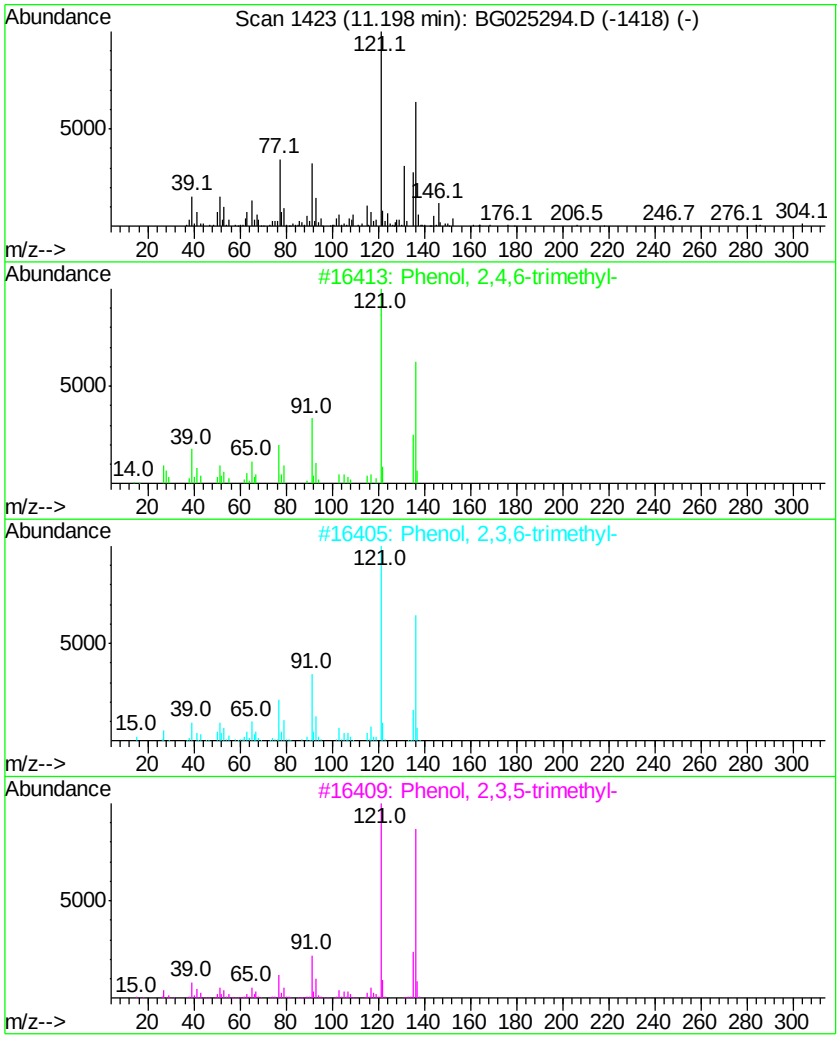
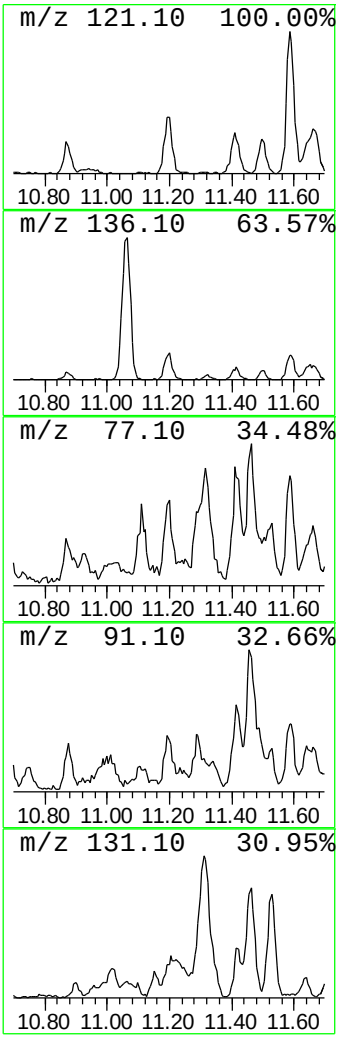
Peak Number 18 Phenol, 2,4,6-trimethyl- Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.20	20.03 ng/ul	400438	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	92
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	86
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	76
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	76
5	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	76





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

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

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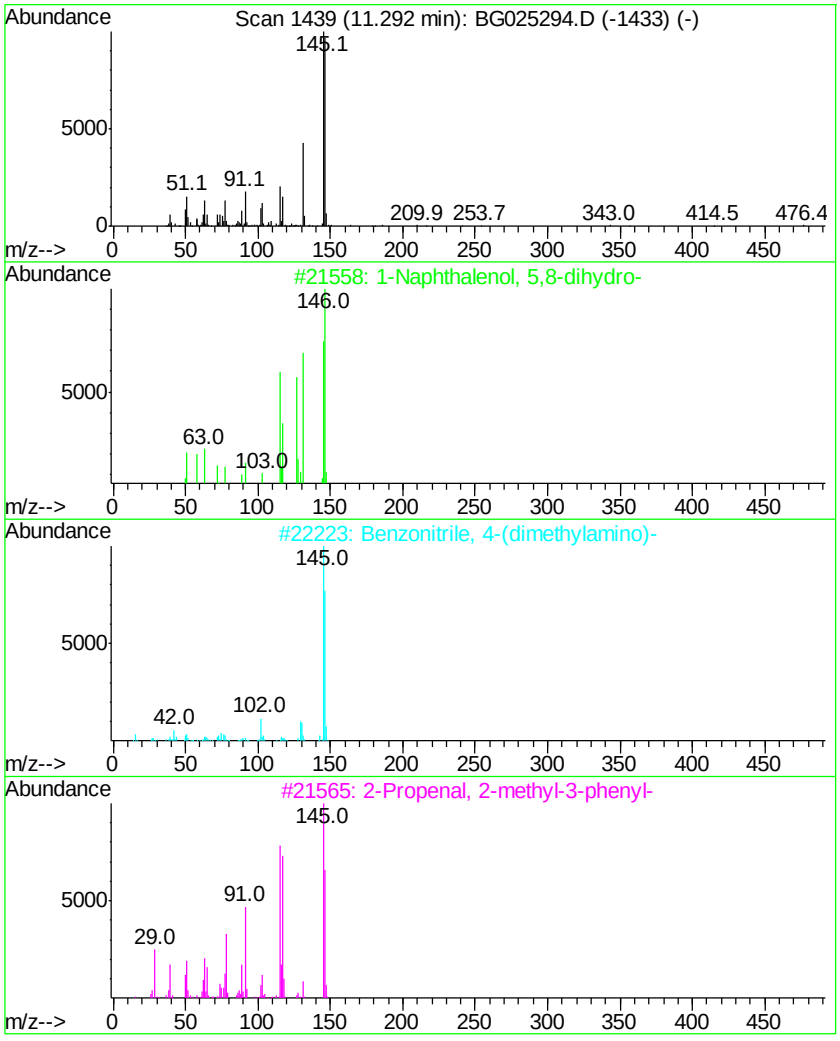
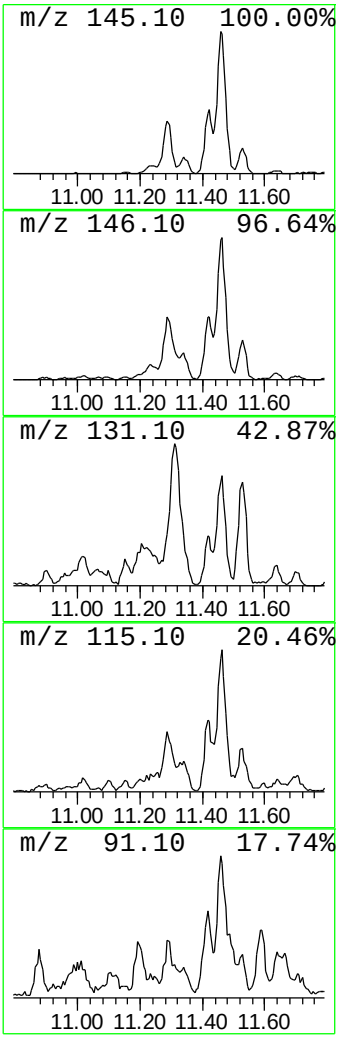
Peak Number 19 1-Naphthalenol, 5,8-dihydro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.29	78.87 ng/ul	1576540	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	50
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	47
4	2-Propyn-1-ol, 3-(4-methylphenyl)-	146	C10H10O	016017-24-6	43
5	2-Methyl-5-(4-methylphenyl)tetra...	174	C9H10N4	038446-87-6	38





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Misc :
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Instrument : BNA_G
ClientSampleId : DA830DL

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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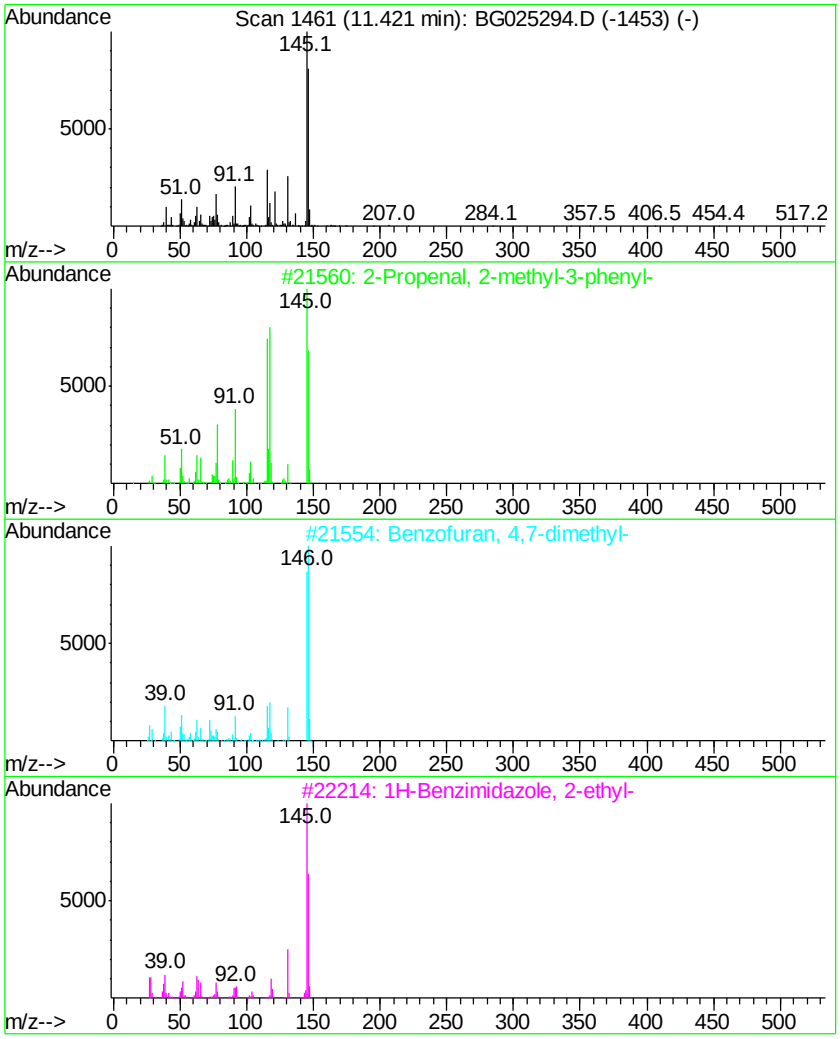
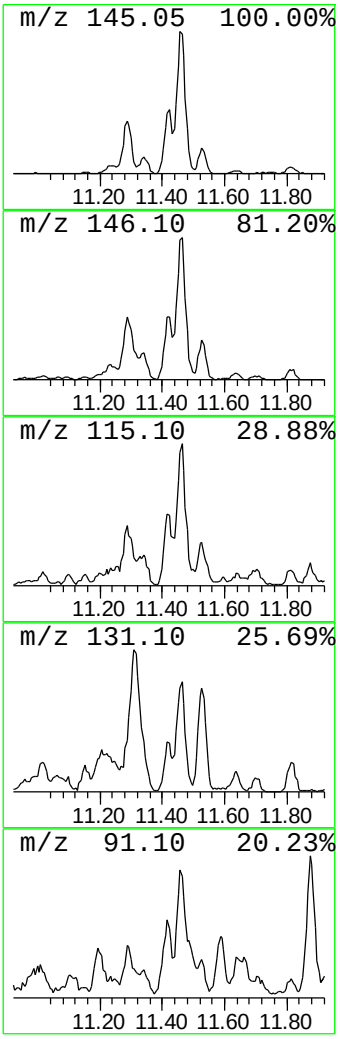
Peak Number 20 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.42	51.98 ng/ul	1039110	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	64
2	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	59
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
5	1-Naphthalenol, 5,8-dihydro-	146	C10H10O	027673-48-9	50





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Sample : H5938-10DL 5X
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Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

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

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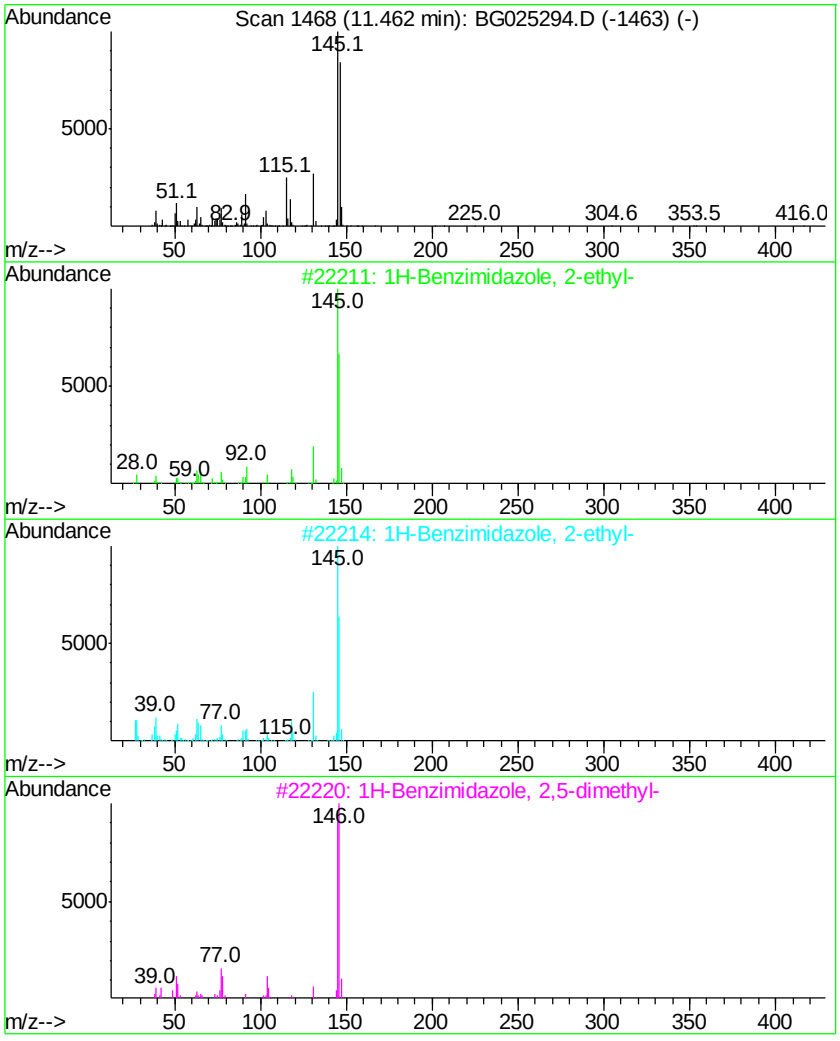
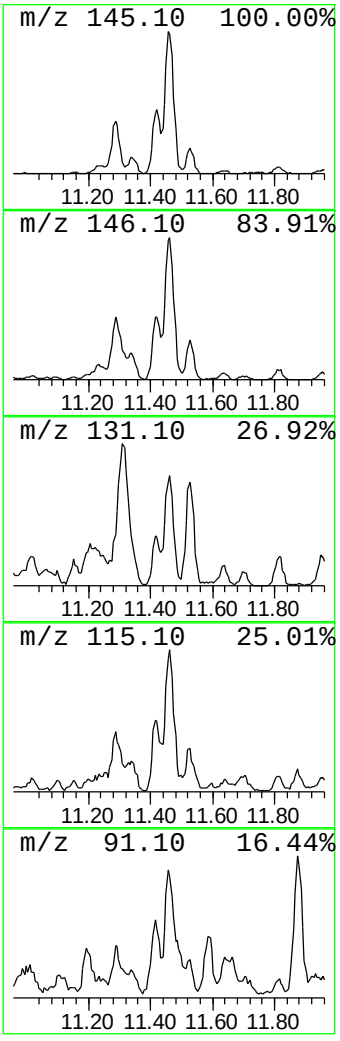
Peak Number 21 1H-Benzimidazole, 2-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.46	104.28 ng/ul	2084500	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	49





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

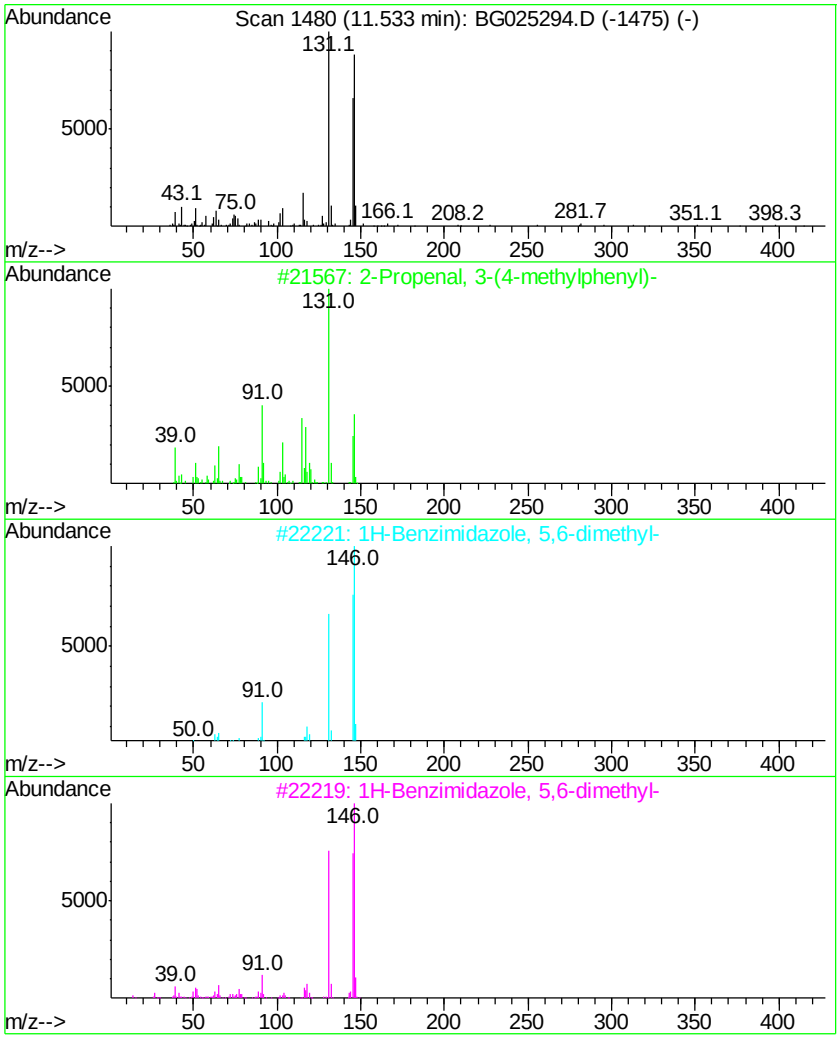
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

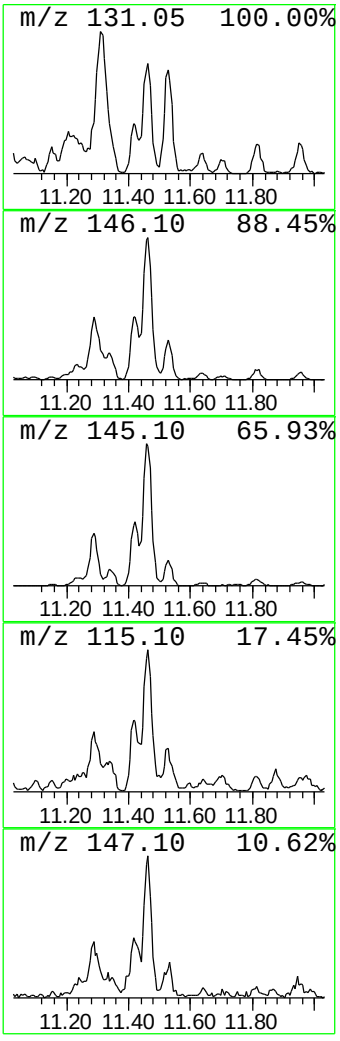
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 22 2-Propenal, 3-(4-methylphen... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	23.78 ng/ul	475446	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 3-(4-methylphenyl)-	146	C10H10O	001504-75-2	72
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	58
3	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	53
4	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001680-51-9	50
5	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	002809-64-5	50





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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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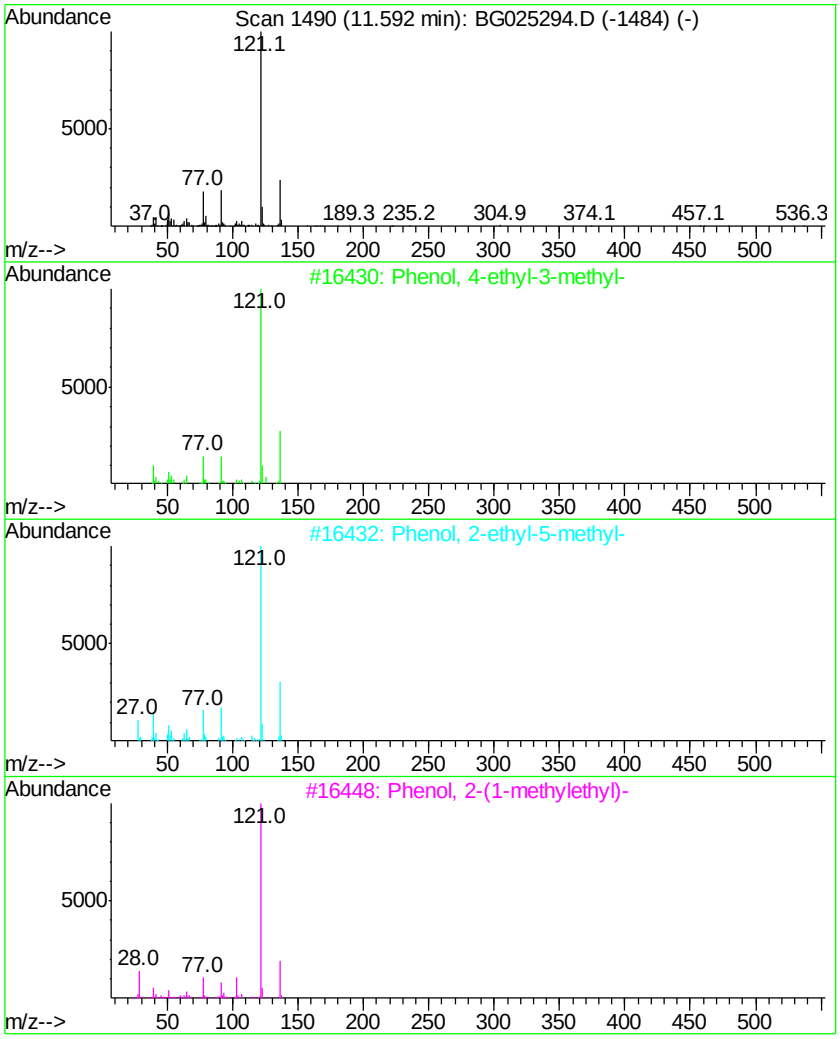
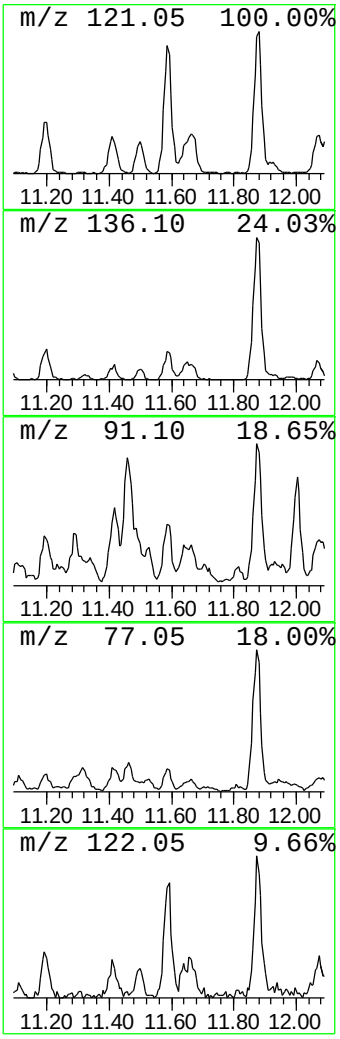
Peak Number 23 Phenol, 4-ethyl-3-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.59	20.13 ng/ul	402305	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-3-methyl-	136	C9H12O	001123-94-0	93
2	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	90
3	Phenol, 2-(1-methylethyl)-	136	C9H12O	000088-69-7	86
4	Phenol, 4-(1-methylethyl)-	136	C9H12O	000099-89-8	86
5	Phenol, 4-ethyl-2-methyl-	136	C9H12O	002219-73-0	86





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Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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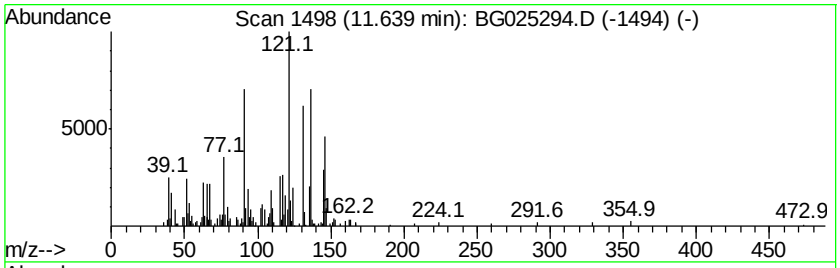
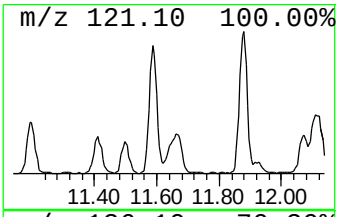
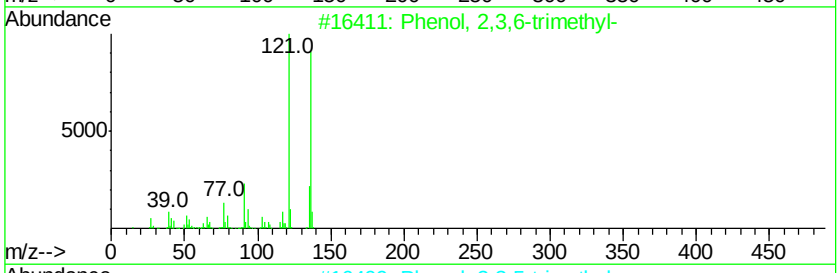
Peak Number 24 Phenol, 2,3,6-trimethyl- Concentration Rank 41

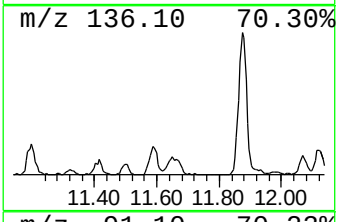
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.64	15.74 ng/ul	314660	Naphthalene-d8	11.06

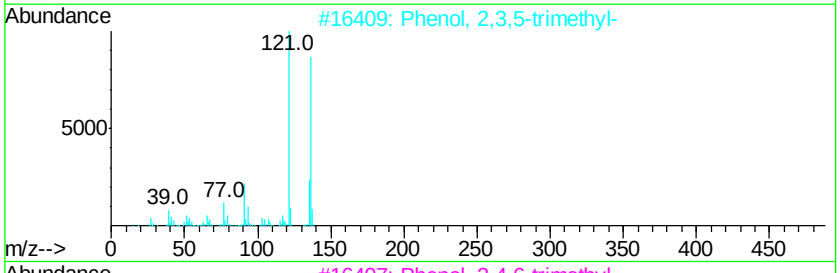
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	50
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	45
3	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	45
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	45
5	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	42

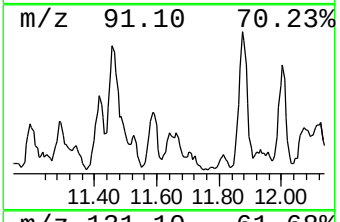


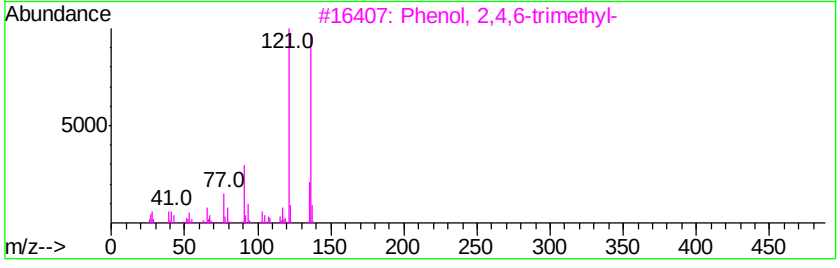


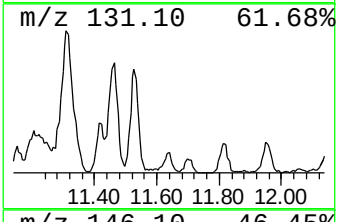


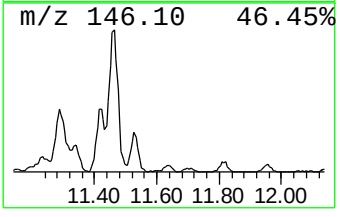












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Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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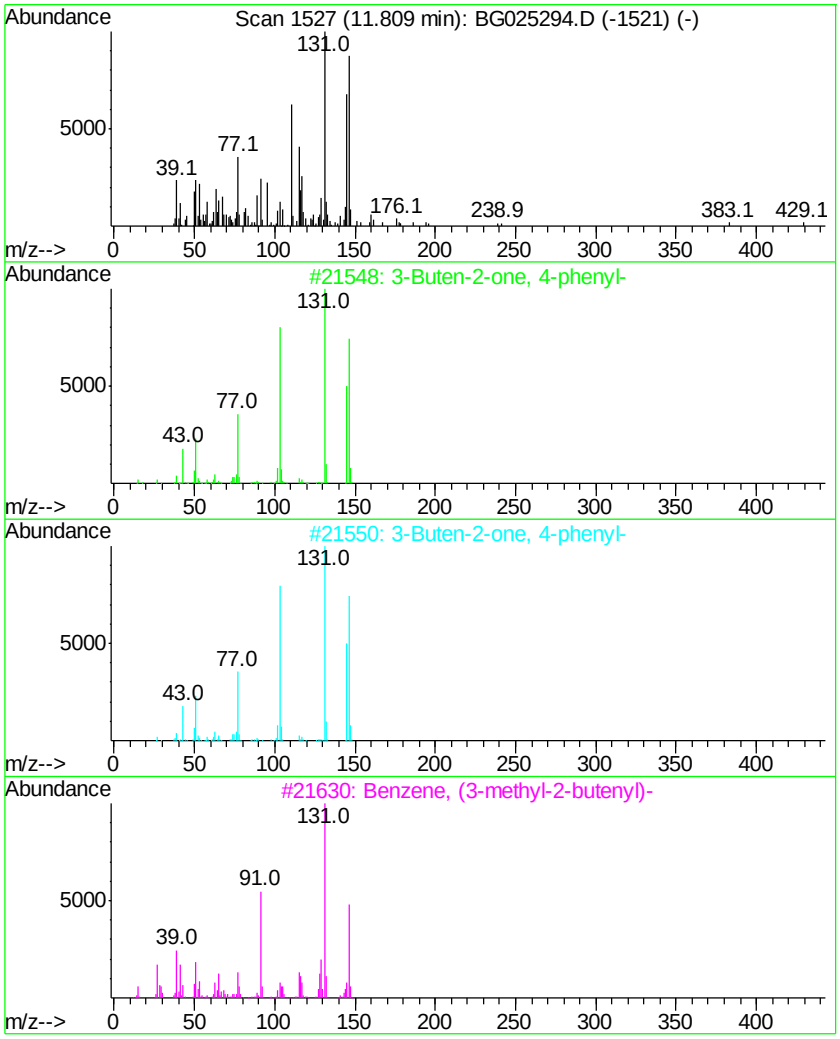
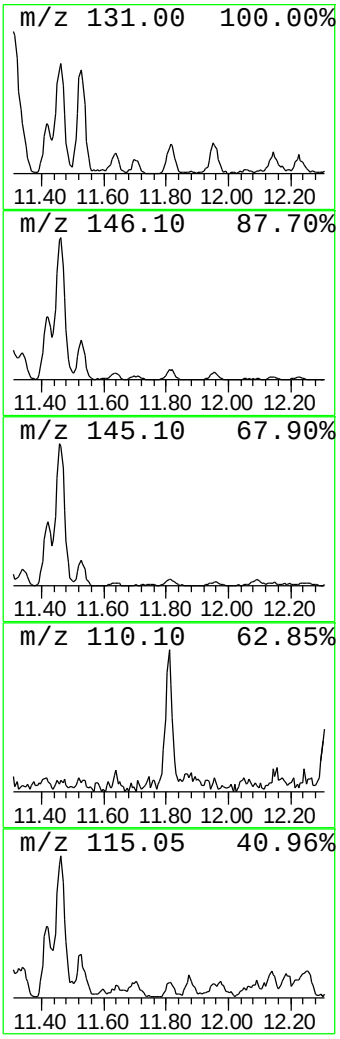
Peak Number 25 3-Buten-2-one, 4-phenyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	12.59 ng/ul	251738	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	78
2	3-Buten-2-one, 4-phenyl-	146	C10H10O	000122-57-6	78
3	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	60
4	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	60
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	60





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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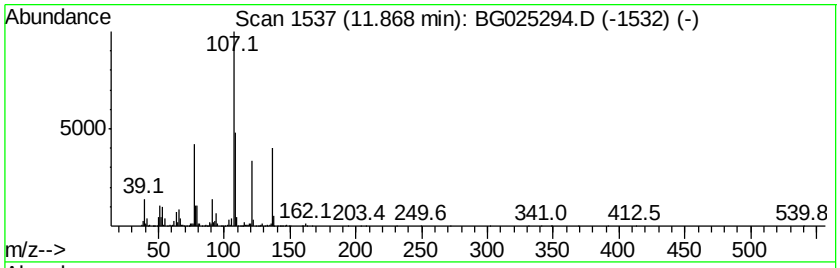
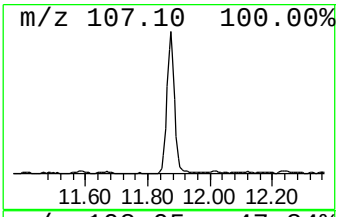
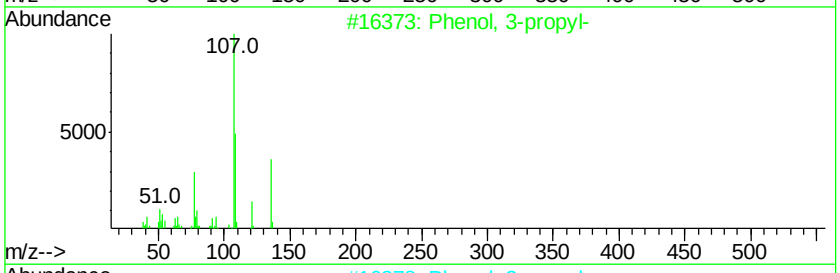
Peak Number 26 Phenol, 3-propyl- Concentration Rank 1

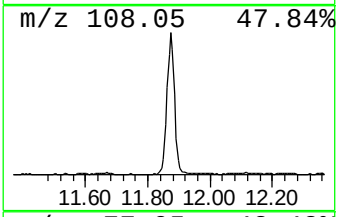
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.87	113.99 ng/ul	2278750	Naphthalene-d8	11.06

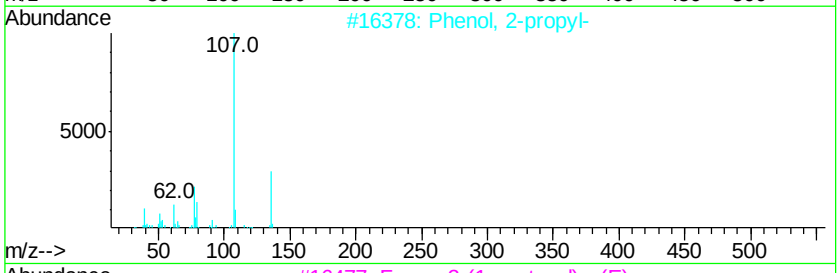
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	94
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50
3	Furan, 2-(1-pentenyl)-, (E)-	136	C9H12O	020992-69-2	50
4	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	43
5	Benzenemethanol, 4-ethyl-	136	C9H12O	000768-59-2	42

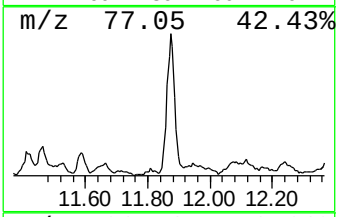


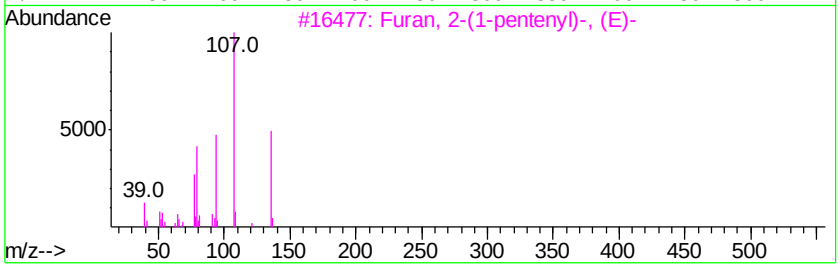


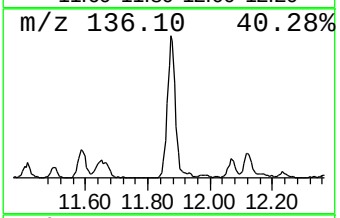


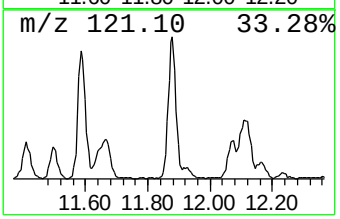












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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

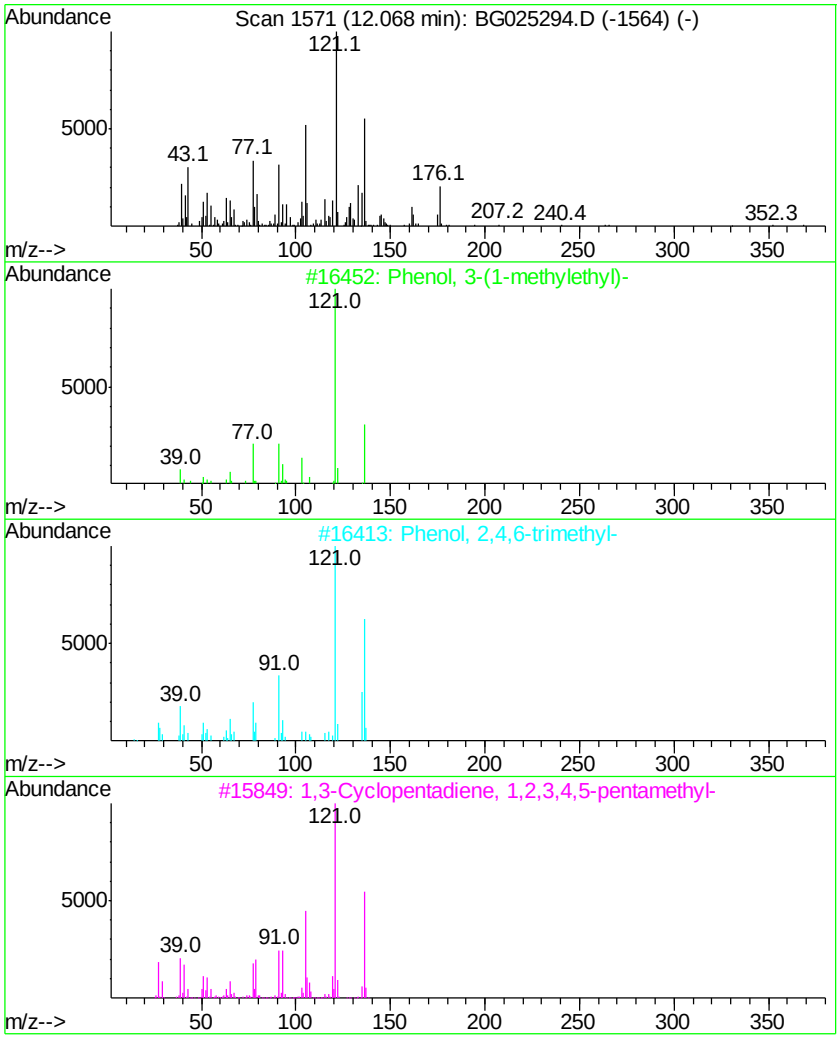
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

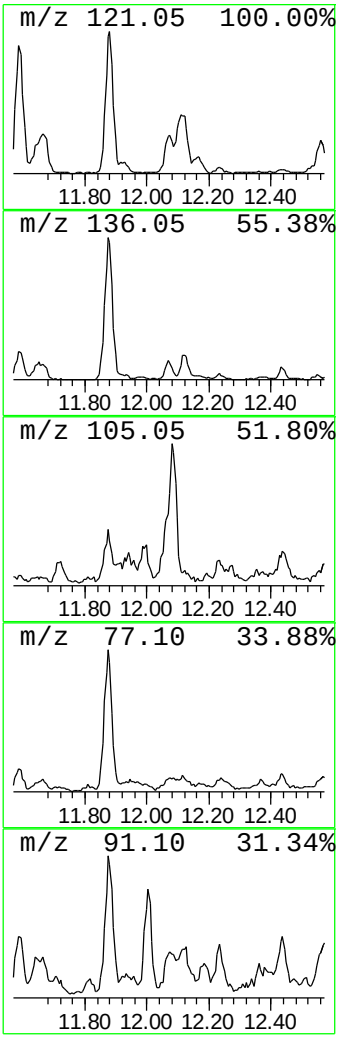
****

Peak Number 27 Phenol, 3-(1-methylethyl)- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	37.03 ng/ul	740194	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	55
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	53
3	1,3-Cyclopentadiene, 1,2,3,4,5-p...	136	C10H16	004045-44-7	52
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	49
5	3-Methylbenzyl alcohol, methyl e...	136	C9H12O	1000365-13-5	49





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Instrument : BNA_G
ClientSampleId : DA830DL

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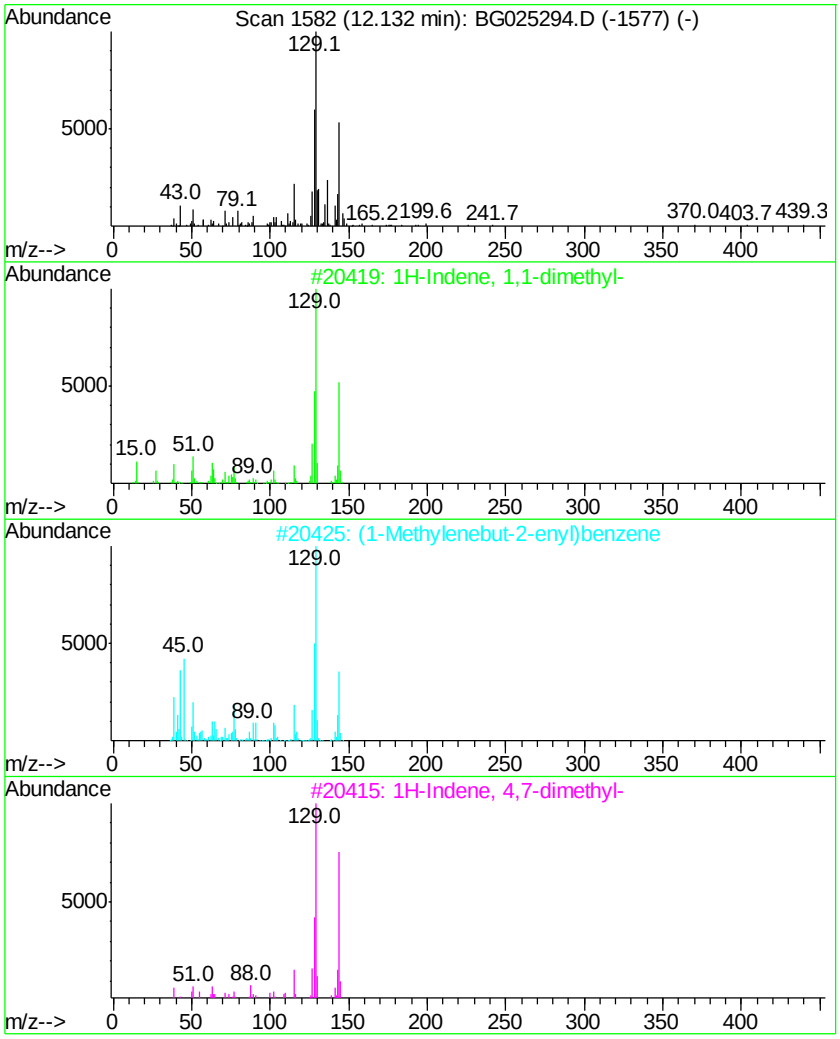
Quant Title : SVOA CALIBRATION

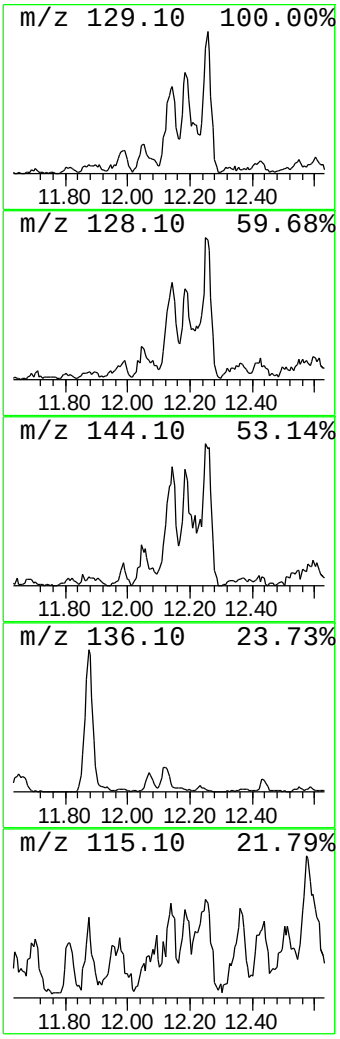
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 28 1H-Indene, 1,1-dimethyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	18.36 ng/ul	367084	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	76
2	(1-Methylenebut-2-enyl)benzene	144	C11H12	070588-46-4	76
3	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	68
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	68
5	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	68





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Sample : H5938-10DL 5X
Misc :
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Instrument : BNA_G
ClientSampleId : DA830DL

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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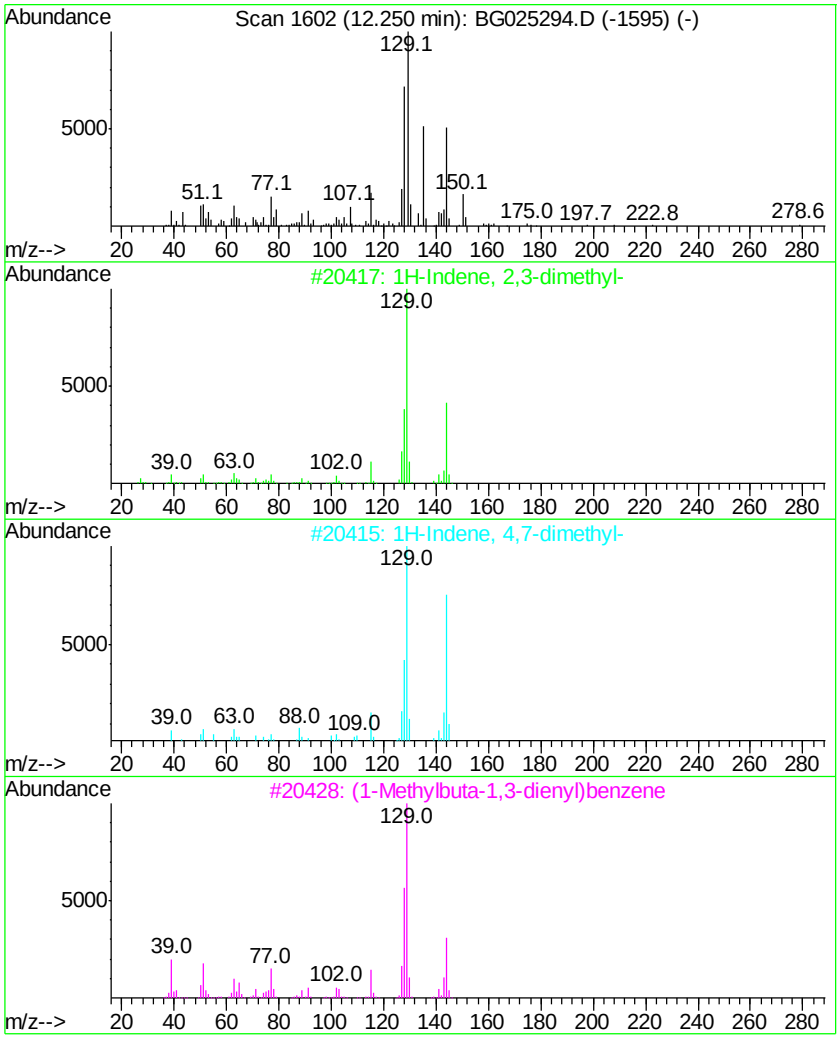
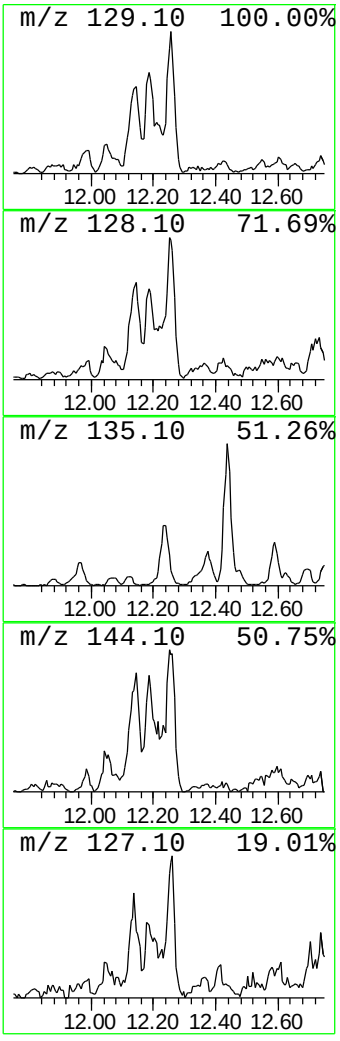
Peak Number 29 1H-Indene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.25	36.36 ng/ul	726865	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	64
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	62
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	62
4	Benzene, 1-cyclopenten-1-yl-	144	C11H12	000825-54-7	62
5	Naphthalene, 1,2-dihydro-6-methyl-	144	C11H12	002717-47-7	60





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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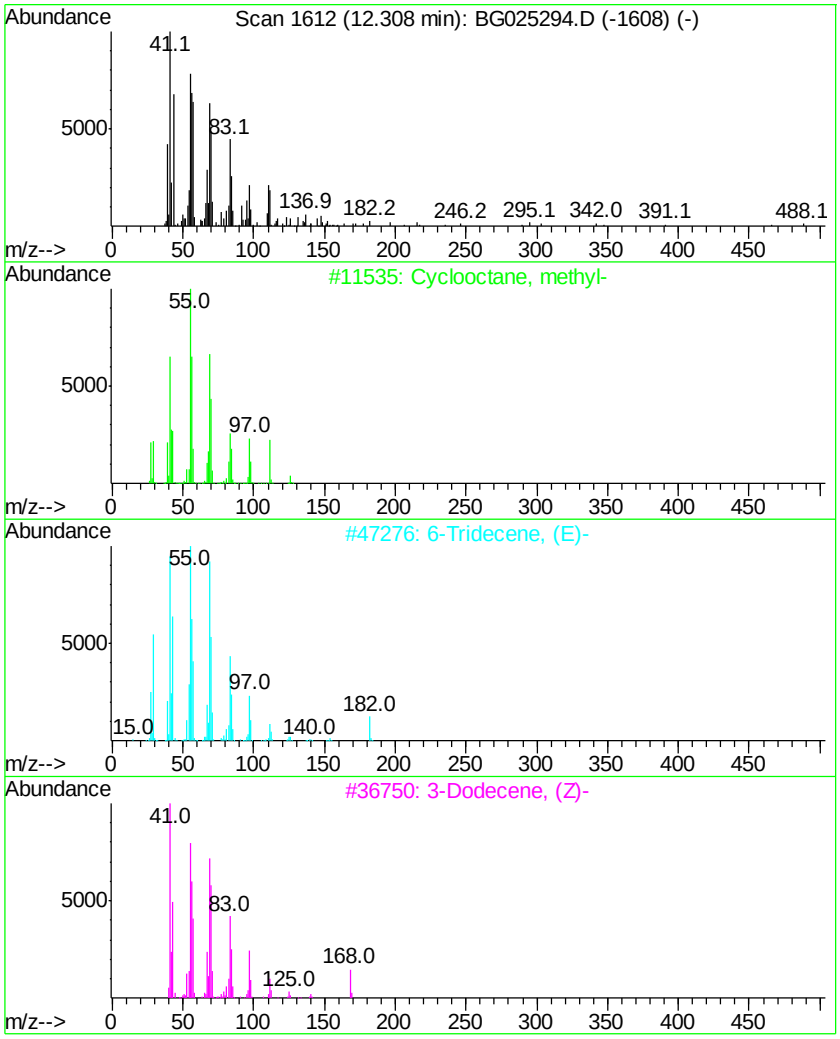
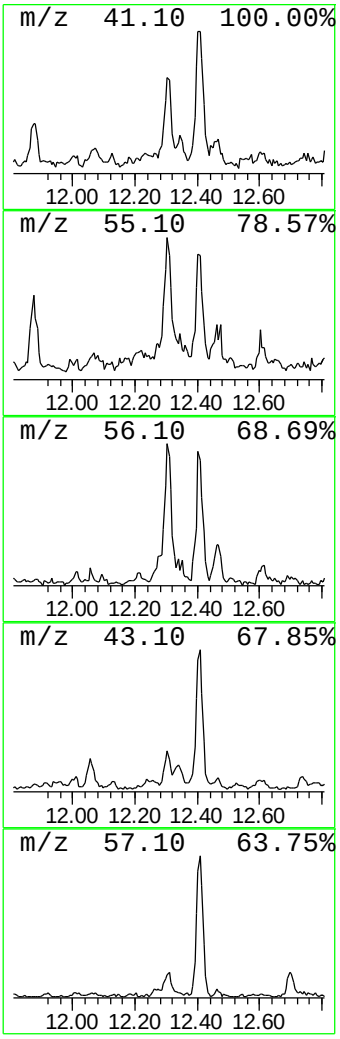
Peak Number 30 (DEL) Alkane: Cyclic12.31 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.31	12.69 ng/ul	253659	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclooctane, methyl-	126	C9H18	001502-38-1	91
2	6-Tridecene, (E)-	182	C13H26	006434-76-0	89
3	3-Dodecene, (Z)-	168	C12H24	007239-23-8	83
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	76
5	1-Undecene	154	C11H22	000821-95-4	76





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TIC Integration Parameters: LSCINT.P

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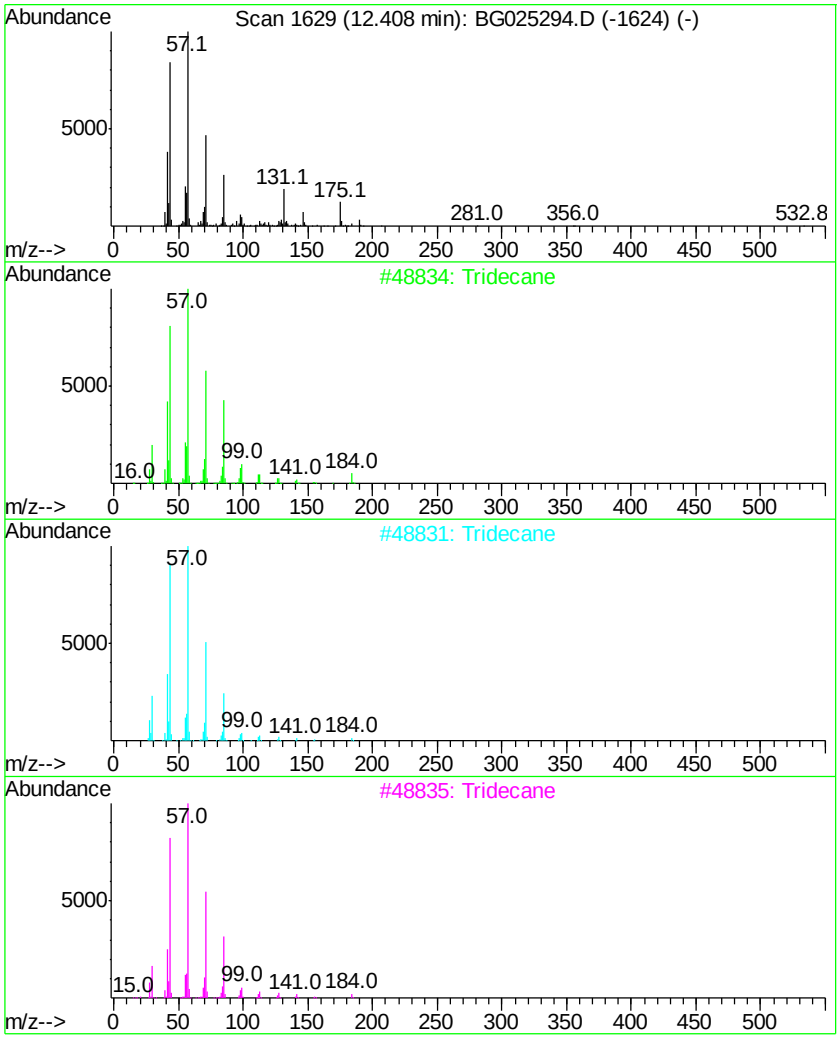
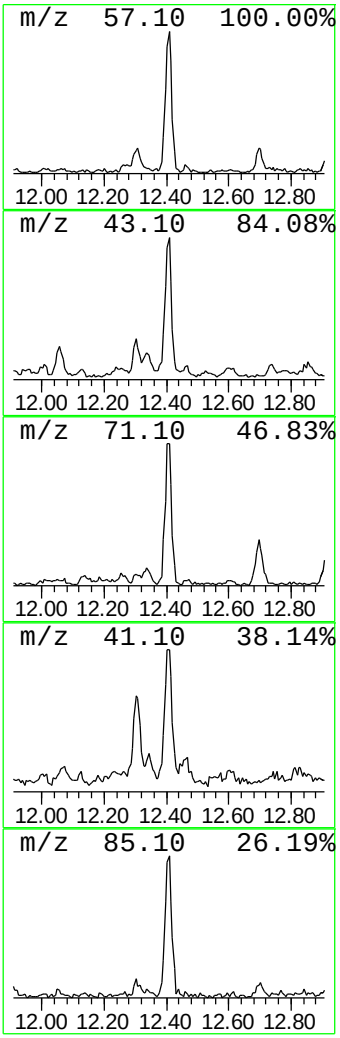
Peak Number 31 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	56.63 ng/ul	1132000	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	89
3	Tridecane	184	C13H28	000629-50-5	64
4	Hexadecane	226	C16H34	000544-76-3	58
5	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	53





Library Search Compound Report

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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

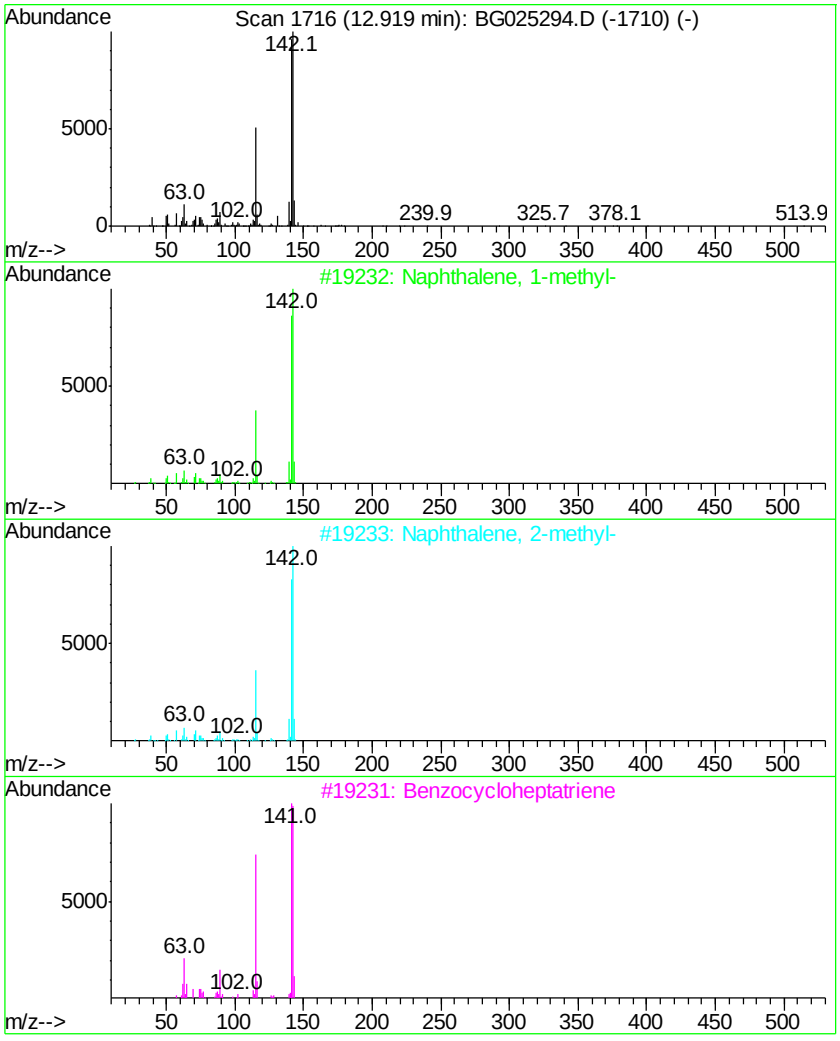
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

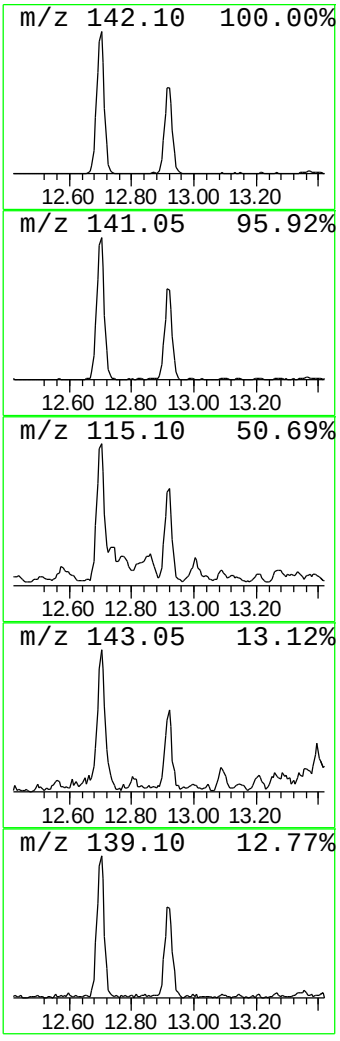
****

Peak Number 34 Naphthalene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	62.80 ng/ul	1255330	Naphthalene-d8	11.06

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	96
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	96
3	Benzocycloheptatriene	142	C11H10	000264-09-5	95
4	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	94
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

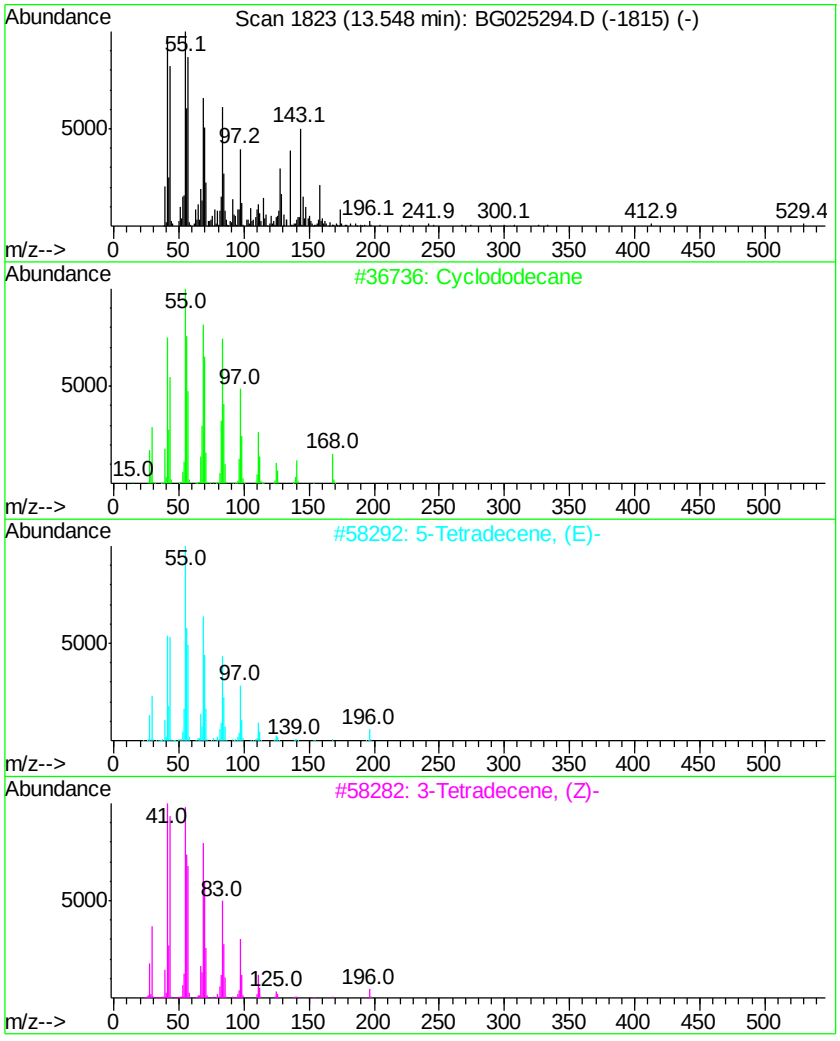
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

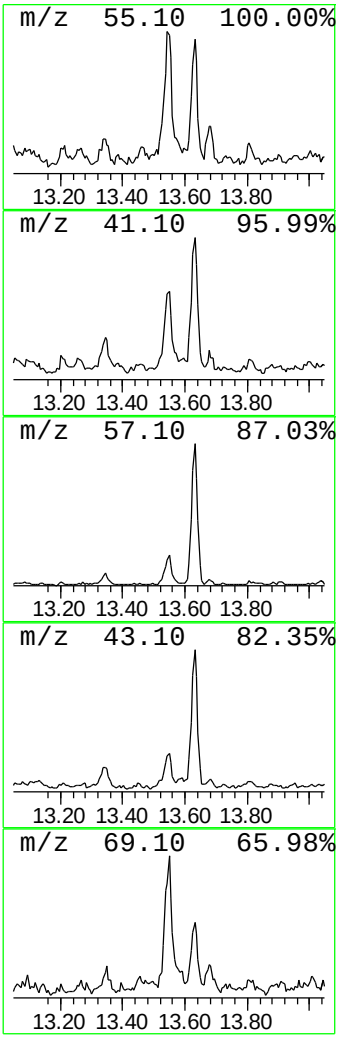
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 42 (DEL) Alkane: Cyclic13.55 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.55	19.27 ng/ul	840173	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclododecane	168	C12H24	000294-62-2	95
2	5-Tetradecene, (E)-	196	C14H28	041446-66-6	92
3	3-Tetradecene, (Z)-	196	C14H28	041446-67-7	80
4	Cyclotetradecane	196	C14H28	000295-17-0	78
5	Cyclotetradecane	196	C14H28	000295-17-0	78





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

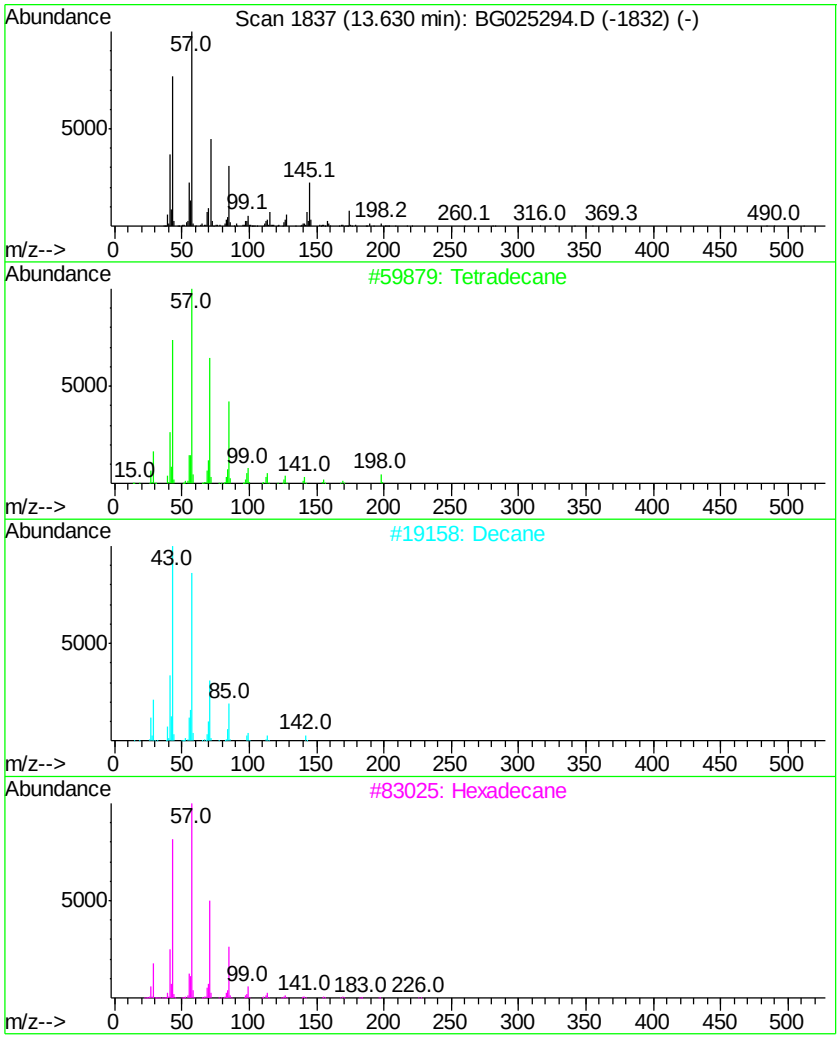
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

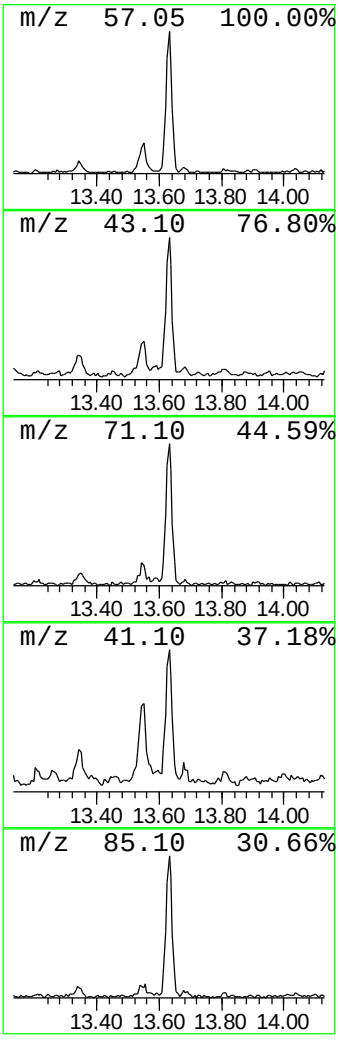
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 43 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.63	20.69 ng/ul	902247	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	86
2	Decane	142	C10H22	000124-18-5	58
3	Hexadecane	226	C16H34	000544-76-3	52
4	Octane, 2-methyl-	128	C9H20	003221-61-2	52
5	Hexatriacontane	507	C36H74	000630-06-8	50





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

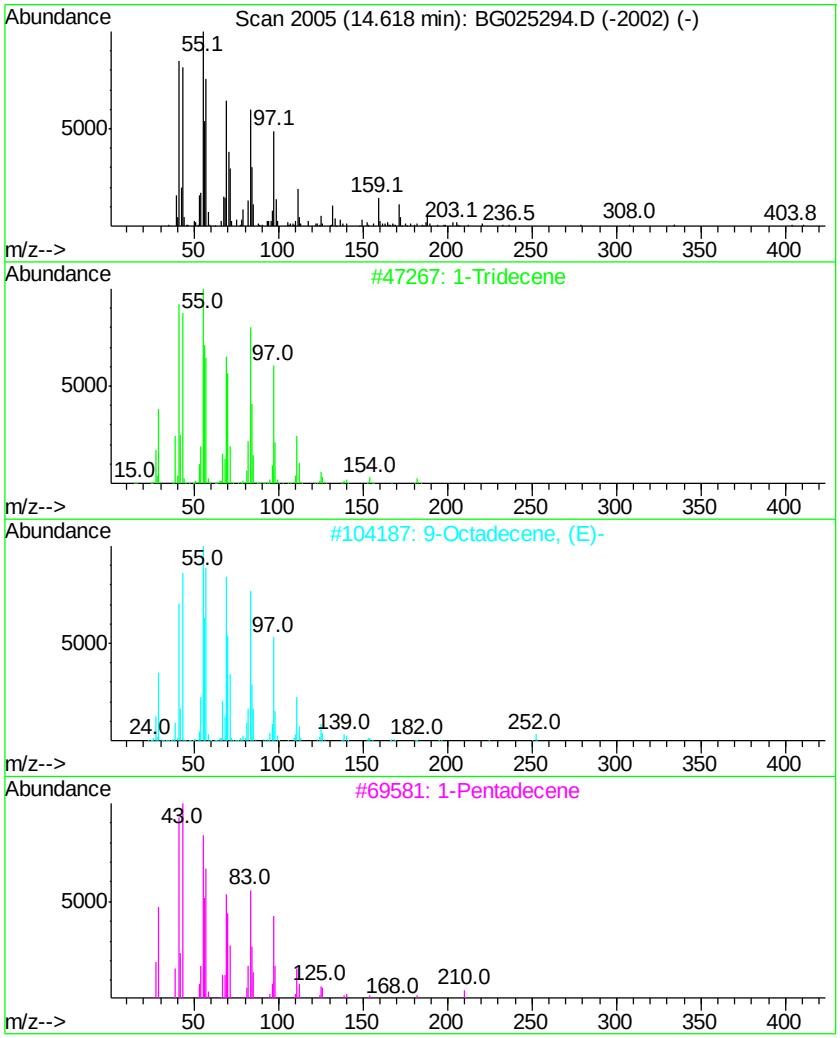
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

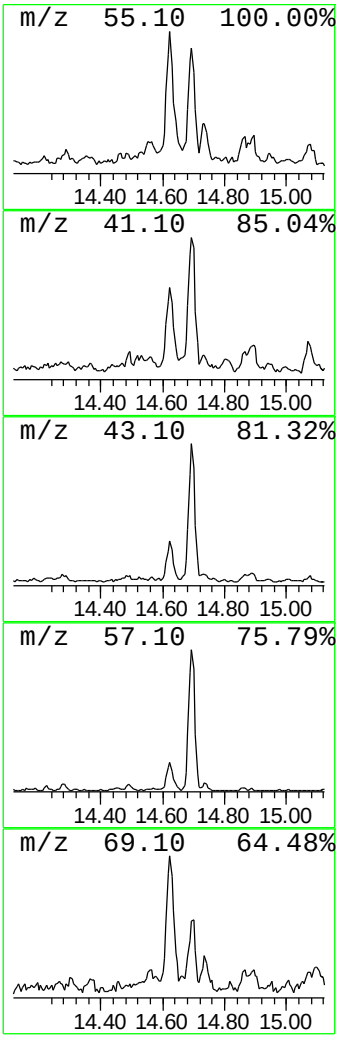
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 50 (DEL) Alkane: Cyclic14.62 Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	10.53 ng/ul	459217	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	94
2	9-Octadecene, (E)-	252	C18H36	007206-25-9	91
3	1-Pentadecene	210	C15H30	013360-61-7	91
4	Acetic acid, trifluoro-, dodecyl...	282	C14H25F3O2	006222-00-0	91
5	7-Hexadecene, (Z)-	224	C16H32	035507-09-6	91





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ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

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

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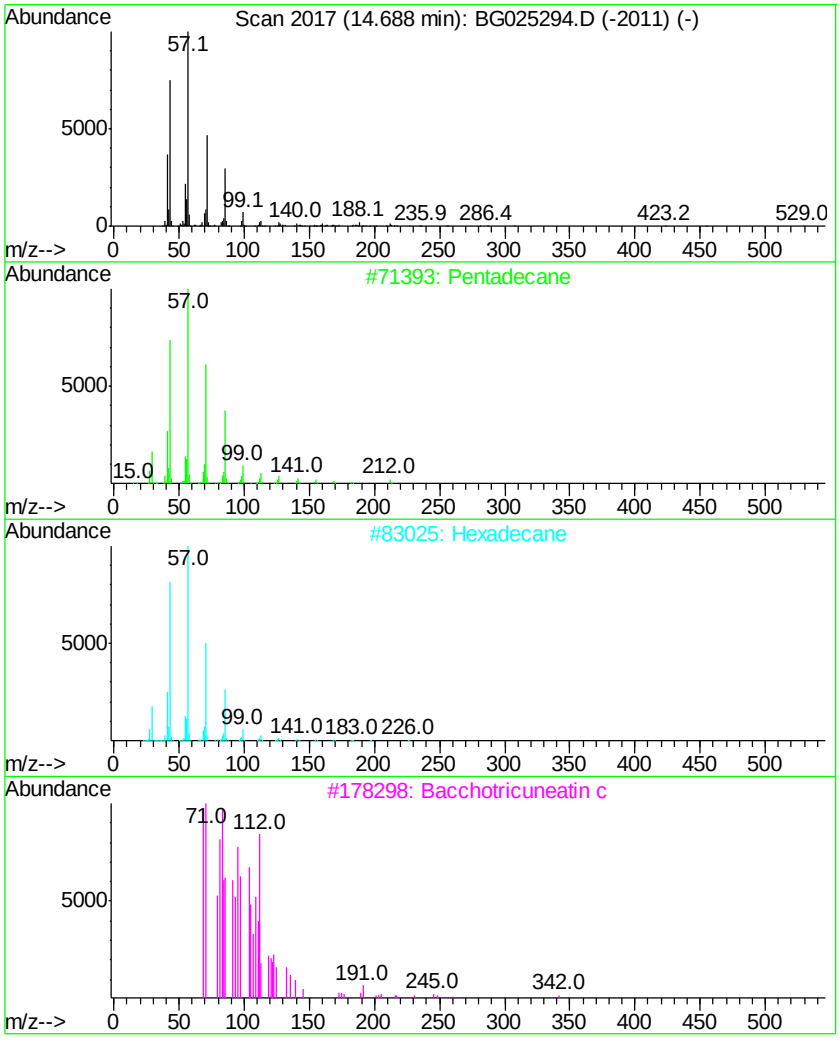
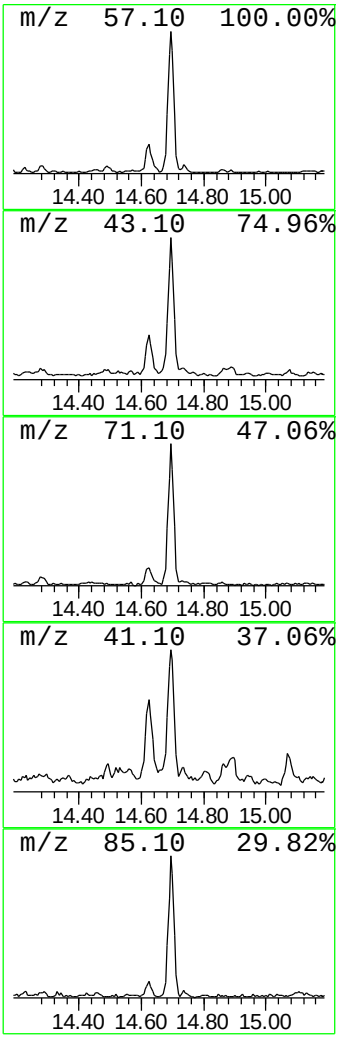
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.69	25.13 ng/ul	1096160	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	94
2	Hexadecane	226	C16H34	000544-76-3	91
3	Bacchotricuneatin c	342	C20H22O5	066563-30-2	86
4	Tetradecane	198	C14H30	000629-59-4	83
5	Hexadecane	226	C16H34	000544-76-3	80





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

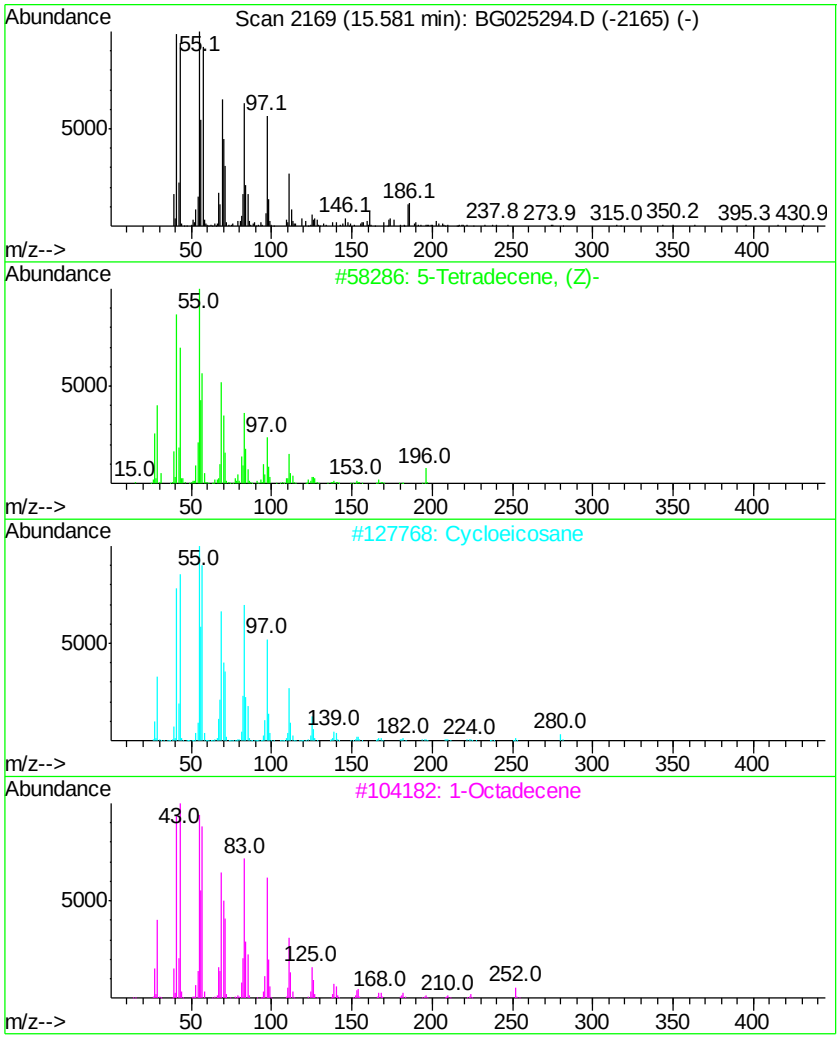
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

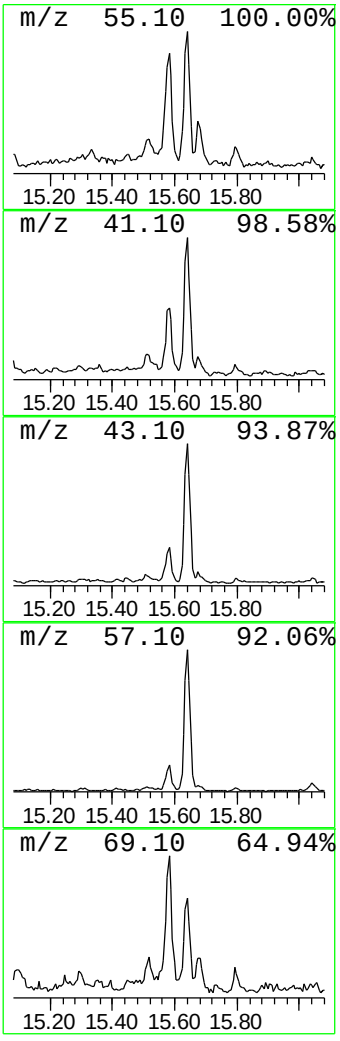
****

Peak Number 54 (DEL) Alkane: Cyclic15.58 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.58	12.24 ng/ul	533941	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Tetradecene, (Z)-	196	C14H28	041446-62-2	89
2	Cycloeicosane	280	C20H40	000296-56-0	87
3	1-Octadecene	252	C18H36	000112-88-9	87
4	1-Hexacosene	364	C26H52	018835-33-1	83
5	4-Heptafluorobutyryloxyhexadecane	438	C20H33F7O2	1000282-97-2	81





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

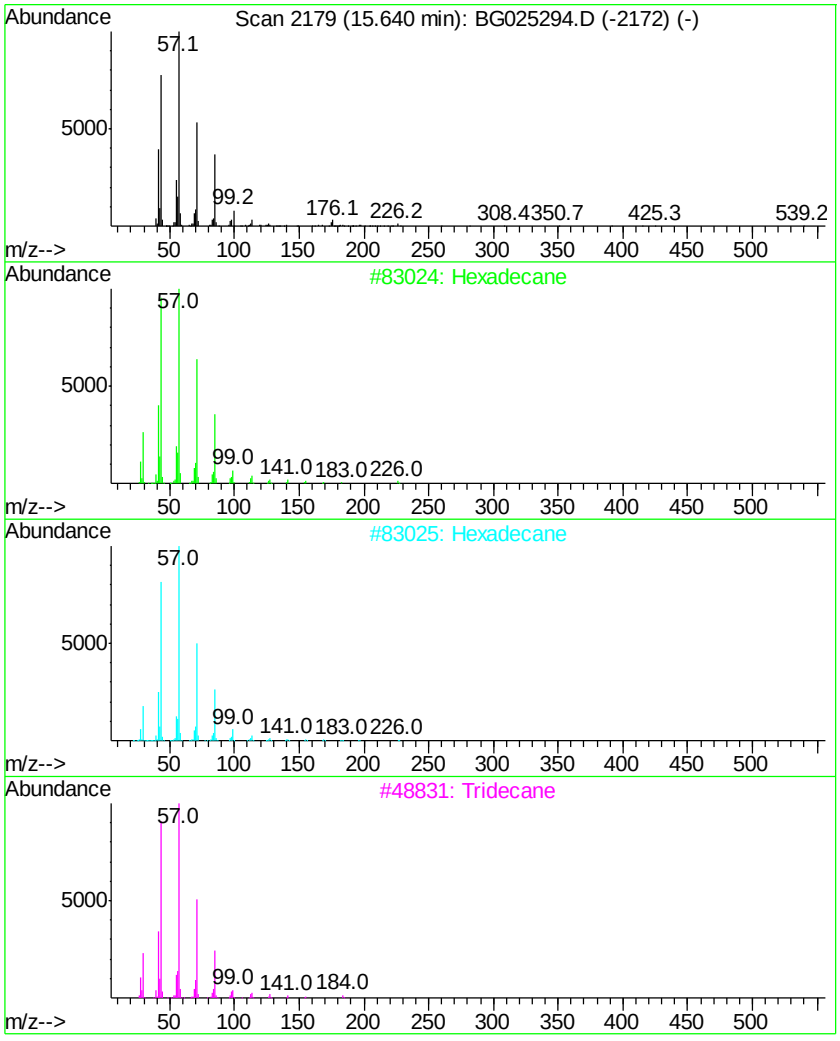
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

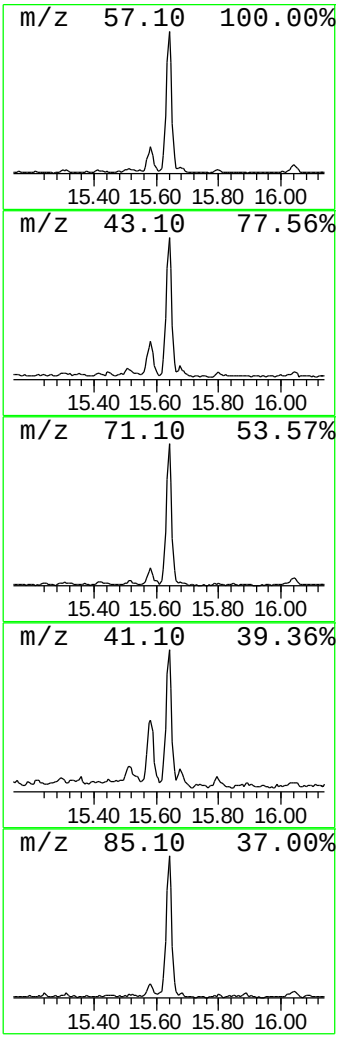
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 55 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.64	36.82 ng/ul	1605650	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Hexadecane	226	C16H34	000544-76-3	87
3	Tridecane	184	C13H28	000629-50-5	83
4	Tetradecane	198	C14H30	000629-59-4	78
5	Pentadecane	212	C15H32	000629-62-9	78





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

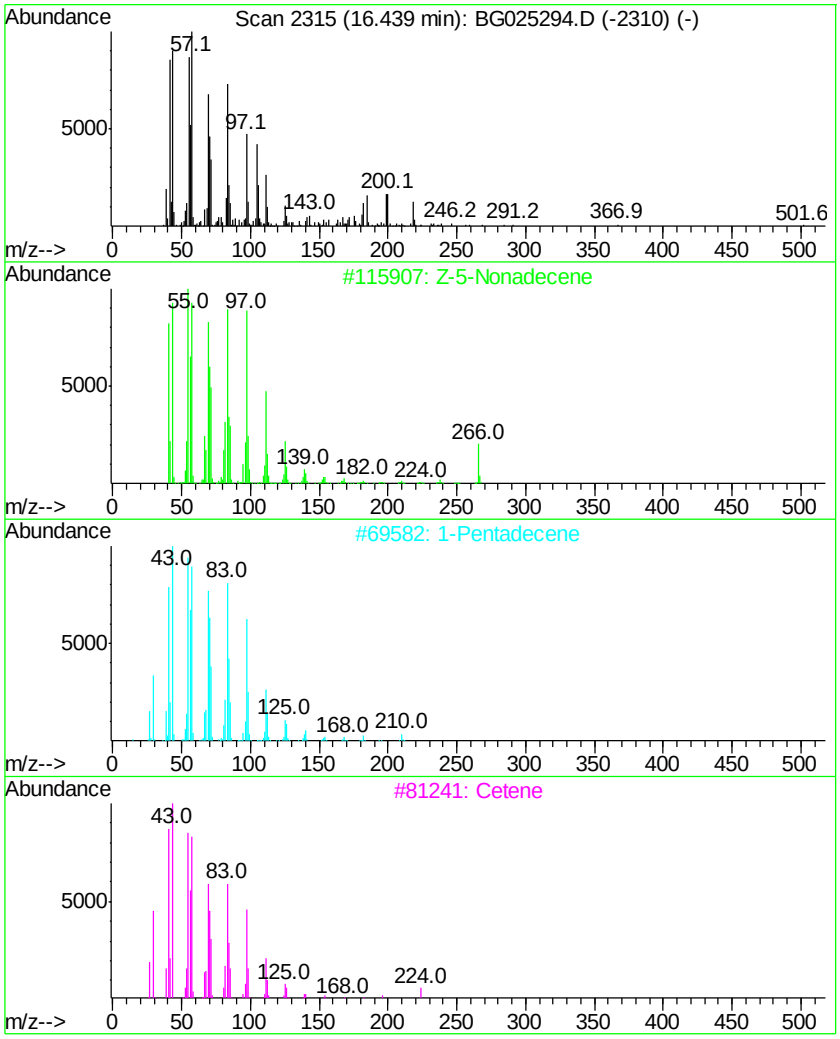
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

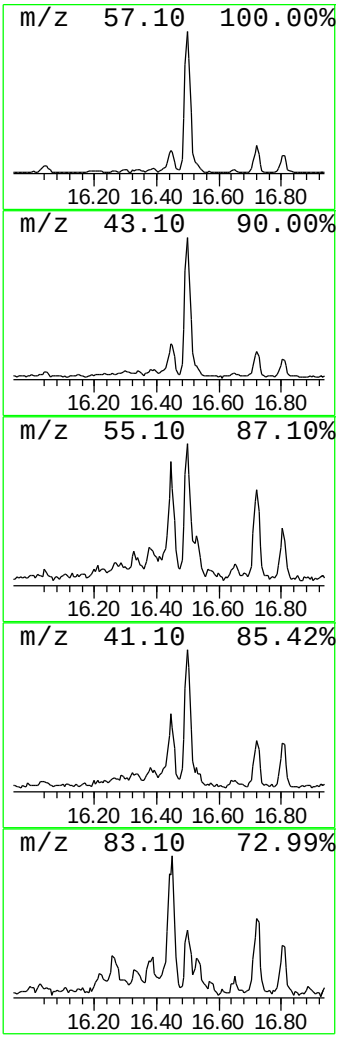
****

Peak Number 56 (DEL) Alkane: Cyclic16.44 Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.44	16.02 ng/ul	813688	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Z-5-Nonadecene	266	C19H38	1000131-11-8	93
2	1-Pentadecene	210	C15H30	013360-61-7	90
3	Cetene	224	C16H32	000629-73-2	81
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	81
5	1-Nonadecene	266	C19H38	018435-45-5	81





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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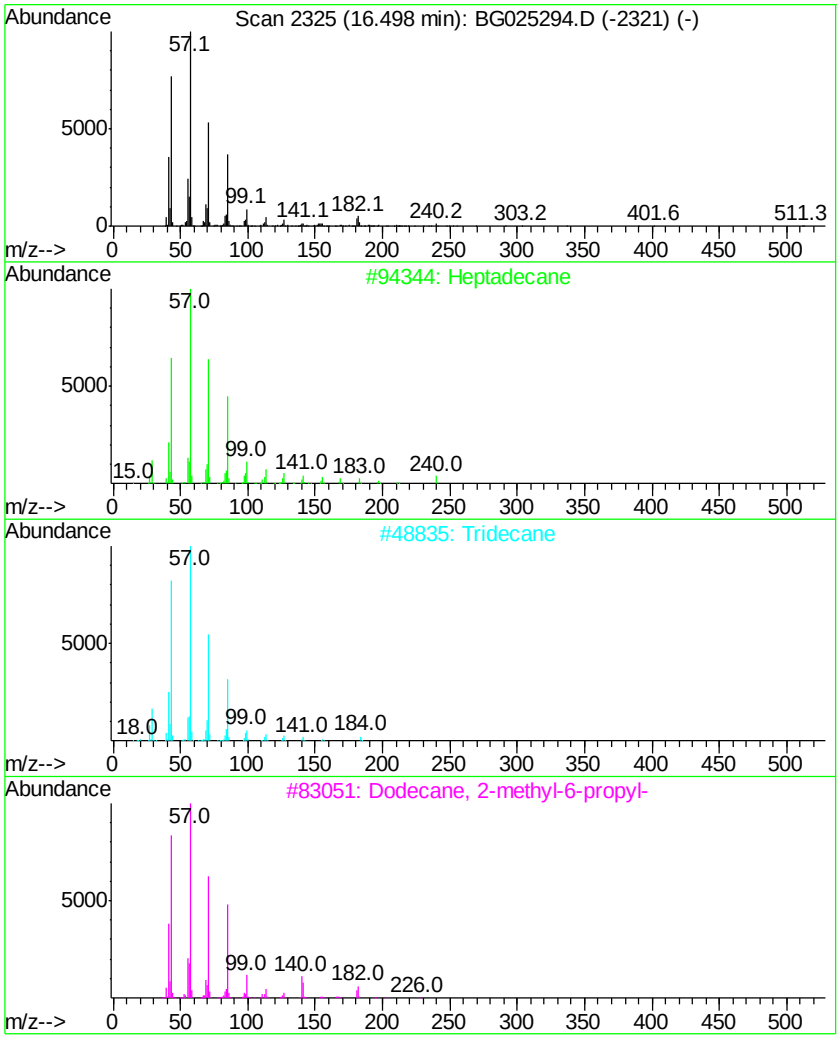
Quant Title : SVOA CALIBRATION

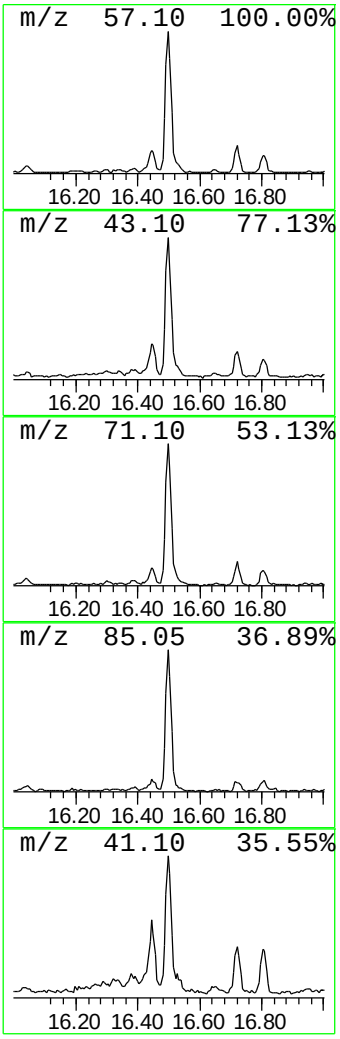
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.50	28.34 ng/ul	1439330	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	90
2	Tridecane	184	C13H28	000629-50-5	80
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Hexadecane	226	C16H34	000544-76-3	80





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Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

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

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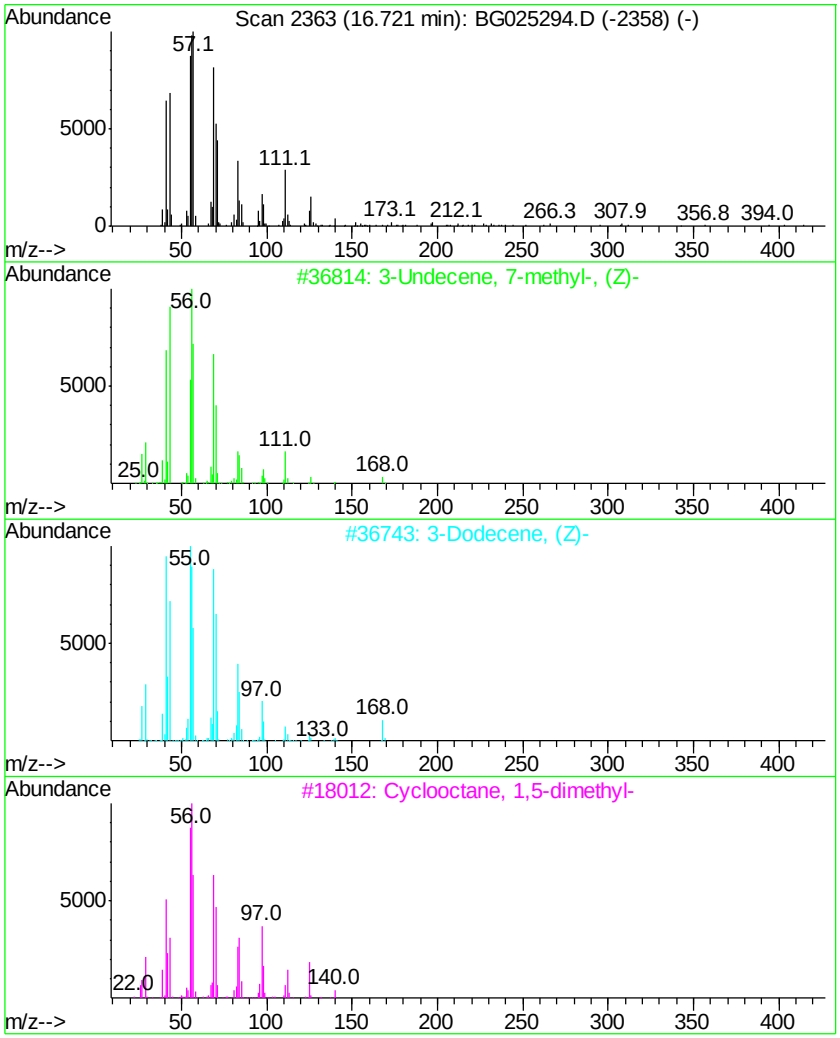
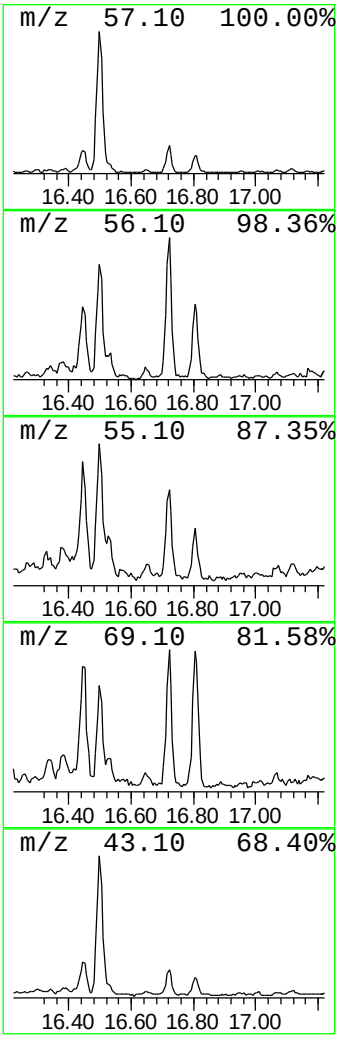
Peak Number 58 (DEL) Alkane: Cyclic16.72 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	11.72 ng/ul	595187	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Undecene, 7-methyl-, (Z)-	168	C12H24	074630-49-2	81
2	3-Dodecene, (Z)-	168	C12H24	007239-23-8	68
3	Cyclooctane, 1,5-dimethyl-	140	C10H20	021328-57-4	58
4	2-Undecene, 10-methyl-	168	C12H24	1000061-83-3	58
5	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	58





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Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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Quant Title : SVOA CALIBRATION

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

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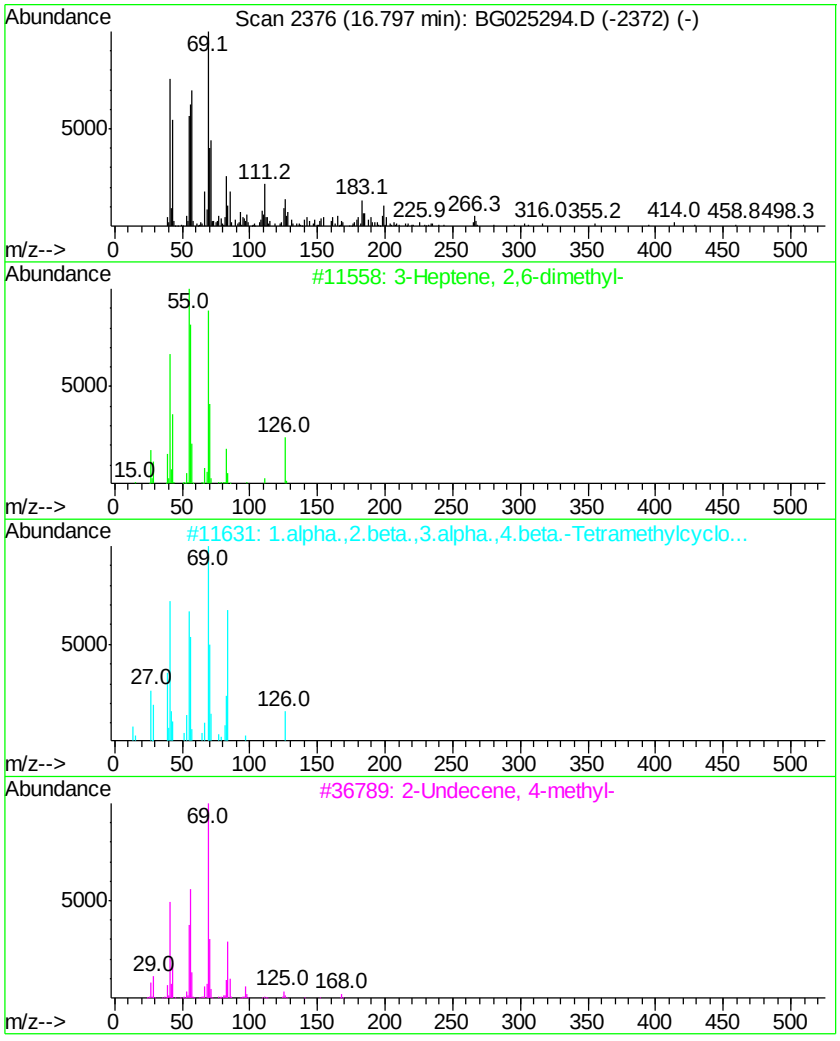
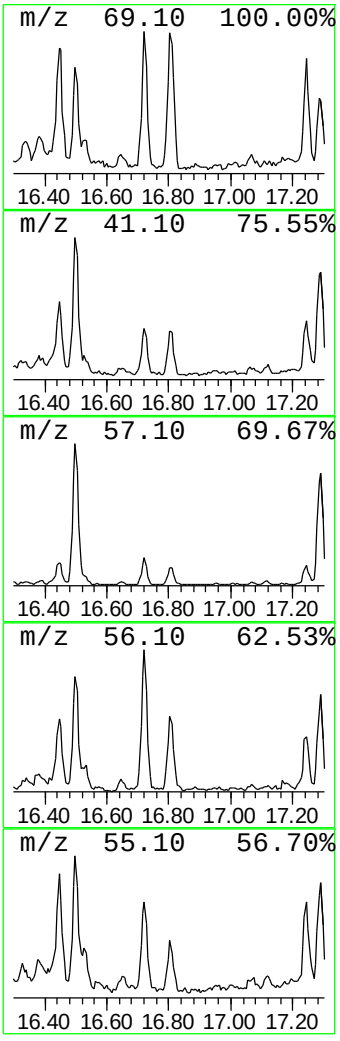
Peak Number 59 (DEL) Alkane: Cyclic16.80 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.80	10.56 ng/ul	536451	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Heptene, 2,6-dimethyl-	126	C9H18	002738-18-3	64
2	1.alpha.,2.beta.,3.alpha.,4.beta...	126	C9H18	002532-67-4	64
3	2-Undecene, 4-methyl-	168	C12H24	091695-32-8	64
4	Cyclopropane, 1,2-dimethyl-1-pen...	140	C10H20	062238-04-4	58
5	Cyclohexane, 1,1,2-trimethyl-	126	C9H18	007094-26-0	52





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Quant Title : SVOA CALIBRATION

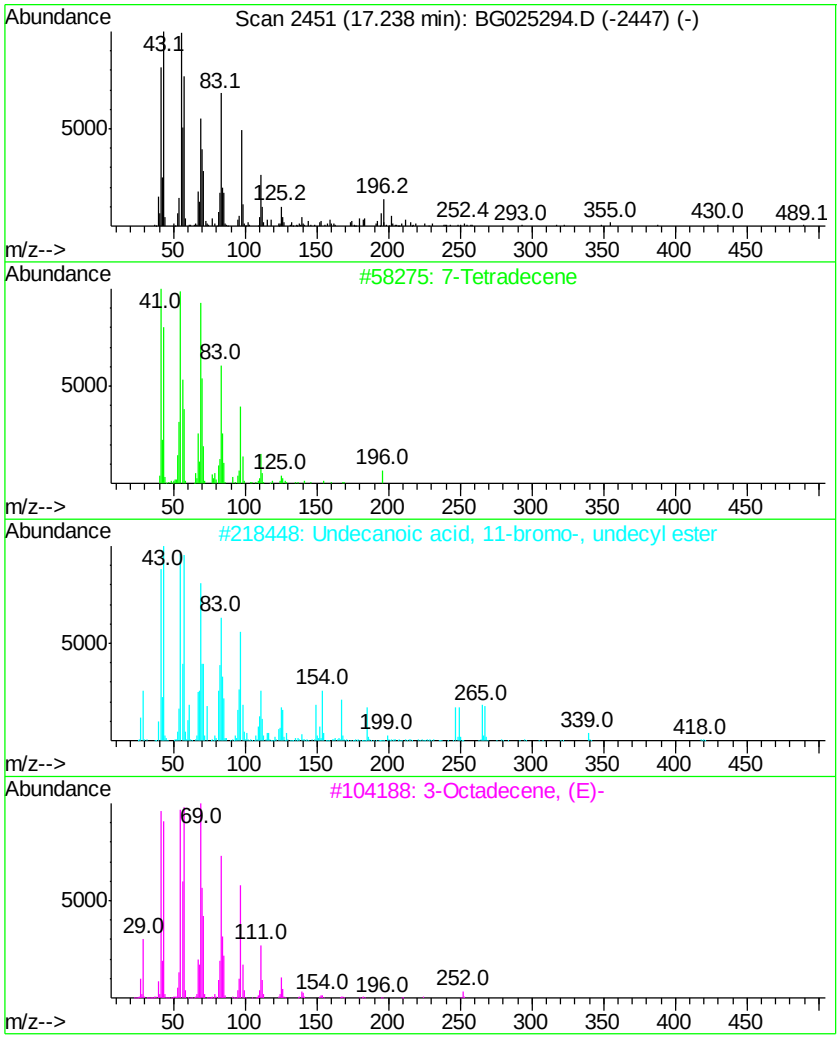
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

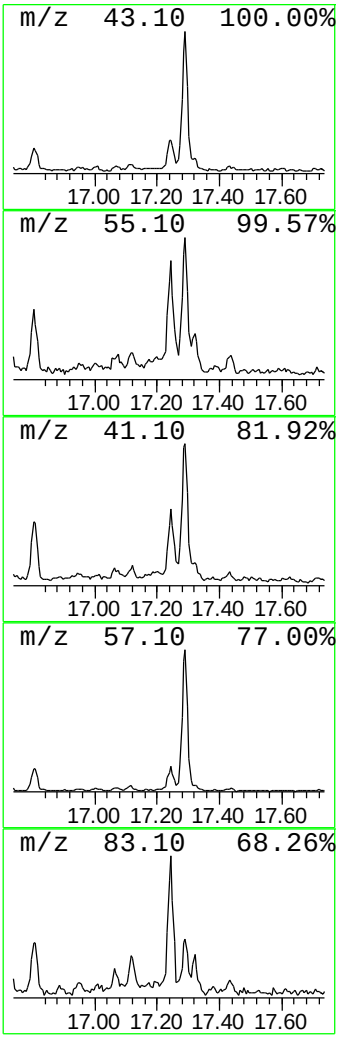
****

Peak Number 61 (DEL) Alkane: Cyclic17.24 Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.24	9.72 ng/ul	493600	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Tetradecene	196	C14H28	010374-74-0	90
2	Undecanoic acid, 11-bromo-, unde...	418	C22H43BrO2	1000156-09-6	87
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	87
4	Z-8-Hexadecene	224	C16H32	1000130-87-5	83
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

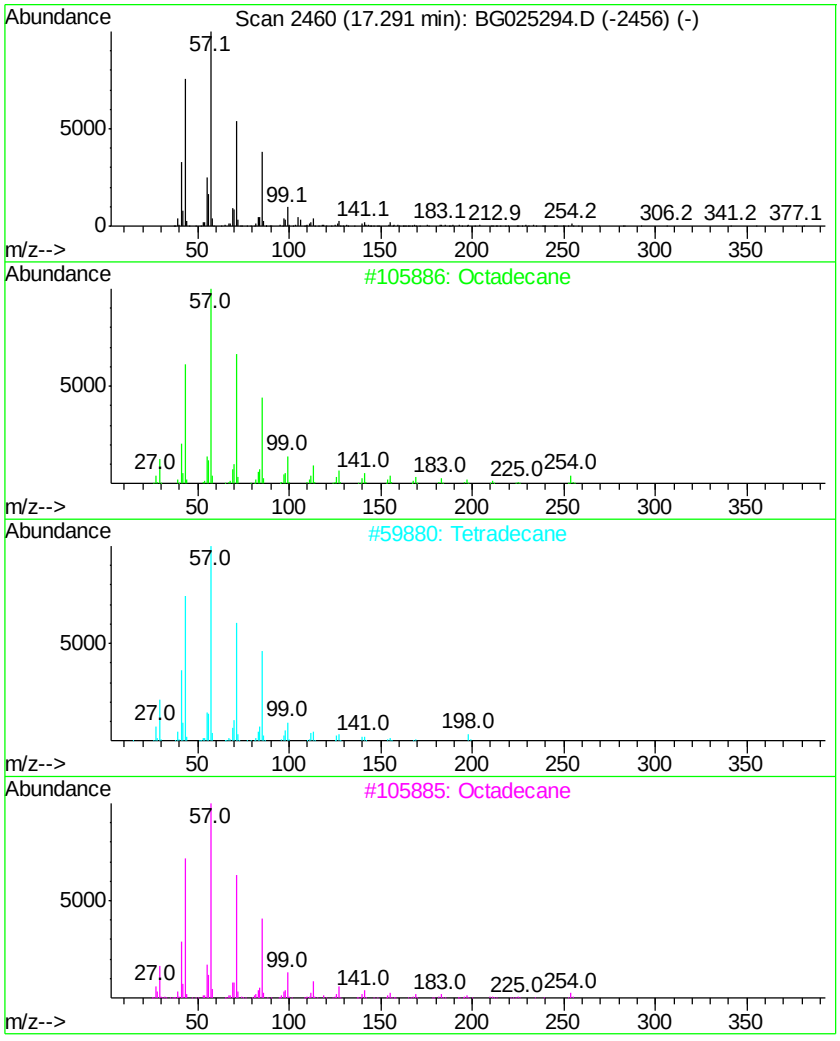
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

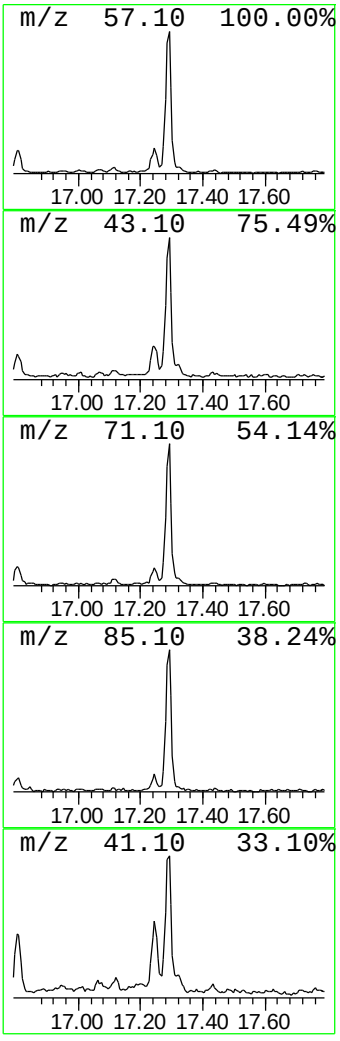
****

Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.29	27.55 ng/ul	1399370	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	94
2	Tetradecane	198	C14H30	000629-59-4	93
3	Octadecane	254	C18H38	000593-45-3	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Tridecane	184	C13H28	000629-50-5	86





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Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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

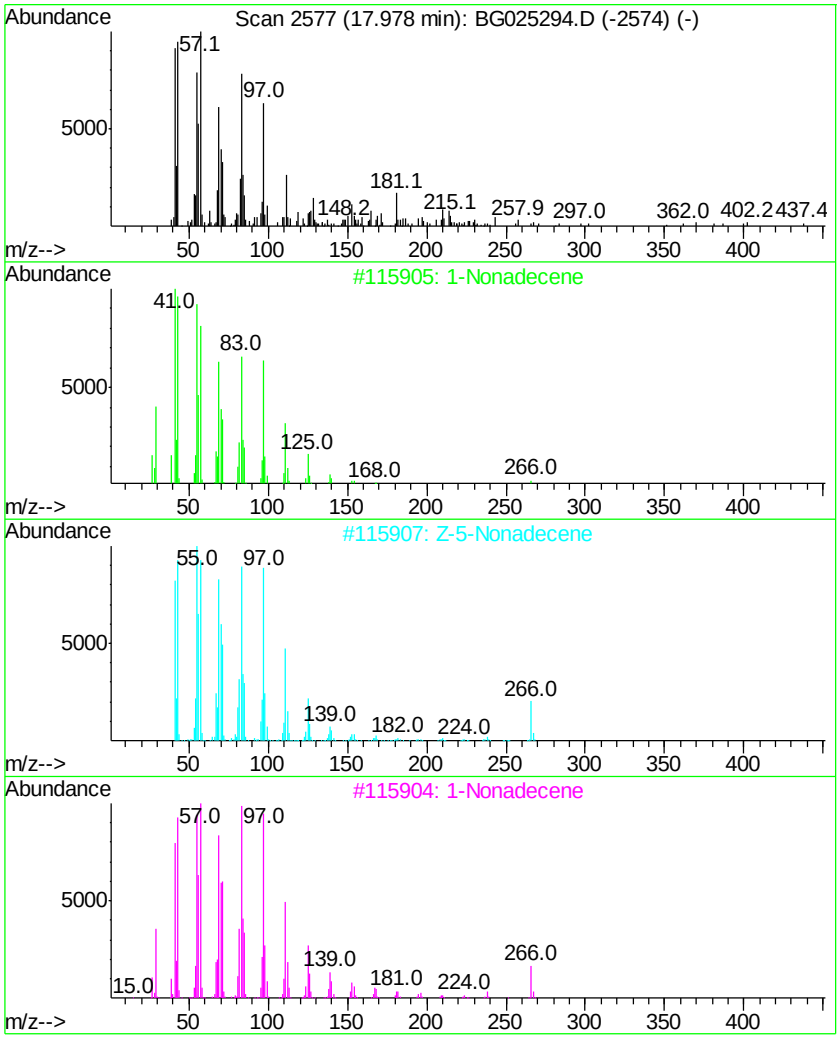
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

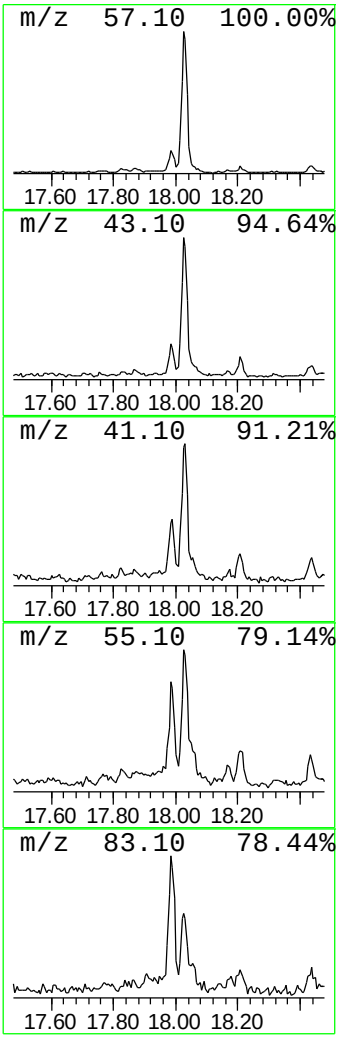
****

Peak Number 63 (DEL) Alkane: Cyclic17.98 Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.98	7.18 ng/ul	364574	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	95
2	Z-5-Nonadecene	266	C19H38	1000131-11-8	95
3	1-Nonadecene	266	C19H38	018435-45-5	94
4	1-Pentadecene	210	C15H30	013360-61-7	93
5	1-Hexadecanethiol	258	C16H34S	002917-26-2	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

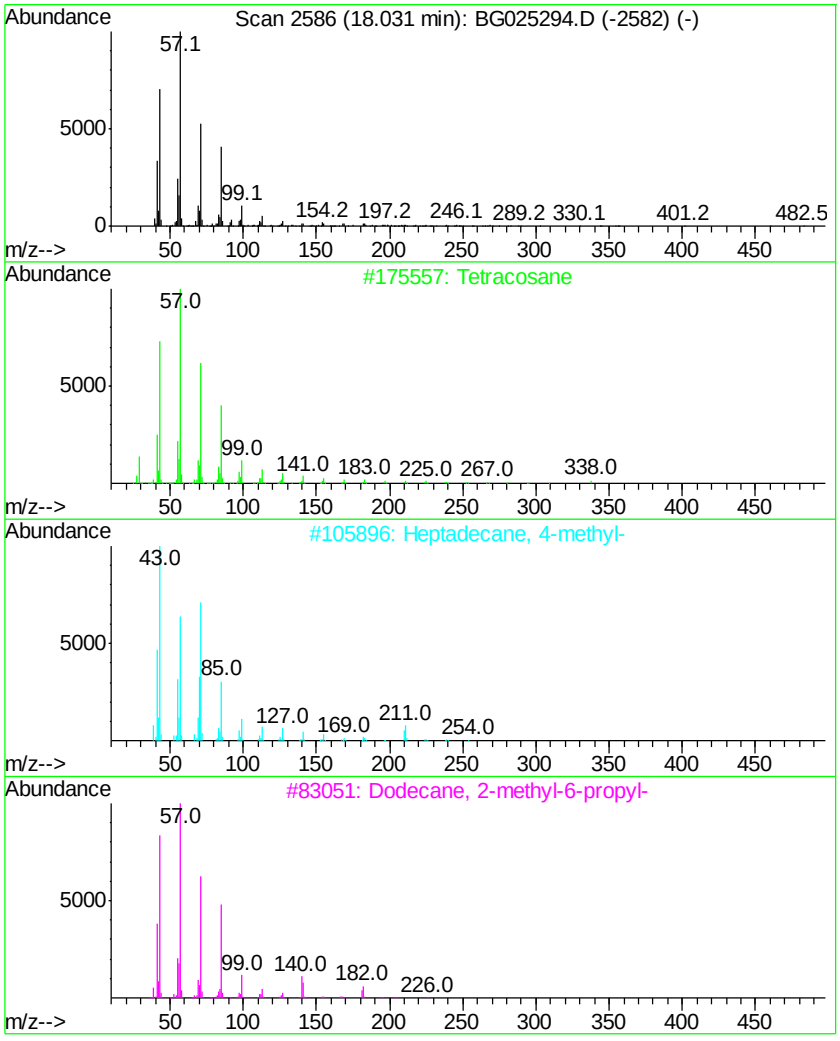
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

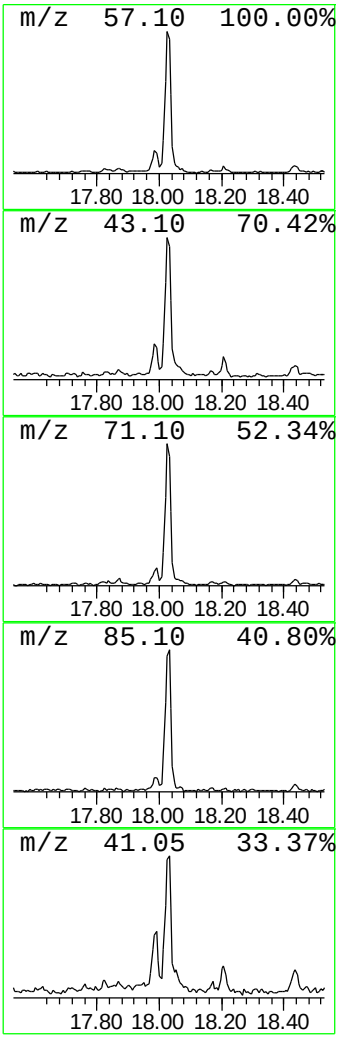
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	23.84 ng/ul	1210720	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptadecane, 4-methyl-	254	C18H38	026429-11-8	87
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
5	Hexadecane	226	C16H34	000544-76-3	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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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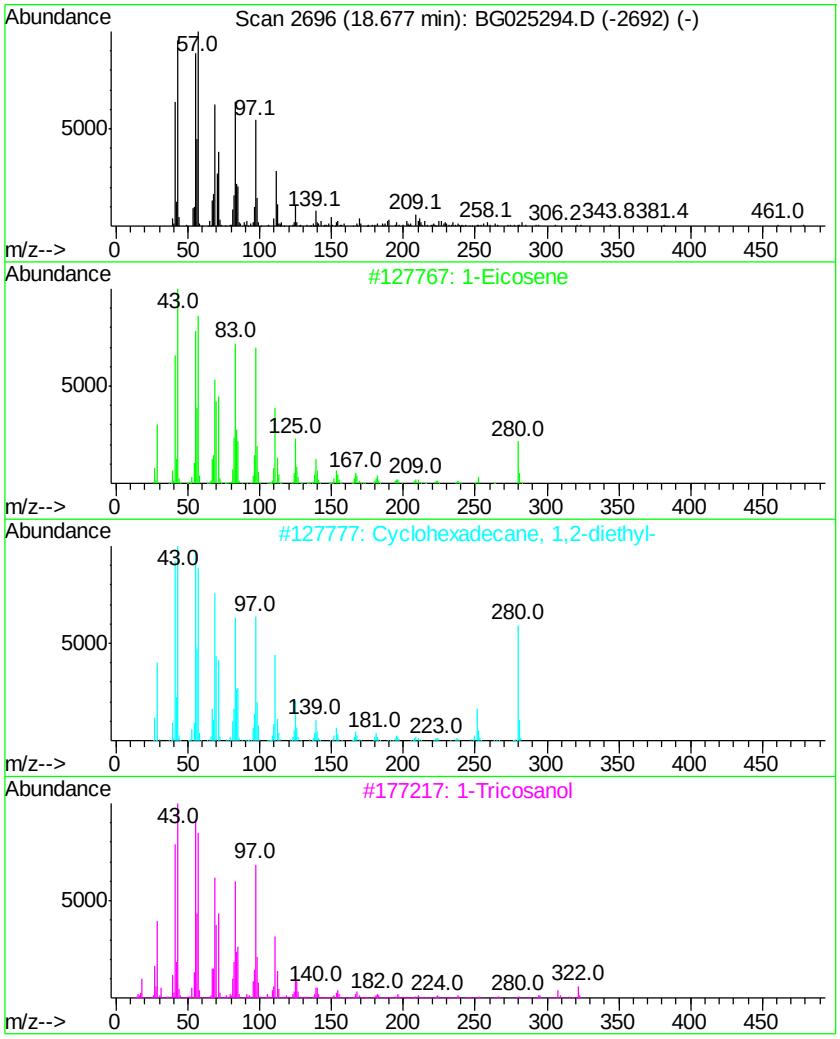
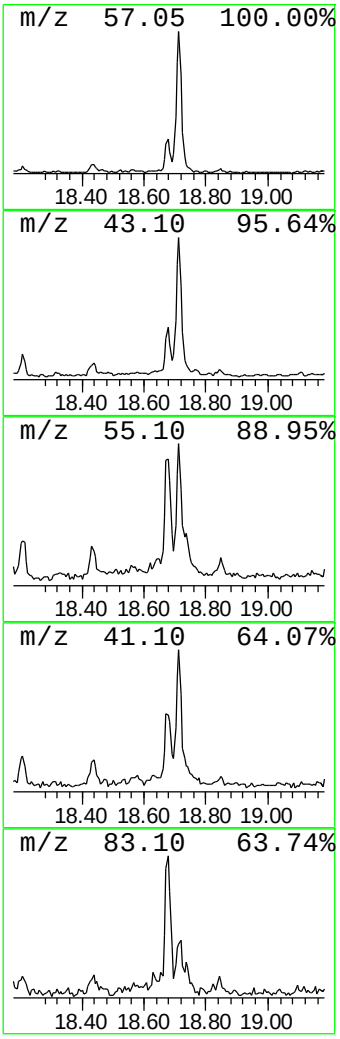
Peak Number 65 (DEL) Alkane: Cyclic18.68 Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	7.56 ng/ul	384173	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Eicosene	280	C20H40	003452-07-1	96
2	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3	1-Tricosanol	340	C23H48O	003133-01-5	91
4	1-Heneicosanol	312	C21H44O	015594-90-8	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

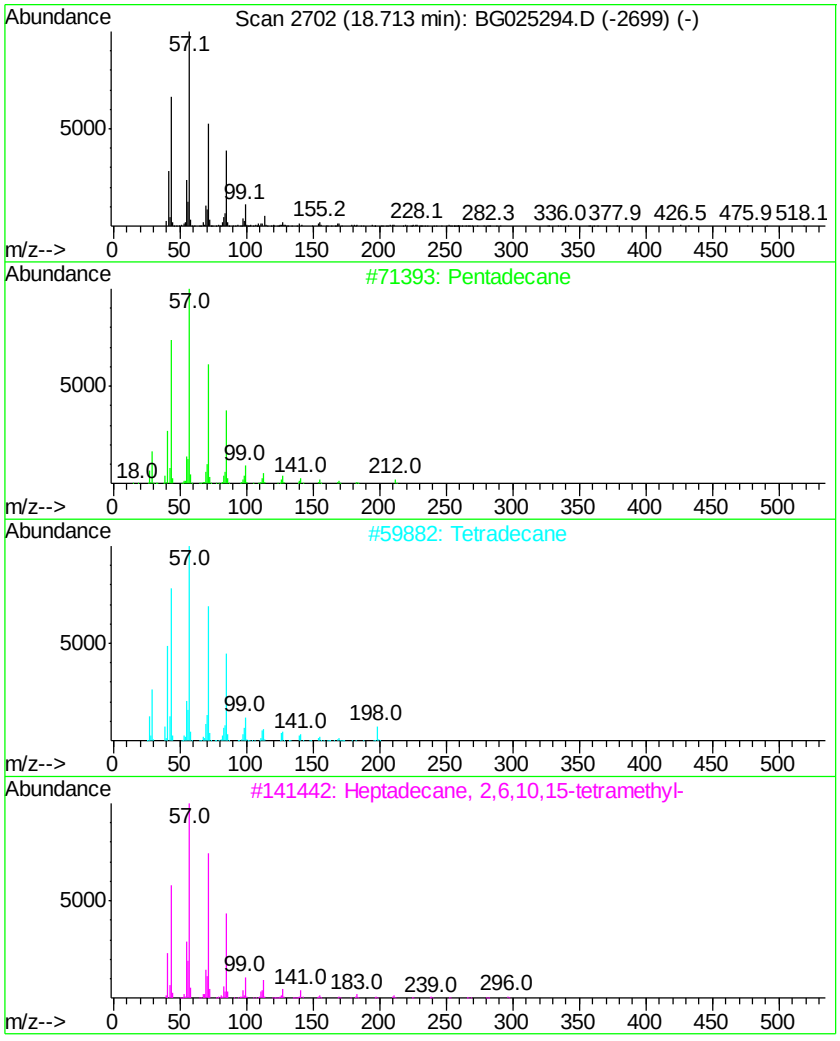
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

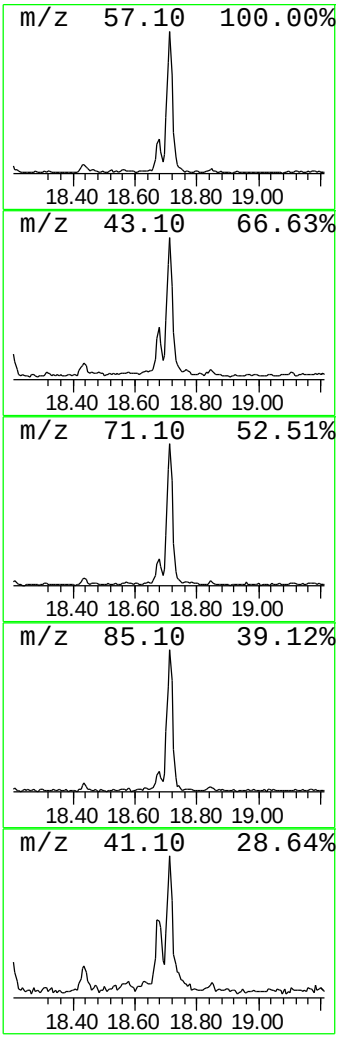
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 66 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.71	18.46 ng/ul	937777	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	80
2	Tetradecane	198	C14H30	000629-59-4	78
3	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
4	Tetradecane	198	C14H30	000629-59-4	72
5	Tridecane	184	C13H28	000629-50-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

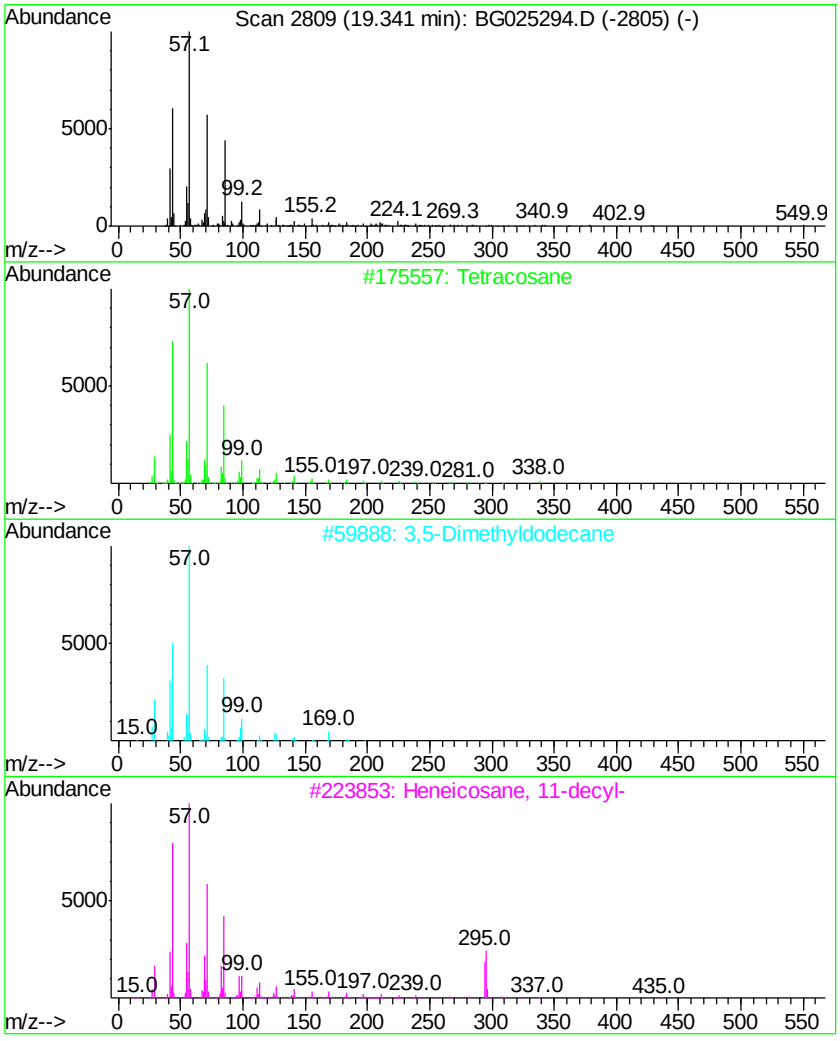
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

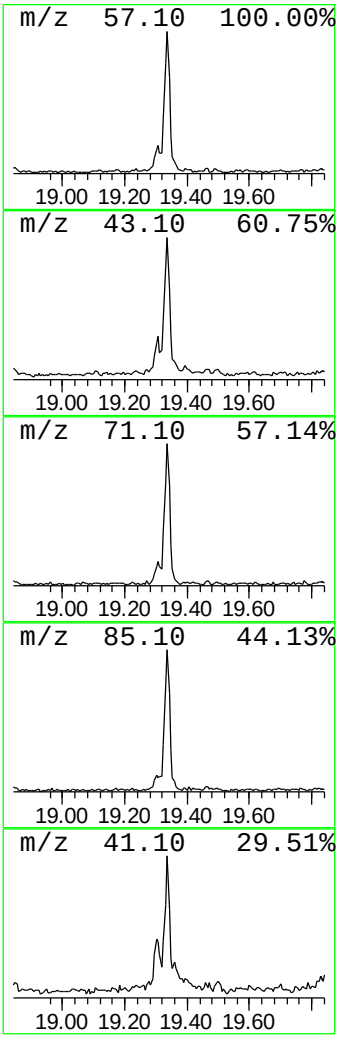
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 67 (DEL) Alkane: Straight-Chai... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.34	13.27 ng/ul	674110	Phenanthrene-d10	17.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	87
2	3,5-Dimethyldodecane	198	C14H30	107770-99-0	87
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	86
4	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	80





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

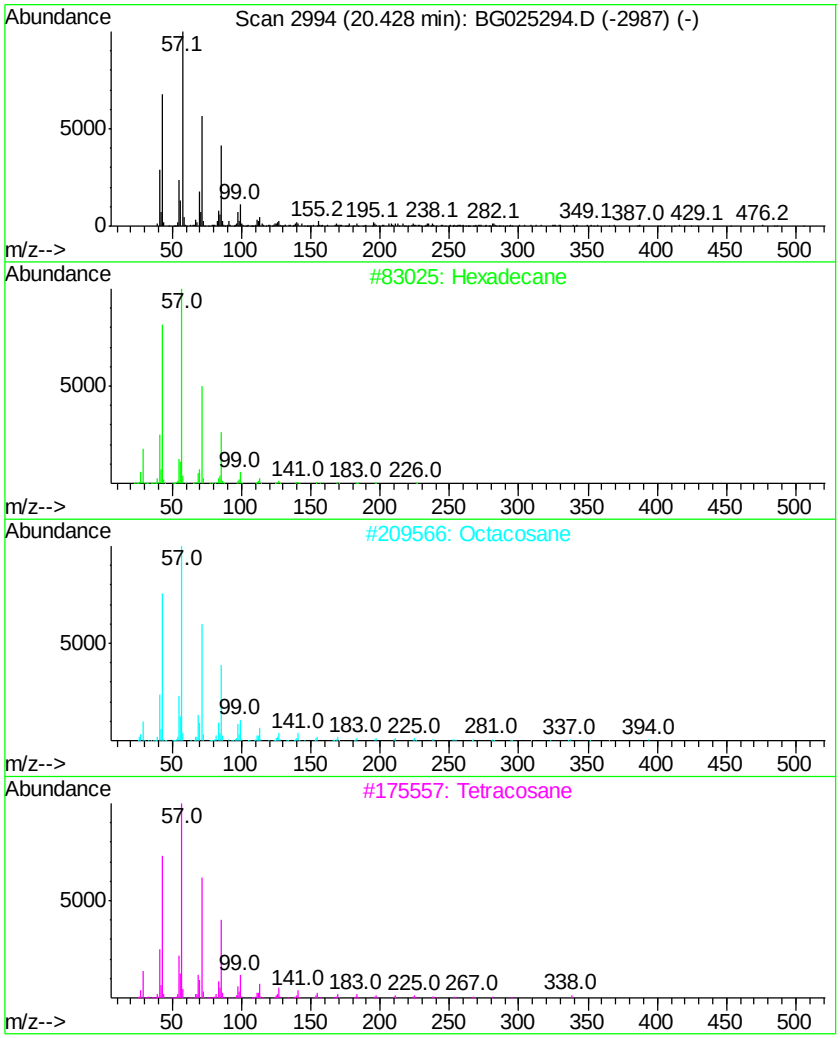
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

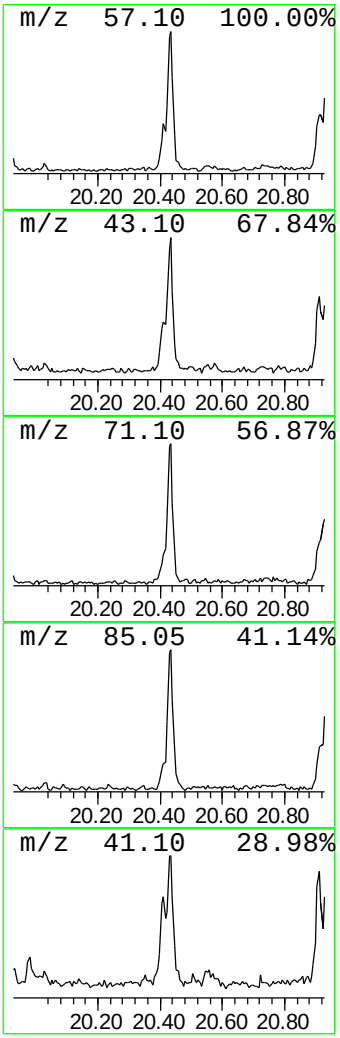
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 70 (DEL) Alkane: Straight-Chai... Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	9.80 ng/ul	735410	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	92
2	Octacosane	394	C28H58	000630-02-4	83
3	Tetracosane	338	C24H50	000646-31-1	80
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5	Eicosane, 10-methyl-	296	C21H44	054833-23-7	72





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG121716\
Data File : BG025294.D
Acq On : 18 Dec 2016 4:01
Operator : UM/SJ
Sample : H5938-10DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA830DL

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	14.6	ng/ul	360369	1	8.23	495515	20.0
Benzene, 1-ethyl-...	7.60	18.6	ng/ul	459931	1	8.23	495515	20.0
Benzene, 1,2,3-tr...	7.86	26.1	ng/ul	647018	1	8.23	495515	20.0
Benzene, 1,2-prop...	8.77	11.1	ng/ul	274073	1	8.23	495515	20.0
unknown-01	8.86	17.3	ng/ul	428834	1	8.23	495515	20.0
p-Cymene	9.22	18.6	ng/ul	461759	1	8.23	495515	20.0
(DEL) Alkane: Cyc...	9.29	10.2	ng/ul	252403	1	8.23	495515	20.0
Benzofuran, 2-met...	9.59	13.1	ng/ul	323919	1	8.23	495515	20.0
Benzofuran, 7-met...	9.71	31.4	ng/ul	628517	2	11.06	399804	20.0
Phenol, 3-ethyl-	10.49	83.9	ng/ul	1677810	2	11.06	399804	20.0
unknown-02	10.87	32.2	ng/ul	644468	2	11.06	399804	20.0
(DEL) Alkane: Str...	10.97	22.2	ng/ul	443272	2	11.06	399804	20.0
Phenol, 2,4,6-tri...	11.20	20.0	ng/ul	400438	2	11.06	399804	20.0
1-Naphthalenol, 5...	11.29	78.9	ng/ul	1576540	2	11.06	399804	20.0
2-Propenal, 2-met...	11.42	52.0	ng/ul	1039110	2	11.06	399804	20.0
1H-Benzimidazole,...	11.46	104.3	ng/ul	2084500	2	11.06	399804	20.0
2-Propenal, 3-(4-...	11.53	23.8	ng/ul	475446	2	11.06	399804	20.0
Phenol, 4-ethyl-3...	11.59	20.1	ng/ul	402305	2	11.06	399804	20.0
Phenol, 2,3,6-tri...	11.64	15.7	ng/ul	314660	2	11.06	399804	20.0
3-Buten-2-one, 4-...	11.81	12.6	ng/ul	251738	2	11.06	399804	20.0
Phenol, 3-propyl-	11.87	114.0	ng/ul	2278750	2	11.06	399804	20.0
Phenol, 3-(1-meth...	12.07	37.0	ng/ul	740194	2	11.06	399804	20.0
1H-Indene, 1,1-di...	12.13	18.4	ng/ul	367084	2	11.06	399804	20.0
1H-Indene, 2,3-di...	12.25	36.4	ng/ul	726865	2	11.06	399804	20.0
(DEL) Alkane: Cyc...	12.31	12.7	ng/ul	253659	2	11.06	399804	20.0
(DEL) Alkane: Str...	12.41	56.6	ng/ul	1132000	2	11.06	399804	20.0
Naphthalene, 1-me...	12.92	62.8	ng/ul	1255330	2	11.06	399804	20.0
(DEL) Alkane: Cyc...	13.55	19.3	ng/ul	840173	3	14.86	872220	20.0
(DEL) Alkane: Str...	13.63	20.7	ng/ul	902247	3	14.86	872220	20.0
(DEL) Alkane: Cyc...	14.62	10.5	ng/ul	459217	3	14.86	872220	20.0
(DEL) Alkane: Str...	14.69	25.1	ng/ul	1096160	3	14.86	872220	20.0
(DEL) Alkane: Cyc...	15.58	12.2	ng/ul	533941	3	14.86	872220	20.0
(DEL) Alkane: Str...	15.64	36.8	ng/ul	1605650	3	14.86	872220	20.0
(DEL) Alkane: Cyc...	16.44	16.0	ng/ul	813688	4	17.60	1015880	20.0
(DEL) Alkane: Str...	16.50	28.3	ng/ul	1439330	4	17.60	1015880	20.0
(DEL) Alkane: Cyc...	16.72	11.7	ng/ul	595187	4	17.60	1015880	20.0
(DEL) Alkane: Cyc...	16.80	10.6	ng/ul	536451	4	17.60	1015880	20.0
(DEL) Alkane: Cyc...	17.24	9.7	ng/ul	493600	4	17.60	1015880	20.0
(DEL) Alkane: Str...	17.29	27.6	ng/ul	1399370	4	17.60	1015880	20.0
(DEL) Alkane: Cyc...	17.98	7.2	ng/ul	364574	4	17.60	1015880	20.0
(DEL) Alkane: Str...	18.03	23.8	ng/ul	1210720	4	17.60	1015880	20.0
(DEL) Alkane: Cyc...	18.68	7.6	ng/ul	384173	4	17.60	1015880	20.0
(DEL) Alkane: Str...	18.71	18.5	ng/ul	937777	4	17.60	1015880	20.0
(DEL) Alkane: Str...	19.34	13.3	ng/ul	674110	4	17.60	1015880	20.0
(DEL) Alkane: Str...	20.43	9.8	ng/ul	735410	5	21.90	1500180	20.0