LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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\SOM-EPA-BG080217.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	7.507	660	667	688	rVB3	204019	533825	28.27%	1.444%
2	7.672	688	695	701	rBV	132848	222911	11.80%	0.603%
3	7.889	723	732	739	rVV2	178564	345335	18.29%	0.934%
4	8.359	797	812	826	rBV	189592	383503	20.31%	1.037%
5	8.629	853	858	869	rVB3	50924	120387	6.37%	0.326%
6	8.794	879	886	892	rVB	117877	209667	11.10%	0.567%
7	8.993	911	920	924	rBV6	45699	114880	6.08%	0.311%
8	9.052	924	930	936	rVV	227229	409424	21.68%	1.107%
9	9.123	936	942	950	rVB	558264	1002001	53.06%	2.710%
10	9.452	989	998	1004	rBV10	48702	143129	7.58%	0.387%
11	9.522	1004	1010	1021	rVB2	186605	435174	23.04%	1.177%
12	9.775	1048	1053	1058	rVV4	67759	140424	7.44%	0.380%
13	9.834	1058	1063	1069	rVV4	60629	138017	7.31%	0.373%
14	9.898	1069	1074	1084	rVV2	120786	229832	12.17%	0.622%
15	10.122	1105	1112	1120	rVB3	62033	124434	6.59%	0.337%
16	10.251	1121	1134	1141	rBV2	179076	367558	19.46%	0.994%
17	10.327	1141	1147	1150	rBV3	176043	325316	17.23%	0.880%
18	10.357	1150	1152	1158	rVV	165439	240994	12.76%	0.652%
19	10.597	1181	1193	1197	rBV	589566	1311552	69.45%	3.547%
20	10.633	1197	1199	1212	rVB	359300	565534	29.94%	1.530%
21	10.797	1220	1227	1233	rBV	318630	588866	31.18%	1.593%
22	11.026	1261	1266	1276	rVV	110791	236267	12.51%	0.639%
23	11.179	1284	1292	1297	rVV	285242	523724	27.73%	1.416%
24	11.226	1297	1300	1306	rVB	84073	142656	7.55%	0.386%
25	11.308	1306	1314	1325	rBV4	100355	251737	13.33%	0.681%
26	11.414	1326	1332	1344	rVV3	73555	254228	13.46%	0.688%
27	11.526	1344	1351	1356	rVV5	83584	217420	11.51%	0.588%
28	11.579	1356	1360	1368	rVV2	148113	342704	18.15%	0.927%
29	11.696	1375	1380	1385	rVV2	110610	201845	10.69%	0.546%
30	11.767	1385	1392	1398	rVV4	67564	169966	9.00%	0.460%
31	11.978	1421	1428	1440	rVB2	1063769	1888586	100.00%	5.108%
32	12.172	1455	1461	1465	rBV	79385	141090	7.47%	0.382%
33	12.225	1465	1470	1474	rBV	111761	176972	9.37%	0.479%
34	12.536	1517	1523	1529	rBV3	145276	249273	13.20%	0.674%

LSC Area Percent Report

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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

35	12.689	1545	1549	1564	rVB9	45568	150287	7.96%	0.406%
36	12.813	1564	1570	1573	rBV2	143032	269172	14.25%	0.728%
37	12.848	1574	1576	1585	rVV6	70503	142242	7.53%	0.385%
38	13.024	1601	1606	1616	rVB4	96463	212053	11.23%	0.574%
39	13.112	1616	1621	1624	rBV3	77922	136596	7.23%	0.369%
40	13.153	1624	1628	1633	rBV	146788	207272	10.97%	0.561%
41	13.224	1637	1640	1650	rVB5	96905	223168	11.82%	0.604%
42	13.312	1650	1655	1661	rBV3	83626	175892	9.31%	0.476%
43	13.441	1673	1677	1685	rVB5	66494	152021	8.05%	0.411%
44	13.676	1712	1717	1725	rVV5	103154	268445	14.21%	0.726%
45	13.753	1725	1730	1735	rVB2	127981	215209	11.40%	0.582%
46	13.935	1755	1761	1767	rVB6	80727	165173	8.75%	0.447%
47	14.023	1767	1776	1781	rBV10	45236	152392	8.07%	0.412%
48	14.099	1783	1789	1792	rBV2	101380	212184	11.24%	0.574%
49	14.140	1792	1796	1803	rVB8	103590	217396	11.51%	0.588%
50	14.234	1807	1812	1816	rBV3	108930	162770	8.62%	0.440%
51	14.299	1816	1823	1826	rVV5	145917	353368	18.71%	0.956%
52	14.352	1826	1832	1837	rVV	498204	883493	46.78%	2.389%
53	14.399	1837	1840	1844	rVV	109665	161997	8.58%	0.438%
54	14.452	1844	1849	1856	rVB4	153363	278053	14.72%	0.752%
55	14.528	1856	1862	1867	rBV5	62332	145113	7.68%	0.392%
56	14.663	1878	1885	1895	rBV	497272	859470	45.51%	2.325%
57	14.816	1908	1911	1916	rVB3	178453	237493	12.58%	0.642%
58	14.963	1926	1936	1943	rBV3	497392	960969	50.88%	2.599%
59	15.028	1943	1947	1952	rVB2	94048	153485	8.13%	0.415%
60	15.092	1952	1958	1963	rBV2	130392	265001	14.03%	0.717%
61	15.163	1963	1970	1980	rVB4	182496	513446	27.19%	1.389%
62	15.245	1980	1984	1990	rBV2	94440	199949	10.59%	0.541%
63	15.374	2003	2006	2011	rVB2	106698	168122	8.90%	0.455%
64	15.580	2032	2041	2044	rBV9	47656	126874	6.72%	0.343%
65	15.727	2057	2066	2069	rBV6	70941	183728	9.73%	0.497%
66	15.768	2069	2073	2081	rVB2	115334	188475	9.98%	0.510%
67	15.880	2087	2092	2097	rBV	159491	249320	13.20%	0.674%
68	15.956	2098	2105	2110	rBV	623680	933918	49.45%	2.526%
69	16.068	2118	2124	2133	rVB2	234102	389476	20.62%	1.053%
70	16.385	2173	2178	2182	rBV3	94918	176661	9.35%	0.478%
71	16.573	2202	2210	2214	rBV10	62371	154816	8.20%	0.419%

LSC Area Percent Report

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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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\SOM-EPA-BG080217.M
Title : SVOA CALIBRATION

72	16.626	2214	2219	2230	rVB3	221506	398160	21.08%	1.077%
73	16.784	2241	2246	2253	rBV8	62575	132122	7.00%	0.357%
74	17.002	2276	2283	2288	rBV5	145450	283018	14.99%	0.765%
75	17.419	2351	2354	2361	rBV2	178947	289109	15.31%	0.782%
76	17.554	2372	2377	2386	rVB3	69152	116404	6.16%	0.315%
77	17.713	2397	2404	2409	rBV2	540310	918066	48.61%	2.483%
78	17.813	2415	2421	2430	rVV	681996	1147710	60.77%	3.104%
79	18.159	2476	2480	2491	rVB	159857	264022	13.98%	0.714%
80	18.565	2543	2549	2557	rBV3	361731	592547	31.38%	1.603%
81	18.847	2593	2597	2603	rVB	166552	208423	11.04%	0.564%
82	19.281	2667	2671	2683	rBV	38177	114422	6.06%	0.309%
83	19.434	2692	2697	2699	rBV3	102678	128874	6.82%	0.349%
84	19.464	2699	2702	2709	rVB	217688	311354	16.49%	0.842%
85	19.728	2735	2747	2756	rBV8	92913	417882	22.13%	1.130%
86	19.822	2758	2763	2772	rVB2	178870	299053	15.83%	0.809%
87	19.916	2775	2779	2785	rBV	116251	194381	10.29%	0.526%
88	20.010	2792	2795	2797	rBV2	241951	260872	13.81%	0.706%
89	20.039	2798	2800	2803	rVV	213478	213734	11.32%	0.578%
90	20.086	2803	2808	2818	rVB	869061	1326448	70.23%	3.587%
91	20.562	2882	2889	2899	rBV2	158067	308169	16.32%	0.833%
92	21.056	2968	2973	2986	rVB2	247188	571344	30.25%	1.545%
93	21.614	3063	3068	3079	rVB	169642	293606	15.55%	0.794%
94	22.049	3133	3142	3149	rBV	595845	1070738	56.70%	2.896%
95	22.178	3158	3164	3173	rBV4	165429	442331	23.42%	1.196%
96	25.316	3688	3698	3711	rBV2	390072	1207886	63.96%	3.267%
97	25.562	3731	3740	3753	rVB	315909	987760	52.30%	2.671%
98	26.203	3845	3849	3857	rVB9	55378	130625	6.92%	0.353%
99	26.873	3954	3963	3974	rVB9	112349	391597	20.73%	1.059%
100	27.525	4067	4074	4088	rVB9	158583	558943	29.60%	1.512%

Sum of corrected areas: 36974330

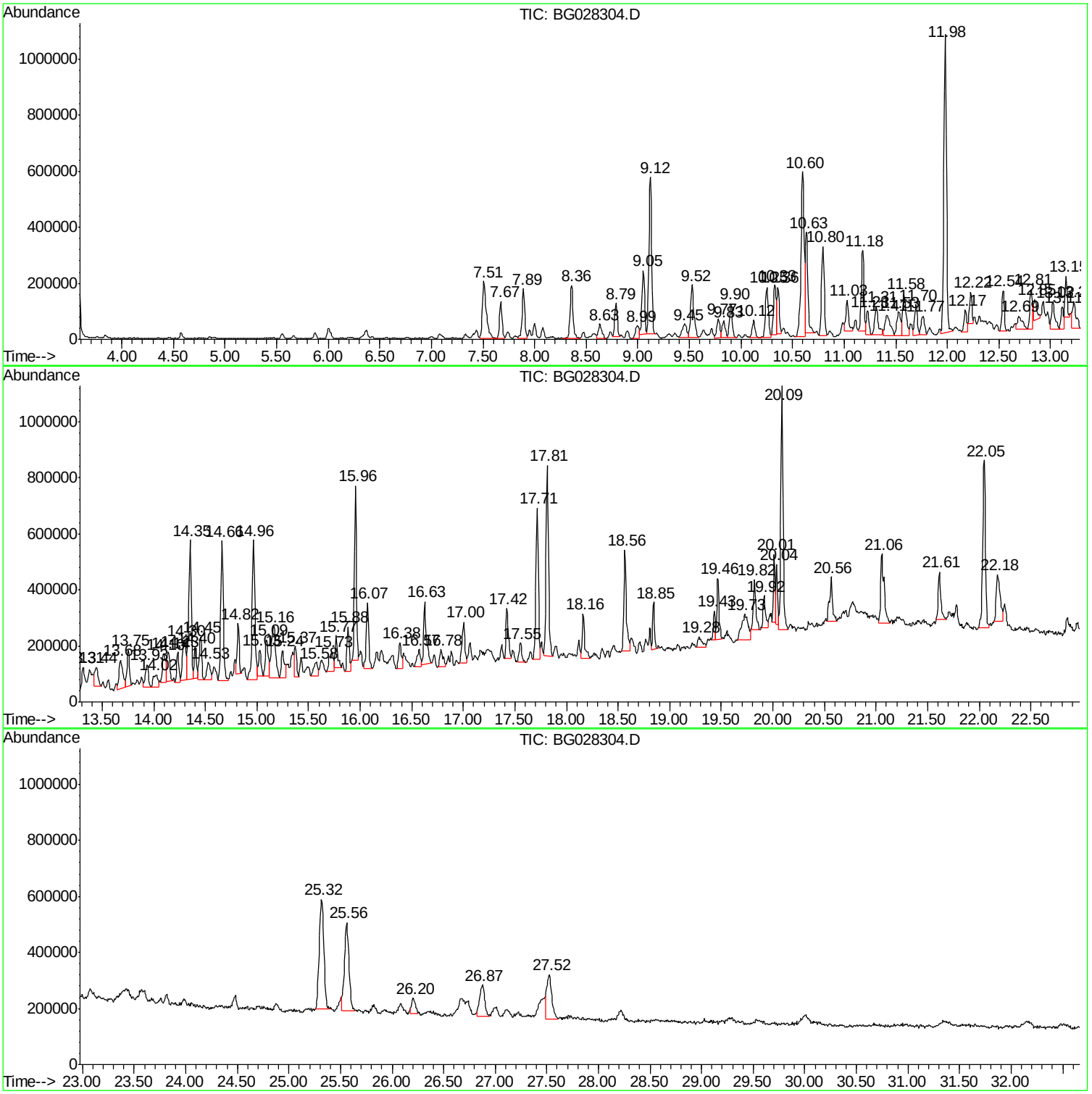
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
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Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

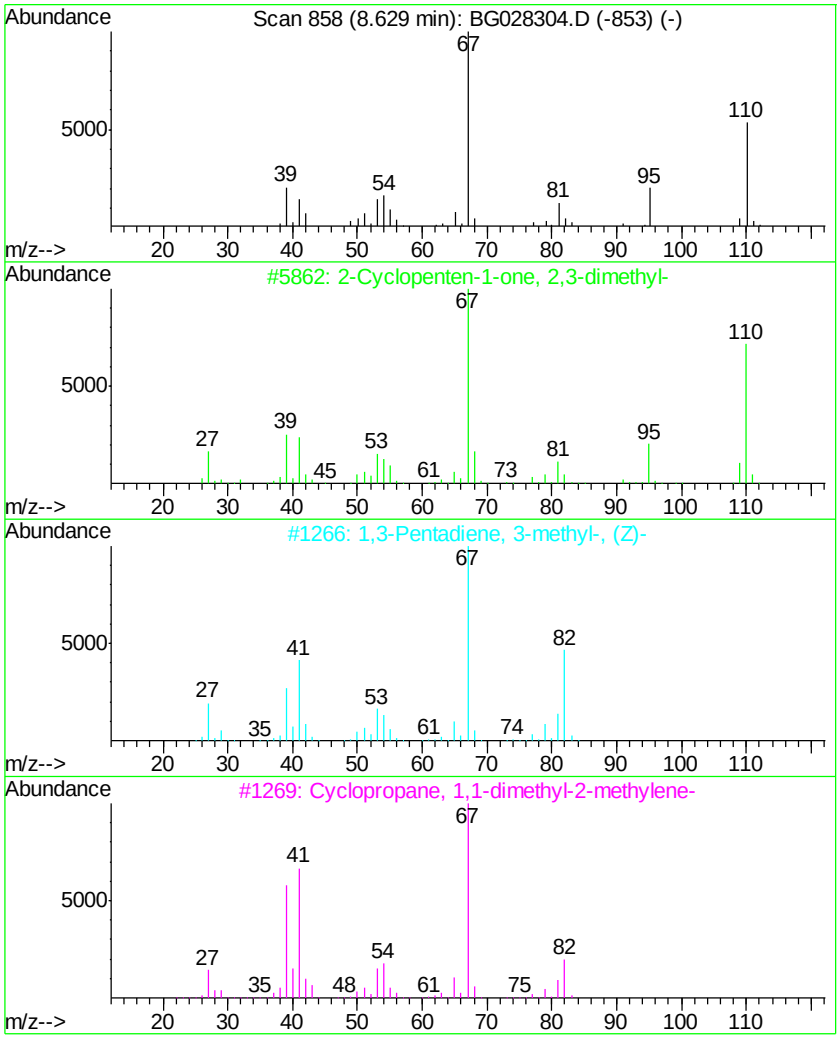
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

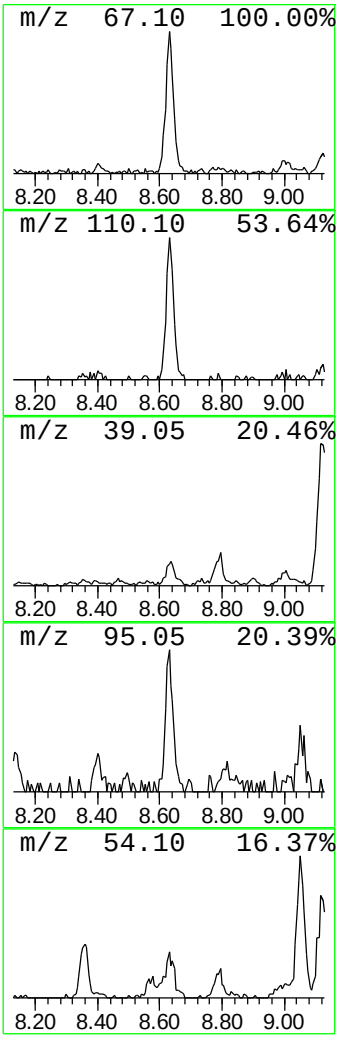
****

Peak Number 1 2-Cyclopenten-1-one, 2,3-di... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.63	6.28 ng/ul	120387	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Cyclopenten-1-one, 2,3-dimethyl-	110	C7H10O	001121-05-7	91
2	1,3-Pentadiene, 3-methyl-, (Z)-	82	C6H10	002787-45-3	47
3	Cyclopropane, 1,1-dimethyl-2-met...	82	C6H10	004372-94-5	47
4	1,3-Pentadiene, 3-methyl-, (E)-	82	C6H10	002787-43-1	47
5	1,4-Pentadiene, 3-methyl-	82	C6H10	001115-08-8	46





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

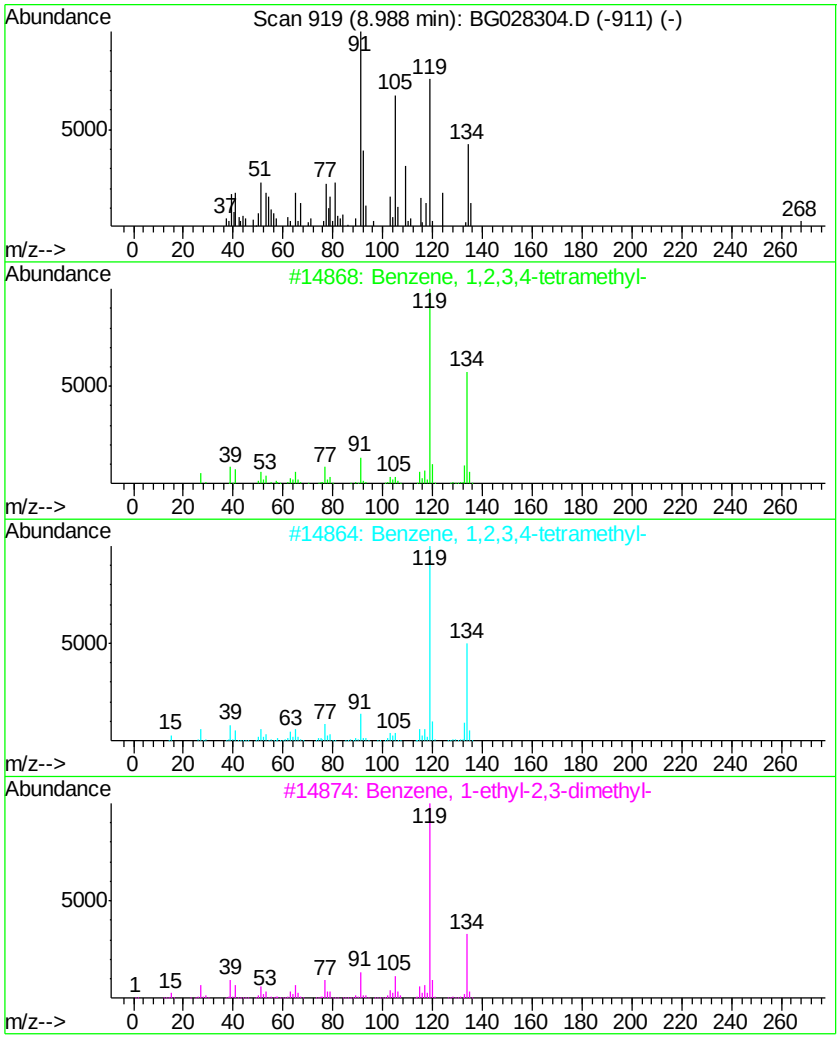
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

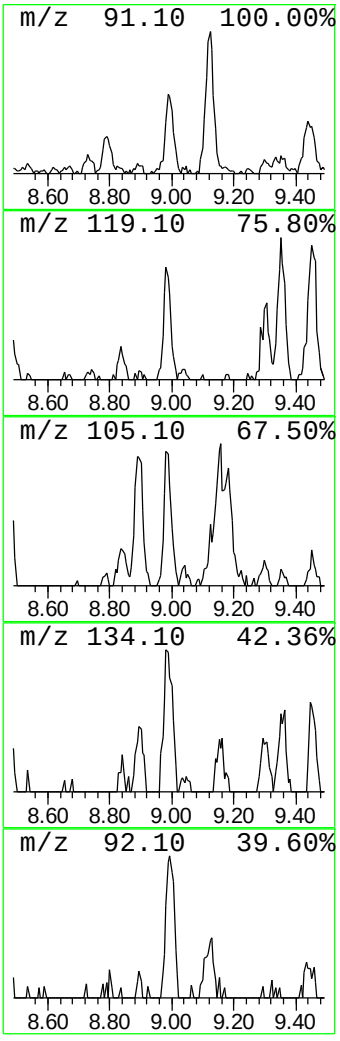
****

Peak Number 2 unknown01 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.99	5.99 ng/ul	114880	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
2	Benzene, 1,2,3,4-tetramethyl-	134	C10H14	000488-23-3	46
3	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	42
4	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	42
5	Benzene, 1,2,4,5-tetramethyl-	134	C10H14	000095-93-2	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

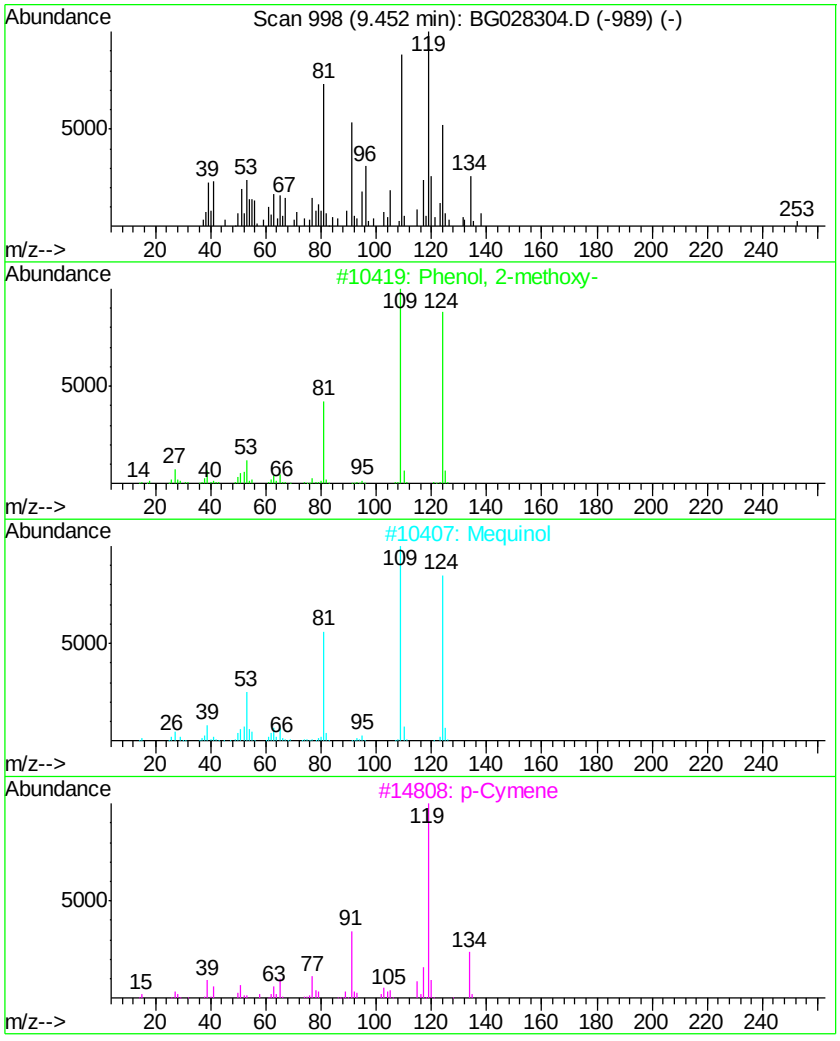
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

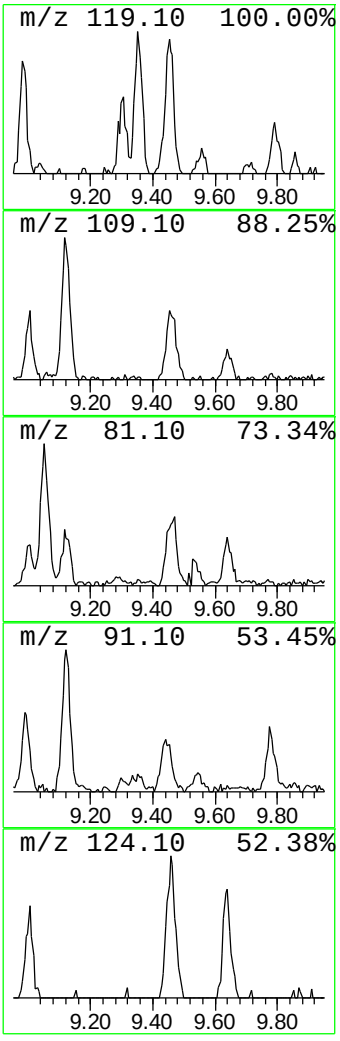
****

Peak Number 3 unknown02 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	7.46 ng/ul	143129	1,4-Dichlorobenzene-d4	8.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	45
2	Mequinol	124	C7H8O2	000150-76-5	43
3	p-Cymene	134	C10H14	000099-87-6	38
4	o-Cymene	134	C10H14	000527-84-4	38
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	20





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

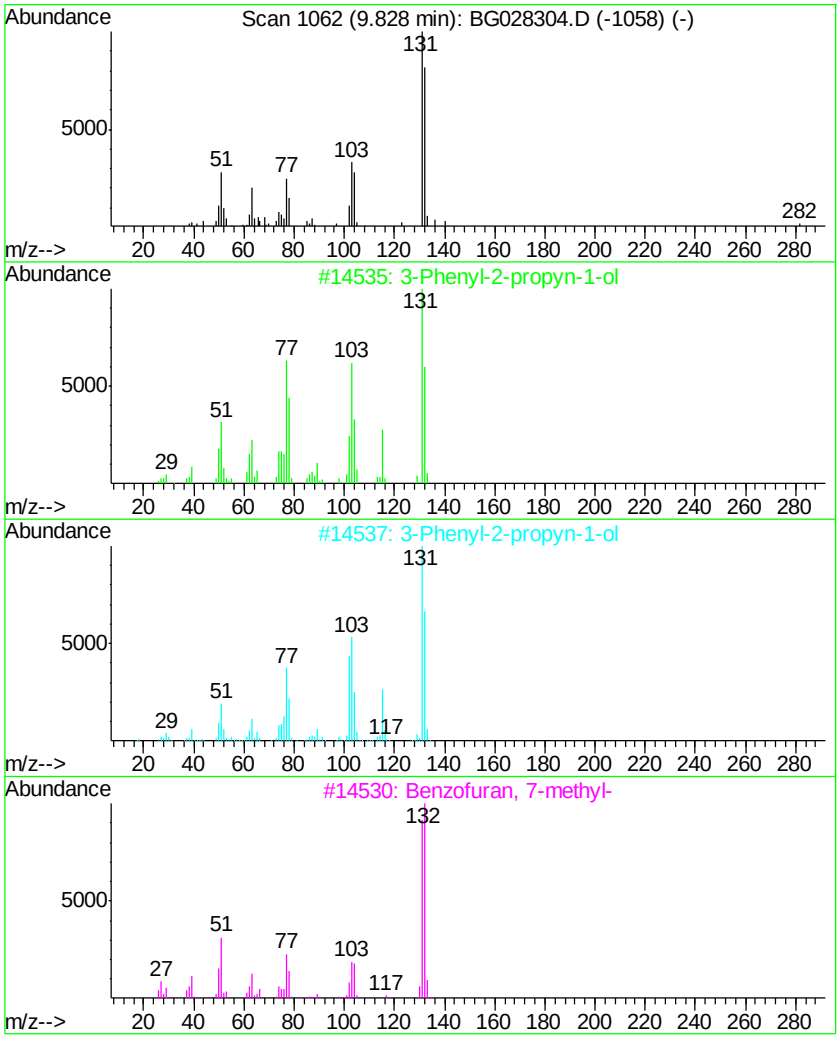
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

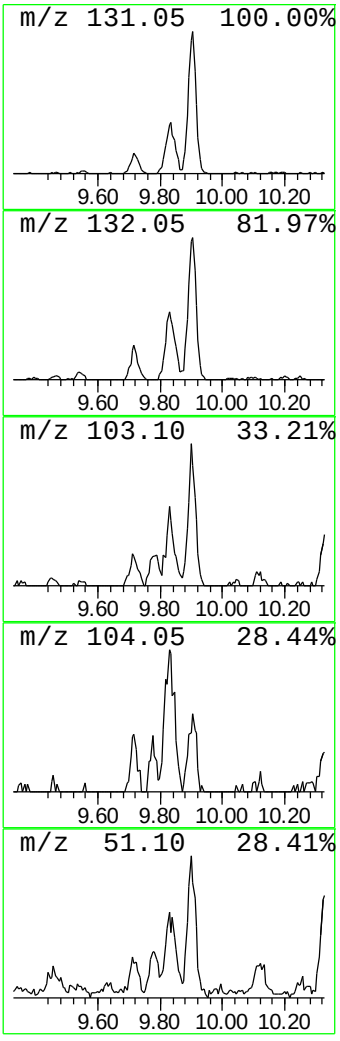
****

Peak Number 5 3-Phenyl-2-propyn-1-ol Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.83	5.27 ng/ul	138017	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	93
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	90
3	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	89
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
5	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

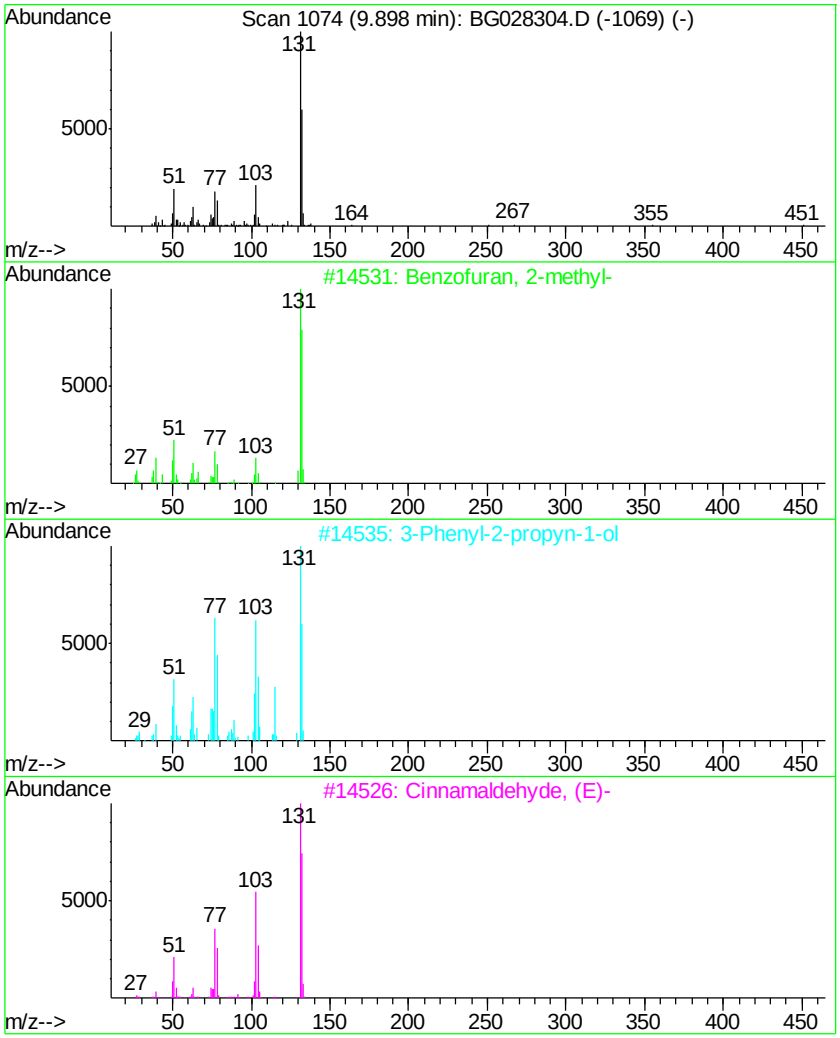
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

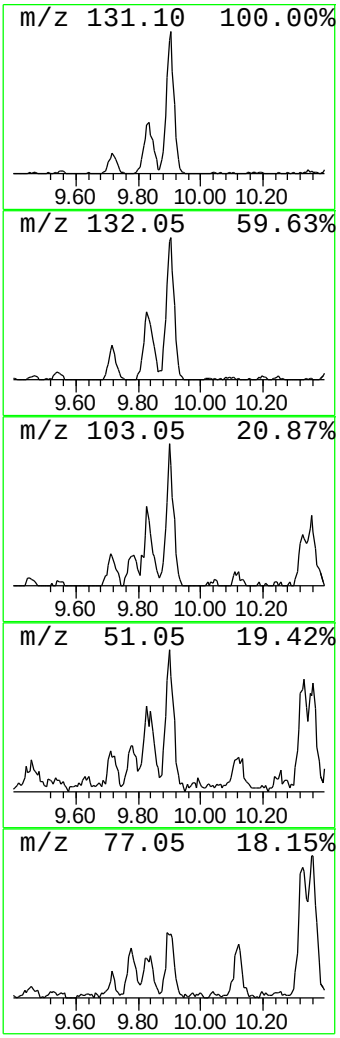
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.90	8.78 ng/ul	229832	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	3-Phenyl-2-propyn-1-ol	132	C9H8O	001504-58-1	91
3	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	91





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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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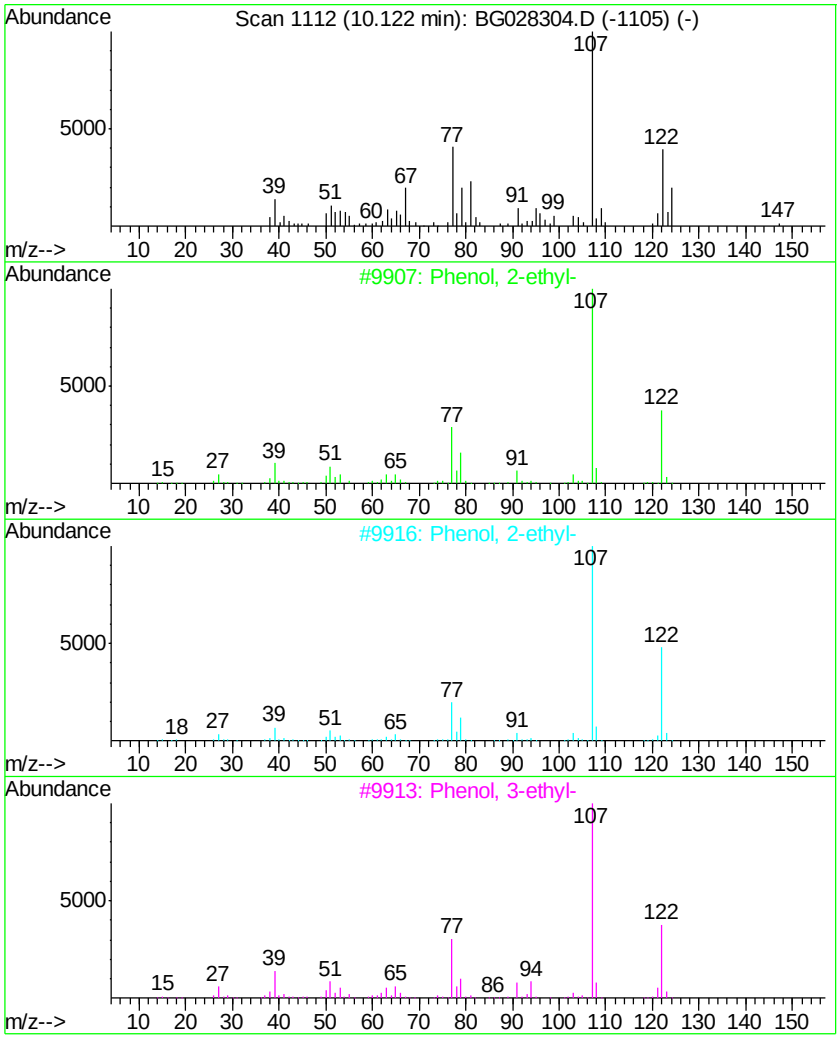
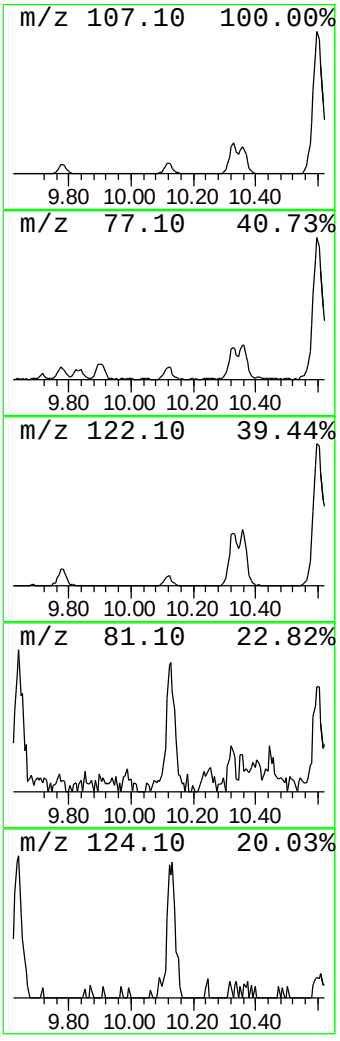
Peak Number 7 Phenol, 2-ethyl- Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.12	4.75 ng/ul	124434	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	76
2	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	64
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	62
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	59
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	58





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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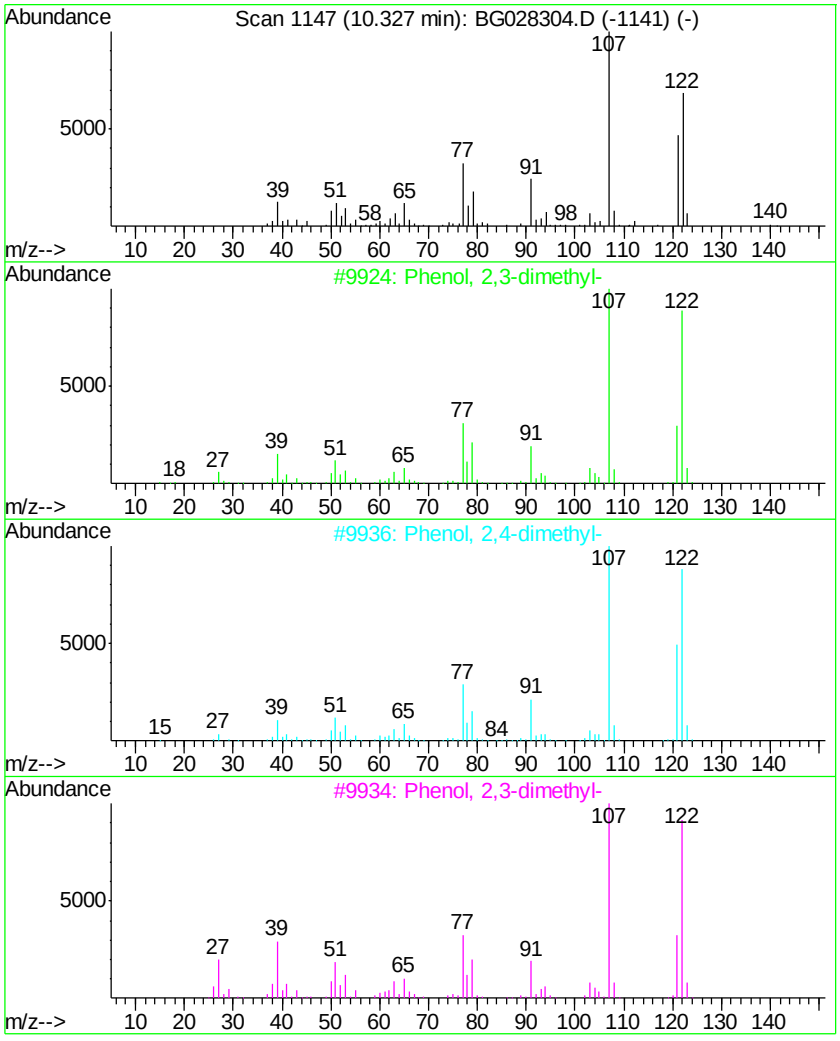
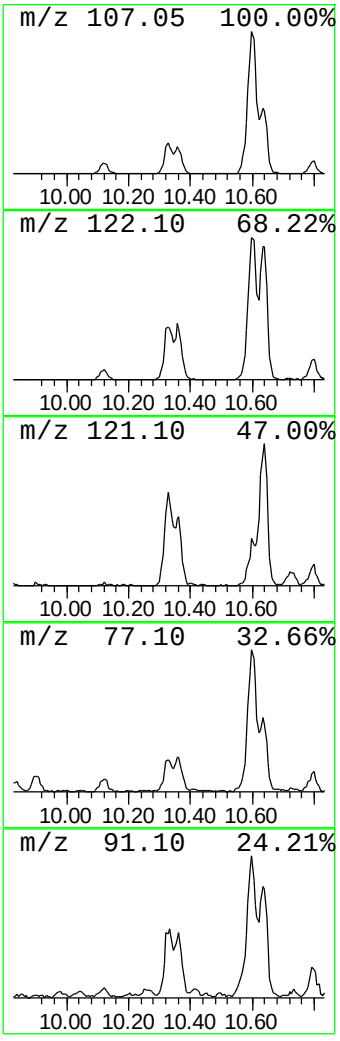
Peak Number 8 Phenol, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	12.42 ng/ul	325316	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
2	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	94
3	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	94
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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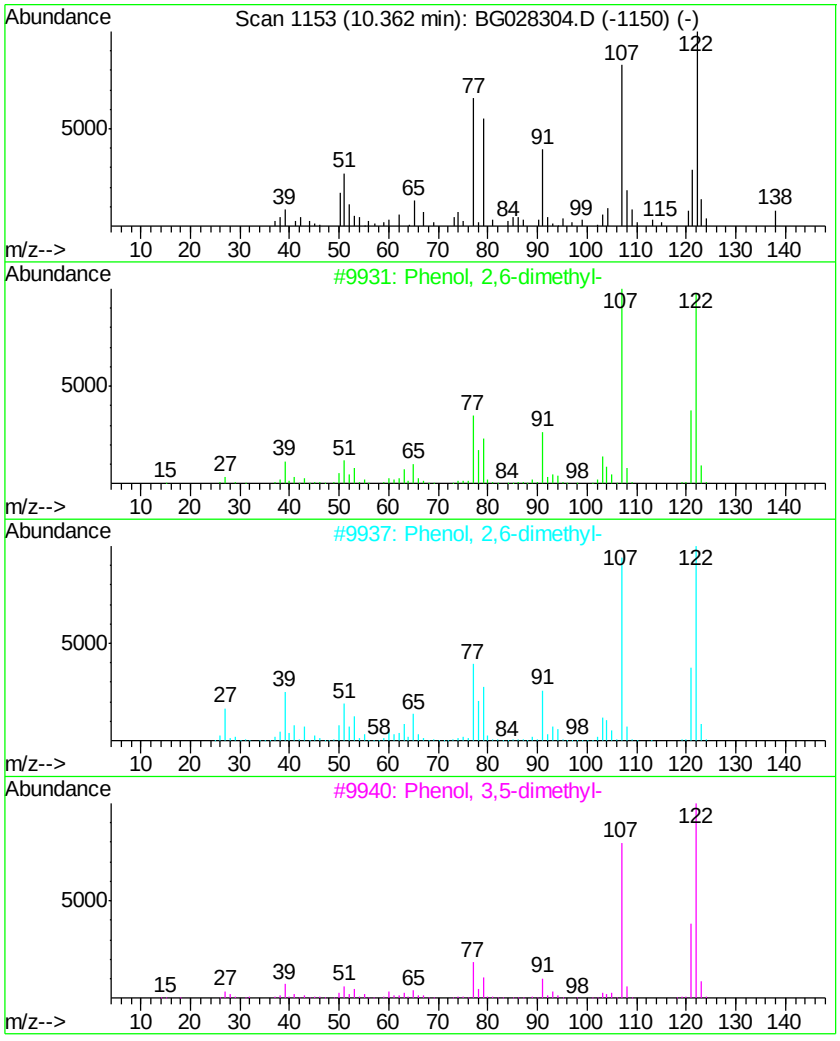
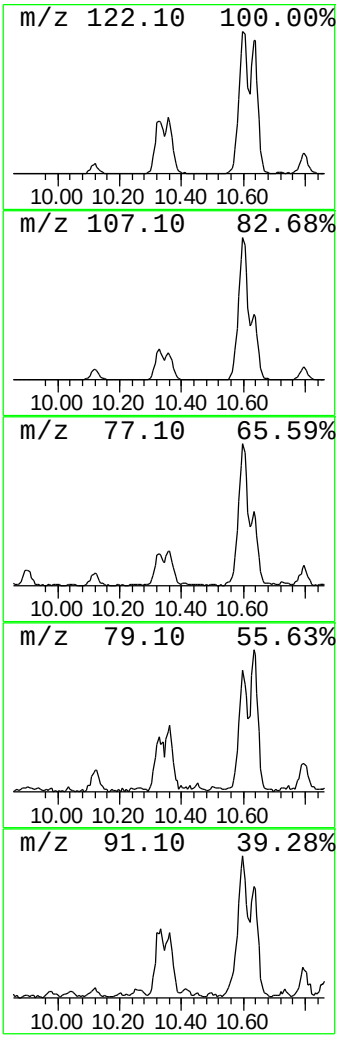
Peak Number 9 Phenol, 2,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.36	9.20 ng/ul	240994	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	90
2	Phenol, 2,6-dimethyl-	122	C8H10O	000576-26-1	87
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
4	Phenol, 2,3-dimethyl-	122	C8H10O	000526-75-0	87
5	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87





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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 10 Phenol, 3-ethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.60	50.09 ng/ul	1311550	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	97
2	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	94
3	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	91
4	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	87
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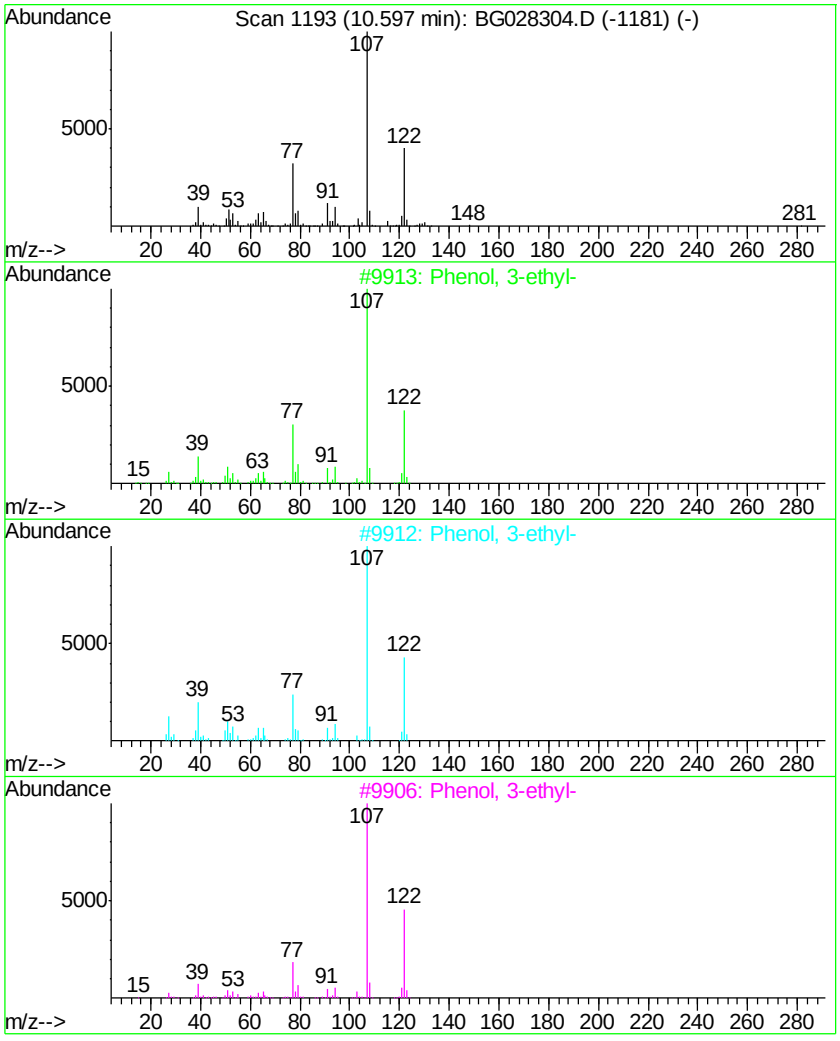

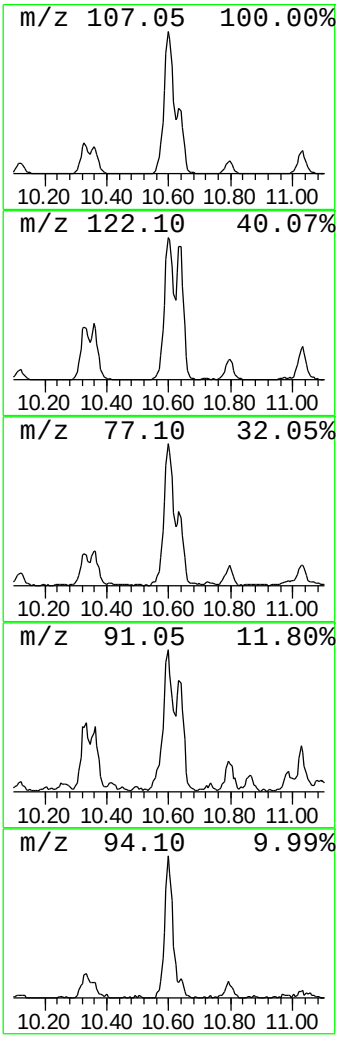

Library Search Compound Report

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Quant Title : SVOA CALIBRATION

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

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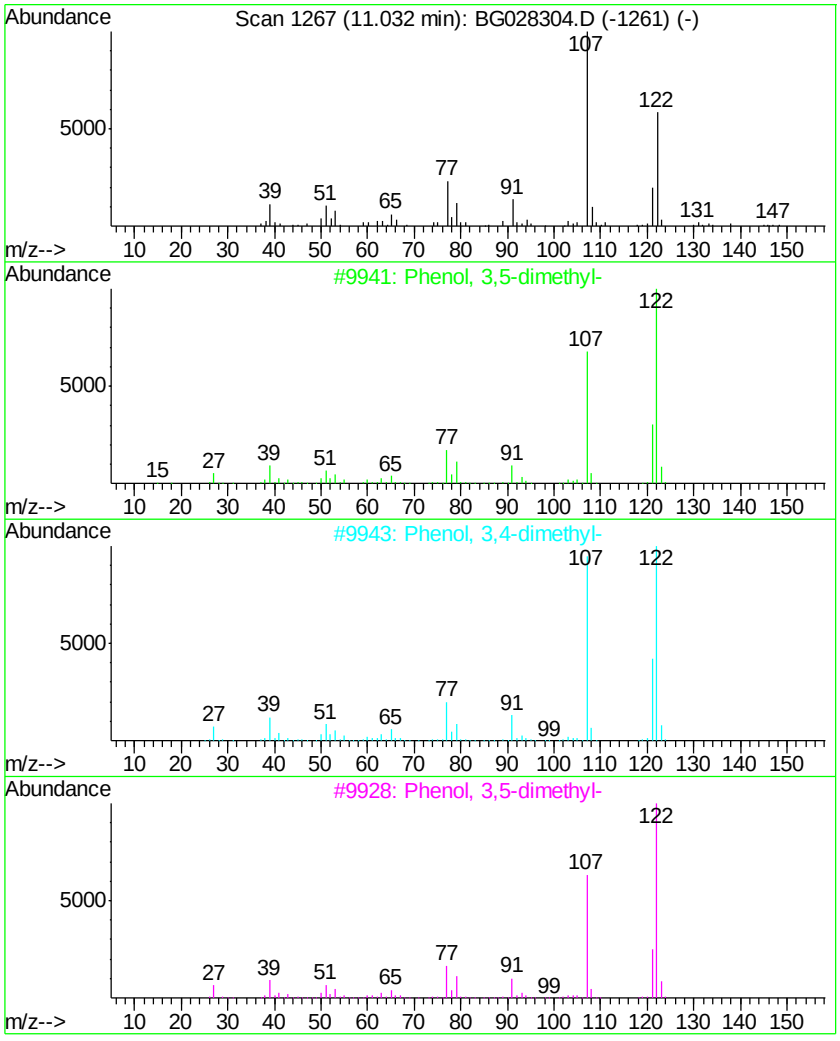
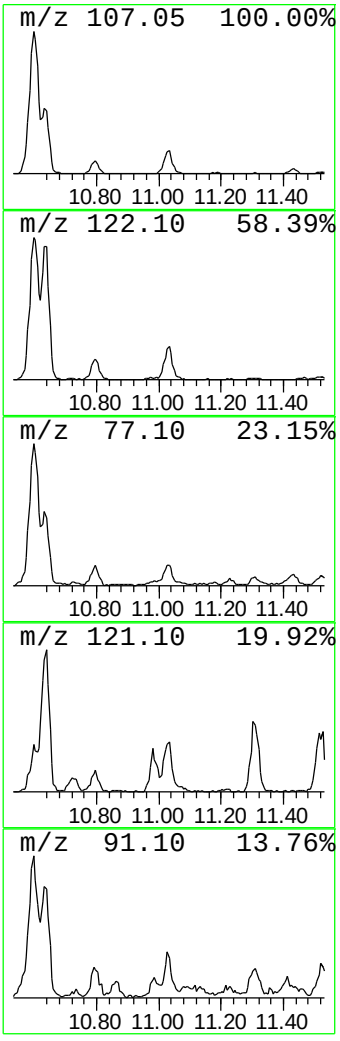
Peak Number 12 Phenol, 3,5-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.03	9.02 ng/ul	236267	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	91
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	91
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	90
5	Phenol, 3-ethyl-	122	C8H10O	000620-17-7	87





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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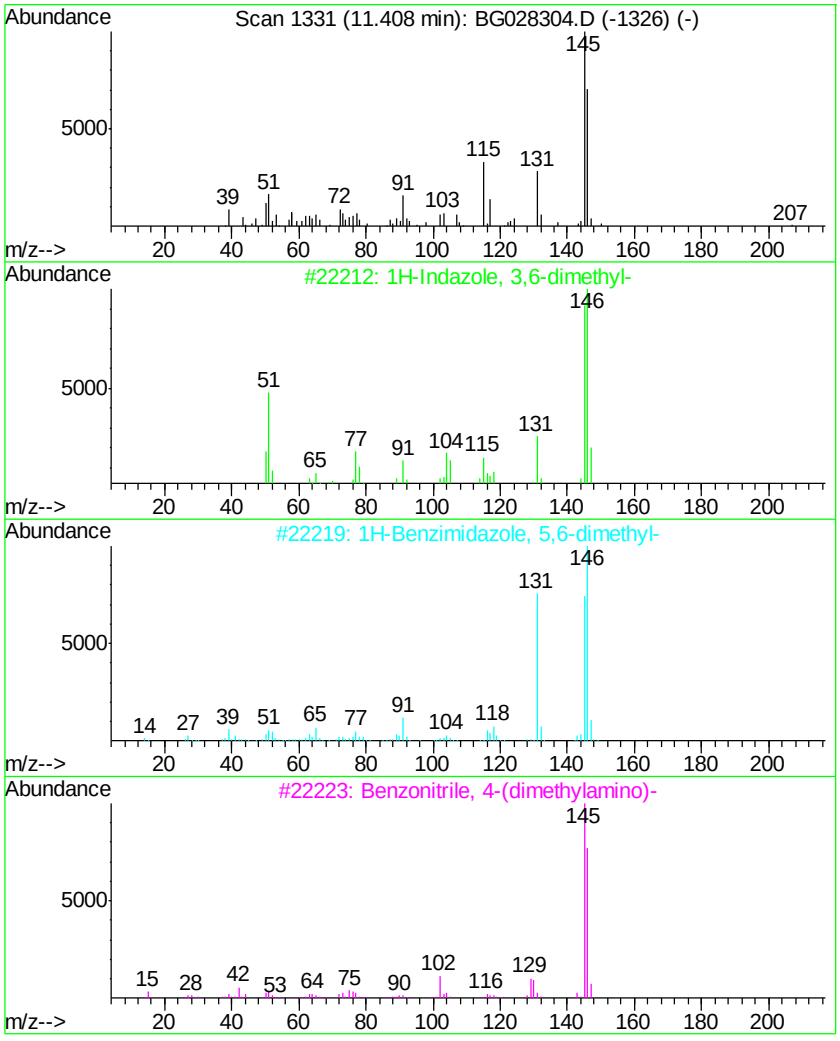
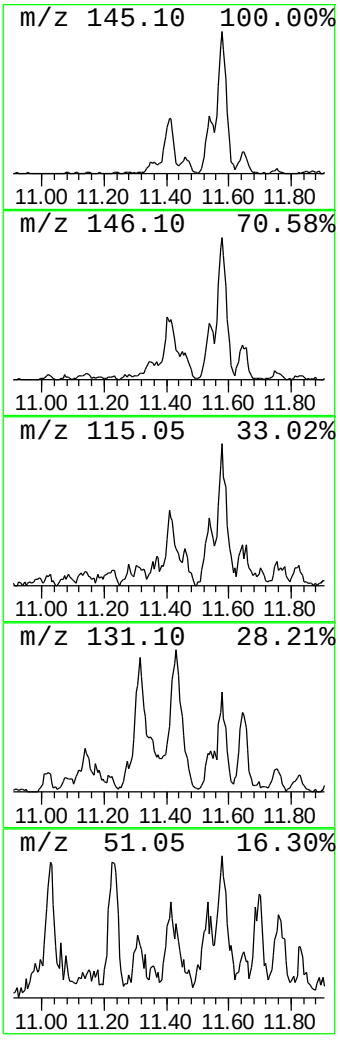
Peak Number 13 1H-Indazole, 3,6-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.41	9.71 ng/ul	254228	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	64
2	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
3	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	47
4	3,4,5-Trifluorobenzyl alcohol, n...	218	C11H13F3O	1000375-24-7	38
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	38





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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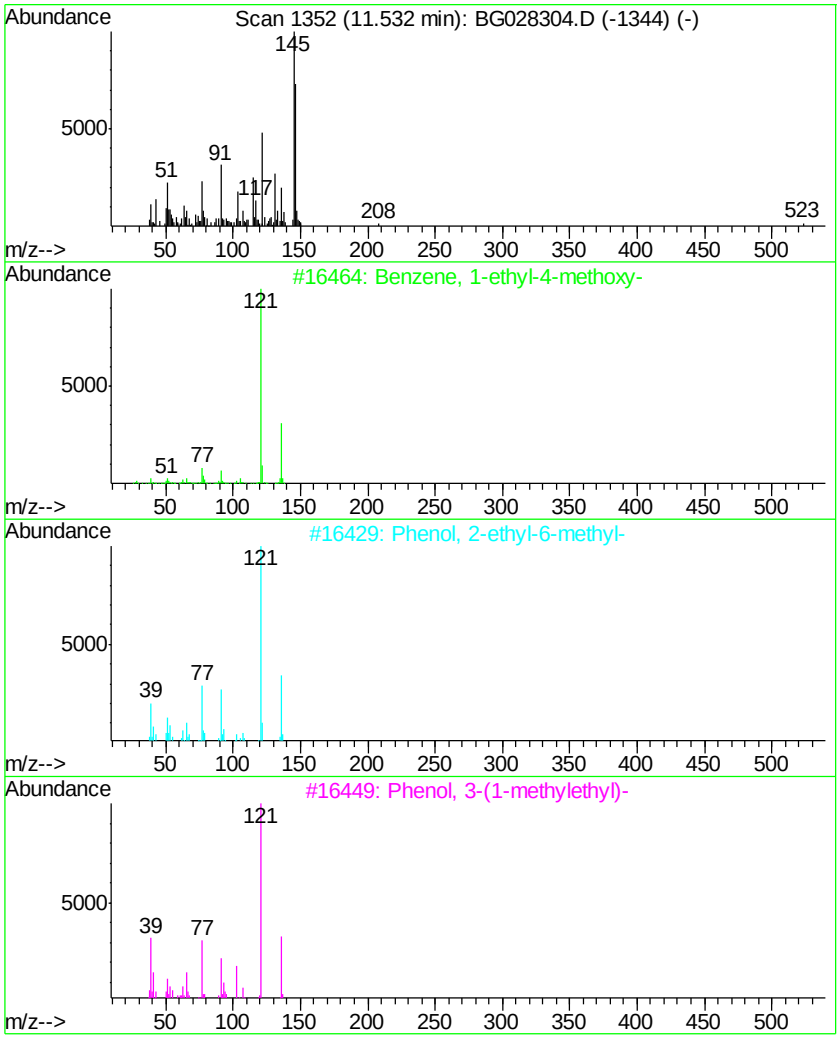
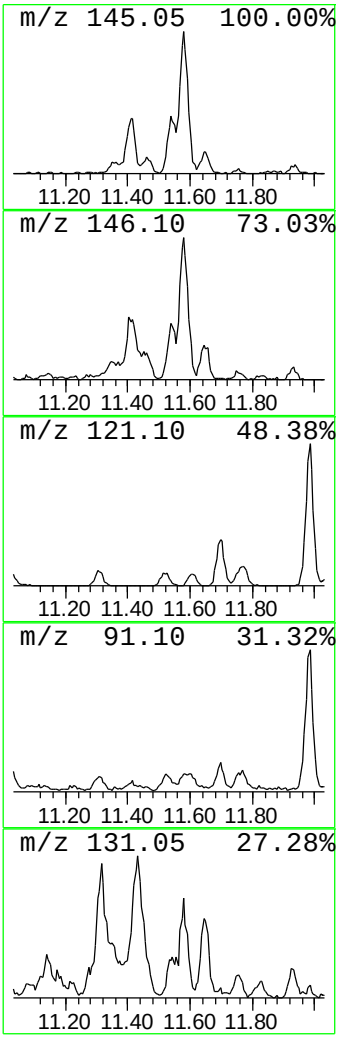
Peak Number 14 unknown03 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.53	8.30 ng/ul	217420	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38
2	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	38
3	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	38
4	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	38
5	Benzenemethanol, .alpha.,4-dimet...	136	C9H12O	000536-50-5	38





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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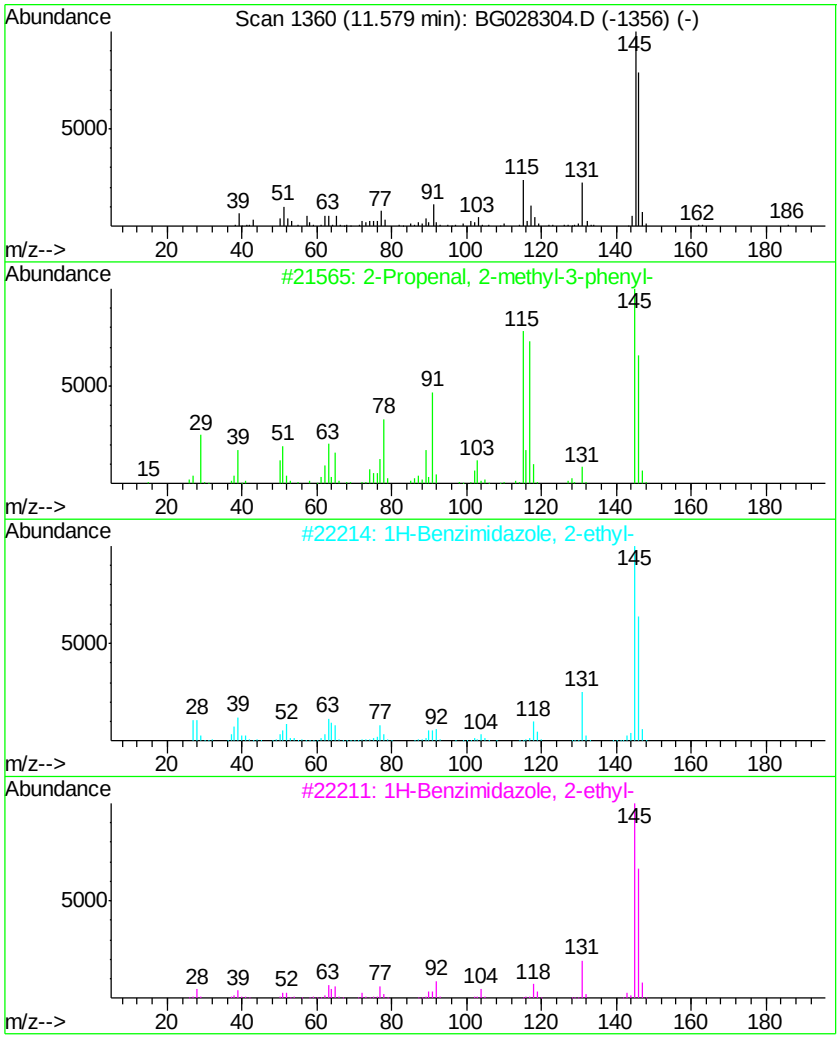
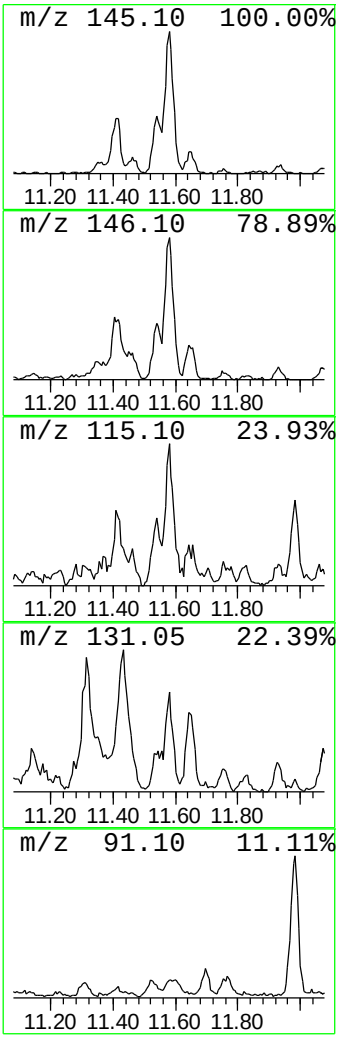
Peak Number 15 2-Propenal, 2-methyl-3-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.58	13.09 ng/ul	342704	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	59
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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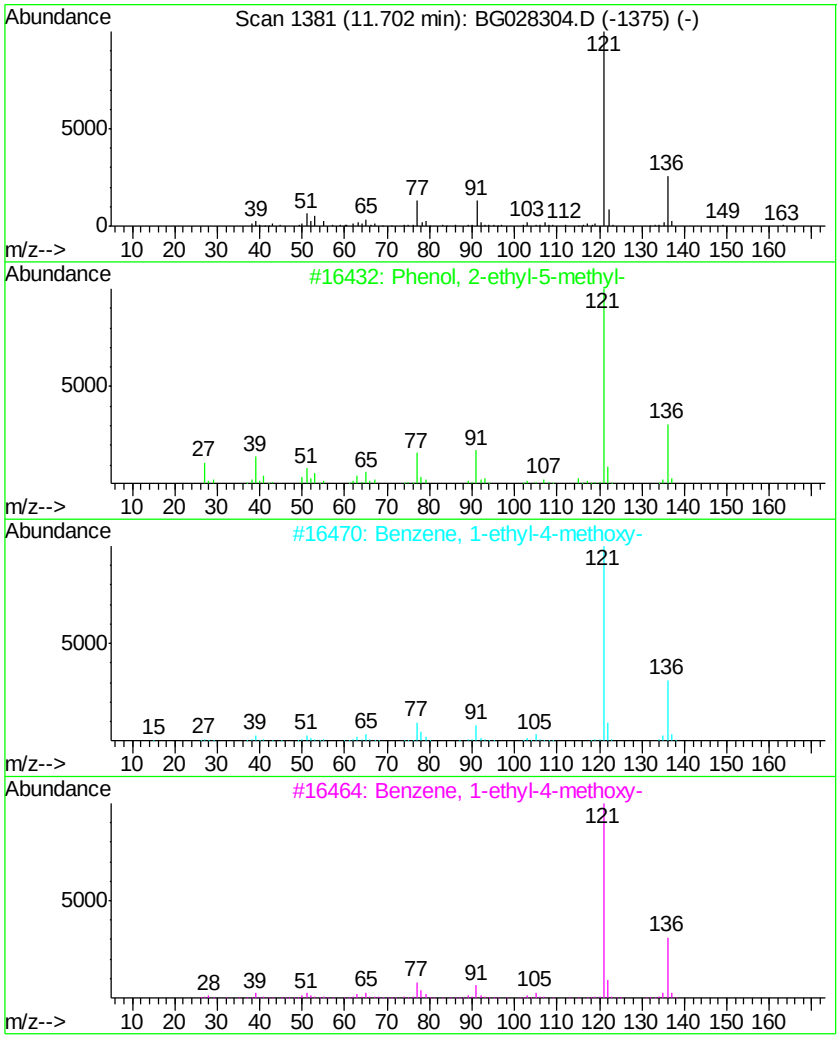
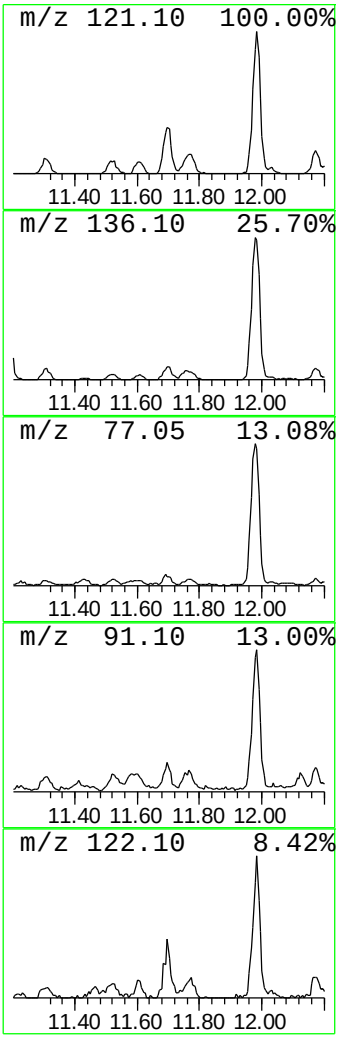
Peak Number 16 Phenol, 2-ethyl-5-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	7.71 ng/ul	201845	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	91
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
3	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	90
4	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	86
5	Phenol, 2-(1-methylethyl)-, meth...	193	C11H15NO2	002631-40-5	83





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ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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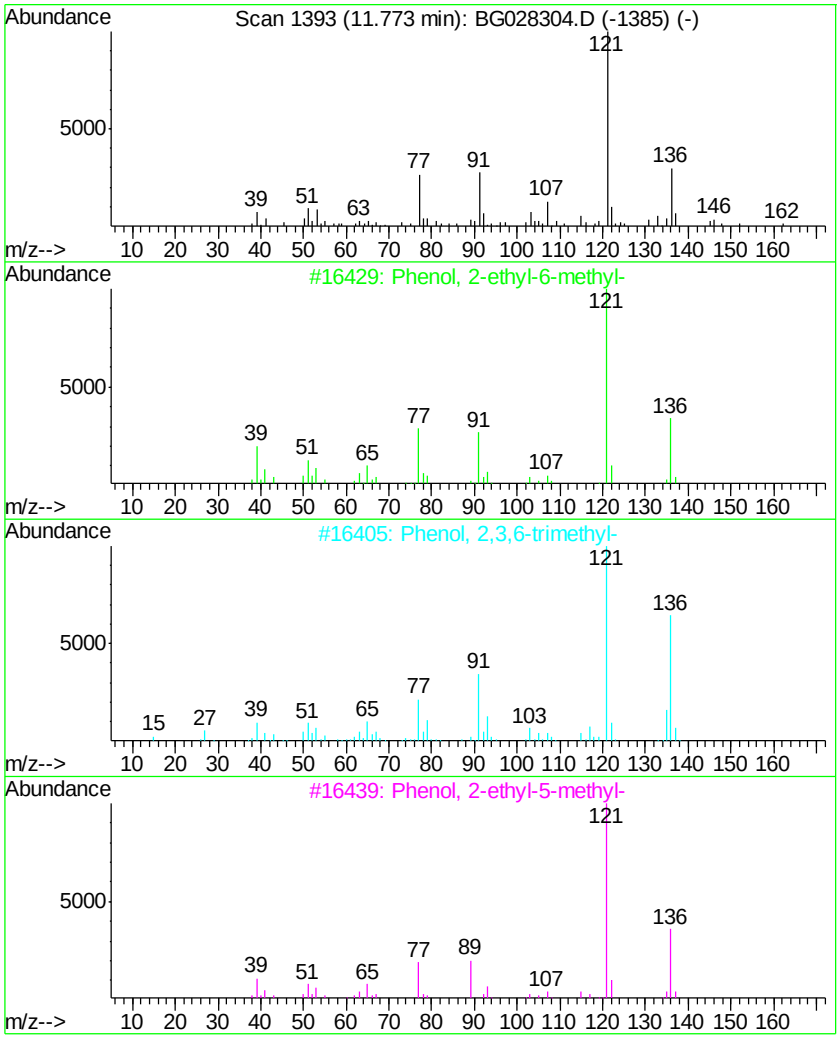
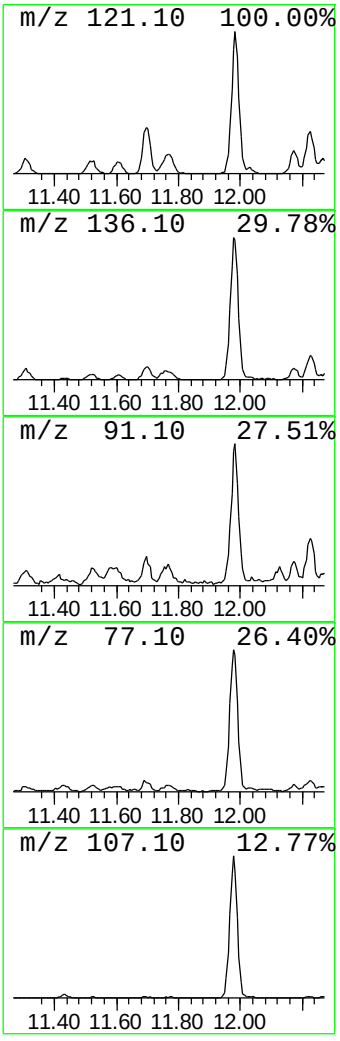
Peak Number 17 Phenol, 2-ethyl-6-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	6.49 ng/ul	169966	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-6-methyl-	136	C9H12O	001687-64-5	83
2	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	83
3	Phenol, 2-ethyl-5-methyl-	136	C9H12O	001687-61-2	83
4	Phenol, 3-(1-methylethyl)-	136	C9H12O	000618-45-1	72
5	Oxalic acid, isobutyl 2-isopropy...	264	C15H20O4	1000309-56-2	72





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ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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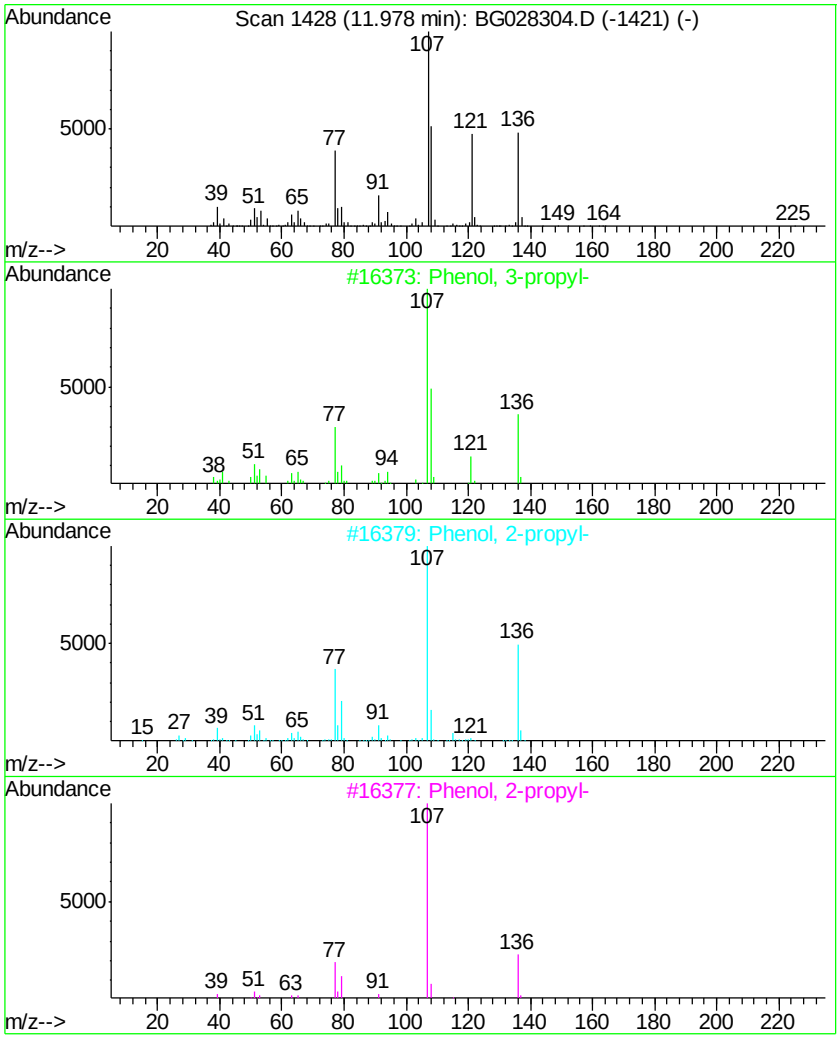
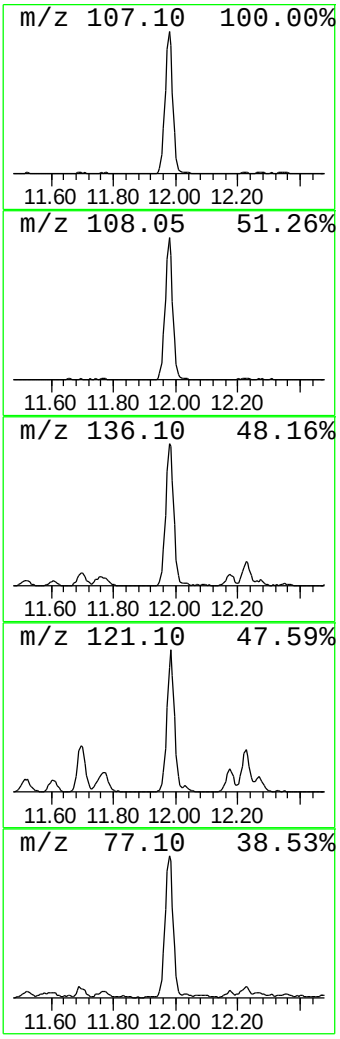
Peak Number 18 Phenol, 3-propyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.98	72.12 ng/ul	1888590	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-propyl-	136	C9H12O	000621-27-2	91
2	Phenol, 2-propyl-	136	C9H12O	000644-35-9	64
3	Phenol, 2-propyl-	136	C9H12O	000644-35-9	62
4	Hydrazine, 1-ethyl-2-phenyl-	136	C8H12N2	000622-82-2	50
5	Phenol, 2-propyl-	136	C9H12O	000644-35-9	50





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Sample : I4529-20
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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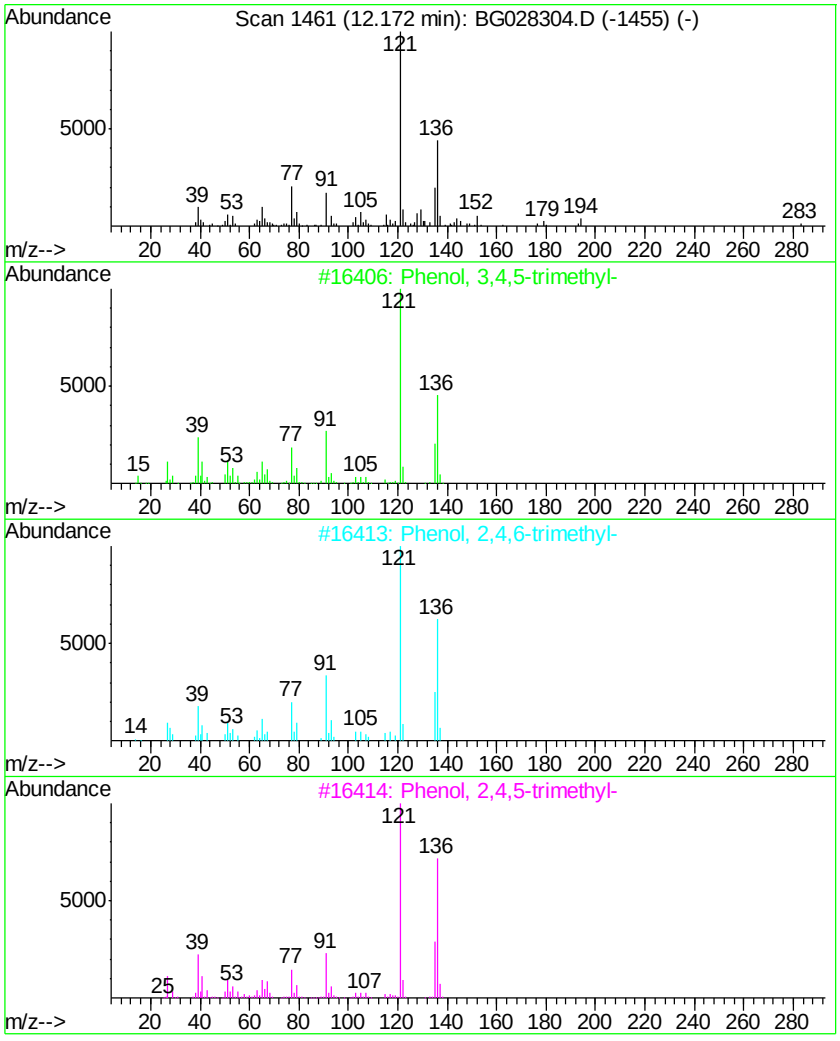
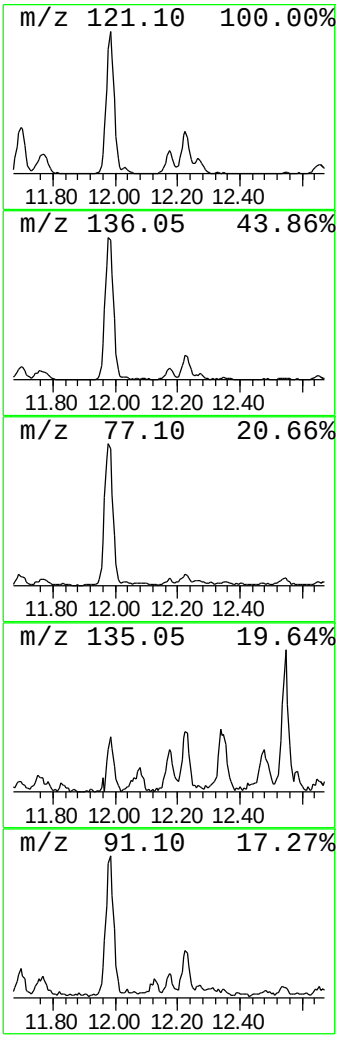
Peak Number 19 Phenol, 3,4,5-trimethyl- Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	5.39 ng/ul	141090	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	87
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	87
3	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
4	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	72





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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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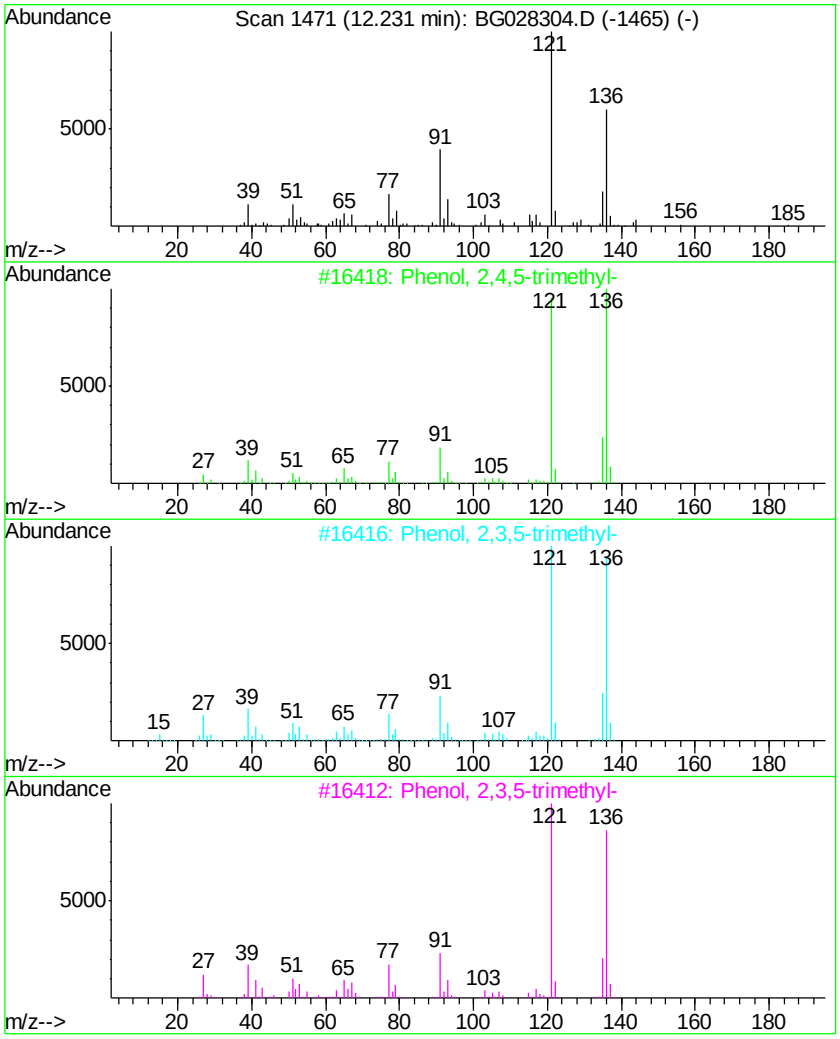
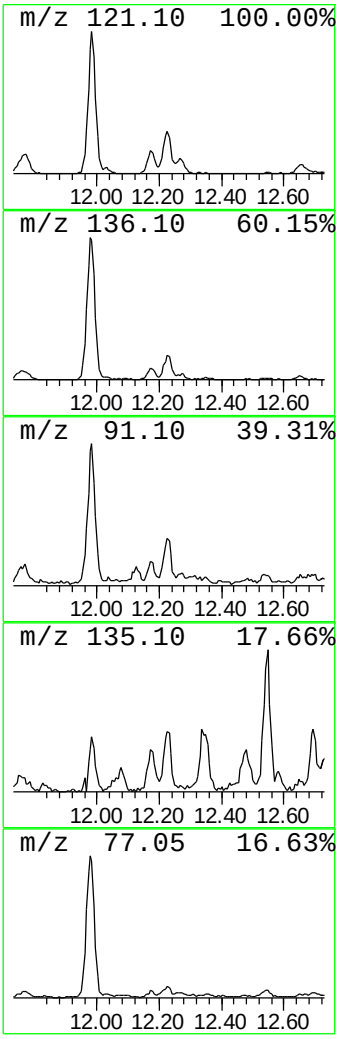
Peak Number 20 Phenol, 2,4,5-trimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.23	6.76 ng/ul	176972	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	95
2	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91
5	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	91





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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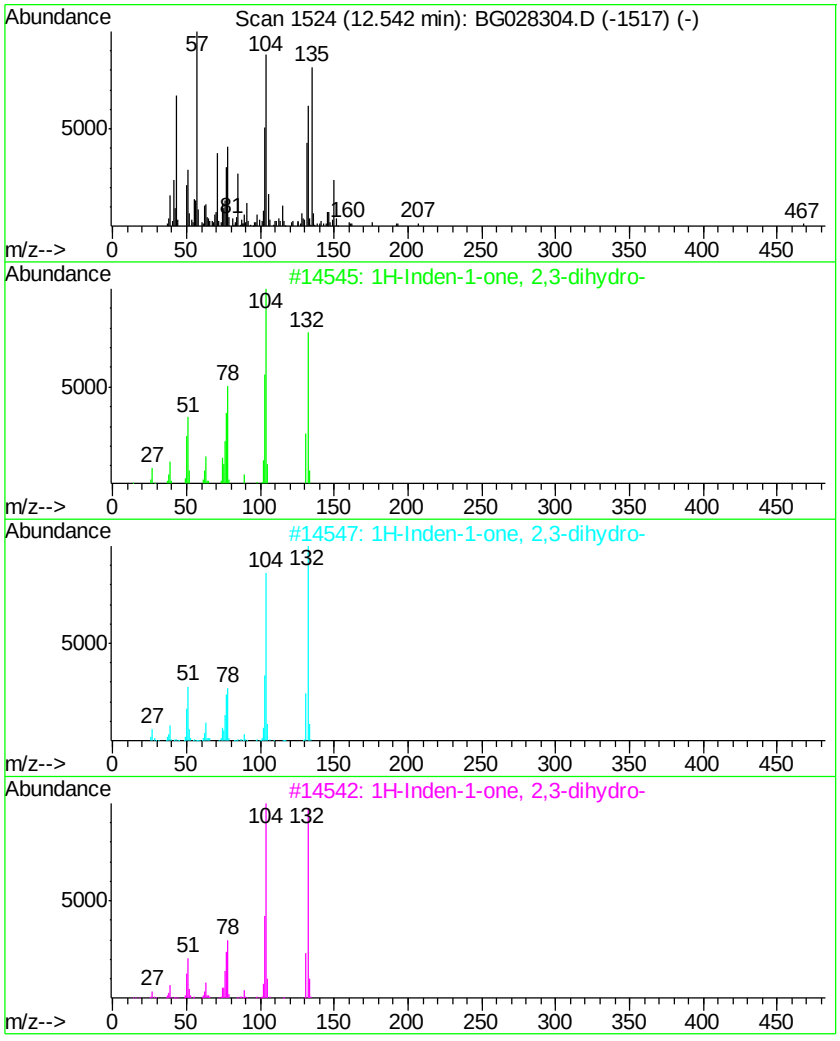
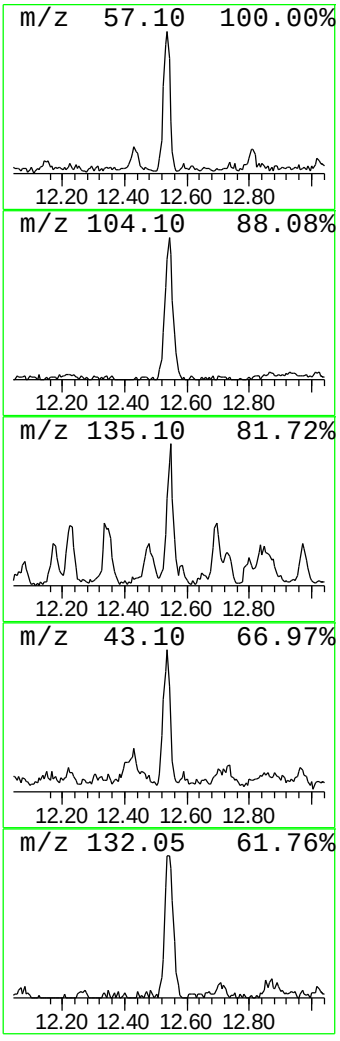
Peak Number 21 1H-Inden-1-one, 2,3-dihydro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.54	9.52 ng/ul	249273	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	90
2	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	87
3	1H-Inden-1-one, 2,3-dihydro-	132	C9H8O	000083-33-0	64
4	2H-Inden-2-one, 1,3-dihydro-	132	C9H8O	000615-13-4	30
5	2-Propenoic acid, 3-phenyl-, 2-p...	252	C17H16O2	000103-53-7	27





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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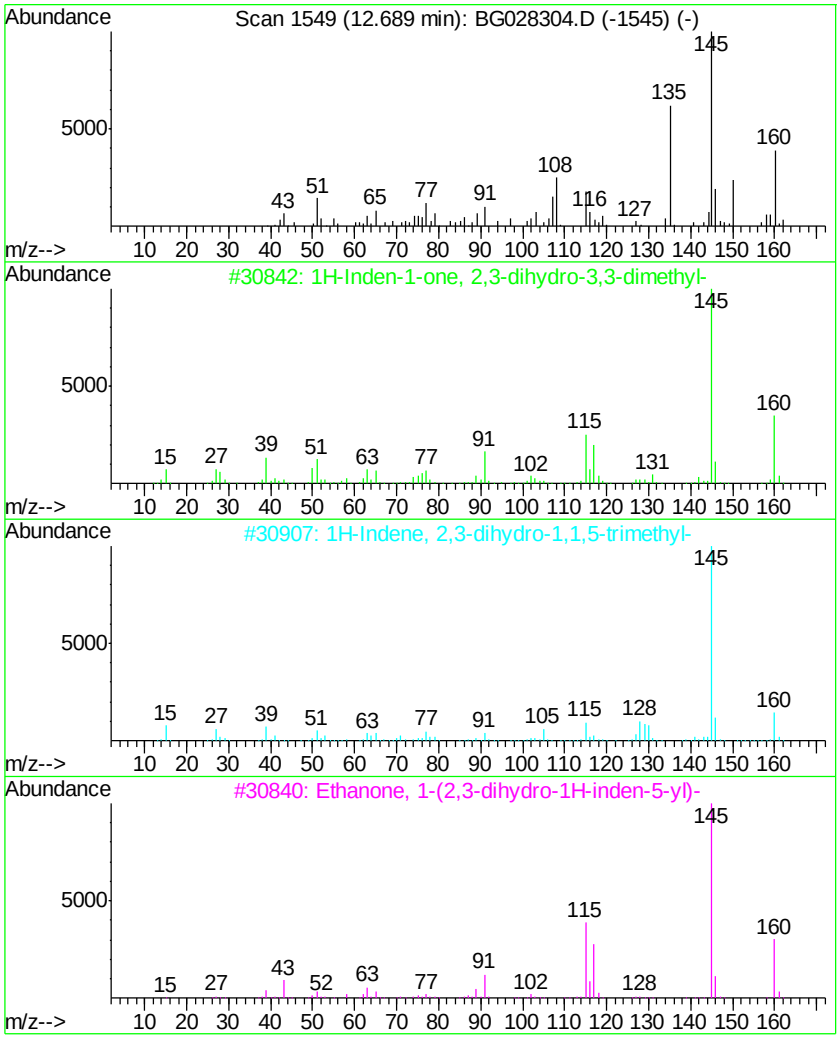
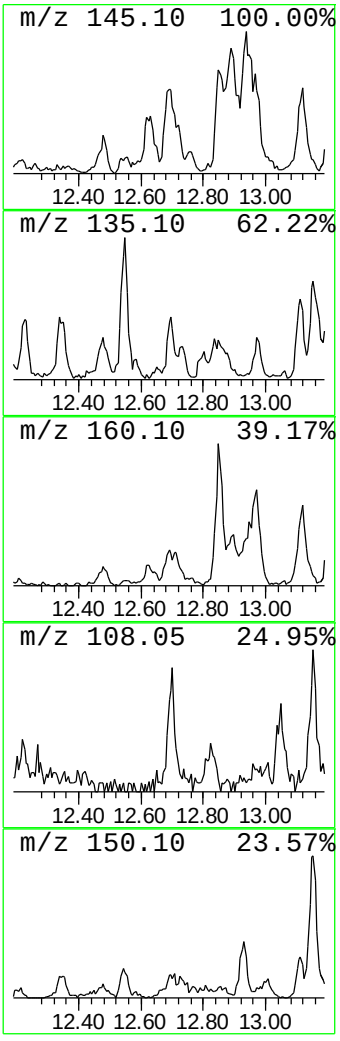
Peak Number 22 unknown04 Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.69	5.74 ng/ul	150287	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	46
2	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	43
3	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	43
4	FENAZAQUIN	306	C20H22N2O	120928-09-8	43
5	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	43





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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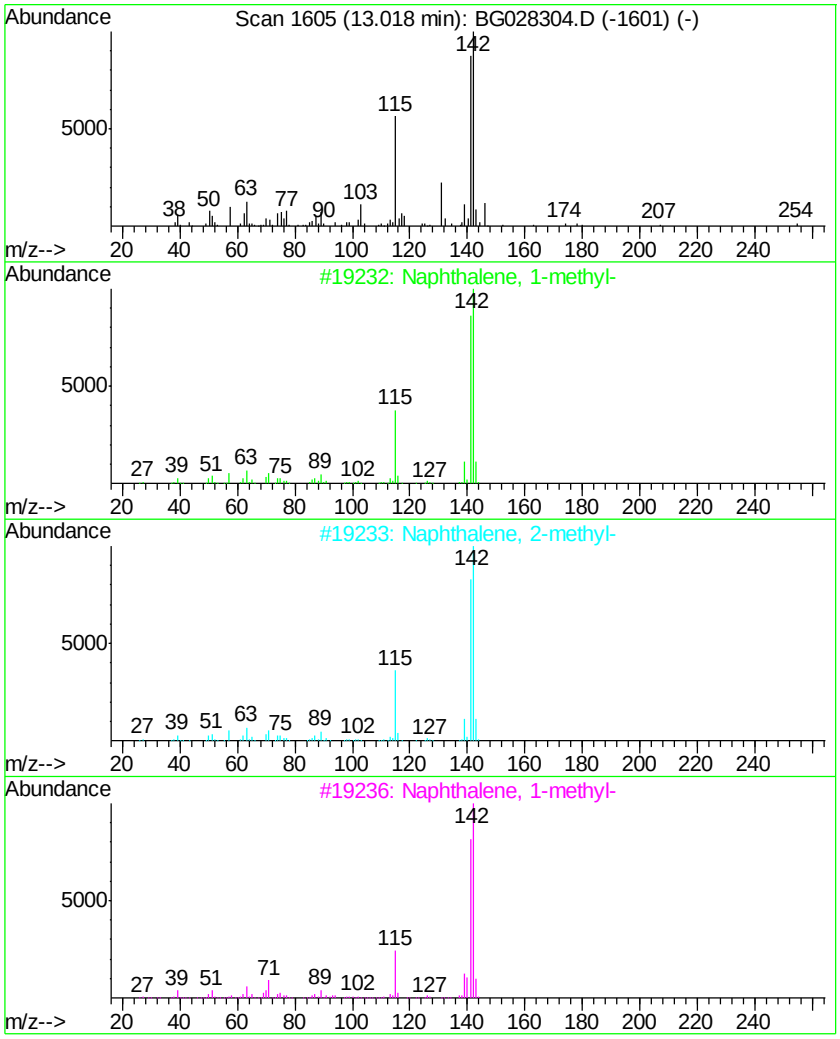
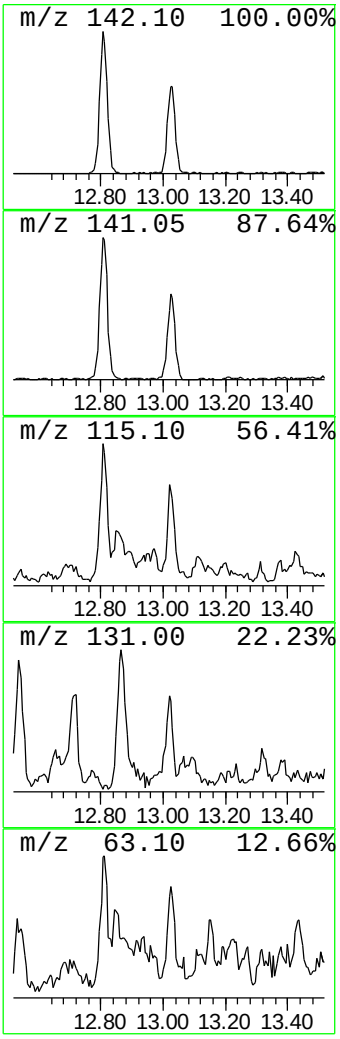
Peak Number 23 Naphthalene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.02	8.10 ng/ul	212053	Naphthalene-d8	11.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	94
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	93
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91





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Quant Title : SVOA CALIBRATION

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

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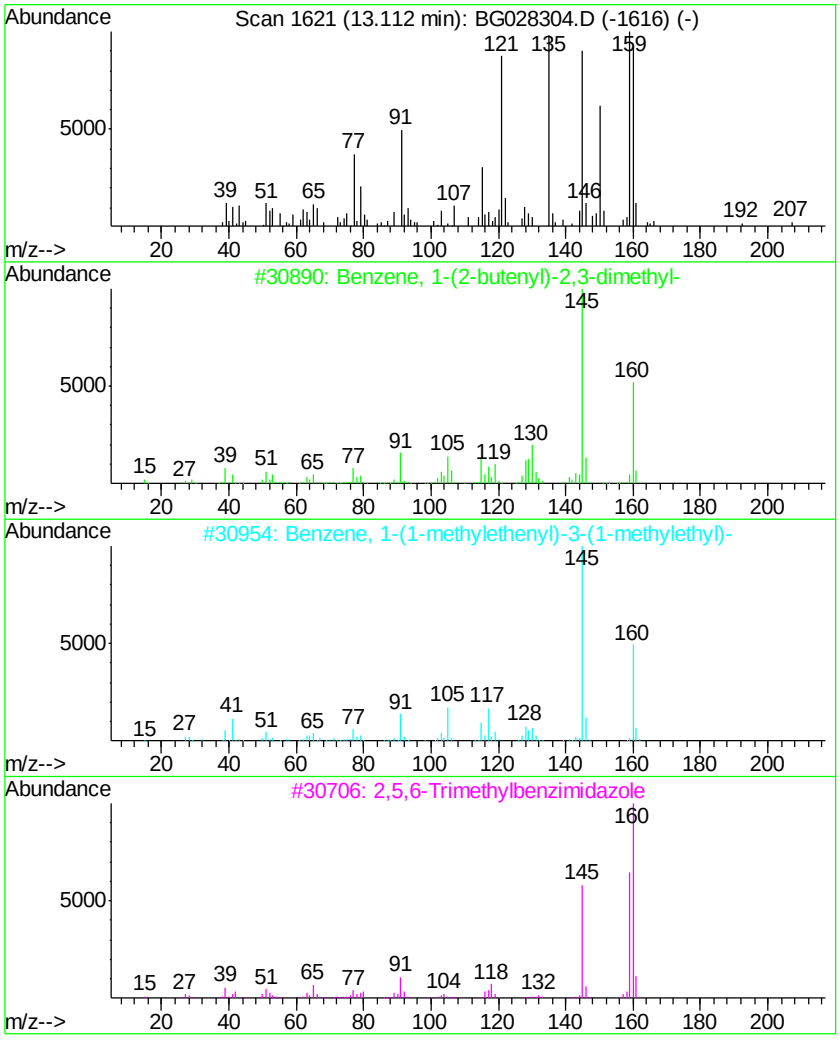
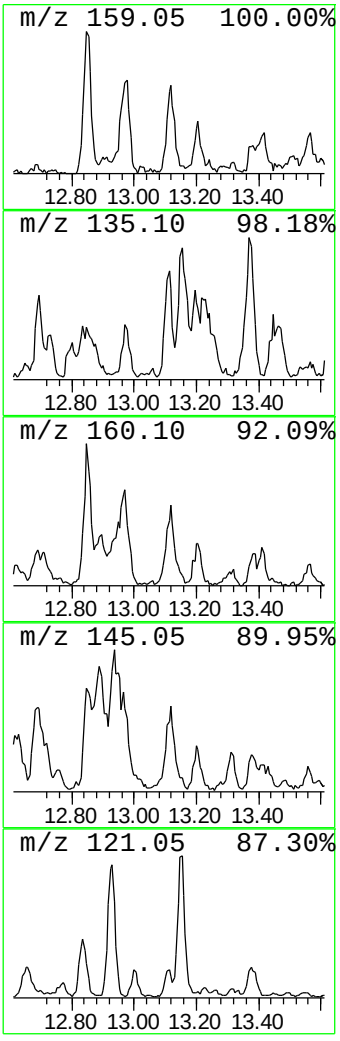
Peak Number 24 unknown05 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	2.84 ng/ul	136596	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	42
2	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	38
3	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	38
4	1H-Benzimidazole, 2-(1-methyleth...	160	C10H12N2	005851-43-4	38
5	Benzene, 4-chloro-2-fluoro-1-met...	160	C7H6ClFO	000452-09-5	30





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Sample : I4529-20
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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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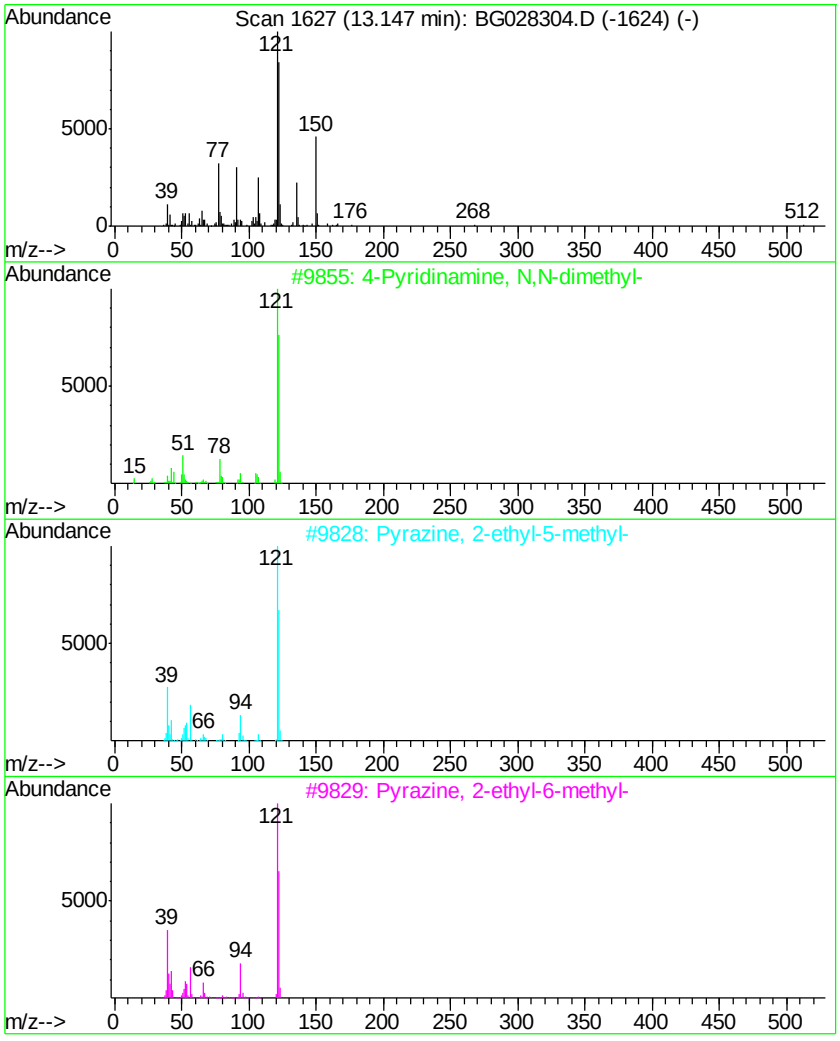
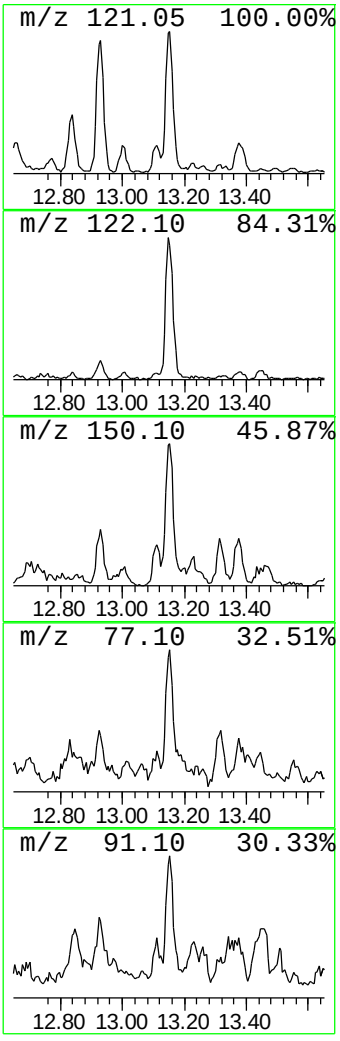
Peak Number 25 unknown06 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.15	4.31 ng/ul	207272	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Pyridinamine, N,N-dimethyl-	122	C7H10N2	001122-58-3	49
2	Pyrazine, 2-ethyl-5-methyl-	122	C7H10N2	013360-64-0	47
3	Pyrazine, 2-ethyl-6-methyl-	122	C7H10N2	013925-03-6	46
4	4-Methyl-2-propylphenol	150	C10H14O	004074-46-8	45
5	Benzene, 1-methoxy-4-methyl-	122	C8H10O	000104-93-8	41





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Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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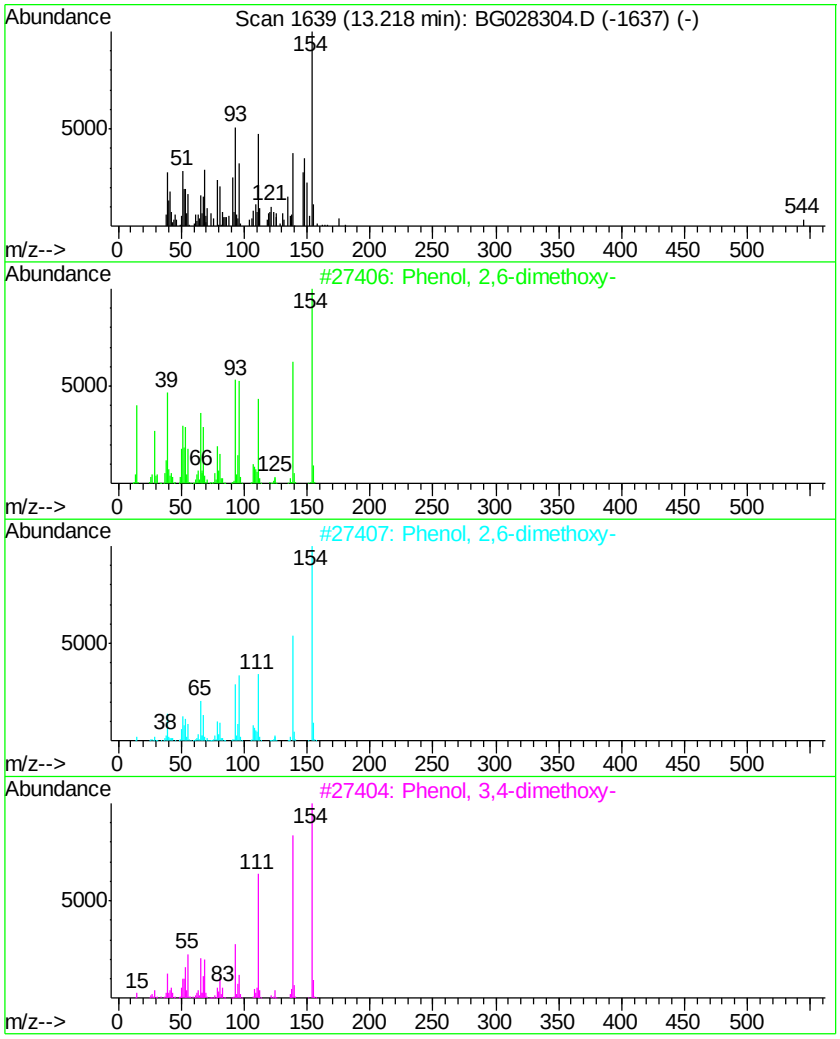
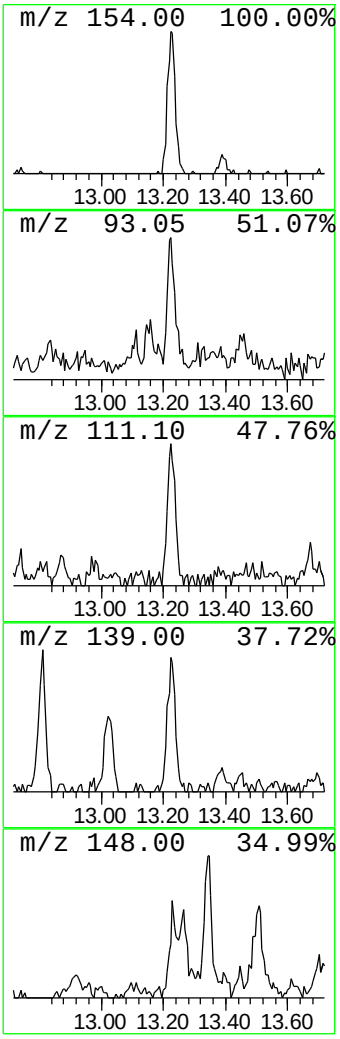
Peak Number 26 Phenol, 2,6-dimethoxy- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.64 ng/ul	223168	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	96
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	95
3	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	46
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	46
5	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	43





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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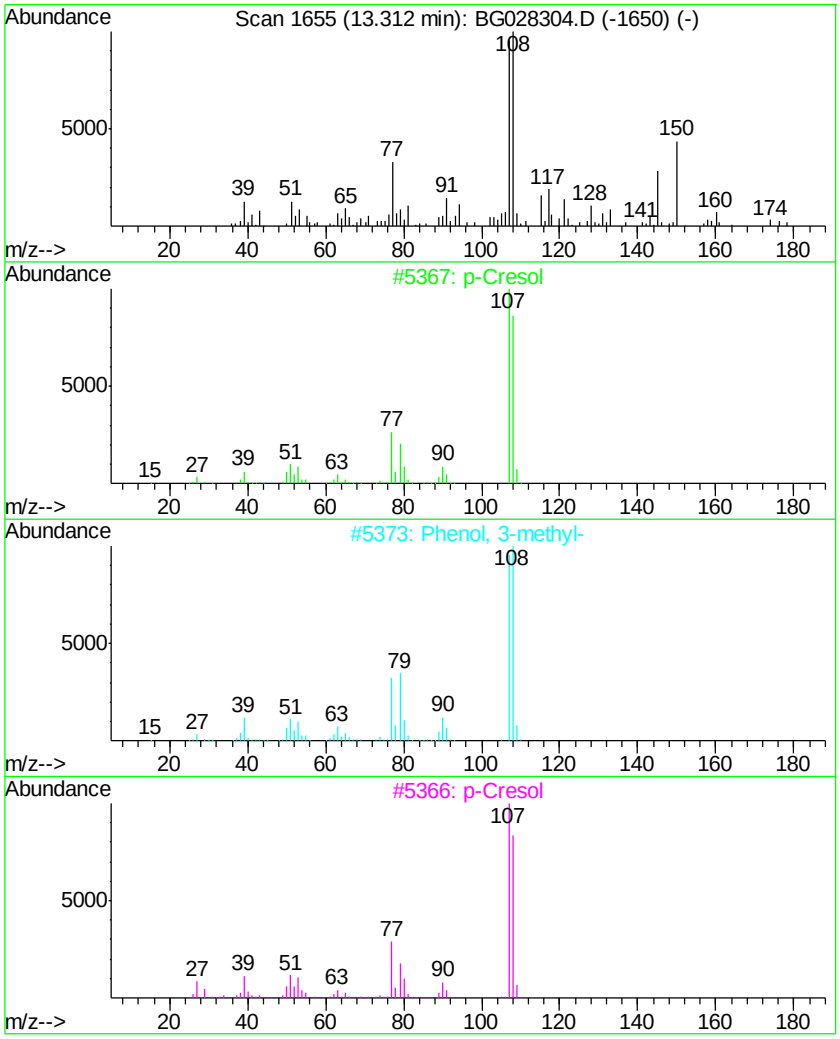
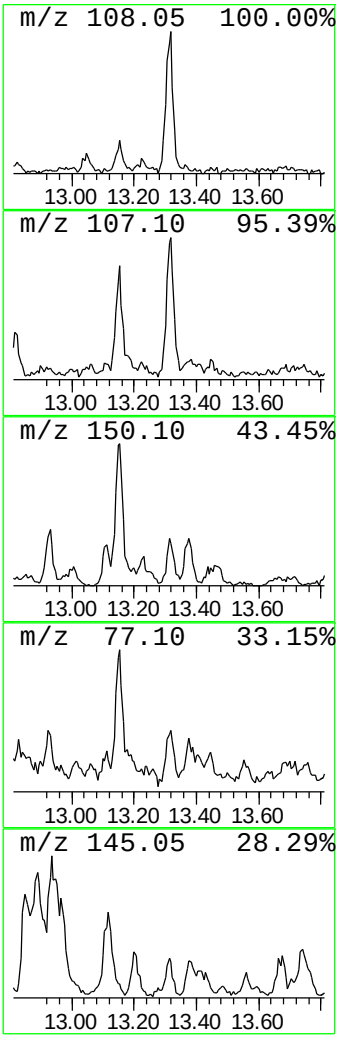
Peak Number 27 p-Cresol Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.31	3.66 ng/ul	175892	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	p-Cresol	108	C7H8O	000106-44-5	60
2	Phenol, 3-methyl-	108	C7H8O	000108-39-4	49
3	p-Cresol	108	C7H8O	000106-44-5	49
4	p-Cresol	108	C7H8O	000106-44-5	47
5	2-Acetyl-1-phenylhydrazine	150	C8H10N2O	000114-83-0	46





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Quant Title : SVOA CALIBRATION

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

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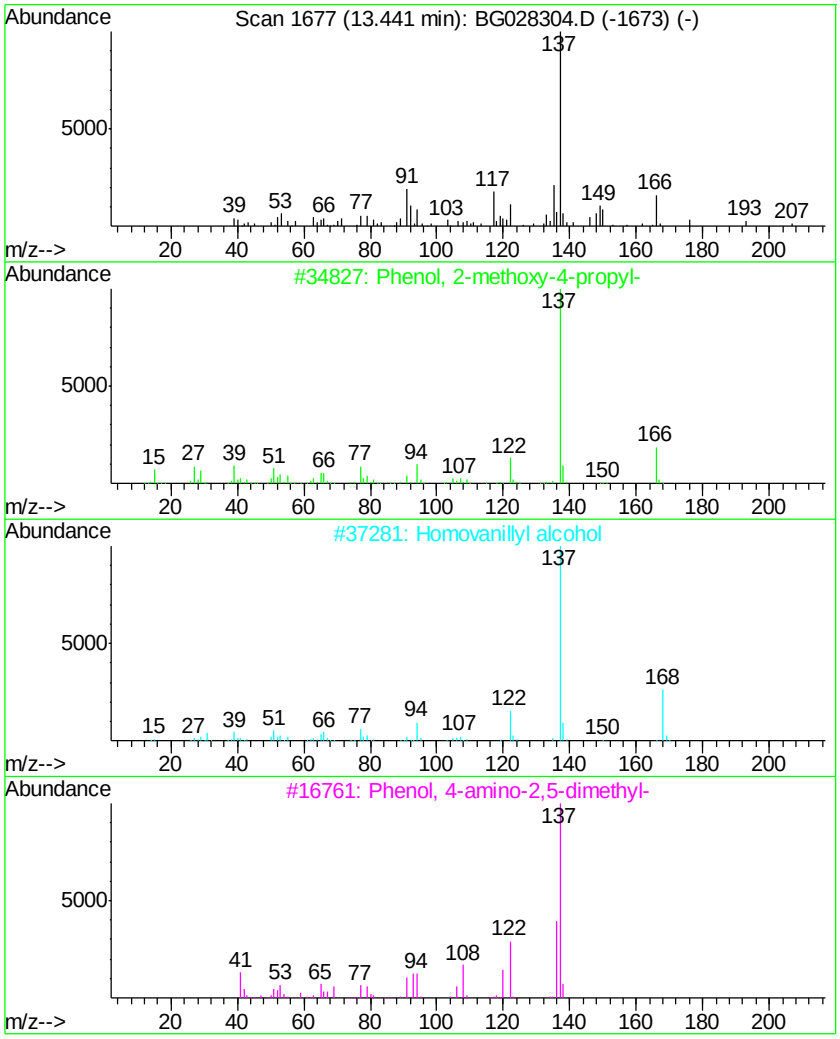
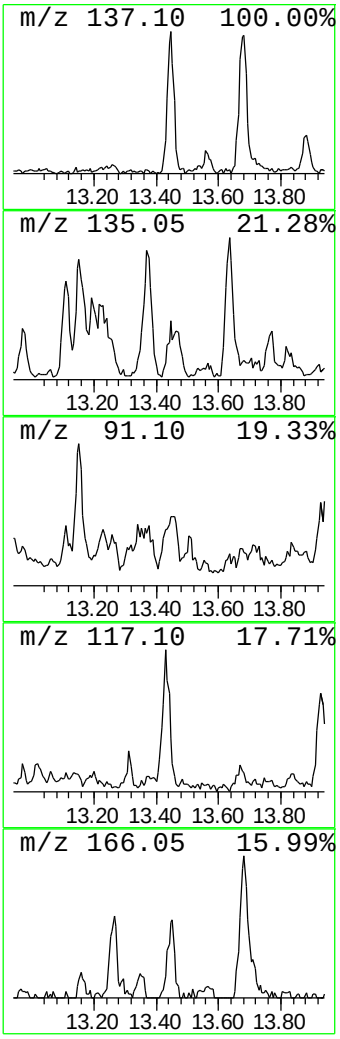
Peak Number 28 unknown07 Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.44	3.16 ng/ul	152021	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	49
2	Homovanillyl alcohol	168	C9H12O3	002380-78-1	43
3	Phenol, 4-amino-2,5-dimethyl-	137	C8H11NO	003096-71-7	43
4	Benzeneamine, 3-ethyl-4-hydroxy-	137	C8H11NO	178698-88-9	43
5	(-)-R-Phenethanamine, 1-methyl-N...	271	C17H21NO2	1000127-90-4	43





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Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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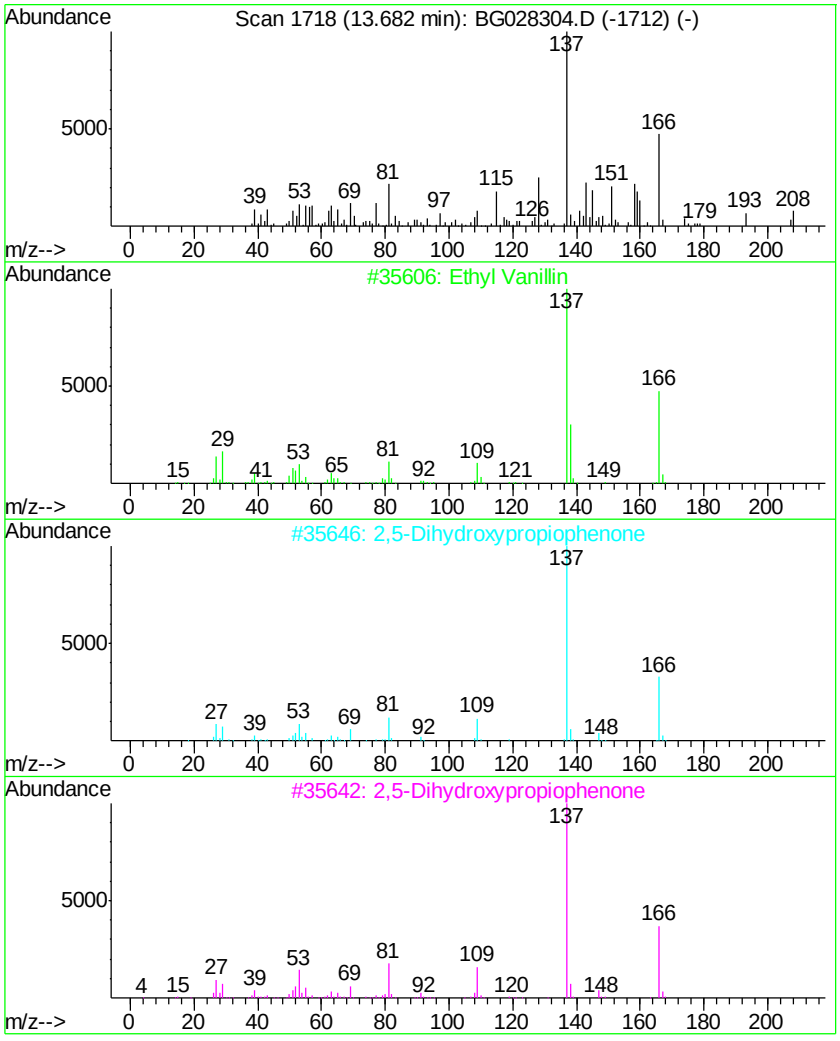
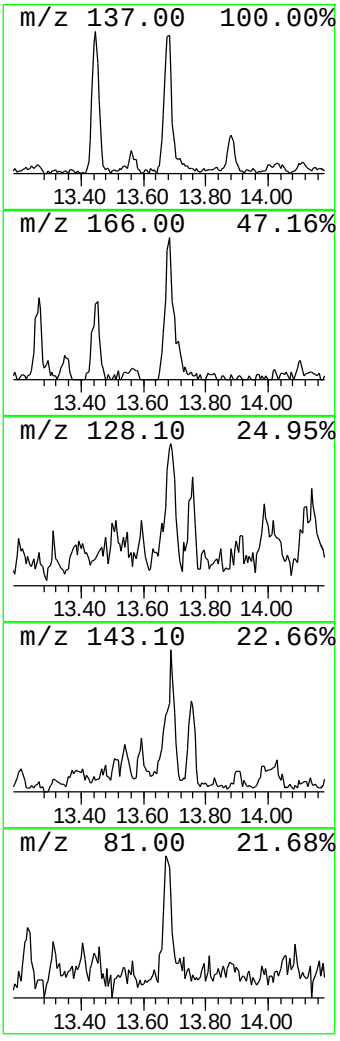
Peak Number 29 unknown08 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.68	5.59 ng/ul	268445	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethyl Vanillin	166	C9H10O3	000121-32-4	46
2	2,5-Dihydroxypropiophenone	166	C9H10O3	000938-46-5	46
3	2,5-Dihydroxypropiophenone	166	C9H10O3	000938-46-5	45
4	Ethyl Vanillin	166	C9H10O3	000121-32-4	43
5	2',4'-Dihydroxypropiophenone	166	C9H10O3	005792-36-9	38





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ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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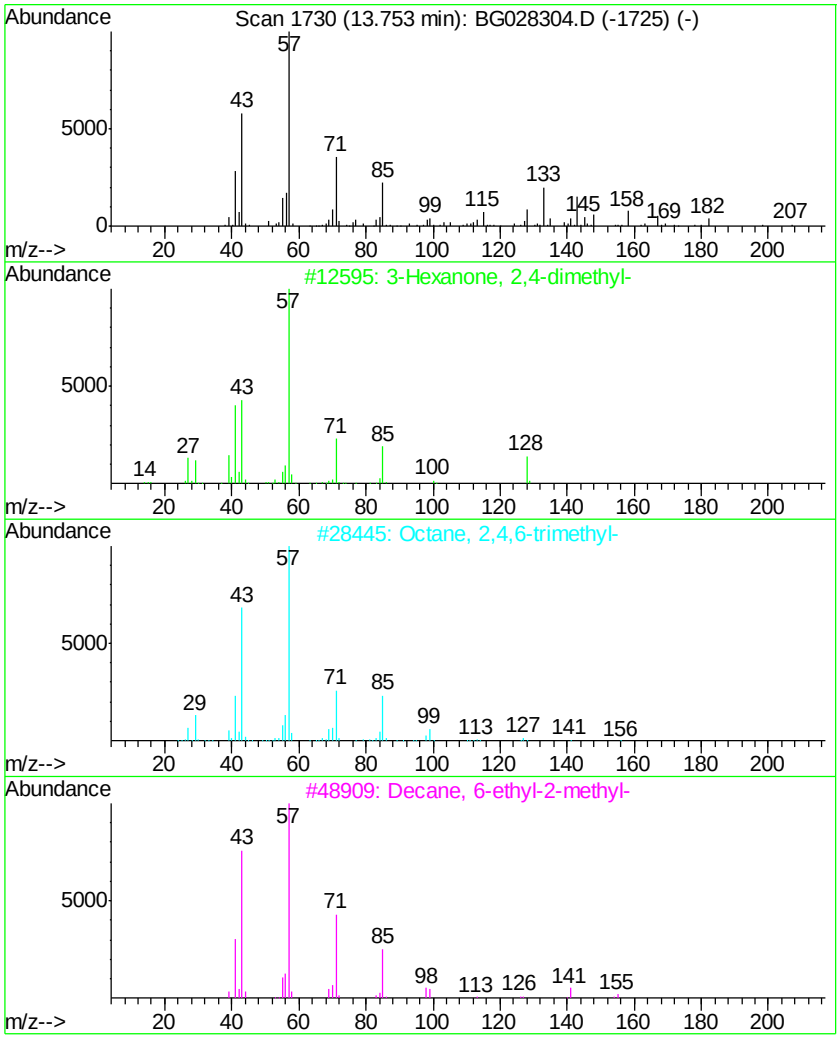
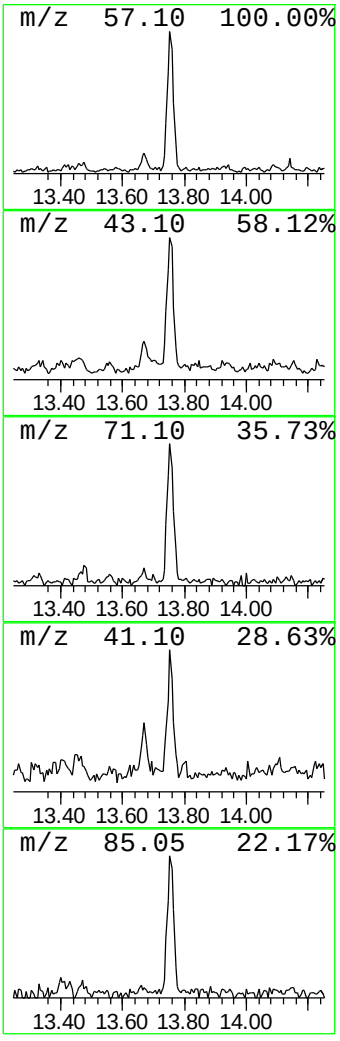
Peak Number 30 unknown09 Concentration Rank 48

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.48 ng/ul	215209	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	38
2	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	38
4	3-Hexanone, 2,4-dimethyl-	128	C8H16O	018641-70-8	38
5	Tridecane	184	C13H28	000629-50-5	30





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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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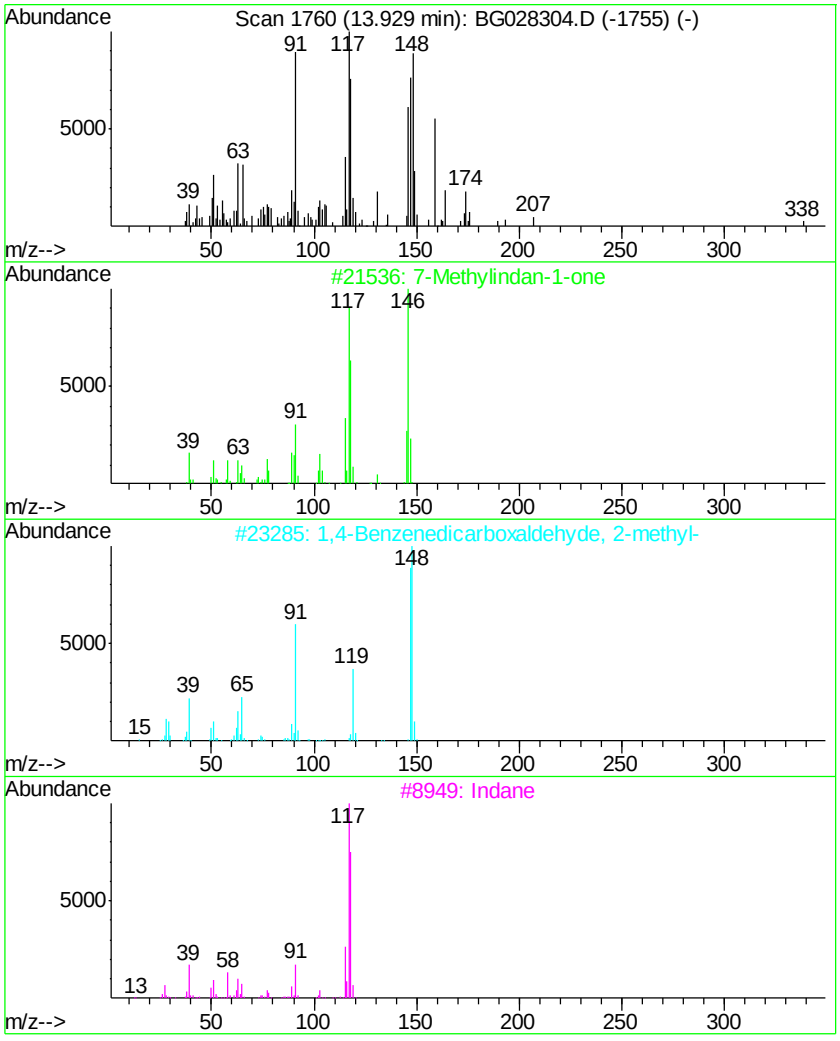
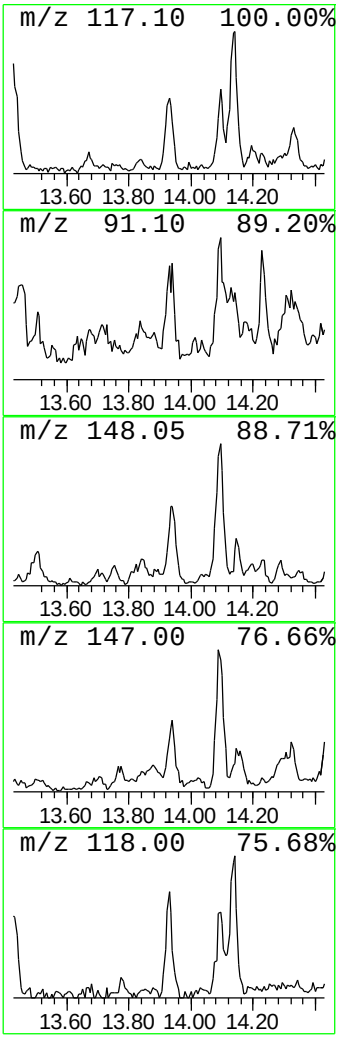
Peak Number 31 7-Methylindan-1-one Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.93	3.44 ng/ul	165173	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7-Methylindan-1-one	146	C10H10O	039627-61-7	50
2	1,4-Benzenedicarboxaldehyde, 2-m...	148	C9H8O2	027587-17-3	49
3	Indane	118	C9H10	000496-11-7	47
4	Benzonitrile, 2-methoxy-6-methyl-	147	C9H9NO	053005-44-0	38
5	Anethole	148	C10H12O	000104-46-1	38





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Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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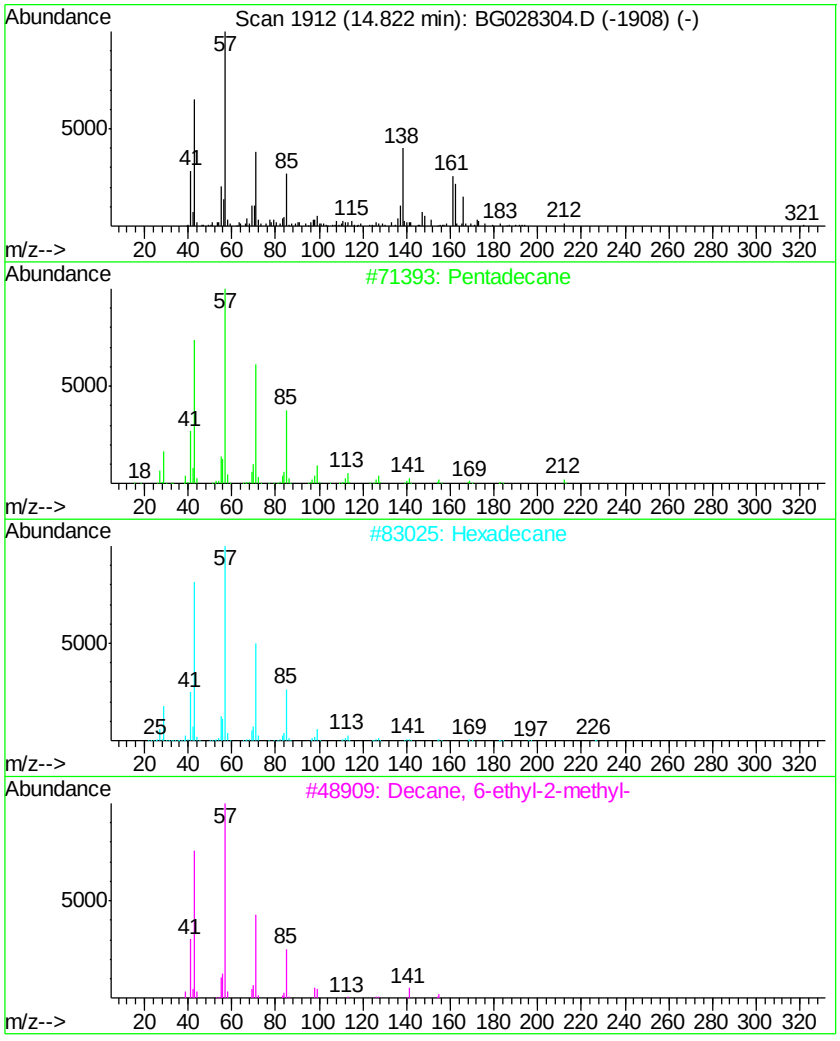
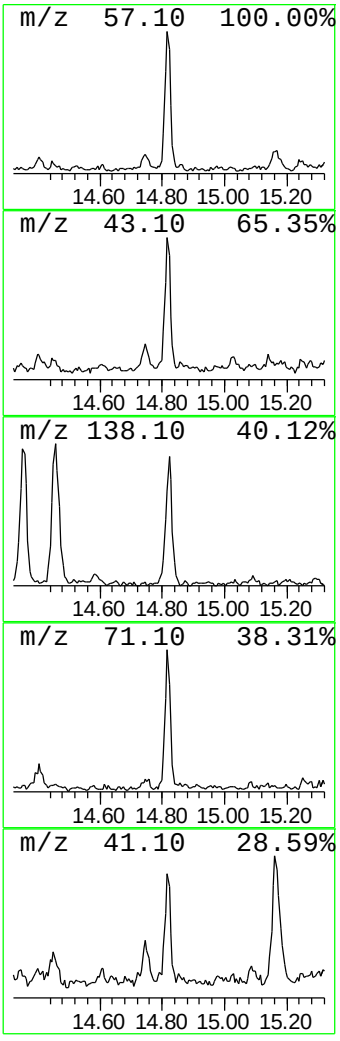
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	4.94 ng/ul	237493	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	50
2	Hexadecane	226	C16H34	000544-76-3	46
3	Decane, 6-ethyl-2-methyl-	184	C13H28	062108-21-8	43
4	Undecane, 2-methyl-	170	C12H26	007045-71-8	43
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	43





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Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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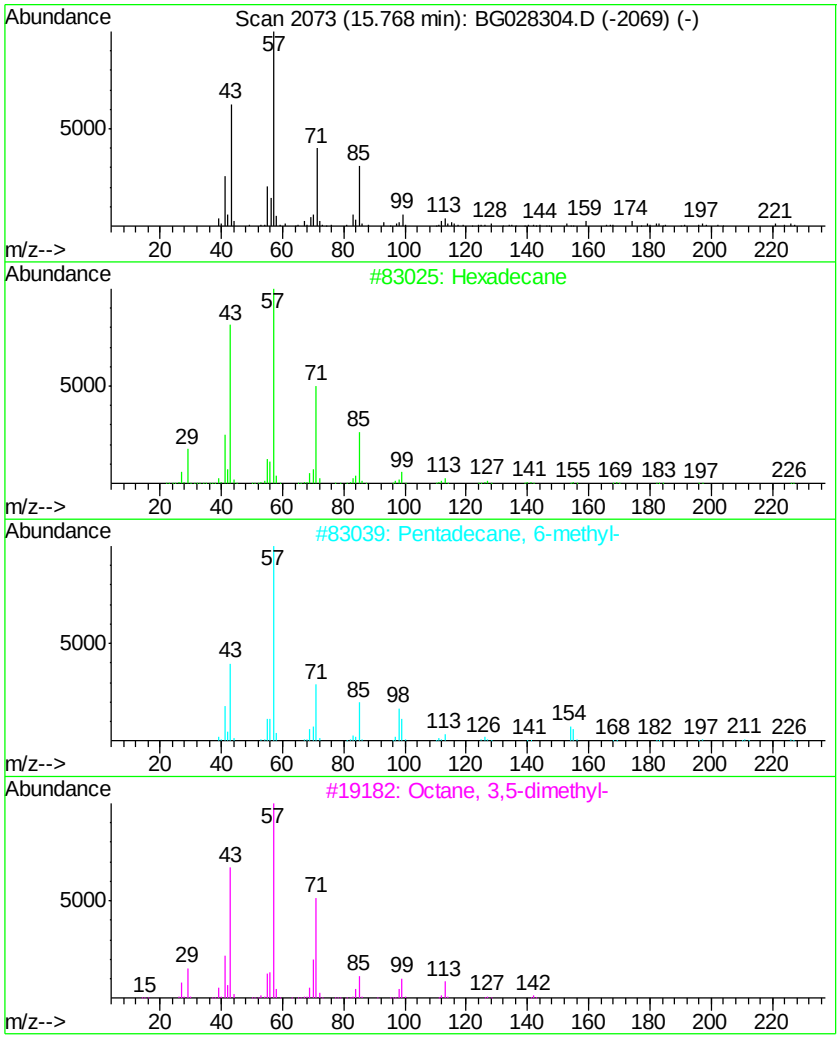
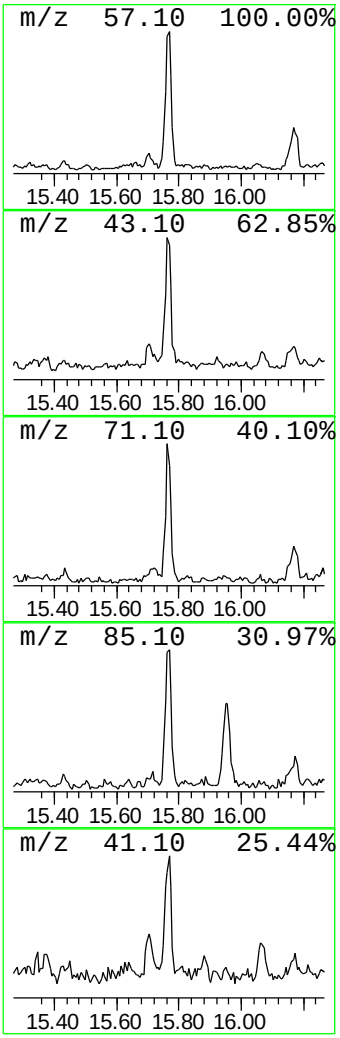
Peak Number 45 (DEL) Alkane: Straight-Chai... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.77	3.92 ng/ul	188475	Acenaphthene-d10	14.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Pentadecane, 6-methyl-	226	C16H34	010105-38-1	86
3	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	74
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	64
5	Hexadecane	226	C16H34	000544-76-3	64





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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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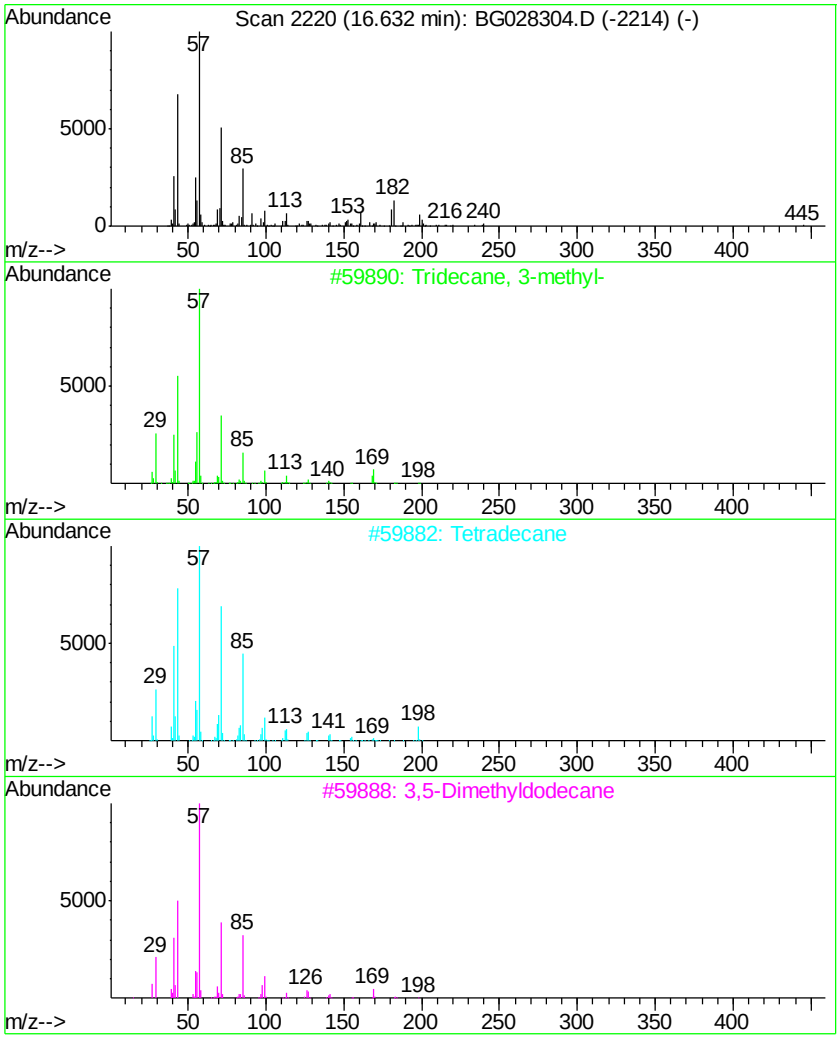
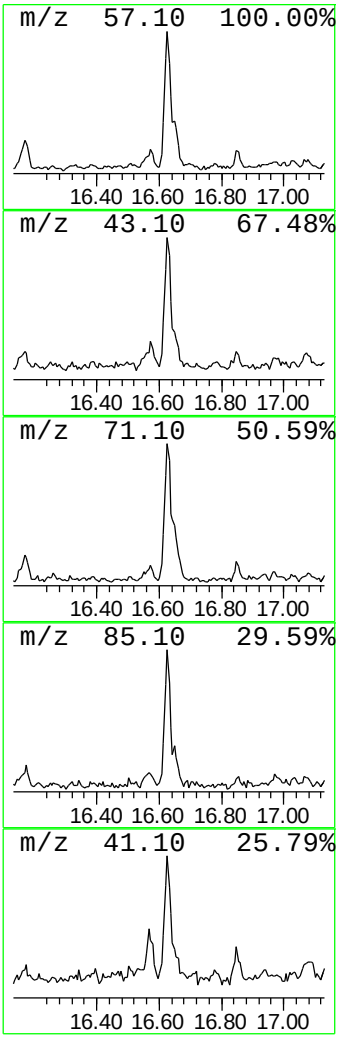
Peak Number 49 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	8.67 ng/ul	398160	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 3-methyl-	198	C14H30	006418-41-3	64
2	Tetradecane	198	C14H30	000629-59-4	58
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	58
4	Heptadecane	240	C17H36	000629-78-7	55
5	Tetradecane	198	C14H30	000629-59-4	55





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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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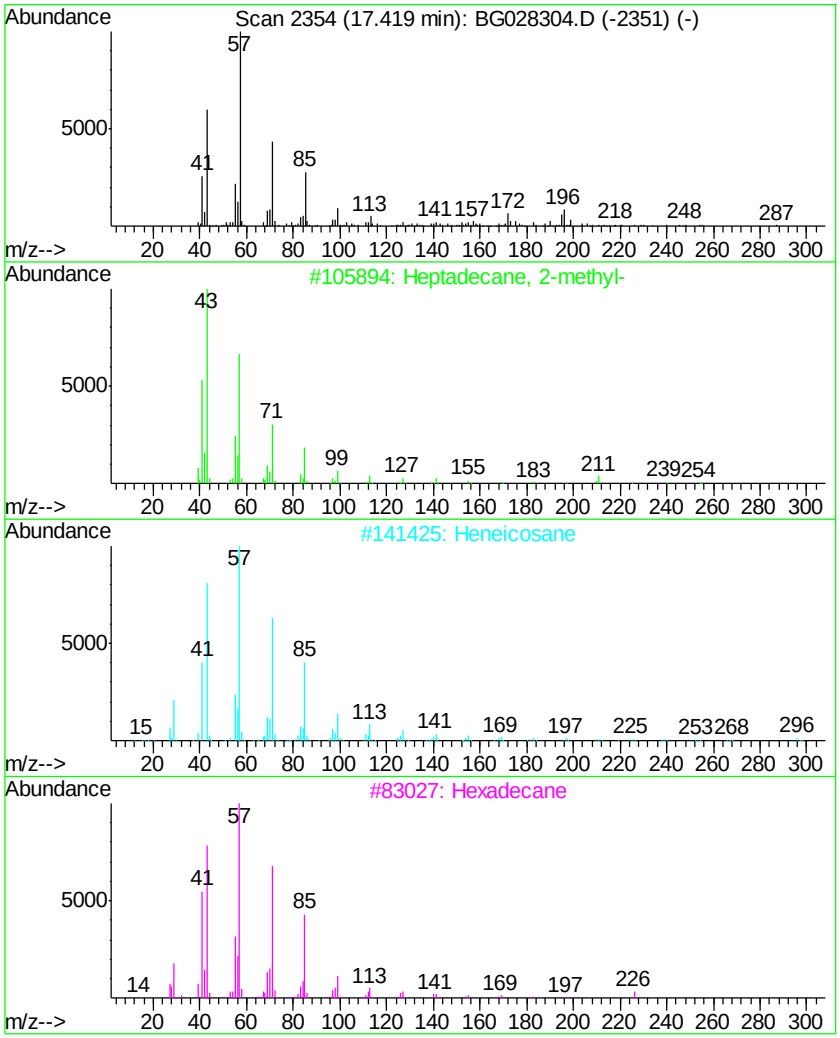
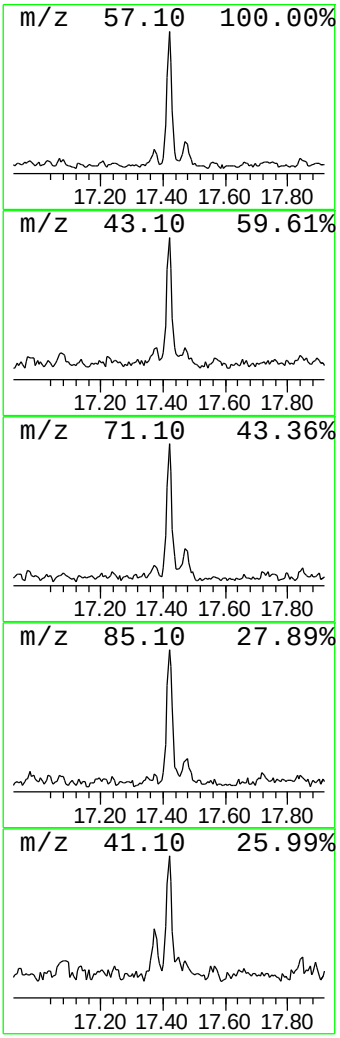
Peak Number 52 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.42	6.30 ng/ul	289109	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2-methyl-	254	C18H38	001560-89-0	64
2	Heneicosane	296	C21H44	000629-94-7	62
3	Hexadecane	226	C16H34	000544-76-3	62
4	Undecane, 3,5-dimethyl-	184	C13H28	017312-81-1	62
5	Tetradecane, 6,9-dimethyl-	226	C16H34	055045-13-1	60





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Acq On : 12 Aug 2017 00:13
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Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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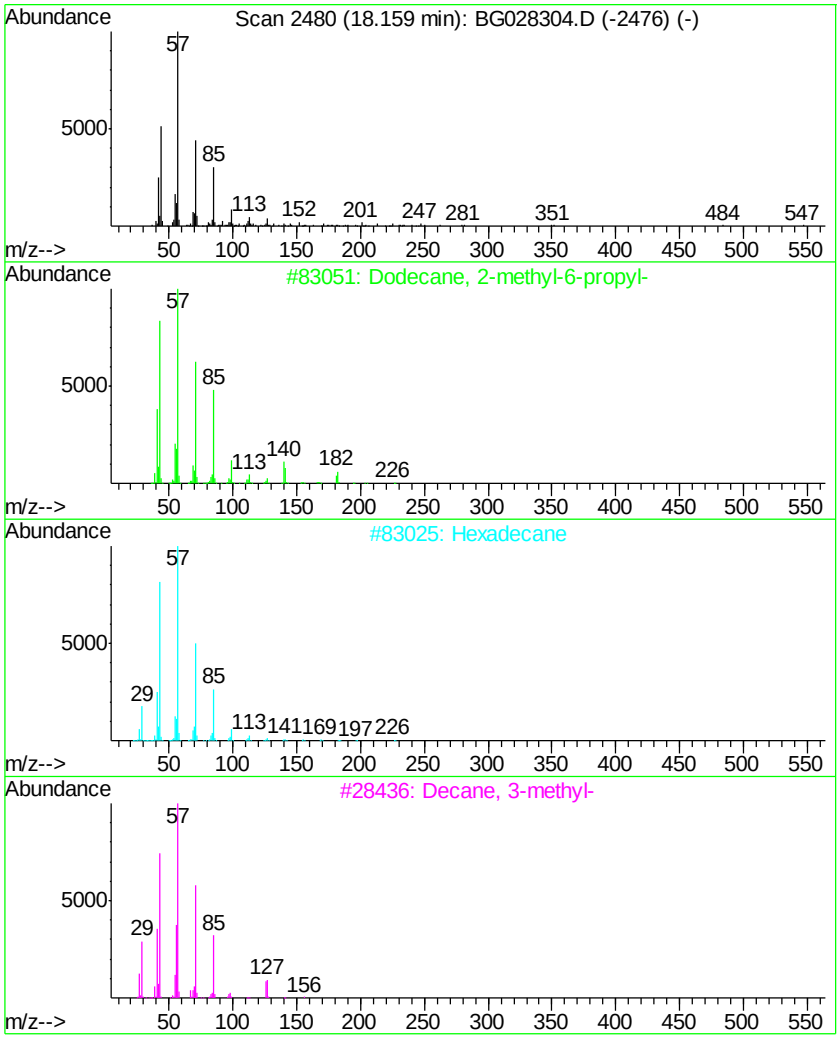
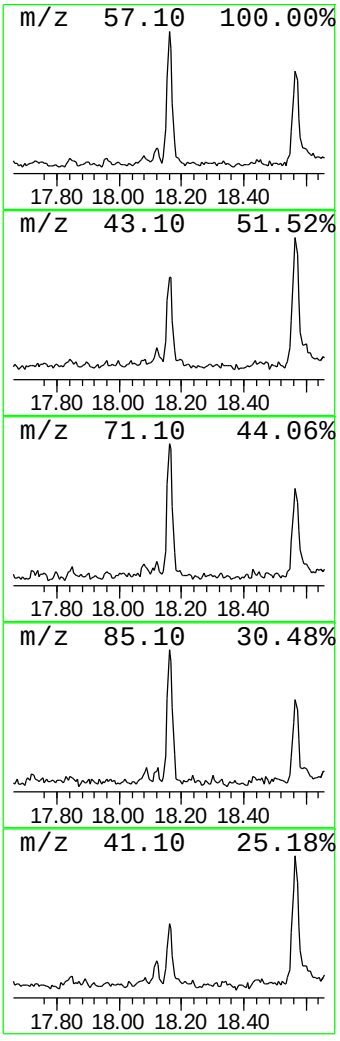
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.16	5.75 ng/ul	264022	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	72
2	Hexadecane	226	C16H34	000544-76-3	72
3	Decane, 3-methyl-	156	C11H24	013151-34-3	68
4	Tetracosane	338	C24H50	000646-31-1	64
5	Nonane, 4,5-dimethyl-	156	C11H24	017302-23-7	64





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Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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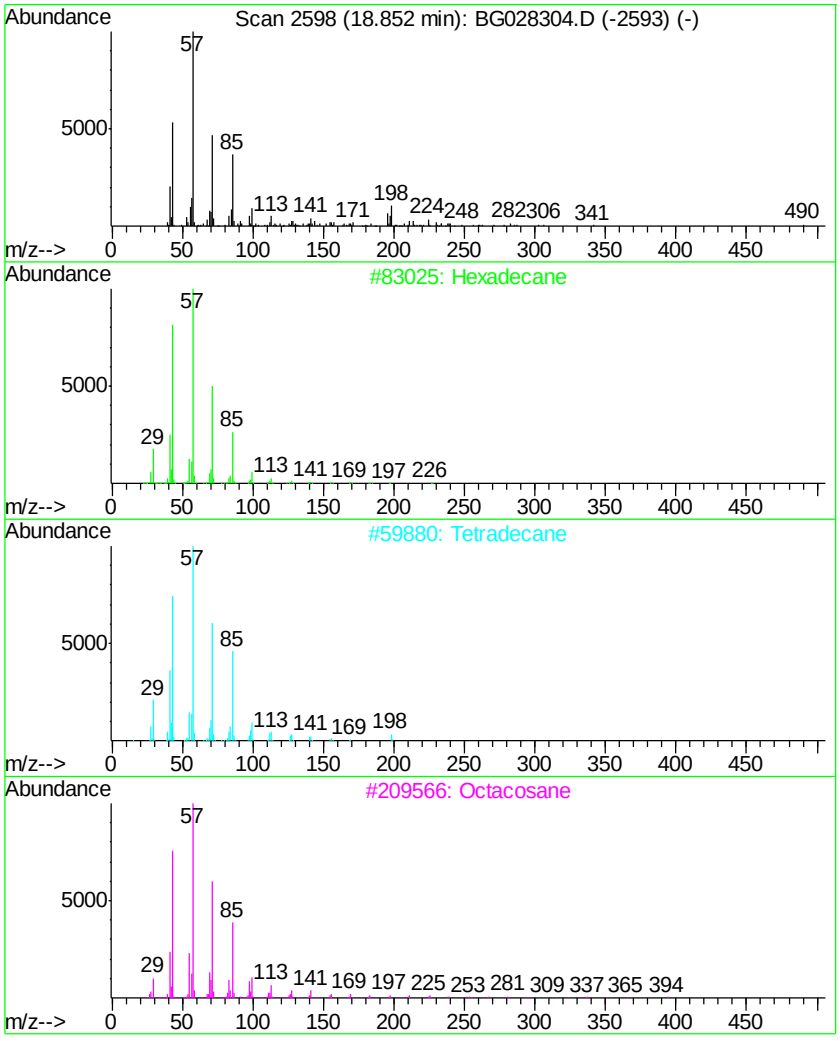
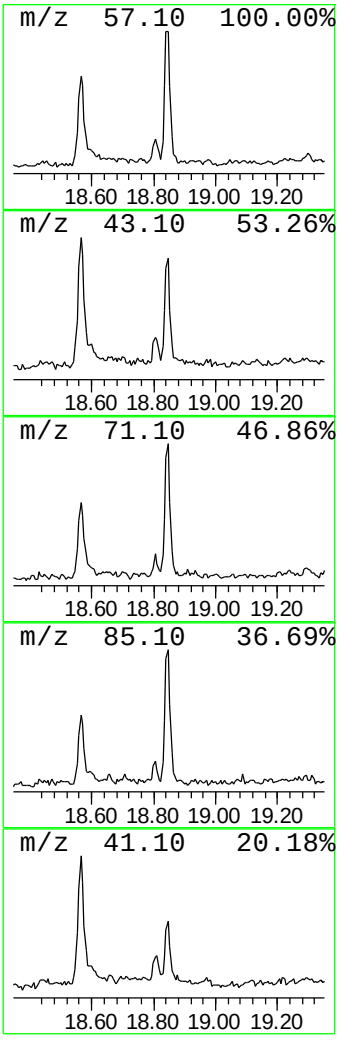
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.85	4.54 ng/ul	208423	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	93
2	Tetradecane	198	C14H30	000629-59-4	80
3	Octacosane	394	C28H58	000630-02-4	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Tetracosane	338	C24H50	000646-31-1	72





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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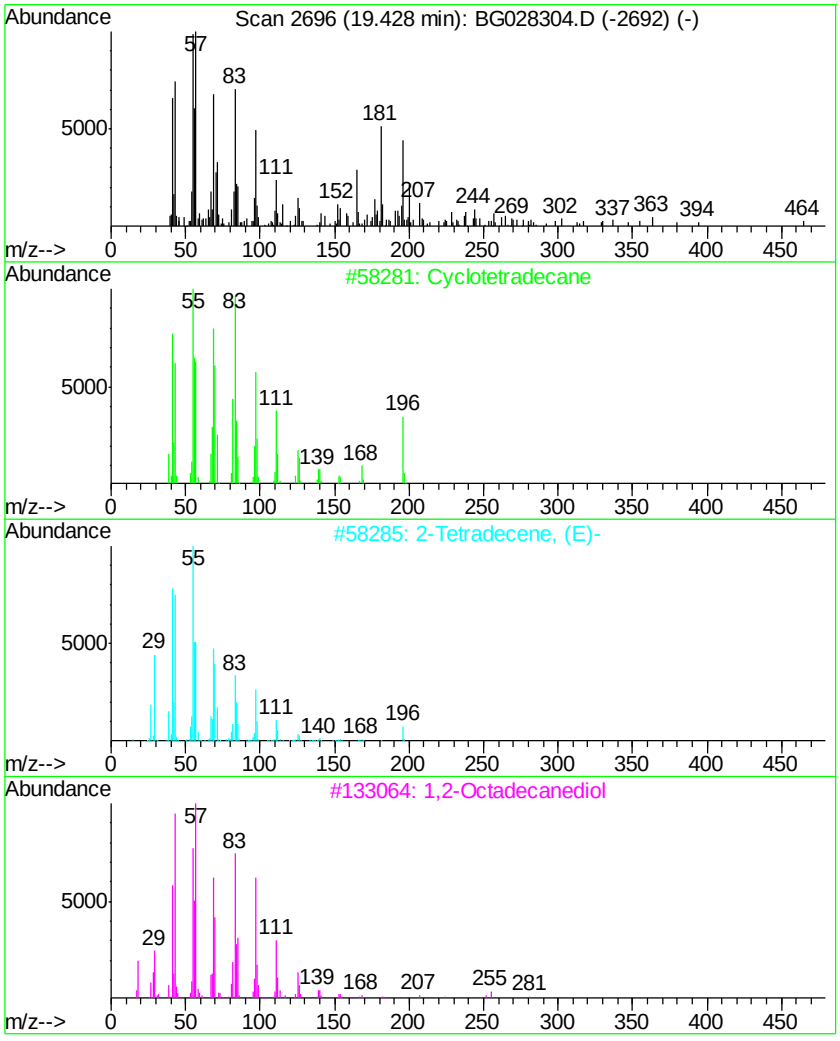
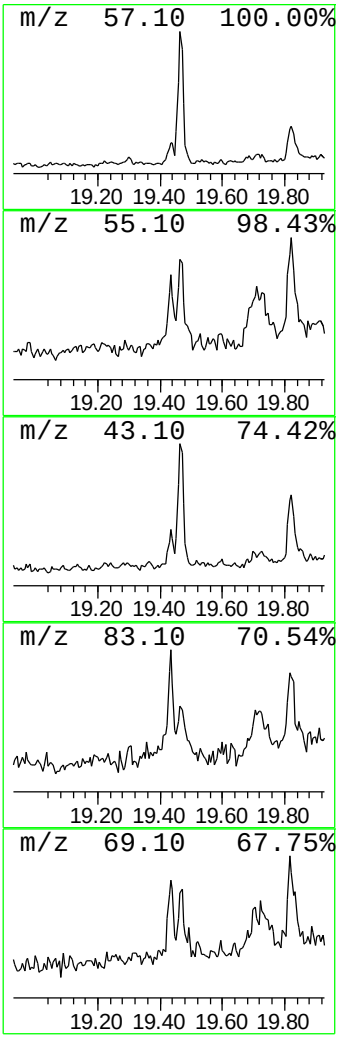
Peak Number 58 (DEL) Alkane: Cyclic19.43 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.43	2.81 ng/ul	128874	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclotetradecane	196	C14H28	000295-17-0	89
2	2-Tetradecene, (E)-	196	C14H28	035953-54-9	81
3	1,2-Octadecanediol	286	C18H38O2	020294-76-2	74
4	1-Tricosanol	340	C23H48O	003133-01-5	68
5	1-Eicosene	280	C20H40	003452-07-1	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
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Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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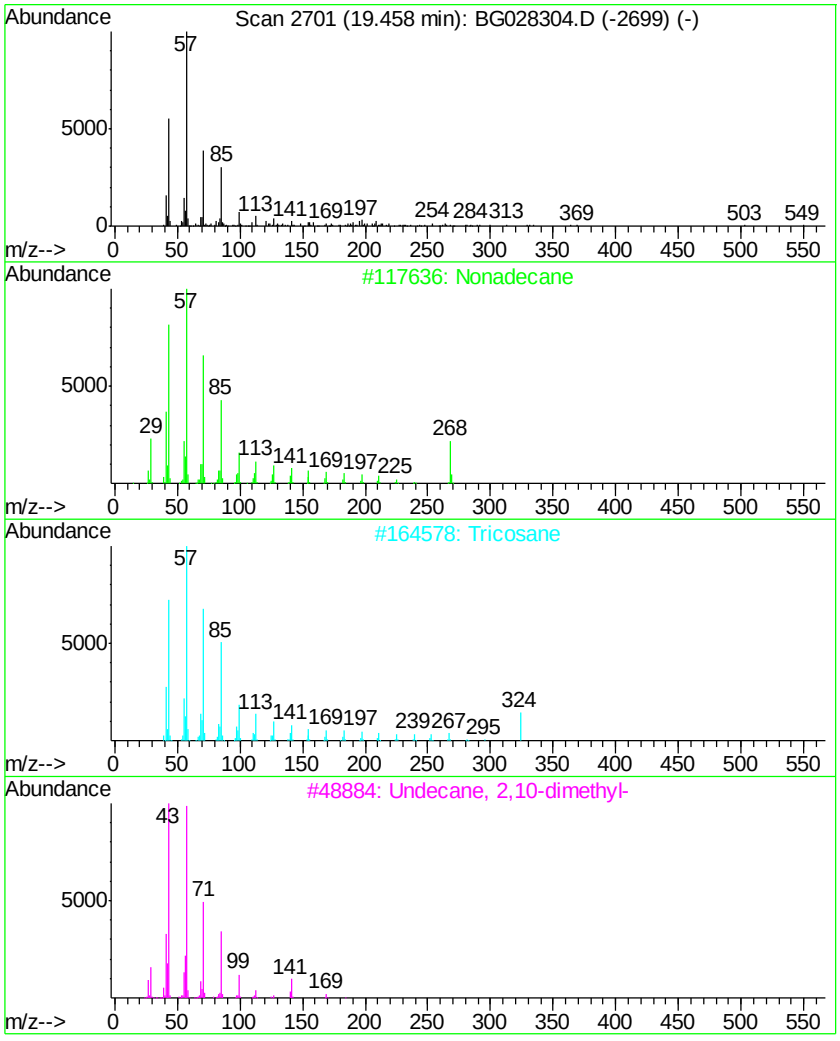
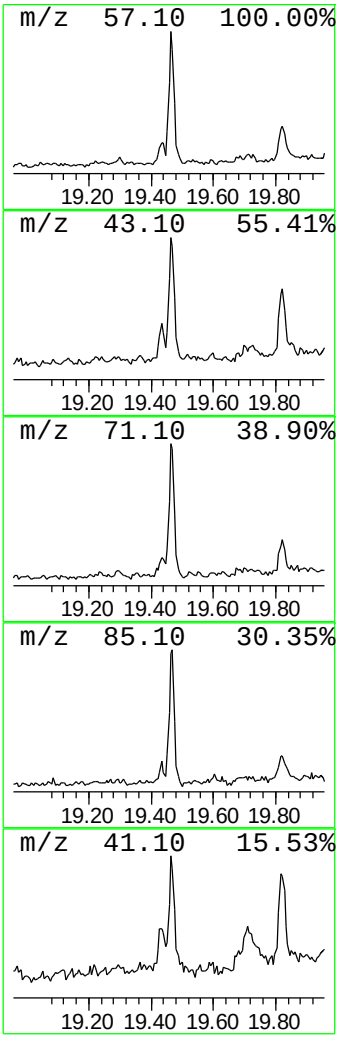
Peak Number 59 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.46	6.78 ng/ul	311354	Phenanthrene-d10	17.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	86
2	Tricosane	324	C23H48	000638-67-5	81
3	Undecane, 2,10-dimethyl-	184	C13H28	017301-27-8	80
4	Heneicosane	296	C21H44	000629-94-7	72
5	Undecane, 2,9-dimethyl-	184	C13H28	017301-26-7	72





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Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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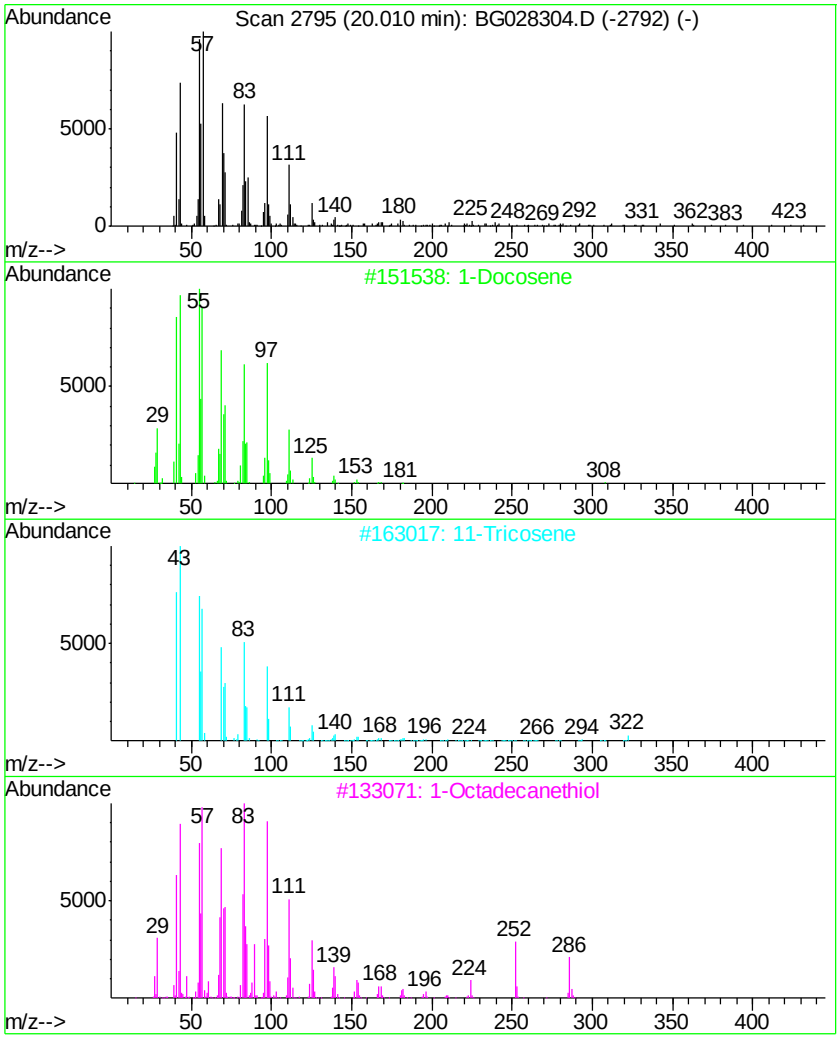
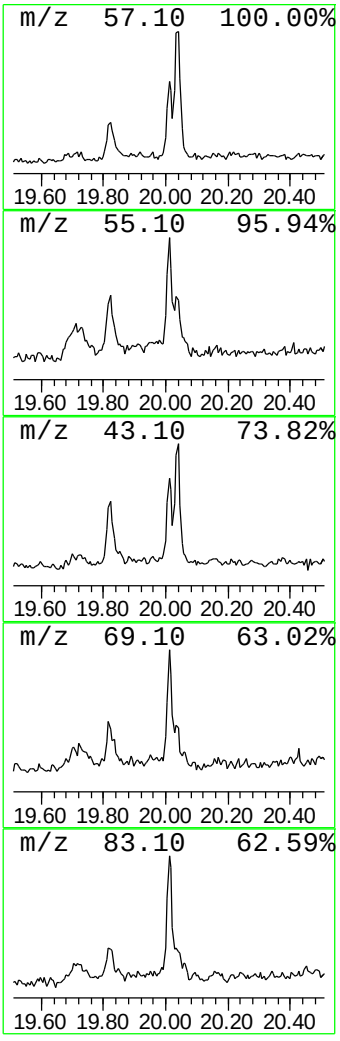
Peak Number 63 (DEL) Alkane: Cyclic20.01 Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.01	4.87 ng/ul	260872	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	11-Tricosene	322	C23H46	052078-56-5	91
3	1-Octadecanethiol	286	C18H38S	002885-00-9	91
4	n-Nonadecanol-1	284	C19H40O	001454-84-8	91
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	91





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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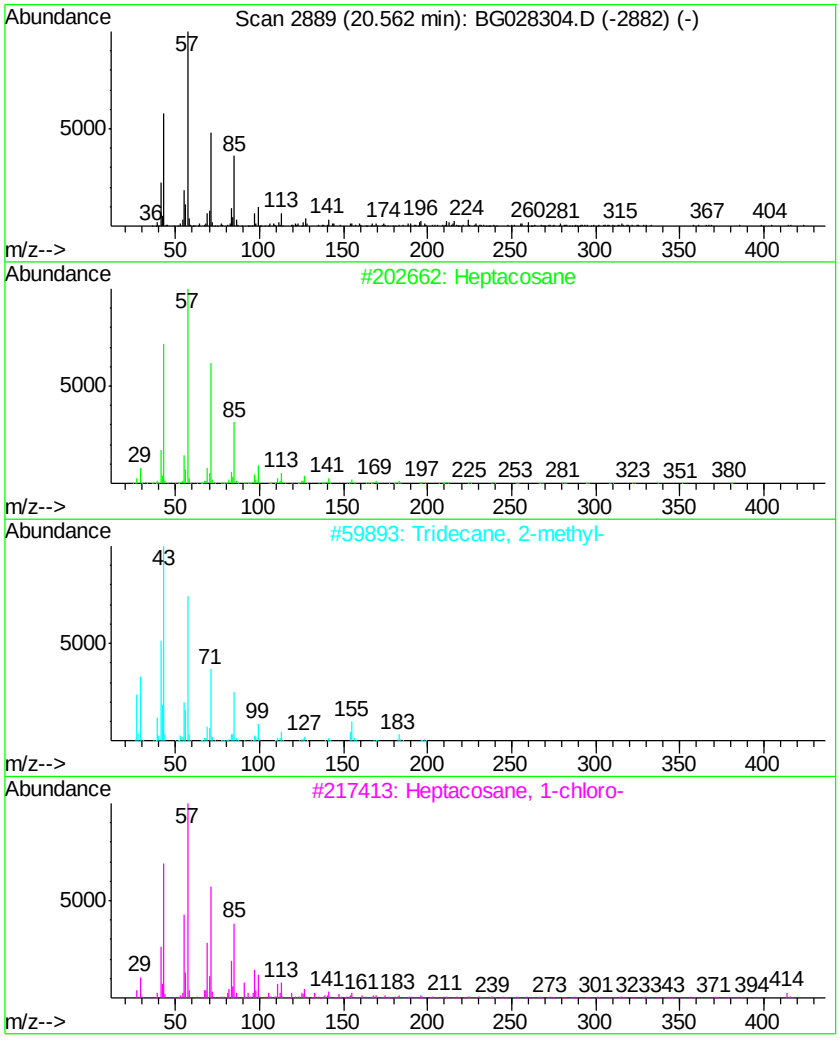
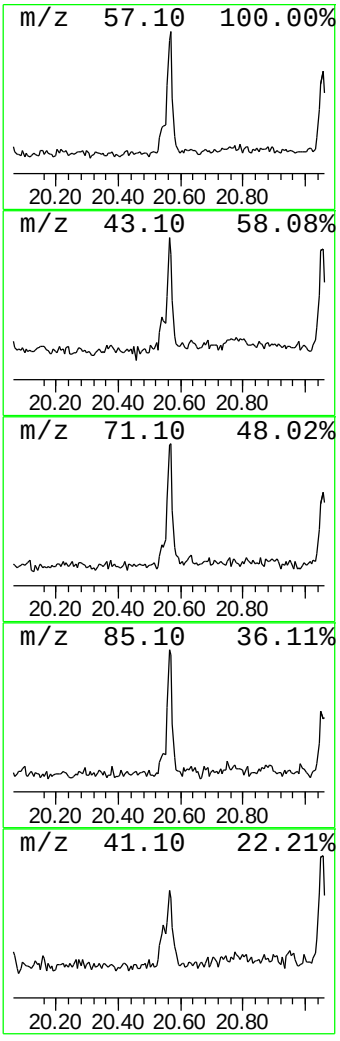
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	5.76 ng/ul	308169	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	83
2	Tridecane, 2-methyl-	198	C14H30	001560-96-9	80
3	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	80
4	Pentadecane	212	C15H32	000629-62-9	80
5	Eicosane	282	C20H42	000112-95-8	80





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ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

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Quant Title : SVOA CALIBRATION

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

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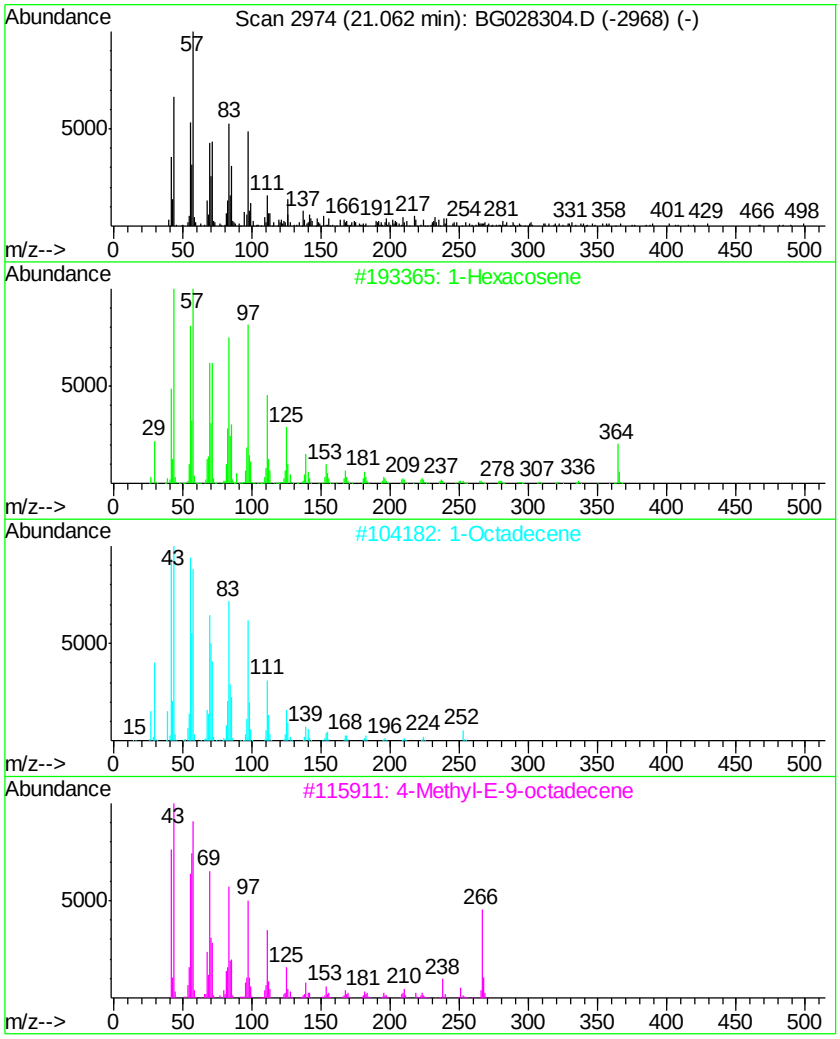
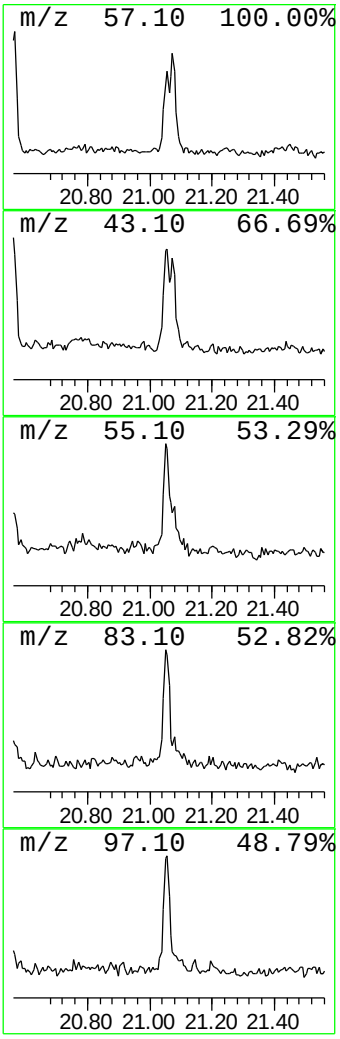
Peak Number 65 (DEL) Alkane: Cyclic21.06 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.06	10.67 ng/ul	571344	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	91
2	1-Octadecene	252	C18H36	000112-88-9	90
3	4-Methyl-E-9-octadecene	266	C19H38	1000130-87-1	90
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	87
5	Cyclooctacosane	392	C28H56	000297-24-5	87





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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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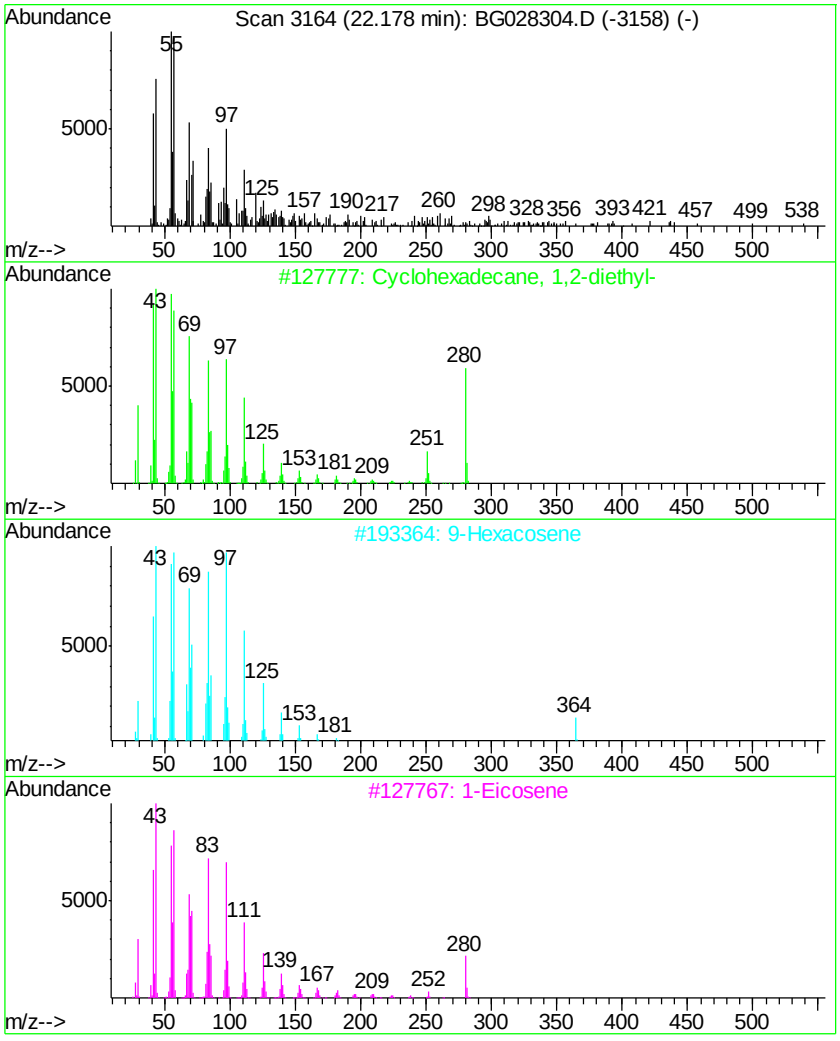
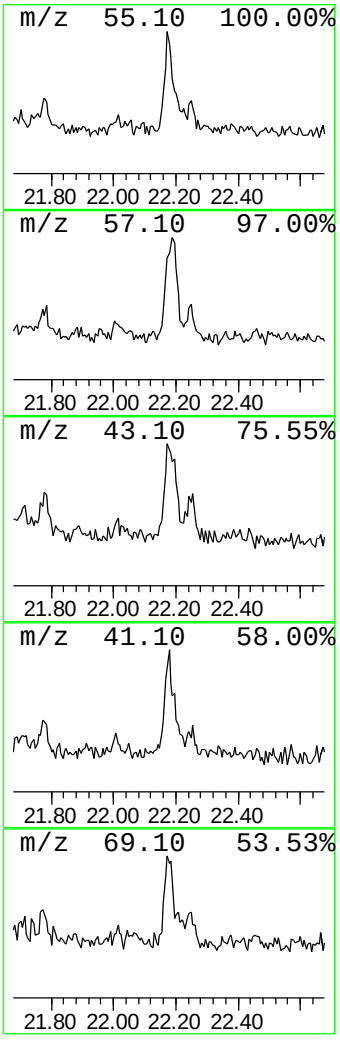
Peak Number 67 (DEL) Alkane: Cyclic22.18 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.18	8.26 ng/ul	442331	Chrysene-d12	22.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	99
2	9-Hexacosene	364	C26H52	071502-22-2	98
3	1-Eicosene	280	C20H40	003452-07-1	98
4	2,6,10,14-Tetramethyl-7-(3-methy...	348	C25H48	1000370-41-6	93
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG081117\
Data File : BG028304.D
Acq On : 12 Aug 2017 00:13
Operator : SJ/JU
Sample : I4529-20
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AC1

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.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
2-Cyclopenten-1-o...	8.63	6.3	ng/ul	120387	1	8.36	383503	20.0
unknown01	8.99	6.0	ng/ul	114880	1	8.36	383503	20.0
unknown02	9.45	7.5	ng/ul	143129	1	8.36	383503	20.0
3-Phenyl-2-propyn...	9.83	5.3	ng/ul	138017	2	11.18	523724	20.0
Benzofuran, 2-met...	9.90	8.8	ng/ul	229832	2	11.18	523724	20.0
Phenol, 2-ethyl-	10.12	4.8	ng/ul	124434	2	11.18	523724	20.0
Phenol, 2,3-dimet...	10.33	12.4	ng/ul	325316	2	11.18	523724	20.0
Phenol, 2,6-dimet...	10.36	9.2	ng/ul	240994	2	11.18	523724	20.0
Phenol, 3-ethyl-	10.60	50.1	ng/ul	1311550	2	11.18	523724	20.0
Phenol, 3,5-dimet...	11.03	9.0	ng/ul	236267	2	11.18	523724	20.0
1H-Indazole, 3,6-...	11.41	9.7	ng/ul	254228	2	11.18	523724	20.0
unknown03	11.53	8.3	ng/ul	217420	2	11.18	523724	20.0
2-Propenal, 2-met...	11.58	13.1	ng/ul	342704	2	11.18	523724	20.0
Phenol, 2-ethyl-5...	11.70	7.7	ng/ul	201845	2	11.18	523724	20.0
Phenol, 2-ethyl-6...	11.77	6.5	ng/ul	169966	2	11.18	523724	20.0
Phenol, 3-propyl-	11.98	72.1	ng/ul	1888590	2	11.18	523724	20.0
Phenol, 3,4,5-tri...	12.17	5.4	ng/ul	141090	2	11.18	523724	20.0
Phenol, 2,4,5-tri...	12.23	6.8	ng/ul	176972	2	11.18	523724	20.0
1H-Inden-1-one, 2...	12.54	9.5	ng/ul	249273	2	11.18	523724	20.0
unknown04	12.69	5.7	ng/ul	150287	2	11.18	523724	20.0
Naphthalene, 1-me...	13.02	8.1	ng/ul	212053	2	11.18	523724	20.0
unknown05	13.11	2.8	ng/ul	136596	3	14.96	960969	20.0
unknown06	13.15	4.3	ng/ul	207272	3	14.96	960969	20.0
Phenol, 2,6-dimet...	13.22	4.6	ng/ul	223168	3	14.96	960969	20.0
p-Cresol	13.31	3.7	ng/ul	175892	3	14.96	960969	20.0
unknown07	13.44	3.2	ng/ul	152021	3	14.96	960969	20.0
unknown08	13.68	5.6	ng/ul	268445	3	14.96	960969	20.0
unknown09	13.75	4.5	ng/ul	215209	3	14.96	960969	20.0
7-Methylindan-1-one	13.93	3.4	ng/ul	165173	3	14.96	960969	20.0
(DEL) Alkane: Str...	14.82	4.9	ng/ul	237493	3	14.96	960969	20.0
(DEL) Alkane: Str...	15.77	3.9	ng/ul	188475	3	14.96	960969	20.0
(DEL) Alkane: Str...	16.63	8.7	ng/ul	398160	4	17.71	918066	20.0
(DEL) Alkane: Str...	17.42	6.3	ng/ul	289109	4	17.71	918066	20.0
(DEL) Alkane: Str...	18.16	5.8	ng/ul	264022	4	17.71	918066	20.0
(DEL) Alkane: Str...	18.85	4.5	ng/ul	208423	4	17.71	918066	20.0
(DEL) Alkane: Cyc...	19.43	2.8	ng/ul	128874	4	17.71	918066	20.0
(DEL) Alkane: Str...	19.46	6.8	ng/ul	311354	4	17.71	918066	20.0
(DEL) Alkane: Cyc...	20.01	4.9	ng/ul	260872	5	22.05	1070740	20.0
(DEL) Alkane: Str...	20.56	5.8	ng/ul	308169	5	22.05	1070740	20.0
(DEL) Alkane: Cyc...	21.06	10.7	ng/ul	571344	5	22.05	1070740	20.0
(DEL) Alkane: Cyc...	22.18	8.3	ng/ul	442331	5	22.05	1070740	20.0