LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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	3.149	5	10	30	rVB	1402612	2370423	27.32%	1.383%
2	7.185	690	697	704	rVV3	285753	656037	7.56%	0.383%
3	7.556	755	760	769	rVV	279491	509068	5.87%	0.297%
4	8.742	956	962	967	rVV	332255	611584	7.05%	0.357%
5	8.807	967	973	985	rVB2	382260	814565	9.39%	0.475%
6	9.142	1021	1030	1035	rBV3	304066	669959	7.72%	0.391%
7	9.195	1035	1039	1048	rVV2	246310	547129	6.30%	0.319%
8	9.512	1088	1093	1100	rVV	263147	574630	6.62%	0.335%
9	9.583	1100	1105	1116	rVB	444351	788941	9.09%	0.460%
10	9.923	1154	1163	1170	rBV2	252975	556924	6.42%	0.325%
11	10.023	1170	1180	1182	rBV	340566	612275	7.06%	0.357%
12	10.294	1213	1226	1229	rVV4	628237	1973728	22.74%	1.152%
13	10.329	1229	1232	1246	rVV2	556477	1302974	15.01%	0.760%
14	10.476	1252	1257	1266	rVV2	488715	1021806	11.77%	0.596%
15	10.711	1287	1297	1302	rBV4	361812	910416	10.49%	0.531%
16	10.840	1313	1319	1326	rBV2	374275	910762	10.50%	0.531%
17	10.905	1326	1330	1337	rVB	483737	842999	9.71%	0.492%
18	10.999	1337	1346	1351	rBV2	316808	762595	8.79%	0.445%
19	11.104	1359	1364	1378	rVB3	498843	1604594	18.49%	0.936%
20	11.228	1378	1385	1388	rBV3	571366	1079242	12.44%	0.630%
21	11.269	1388	1392	1399	rVV	959389	1752563	20.20%	1.022%
22	11.692	1457	1464	1472	rVV2	1411398	2666627	30.73%	1.556%
23	11.886	1492	1497	1501	rVV4	313003	592467	6.83%	0.346%
24	11.939	1501	1506	1514	rVV5	392449	1105156	12.74%	0.645%
25	12.027	1514	1521	1525	rVV2	479130	1106615	12.75%	0.646%
26	12.074	1526	1529	1539	rVB3	420684	910350	10.49%	0.531%
27	12.174	1541	1546	1554	rBV5	272944	685055	7.89%	0.400%
28	12.279	1561	1564	1569	rVB	399299	596461	6.87%	0.348%
29	12.409	1581	1586	1594	rVV3	304400	808714	9.32%	0.472%
30	12.520	1599	1605	1609	rBV	1113765	1915901	22.08%	1.118%
31	12.573	1609	1614	1618	rBV2	622424	873269	10.06%	0.509%
32	12.738	1638	1642	1653	rVB	868872	1456679	16.79%	0.850%
33	12.843	1654	1660	1664	rBV2	558004	1019322	11.75%	0.595%
34	12.890	1664	1668	1672	rBV3	430334	736297	8.48%	0.430%

LSC Area Percent Report

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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

35	12.955	1672	1679	1688	rVB3	875536	1896055	21.85%	1.106%
36	13.108	1700	1705	1709	rBV5	371109	606948	6.99%	0.354%
37	13.184	1714	1718	1725	rVB2	463102	955442	11.01%	0.557%
38	13.296	1732	1737	1746	rVB4	294442	683100	7.87%	0.399%
39	13.425	1747	1759	1764	rBV6	736011	1773398	20.44%	1.035%
40	13.484	1764	1769	1772	rBV4	356643	636014	7.33%	0.371%
41	13.519	1772	1775	1779	rVB3	789534	1037963	11.96%	0.606%
42	13.660	1790	1799	1800	rBV4	331343	693363	7.99%	0.405%
43	13.748	1811	1814	1820	rVB4	315663	587672	6.77%	0.343%
44	13.872	1825	1835	1848	rVB4	805753	2889604	33.30%	1.686%
45	14.019	1854	1860	1862	rBV2	856612	1505920	17.35%	0.879%
46	14.054	1862	1866	1872	rVV3	1976868	3864386	44.53%	2.255%
47	14.107	1872	1875	1881	rVB2	412995	562307	6.48%	0.328%
48	14.171	1883	1886	1893	rVB6	478549	1082571	12.48%	0.632%
49	14.248	1894	1899	1902	rBV3	564596	1030808	11.88%	0.601%
50	14.389	1919	1923	1932	rVB3	804230	1833080	21.12%	1.069%
51	14.518	1940	1945	1949	rBV4	575743	1047705	12.07%	0.611%
52	14.588	1953	1957	1961	rVV4	668978	1018662	11.74%	0.594%
53	14.694	1967	1975	1979	rBV5	737416	1514138	17.45%	0.883%
54	14.859	1997	2003	2007	rBV	2660931	4241774	48.88%	2.475%
55	14.900	2008	2010	2014	rVB2	627655	664815	7.66%	0.388%
56	15.047	2032	2035	2038	rVV2	459633	634377	7.31%	0.370%
57	15.088	2038	2042	2048	rVV2	1114523	1884082	21.71%	1.099%
58	15.170	2052	2056	2062	rVB5	884336	1476553	17.02%	0.861%
59	15.370	2086	2090	2096	rBV6	479853	887696	10.23%	0.518%
60	15.476	2103	2108	2113	rVB6	829951	1723358	19.86%	1.005%
61	15.546	2116	2120	2123	rVV2	836105	1178716	13.58%	0.688%
62	15.581	2123	2126	2131	rVB4	828588	1176883	13.56%	0.687%
63	15.652	2131	2138	2141	rBV	3331905	5333728	61.46%	3.112%
64	15.693	2141	2145	2149	rVV	1088685	1563448	18.02%	0.912%
65	15.740	2149	2153	2161	rVB2	1090323	1841680	21.22%	1.074%
66	15.834	2165	2169	2172	rBV3	453887	608770	7.02%	0.355%
67	15.905	2177	2181	2186	rVB6	540476	973142	11.21%	0.568%
68	15.957	2186	2190	2197	rBV7	662755	1429432	16.47%	0.834%
69	16.034	2198	2203	2208	rVB3	723270	1287665	14.84%	0.751%
70	16.145	2218	2222	2225	rBV3	514985	913743	10.53%	0.533%
71	16.187	2226	2229	2236	rVB4	806013	1476069	17.01%	0.861%

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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Title : SVOA CALIBRATION

72	16.357	2254	2258	2263	rVB2	782574	1224529	14.11%	0.714%
73	16.410	2263	2267	2273	rVB3	1134140	1700253	19.59%	0.992%
74	16.486	2274	2280	2285	rBV3	1300255	2098024	24.18%	1.224%
75	16.639	2302	2306	2312	rBV4	681700	1168972	13.47%	0.682%
76	16.757	2318	2326	2331	rBV2	2040293	3811095	43.92%	2.223%
77	16.809	2331	2335	2340	rVB4	796641	1309311	15.09%	0.764%
78	17.009	2365	2369	2375	rVB	1514456	2885588	33.25%	1.684%
79	17.156	2391	2394	2396	rBV3	461344	590991	6.81%	0.345%
80	17.203	2399	2402	2405	rVB	1237517	1538765	17.73%	0.898%
81	17.303	2416	2419	2424	rVB	1101364	1535510	17.69%	0.896%
82	17.456	2442	2445	2449	rVB3	690107	914568	10.54%	0.534%
83	17.550	2457	2461	2465	rBV2	1243605	1856670	21.40%	1.083%
84	17.650	2472	2478	2483	rVB3	1466195	2851964	32.86%	1.664%
85	17.949	2525	2529	2535	rBV4	1340786	2114952	24.37%	1.234%
86	18.372	2597	2601	2610	rVB3	2003303	3570138	41.14%	2.083%
87	18.525	2624	2627	2631	rBV3	602347	1154088	13.30%	0.673%
88	18.637	2642	2646	2650	rBV	1202074	1457789	16.80%	0.851%
89	19.236	2745	2748	2749	rBV	676570	770122	8.87%	0.449%
90	19.265	2750	2753	2759	rVB3	1937734	2772952	31.95%	1.618%
91	19.512	2792	2795	2803	rVB2	1097612	1914723	22.06%	1.117%
92	19.818	2843	2847	2849	rBV	3453808	4580757	52.79%	2.673%
93	19.841	2849	2851	2864	rVB4	4011076	6506959	74.98%	3.796%
94	20.346	2934	2937	2938	rBV2	813297	891135	10.27%	0.520%
95	20.370	2938	2941	2947	rVB2	1849869	2528185	29.13%	1.475%
96	20.852	3019	3023	3034	rVB3	3950257	8677845	100.00%	5.063%
97	21.381	3108	3113	3121	rVB	5600083	8016441	92.38%	4.677%
98	22.591	3313	3319	3323	rBV2	3024309	5532452	63.75%	3.228%
99	25.711	3845	3850	3859	rVB2	880075	2263636	26.09%	1.321%
100	26.339	3949	3957	3966	rVB2	1776135	5301908	61.10%	3.093%

Sum of corrected areas: 171401516

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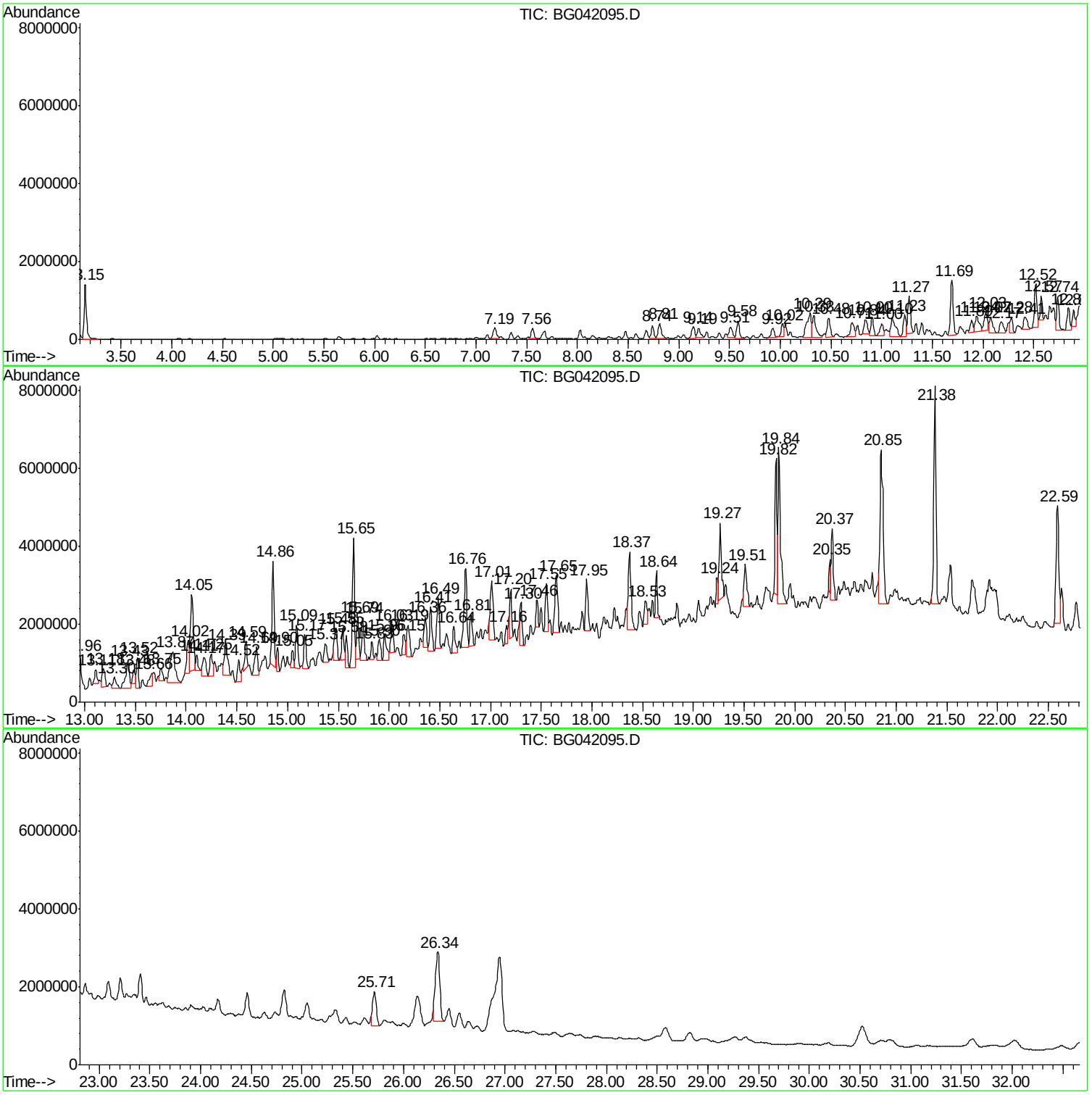
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

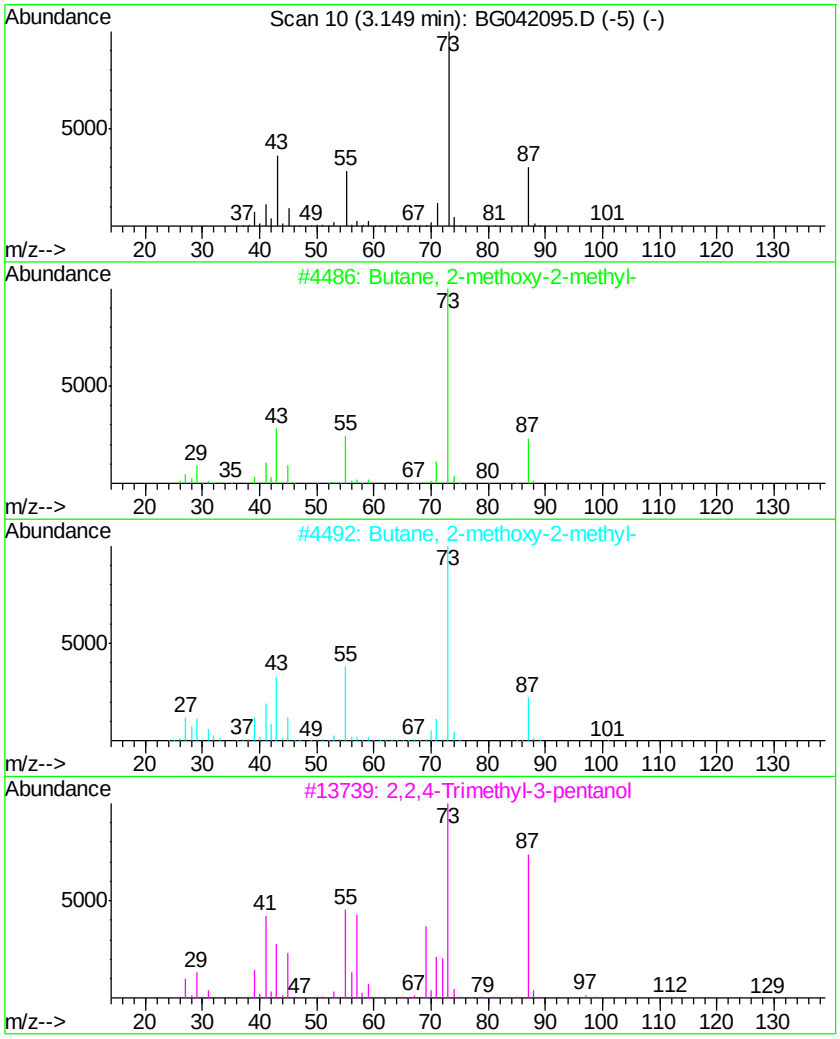
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

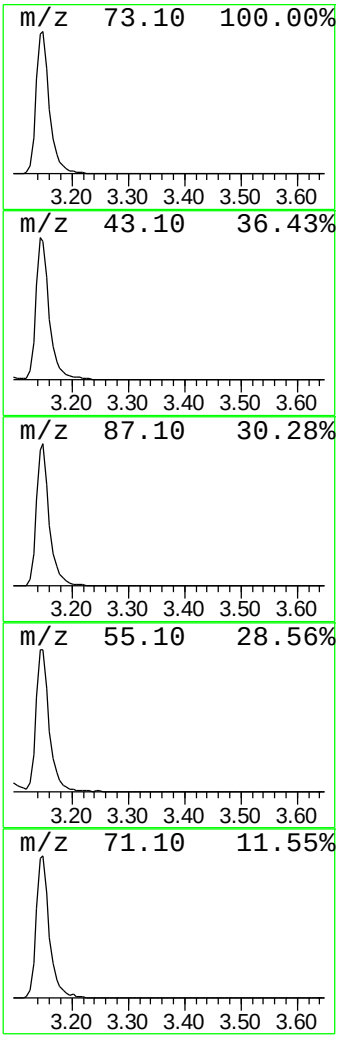
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	93.13 ng/ul	2370420	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	22
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Library Search Compound Report

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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

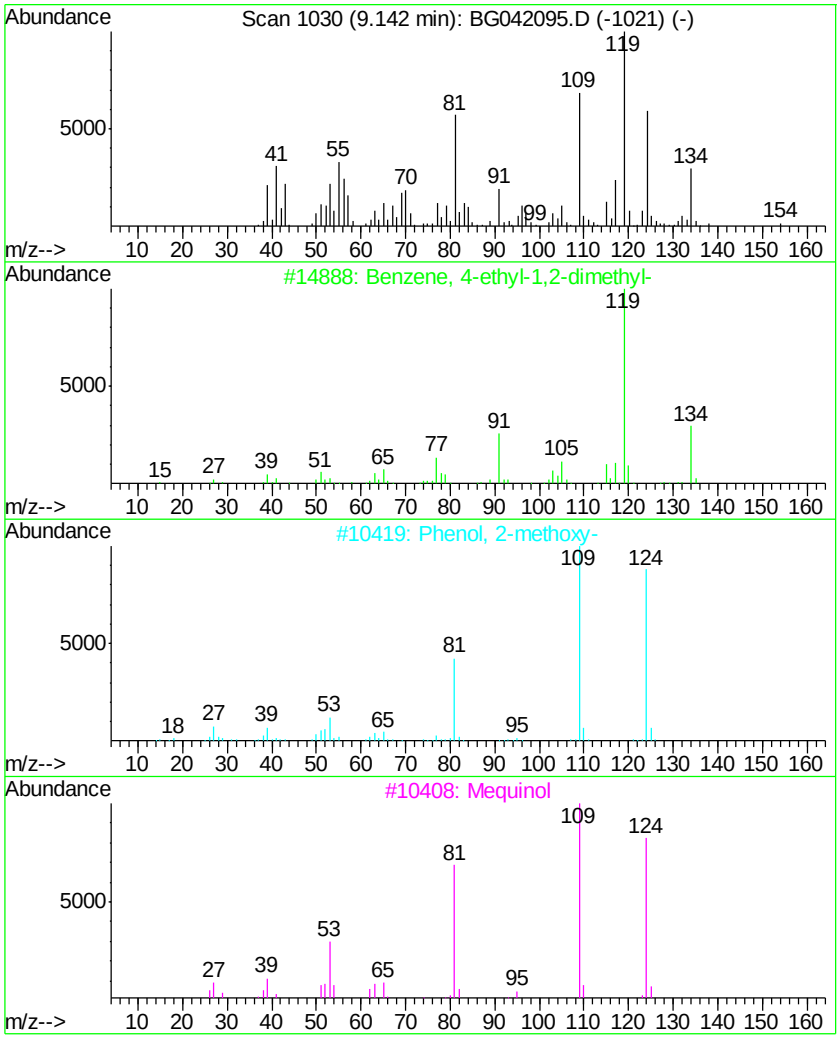
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

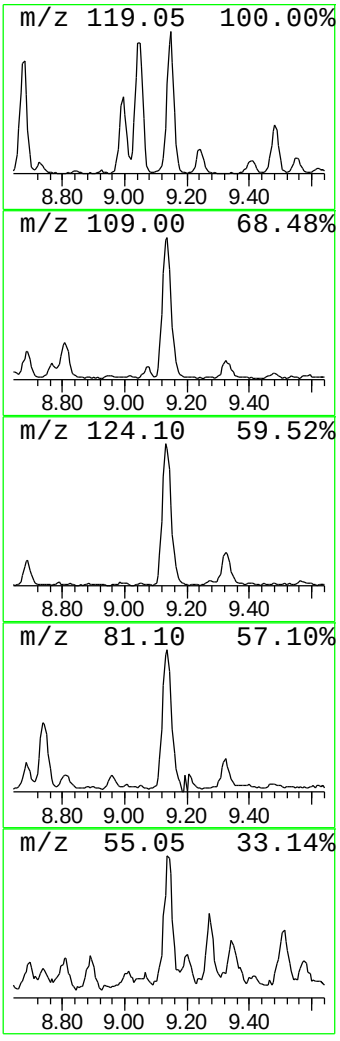
****

Peak Number 2 Benzene, 4-ethyl-1,2-dimethyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.14	26.32 ng/ul	669959	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	80
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	74
3	Mequinol	124	C7H8O2	000150-76-5	70
4	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	49
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	49





Library Search Compound Report

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Misc :
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Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

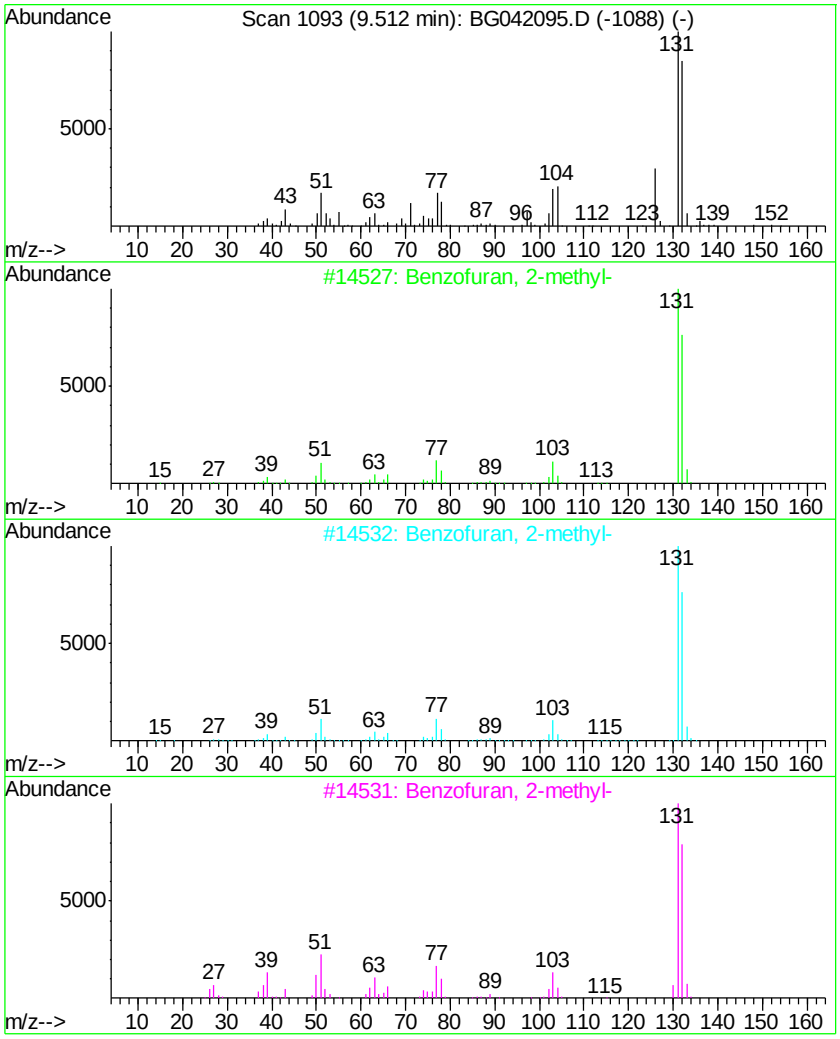
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

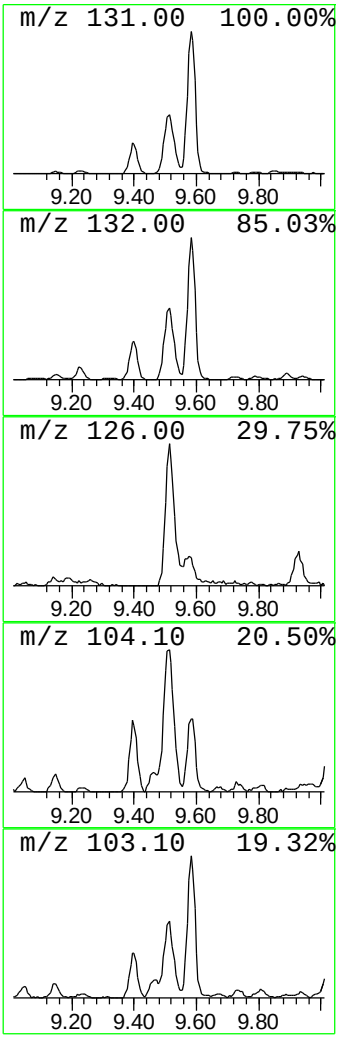
****

Peak Number 3 Benzofuran, 2-methyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	12.62 ng/ul	574630	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	87
4	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	80
5	Benzopyrimidine, 3,4-dihydro-	132	C8H8N2	001904-64-9	74





Library Search Compound Report

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Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

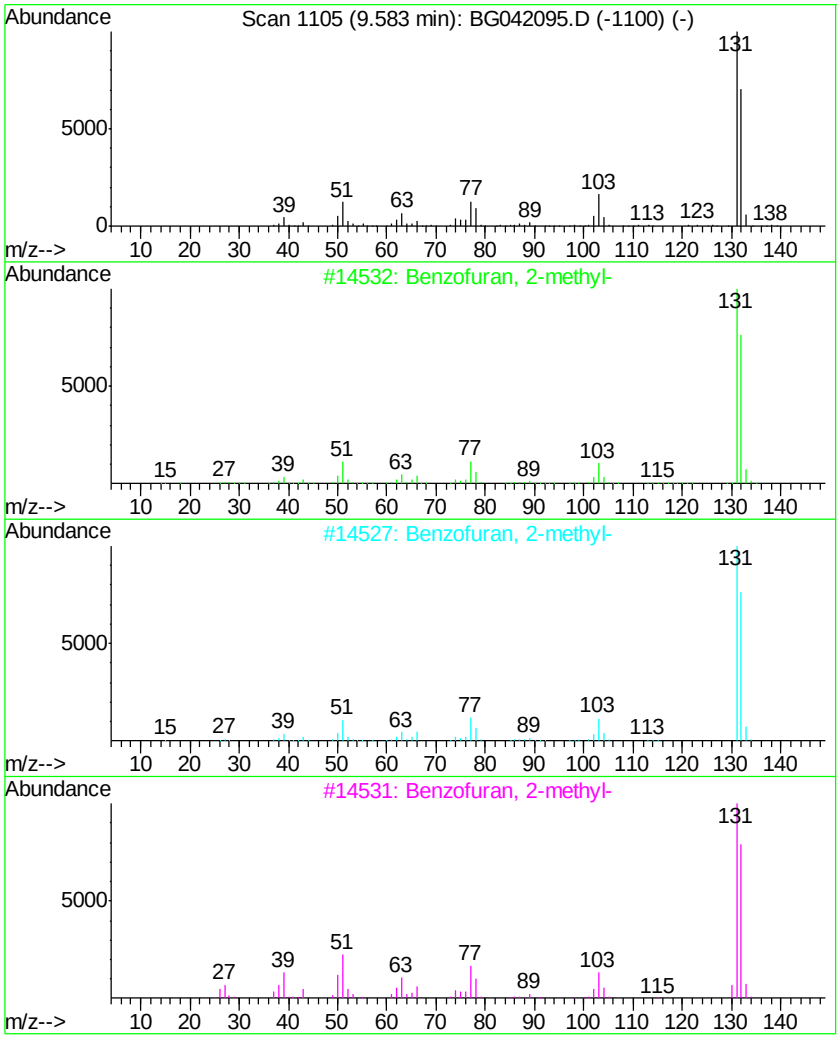
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

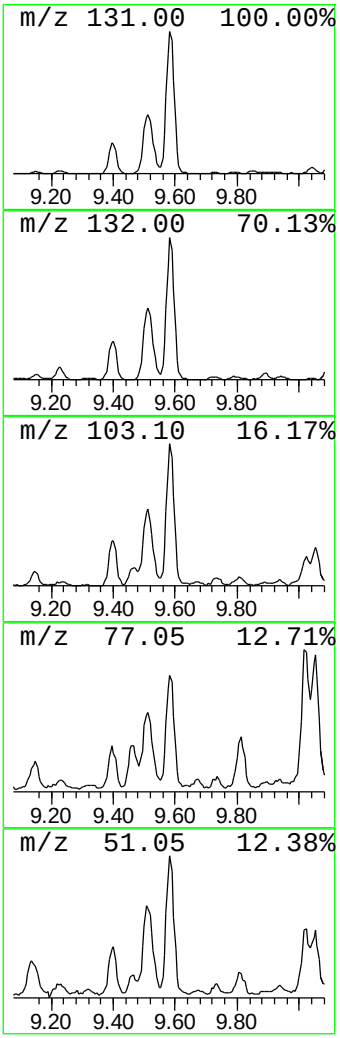
****

Peak Number 4 2-Propenal, 3-phenyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.58	17.32 ng/ul	788941	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
2	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	94
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	91
4	2-Propenal, 3-phenyl-	132	C9H8O	000104-55-2	91
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

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Data File : BG042095.D
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Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

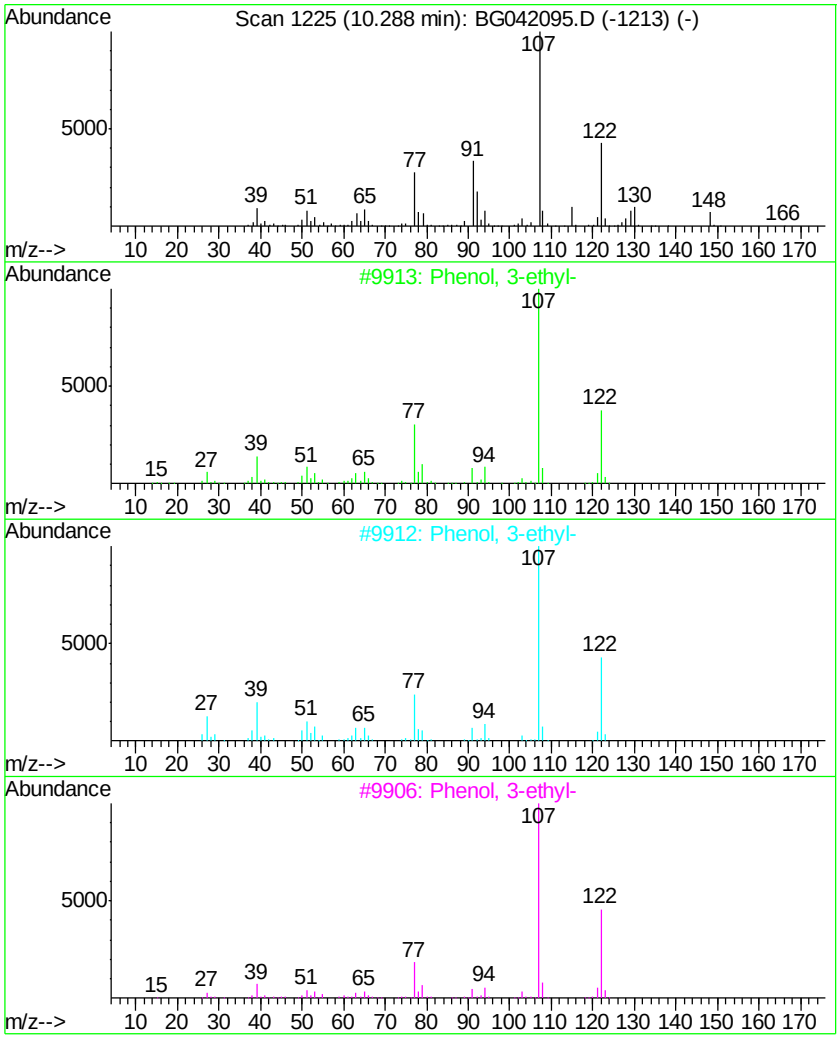
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

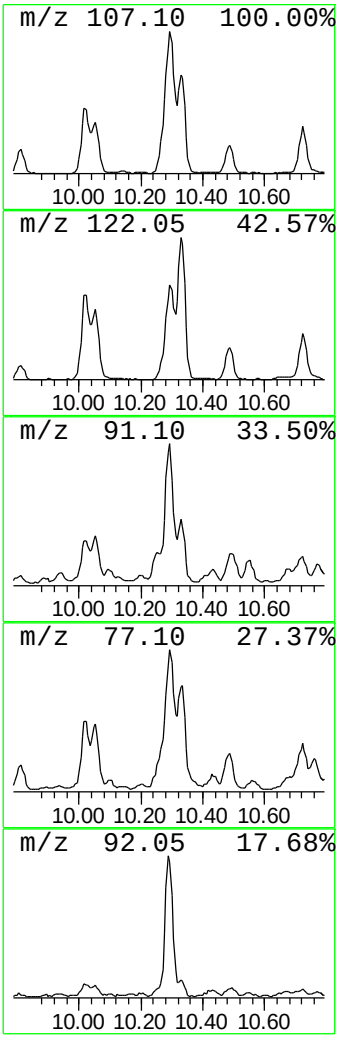
****

Peak Number 5 Phenol, 3-ethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	43.34 ng/ul	1973730	Naphthalene-d8	10.85

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	83
5	Phenol, 4-ethyl-	122	C8H10O	000123-07-9	83





Library Search Compound Report

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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
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Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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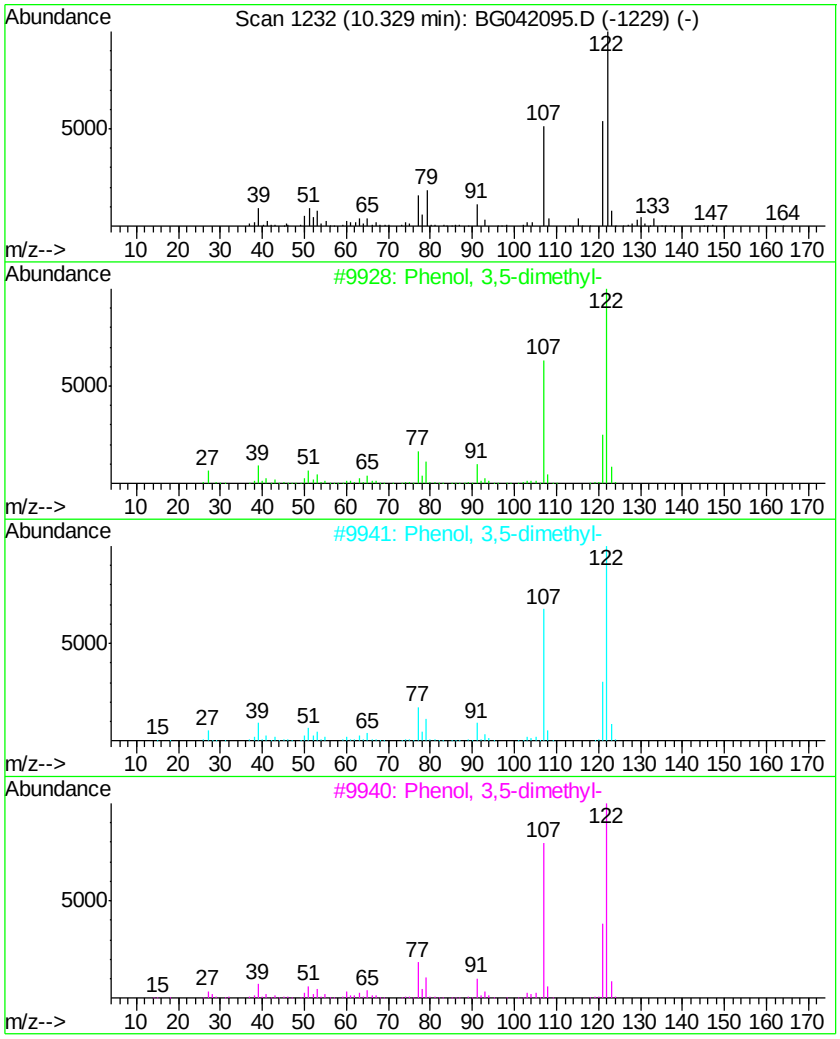
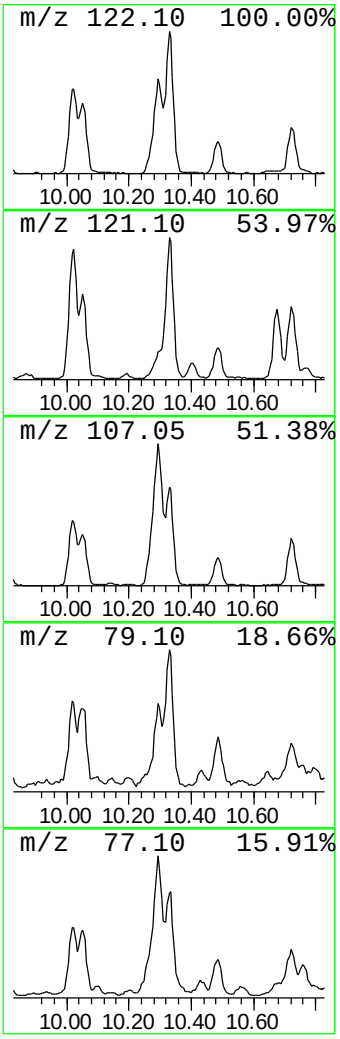
Peak Number 6 Phenol, 3,5-dimethyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.33	28.61 ng/ul	1302970	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	90
2	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	87
3	Phenol, 3,5-dimethyl-	122	C8H10O	000108-68-9	86
4	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	80
5	Phenol, 2,4-dimethyl-	122	C8H10O	000105-67-9	80





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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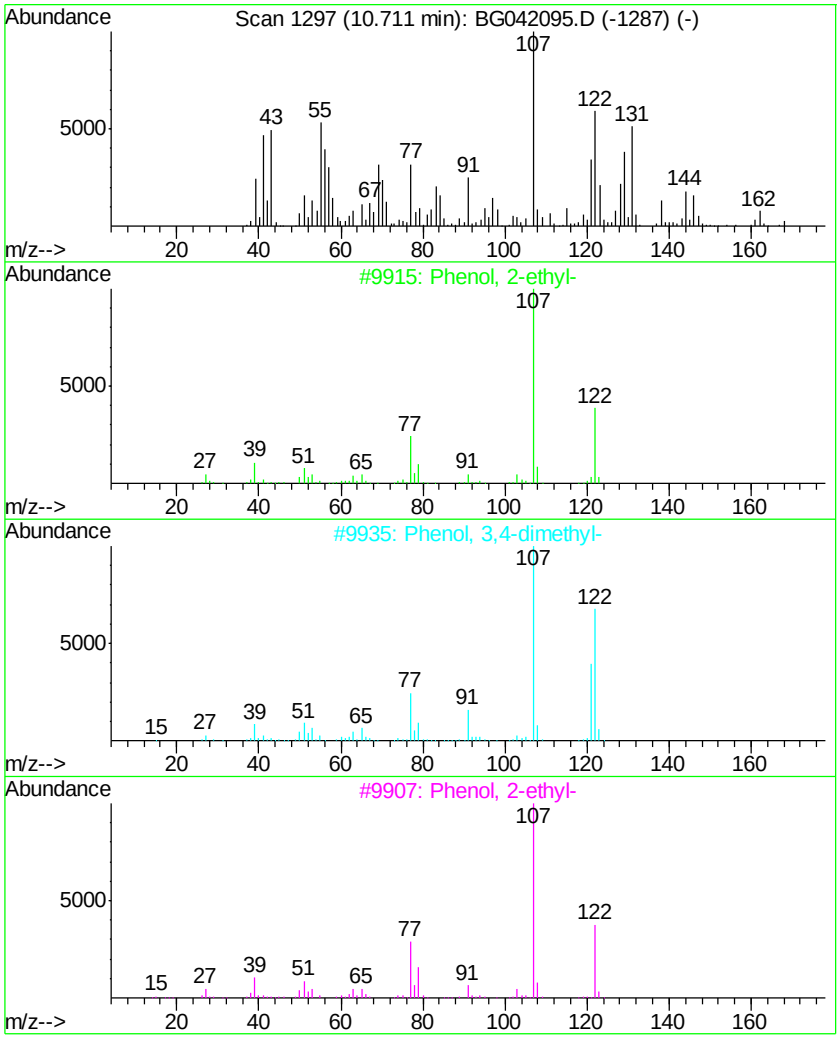
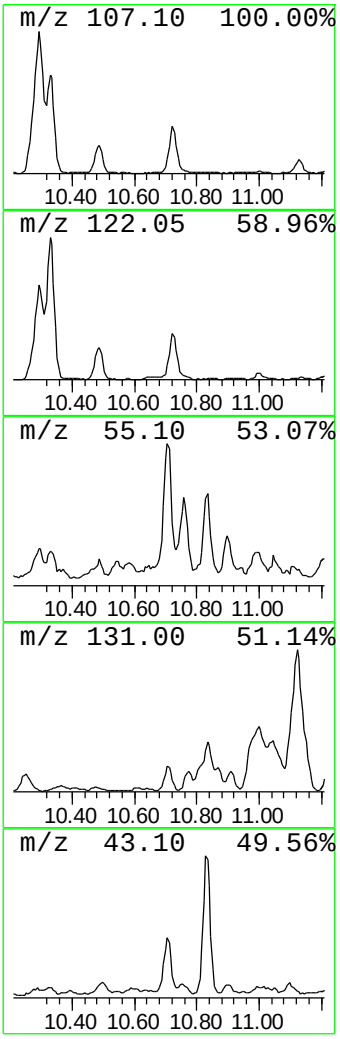
Peak Number 7 unknown-01 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	19.99 ng/ul	910416	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	42
2	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	42
3	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	38
4	Phenol, 2-ethyl-	122	C8H10O	000090-00-6	38
5	Phenol, 3,4-dimethyl-	122	C8H10O	000095-65-8	38





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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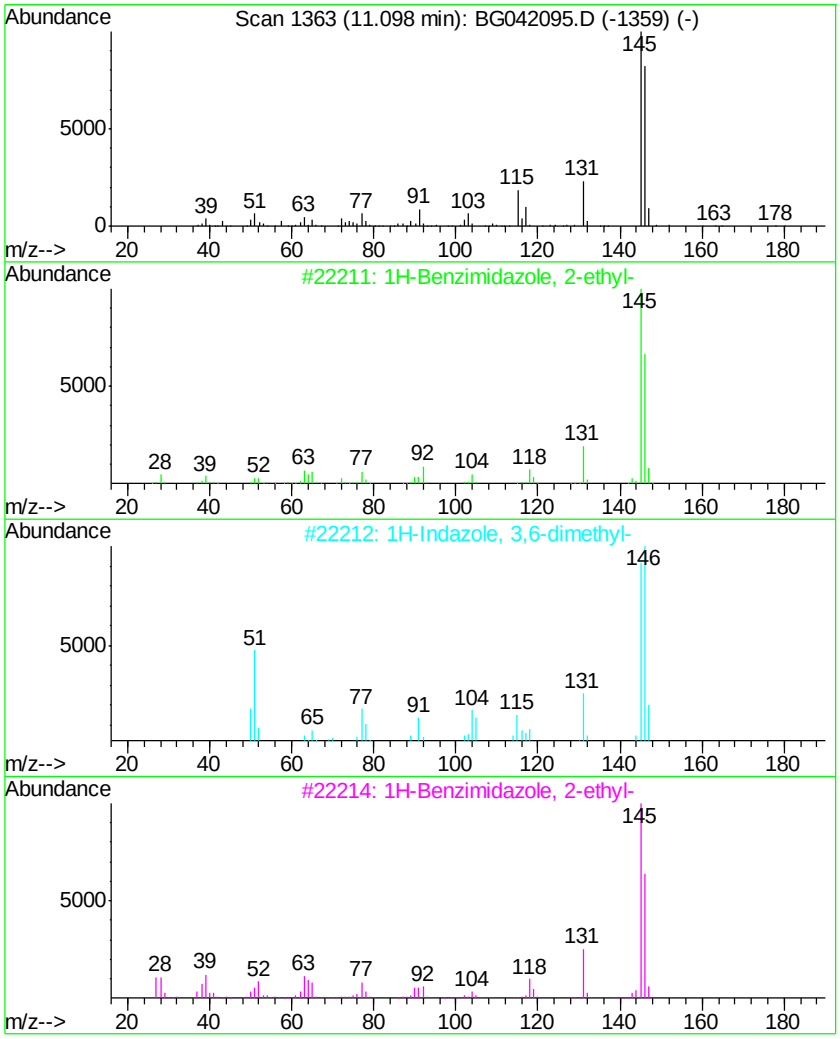
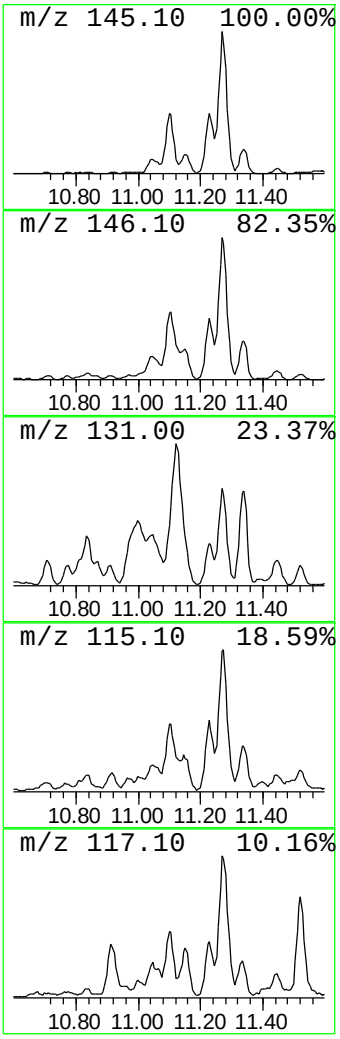
Peak Number 8 1H-Benzimidazole, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	35.24 ng/ul	1604590	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	64
3	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	58





Library Search Compound Report

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Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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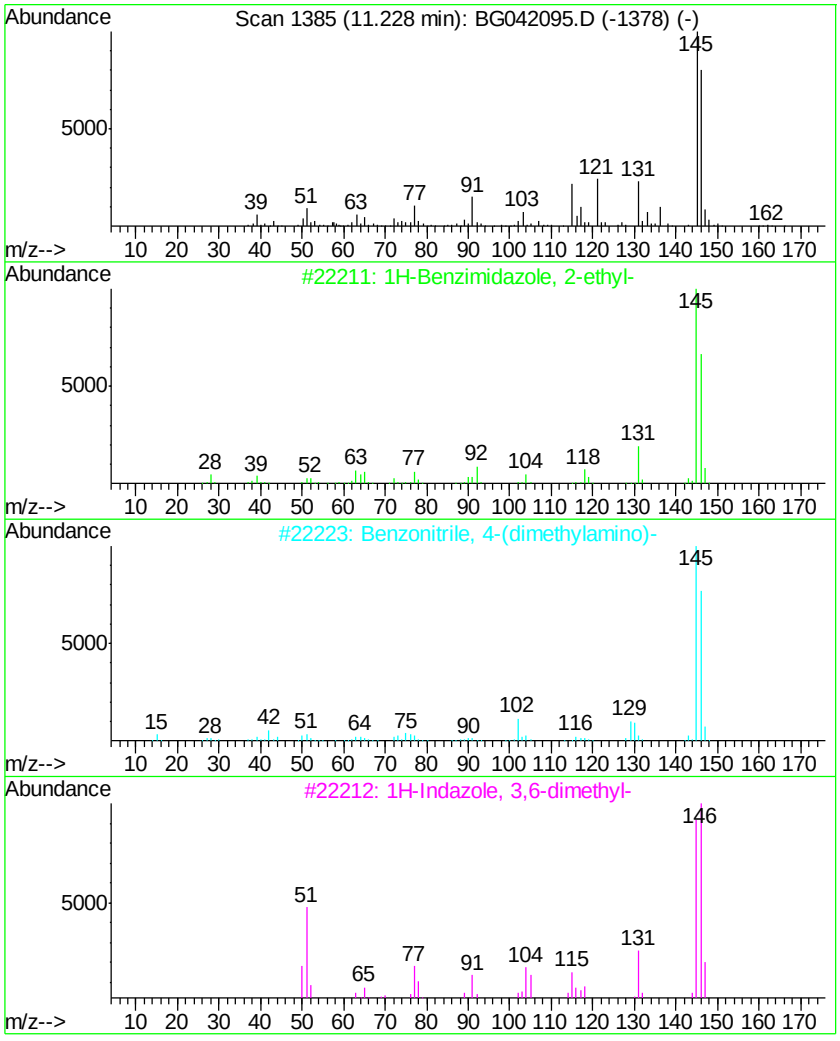
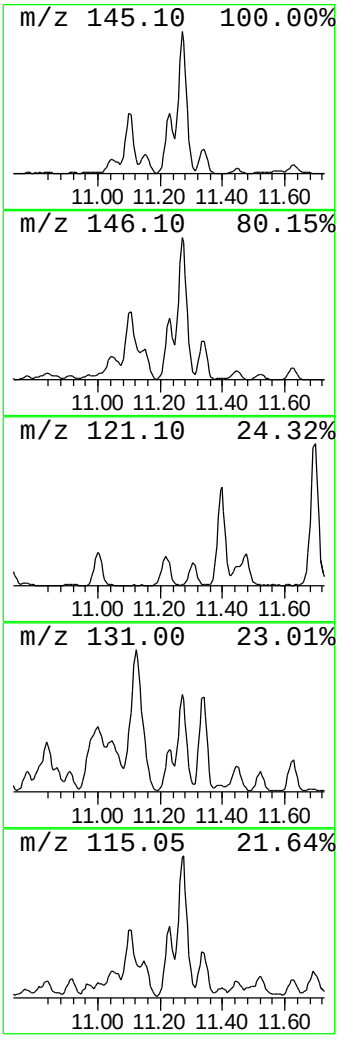
Peak Number 9 Benzonitrile, 4-(dimethylam... Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	23.70 ng/ul	1079240	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	64
2	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	50
3	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	50
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47





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Operator : HP/JU
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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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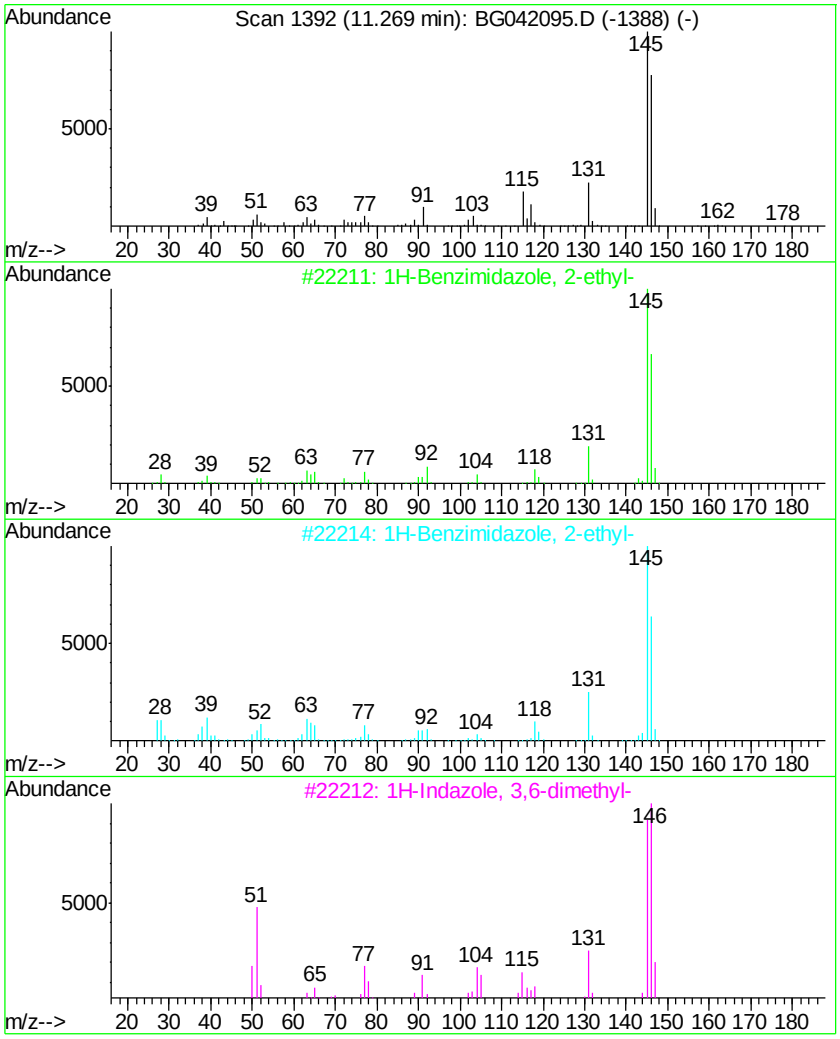
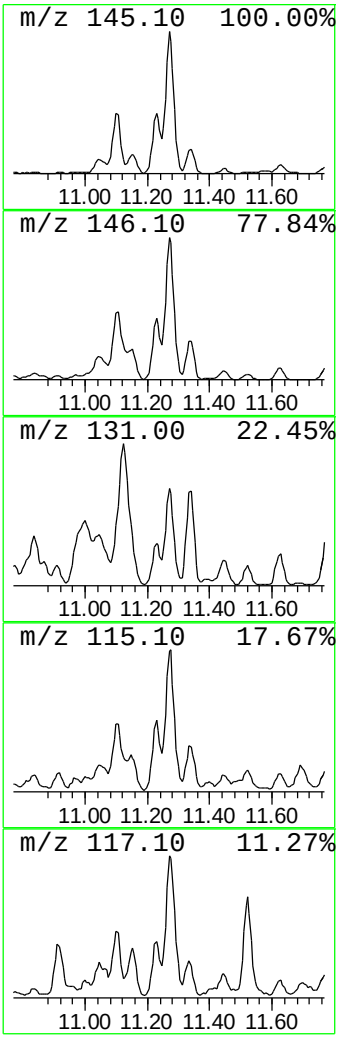
Peak Number 10 1H-Indazole, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	38.49 ng/ul	1752560	Naphthalene-d8	10.85

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-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	56
4	1H-Benzimidazole, 2,5-dimethyl-	146	C9H10N2	001792-41-2	53
5	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	53





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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Peak Number 11 Phenol, 3-propyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.69	58.56 ng/ul	2666630	Naphthalene-d8	10.85

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	58
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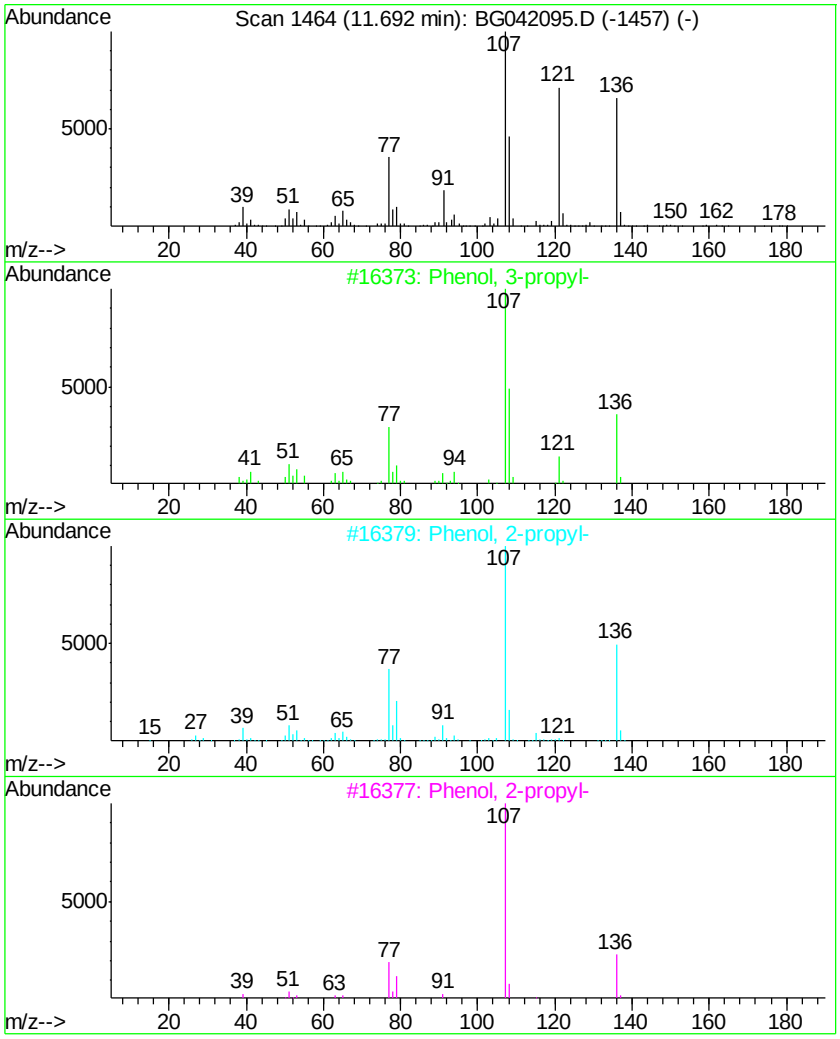

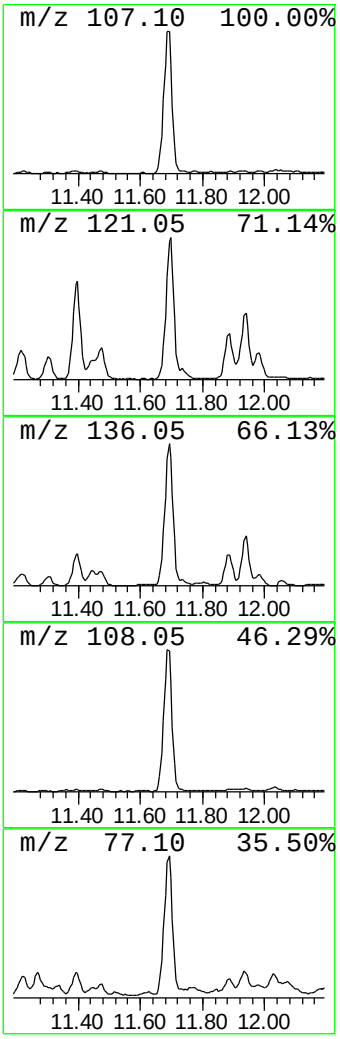

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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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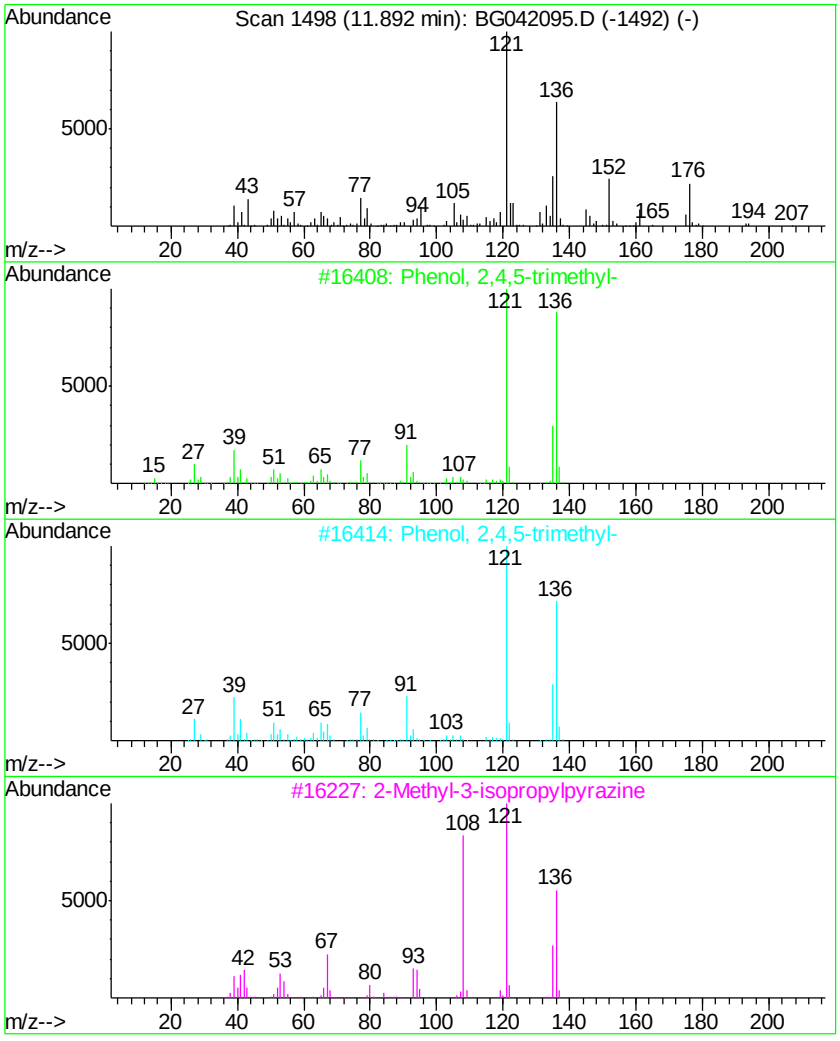
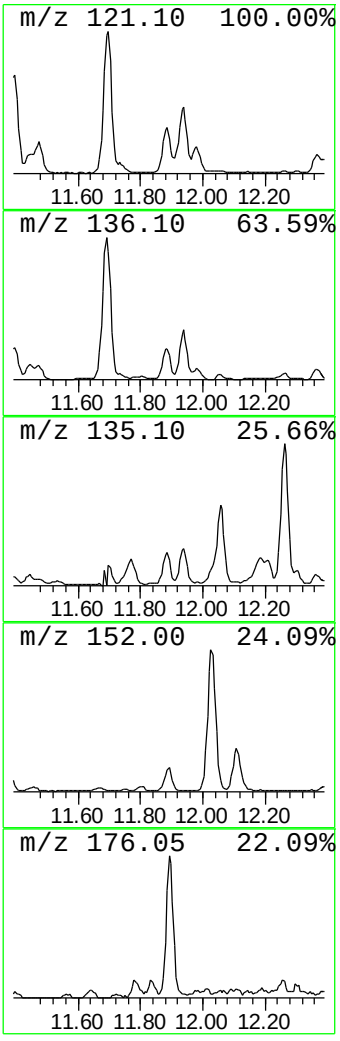
Peak Number 12 Phenol, 2,4,5-trimethyl- Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	13.01 ng/ul	592467	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
2	Phenol, 2,4,5-trimethyl-	136	C9H12O	000496-78-6	81
3	2-Methyl-3-isopropylpyrazine	136	C8H12N2	015986-81-9	81
4	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	74
5	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	74





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Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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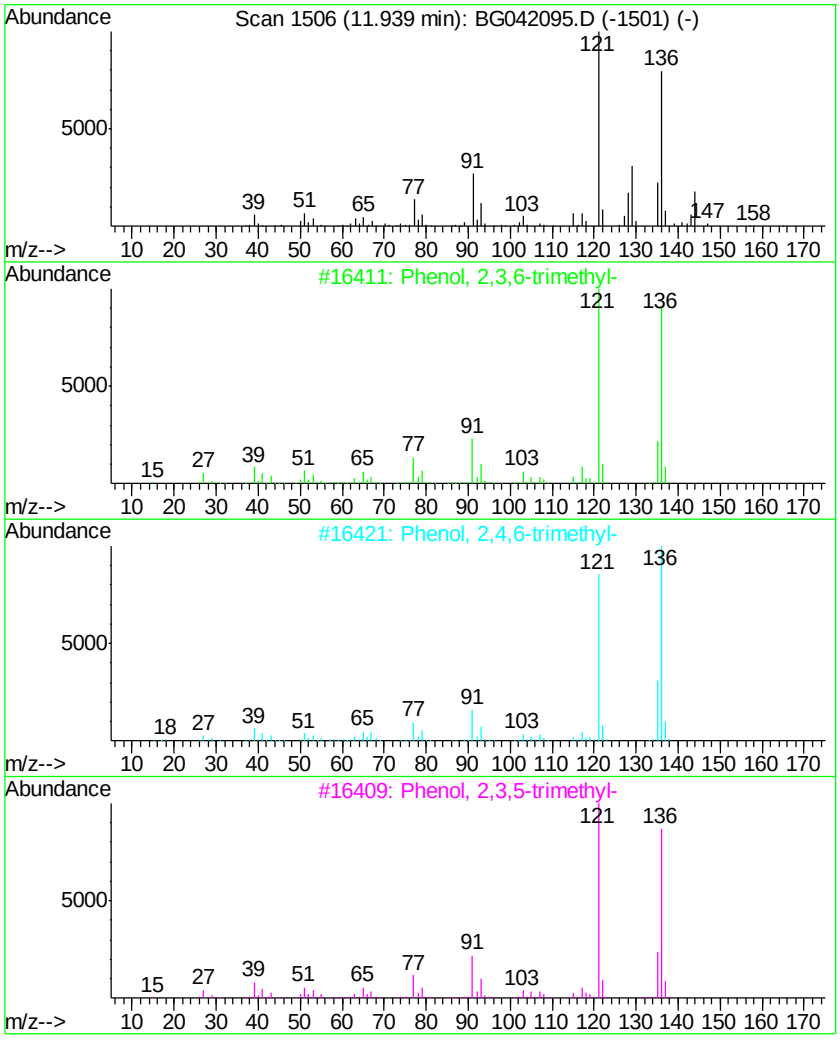
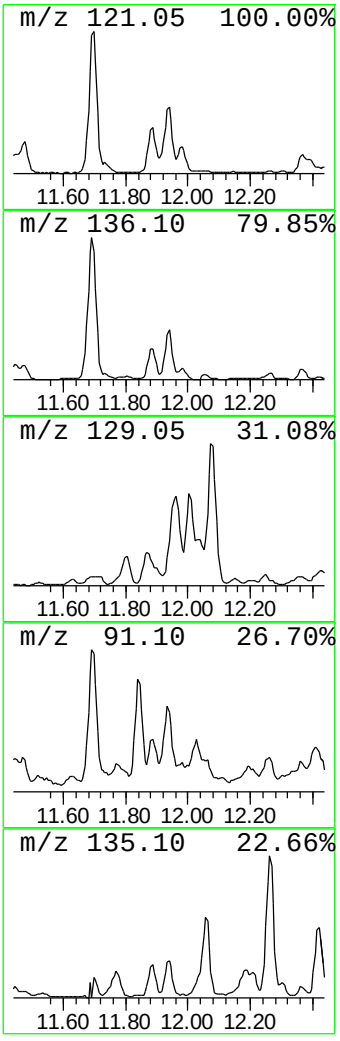
Peak Number 13 Phenol, 2,3,6-trimethyl- Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.94	24.27 ng/ul	1105160	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	90
2	Phenol, 2,4,6-trimethyl-	136	C9H12O	000527-60-6	90
3	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	90
4	Phenol, 2,3,5-trimethyl-	136	C9H12O	000697-82-5	81
5	Phenol, 2,3,6-trimethyl-	136	C9H12O	002416-94-6	81





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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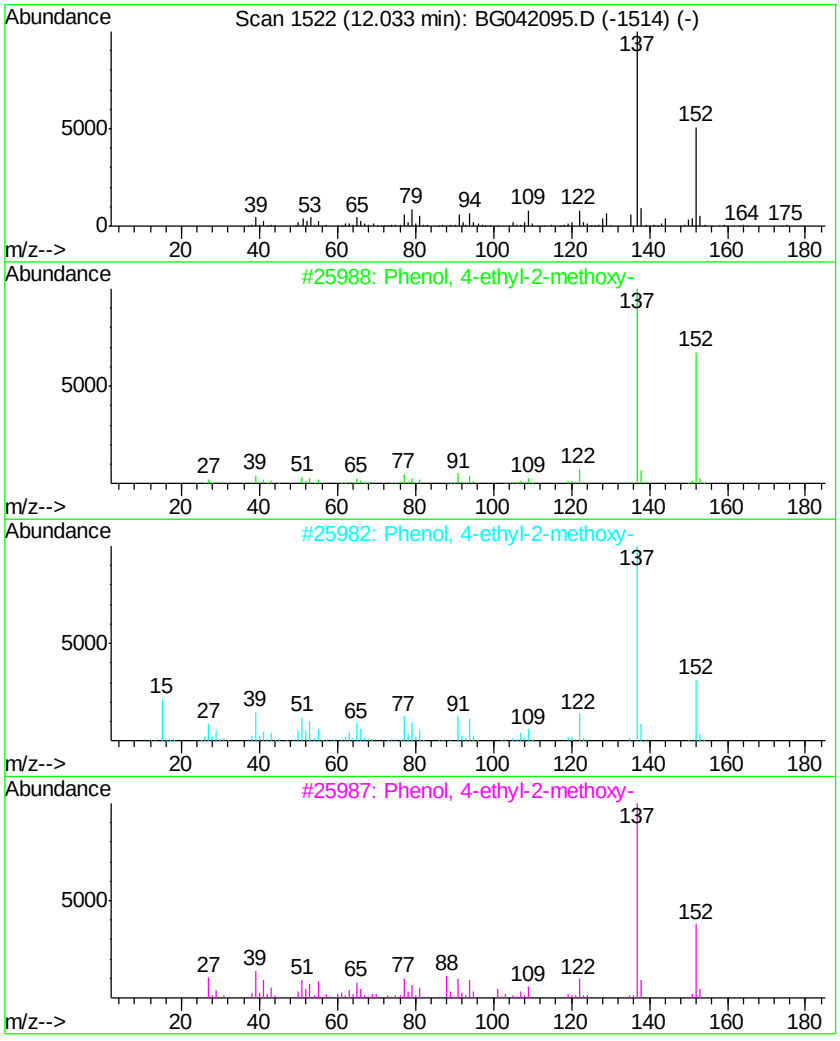
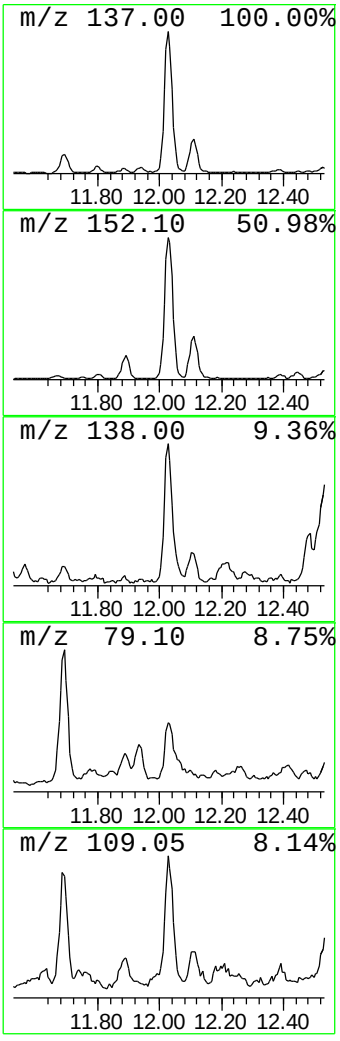
Peak Number 14 Phenol, 4-ethyl-2-methoxy- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	24.30 ng/ul	1106620	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	86
2	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	78
3	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	78
4	Pyrazine, 2-methoxy-3-(1-methyle...	152	C8H12N2O	025773-40-4	72
5	Benzene, 1,4-dimethoxy-2-methyl-	152	C9H12O2	024599-58-4	72





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

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

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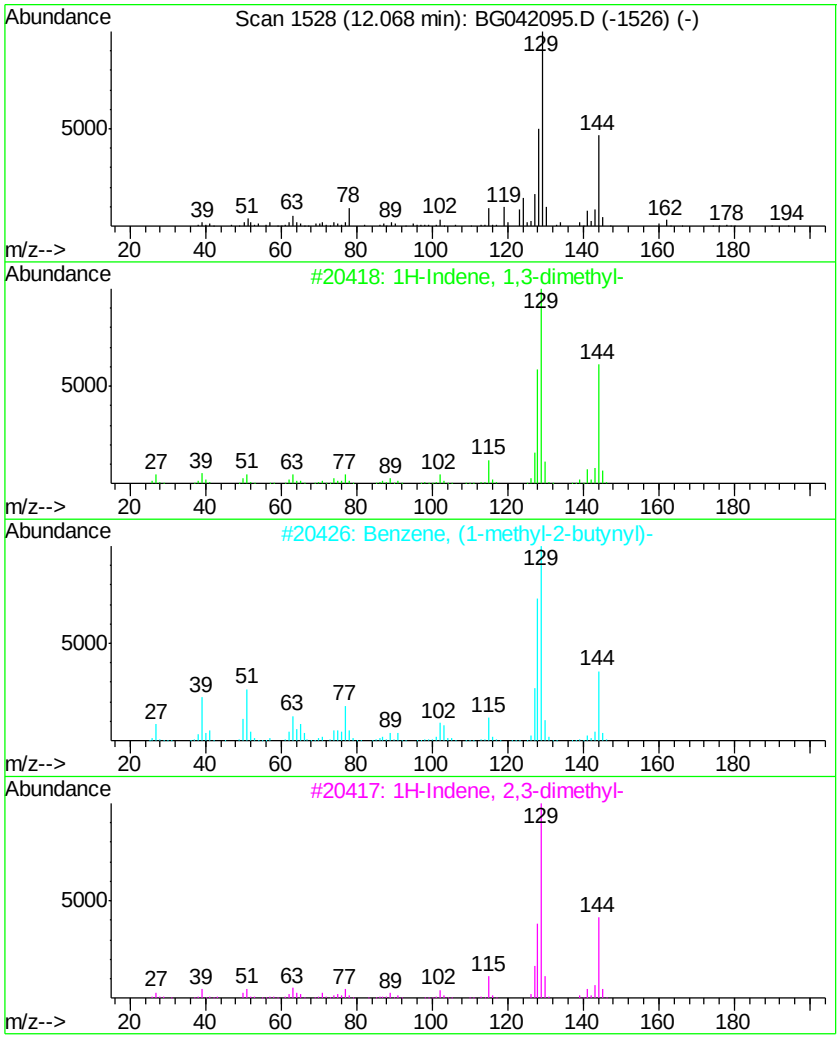
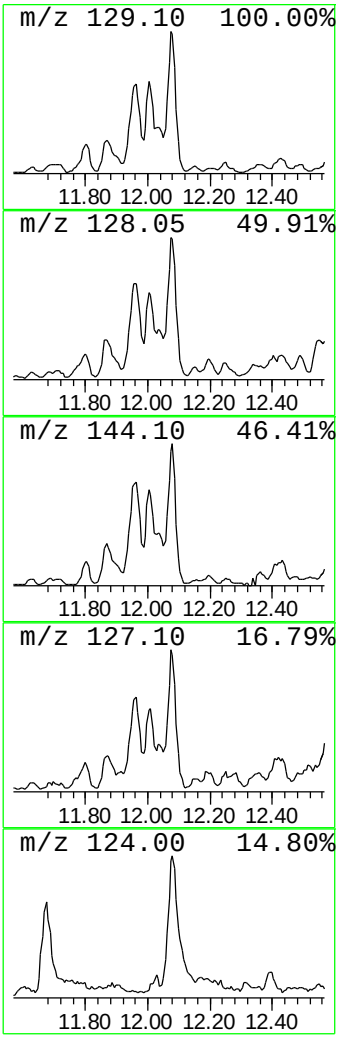
Peak Number 15 1H-Indene, 1,3-dimethyl- Concentration Rank 39

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	19.99 ng/ul	910350	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	93
2	Benzene, (1-methyl-2-butynyl)-	144	C11H12	087712-69-4	87
3	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
4	1H-Cyclopropa[b]naphthalene, 1a,...	144	C11H12	006571-72-8	86
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	86





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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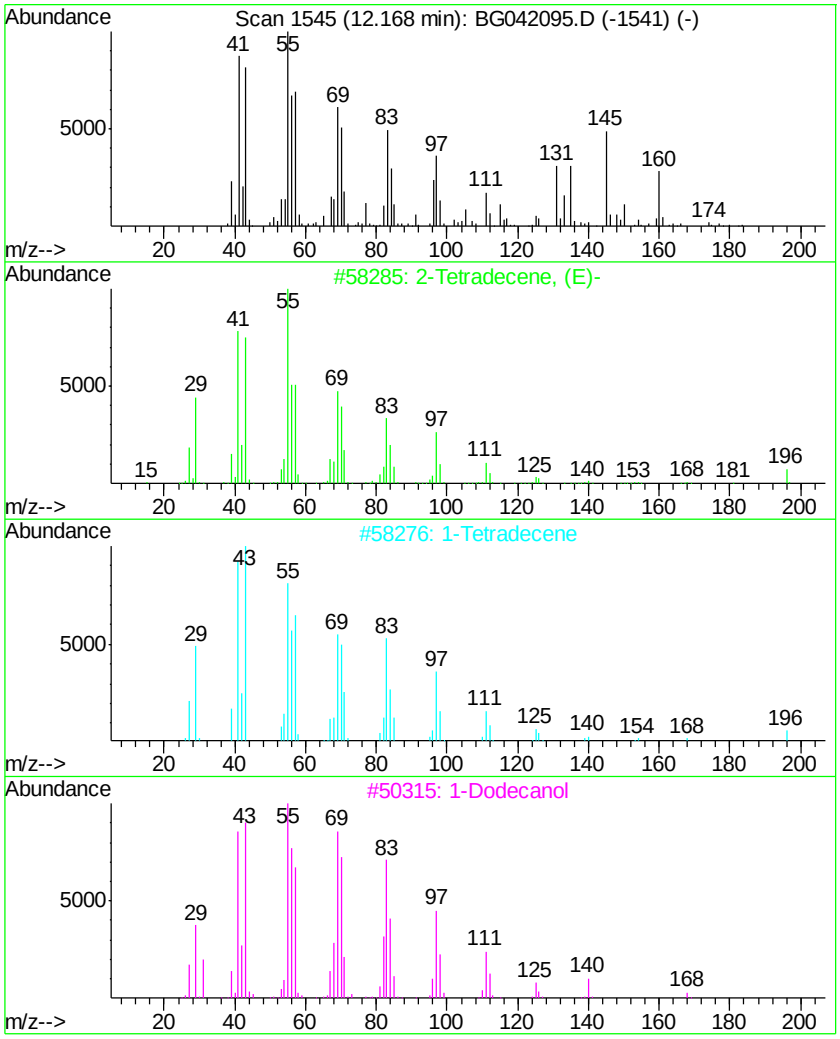
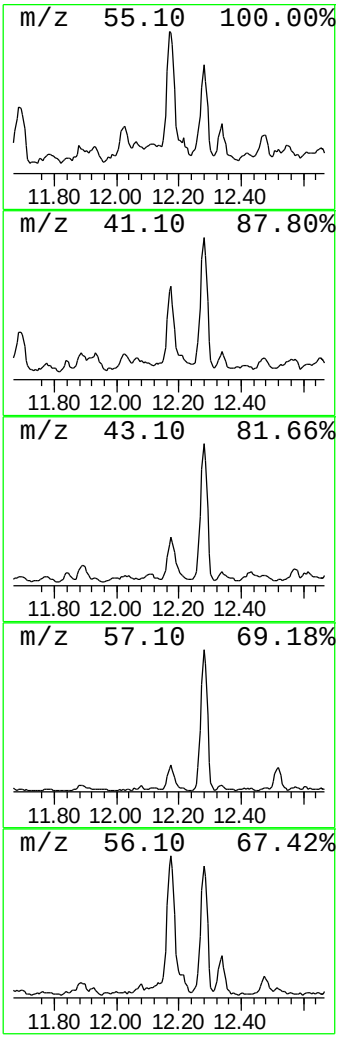
Peak Number 16 (DEL) Alkane: Cyclic12.17 Concentration Rank 51

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.17	15.04 ng/ul	685055	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Tetradecene, (E)-	196	C14H28	035953-54-9	66
2	1-Tetradecene	196	C14H28	001120-36-1	42
3	1-Dodecanol	186	C12H26O	000112-53-8	38
4	7-Tetradecene	196	C14H28	010374-74-0	38
5	1-Tridecene	182	C13H26	002437-56-1	38





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

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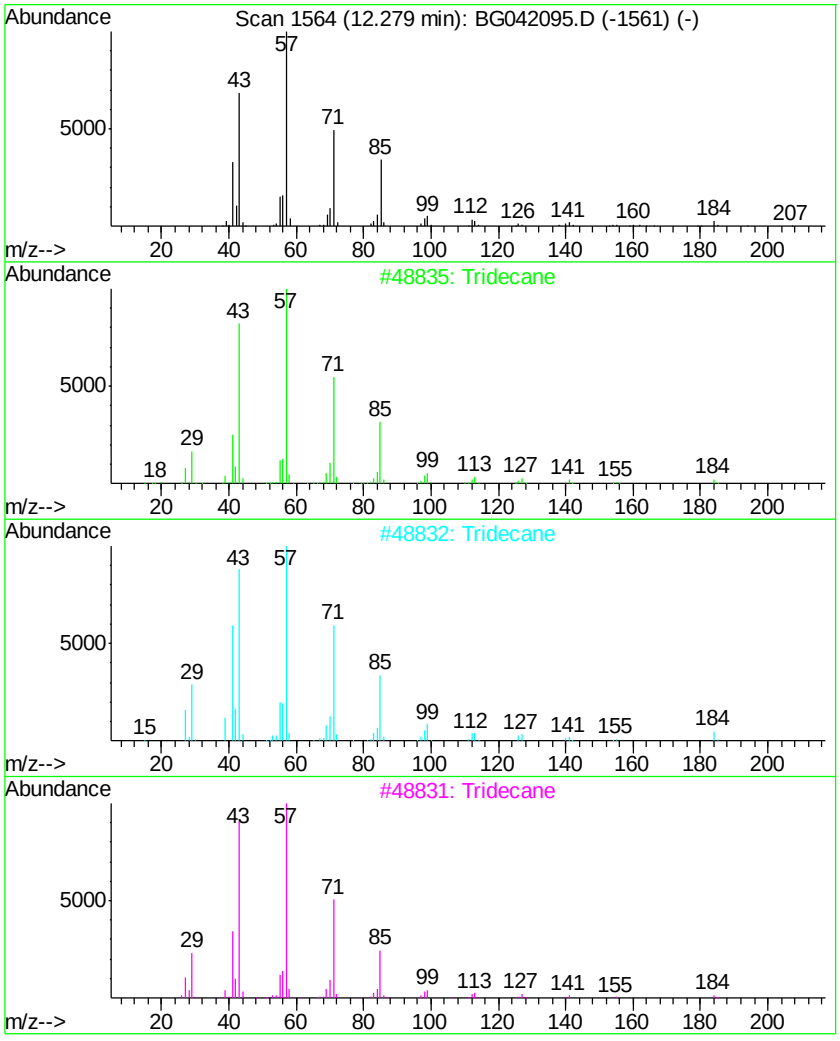
Quant Title : SVOA CALIBRATION

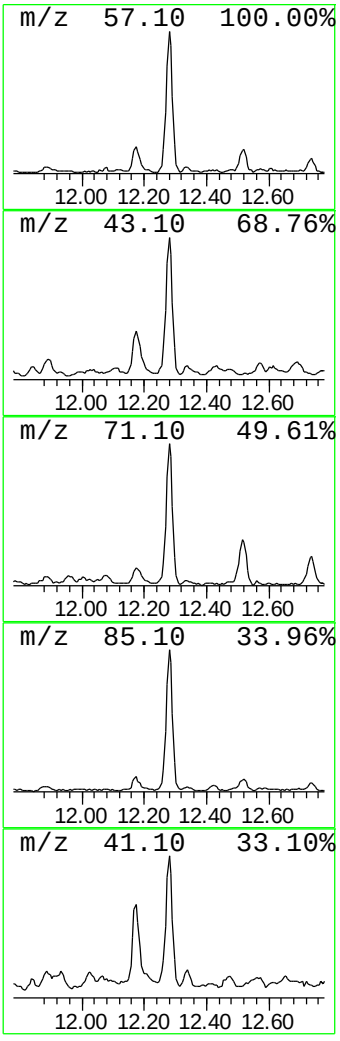
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	13.10 ng/ul	596461	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Tridecane	184	C13H28	000629-50-5	93
3	Tridecane	184	C13H28	000629-50-5	93
4	Hexadecane	226	C16H34	000544-76-3	90
5	Tetradecane	198	C14H30	000629-59-4	90





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

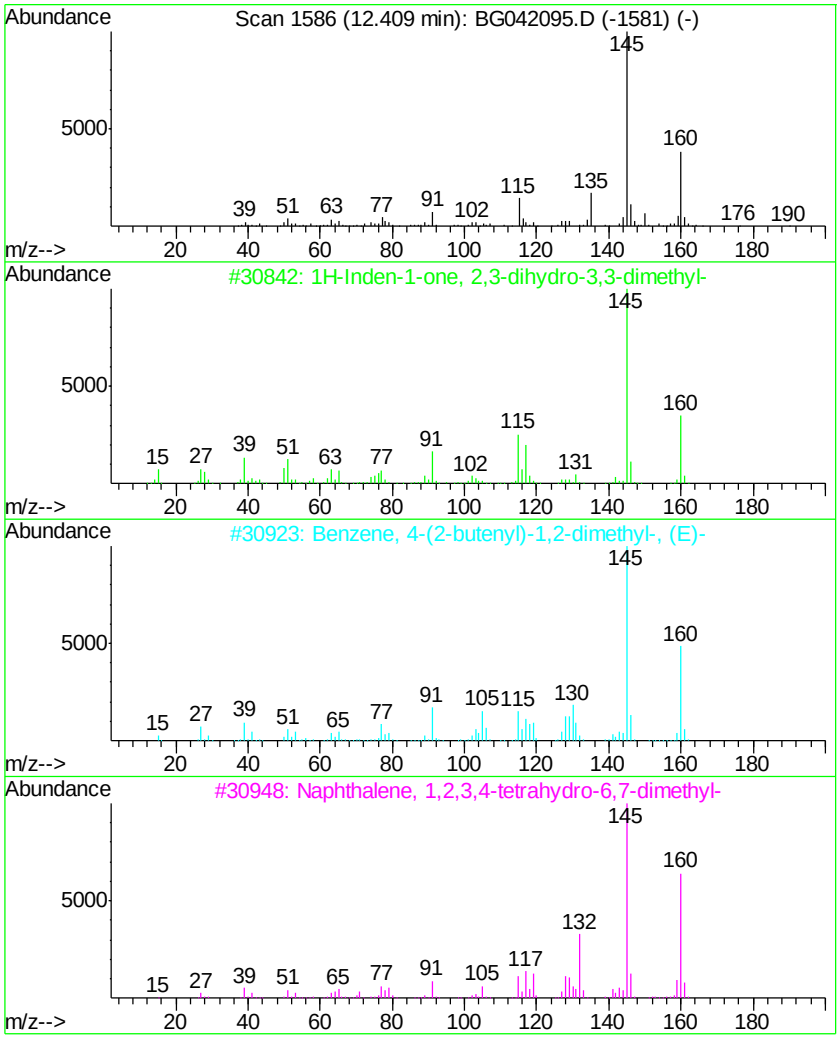
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

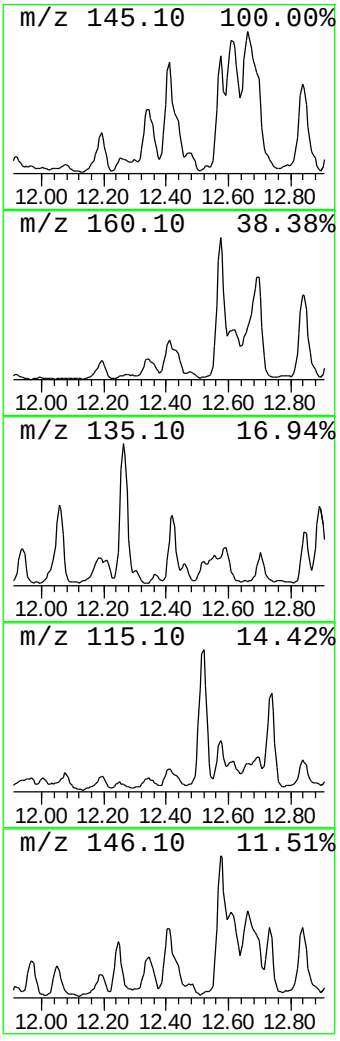
****

Peak Number 18 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	17.76 ng/ul	808714	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	83
2	Benzene, 4-(2-butenyl)-1,2-dimet...	160	C12H16	054340-86-2	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	64
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	64
5	1H-Indene, 2,3-dihydro-1,1,3-tri...	160	C12H16	002613-76-5	64





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

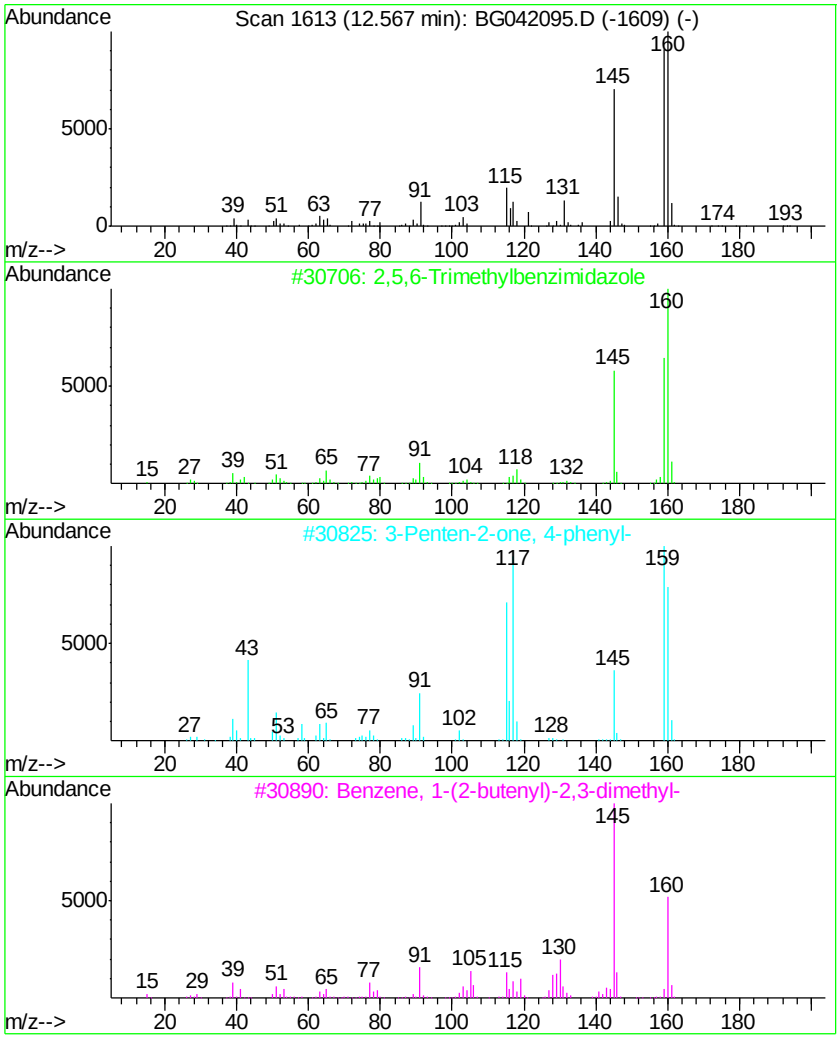
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

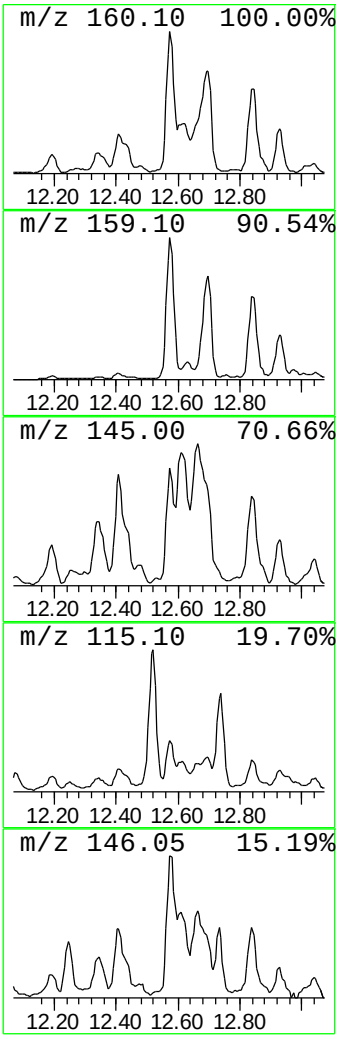
****

Peak Number 19 2,5,6-Trimethylbenzimidazole Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.57	19.18 ng/ul	873269	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	72
2	3-Penten-2-one, 4-phenyl-	160	C11H12O	000827-69-0	64
3	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	43
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	001076-61-5	43
5	1H-Benzimidazole, 1-ethyl-2-methyl-	160	C10H12N2	005805-76-5	43





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

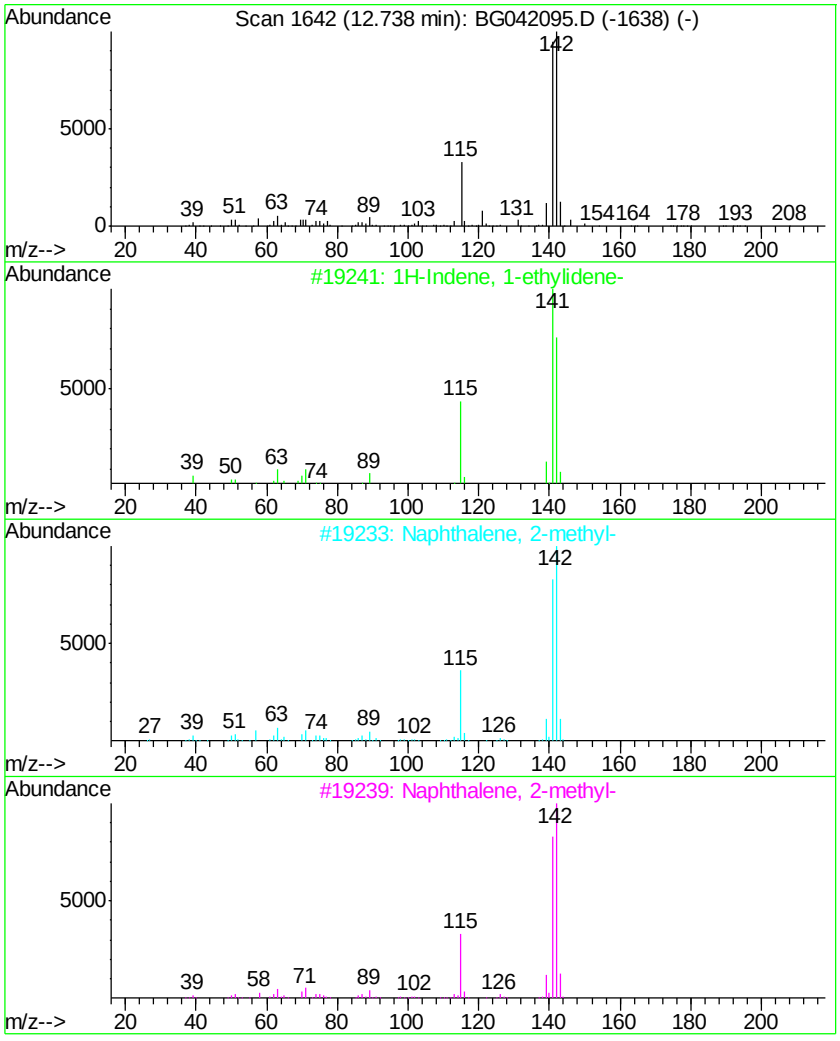
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

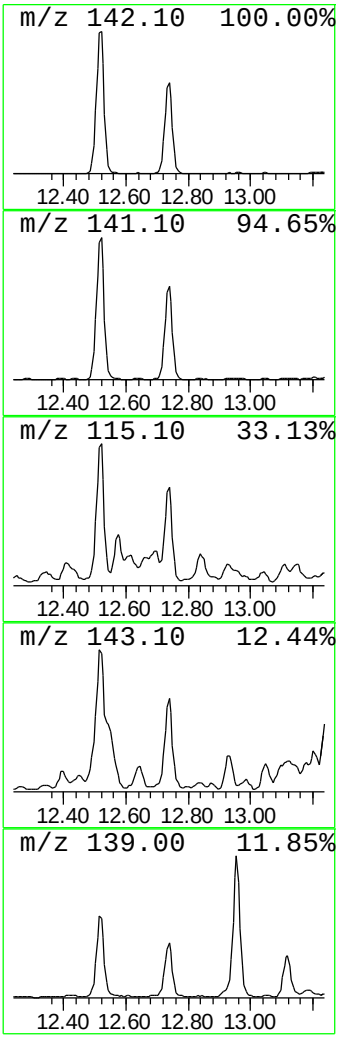
****

Peak Number 20 1H-Indene, 1-ethylidene- Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	31.99 ng/ul	1456680	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	91
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
3	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	91
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
5	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

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

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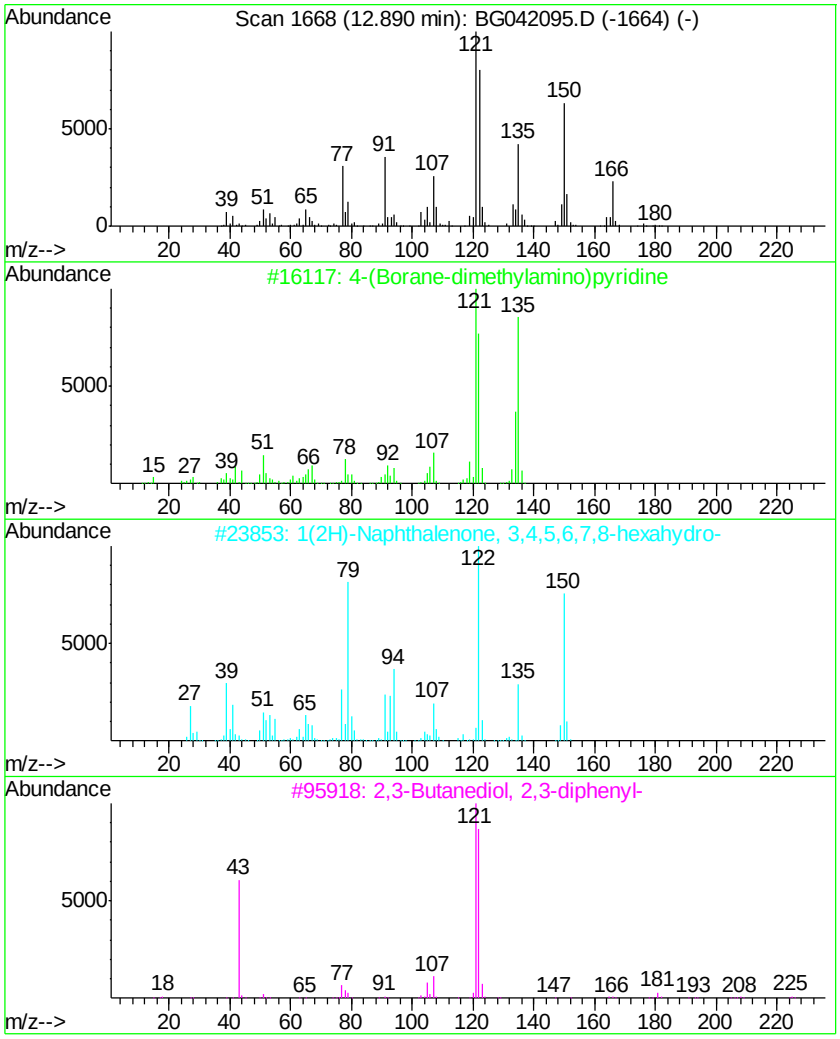
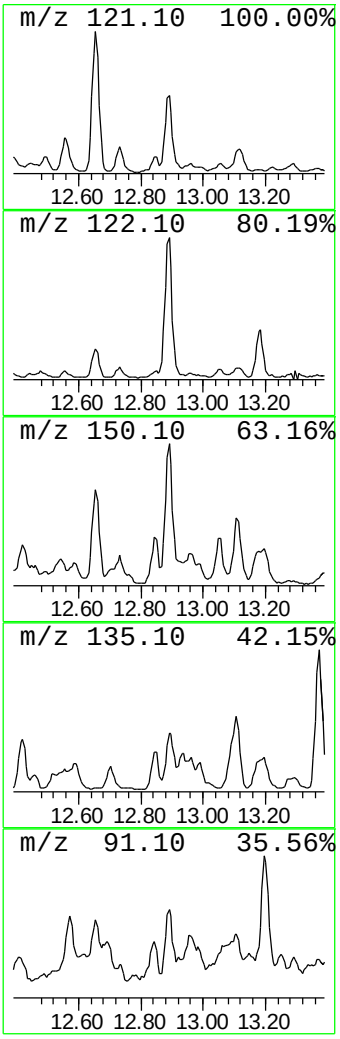
Peak Number 22 4-(Borane-dimethylamino)pyr... Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	9.73 ng/ul	736297	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-(Borane-dimethylamino)pyridine	136	C7H13BN2	001769-74-0	62
2	1(2H)-Naphthalenone, 3,4,5,6,7,8...	150	C10H14O	018631-96-4	46
3	2,3-Butanediol, 2,3-diphenyl-	242	C16H18O2	001636-34-6	43
4	1,3-Benzodioxole	122	C7H6O2	000274-09-9	38
5	1,3-Benzodioxole	122	C7H6O2	000274-09-9	38





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Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

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

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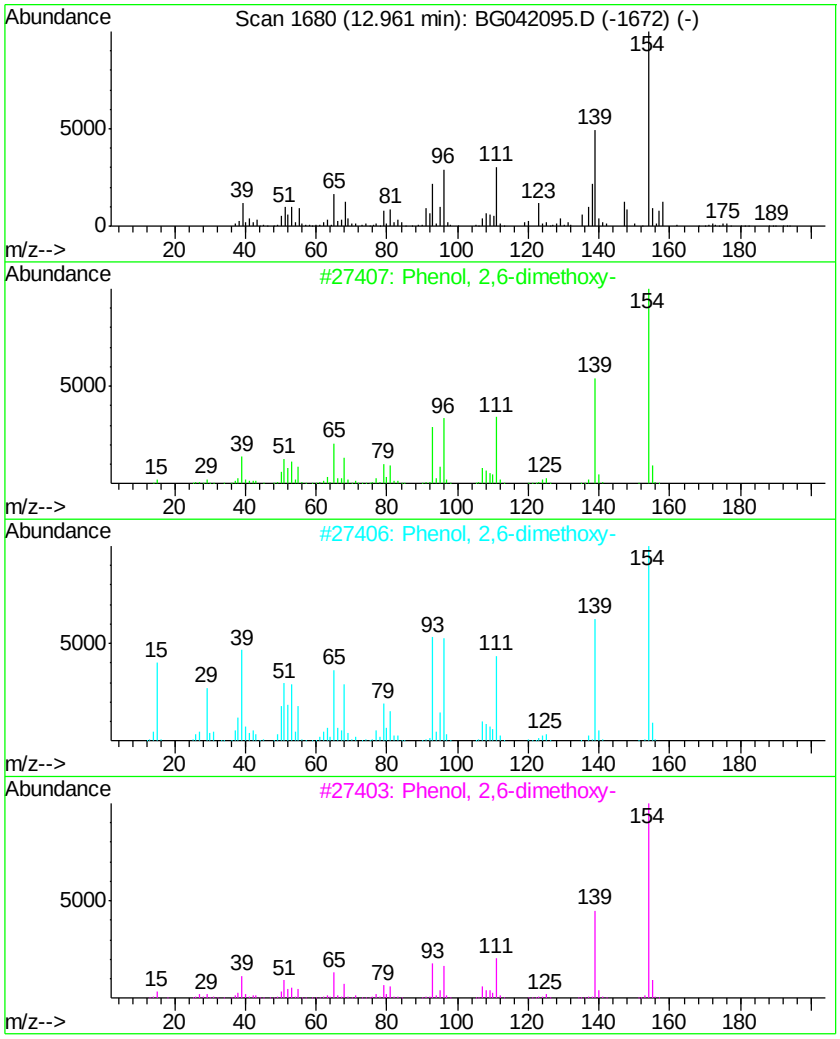
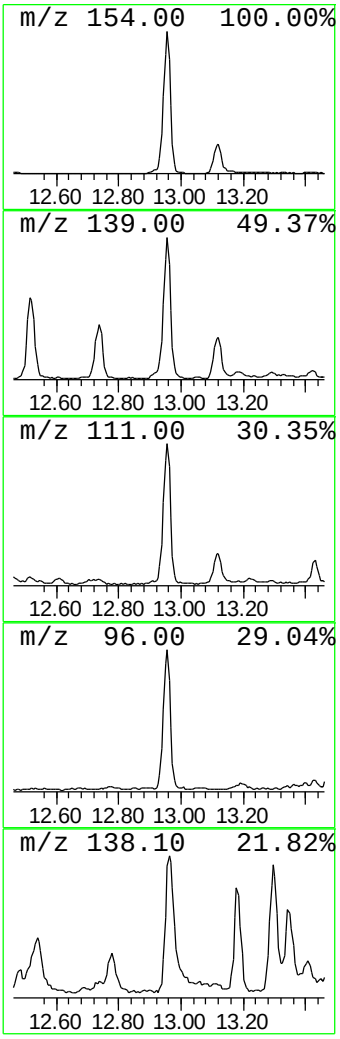
Peak Number 23 Phenol, 2,6-dimethoxy- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	25.04 ng/ul	1896060	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	93
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	91
3	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	90
4	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	64
5	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	59





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Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

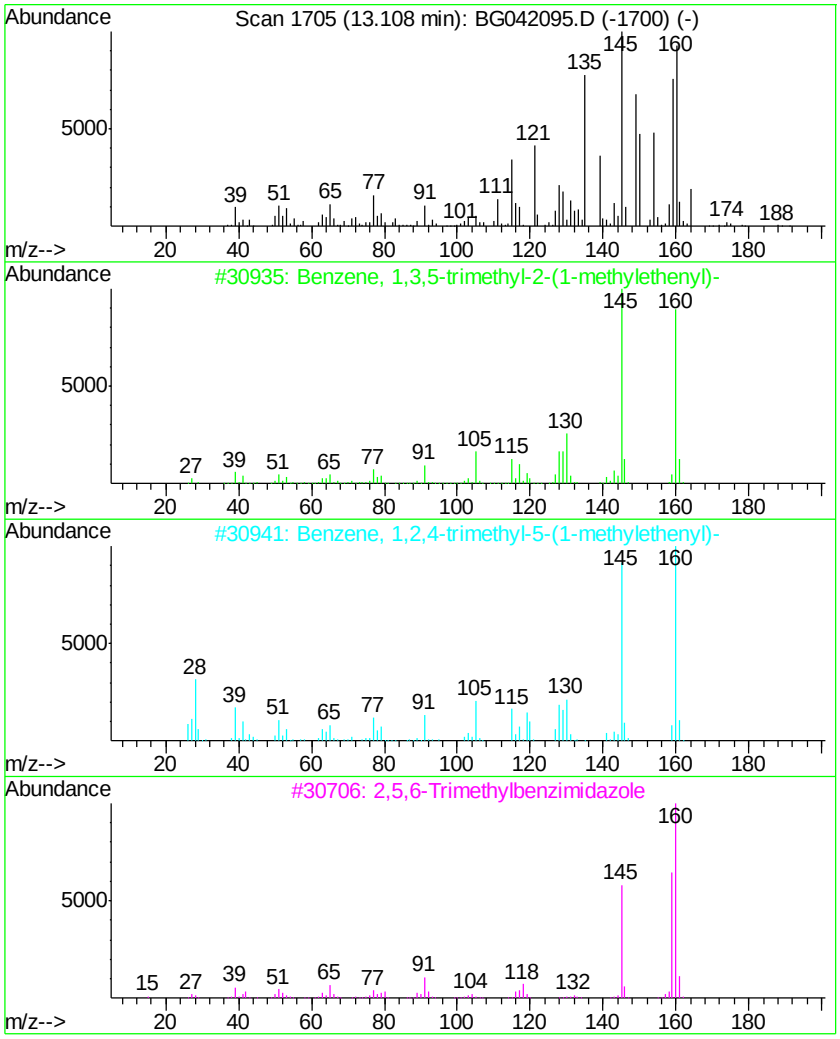
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

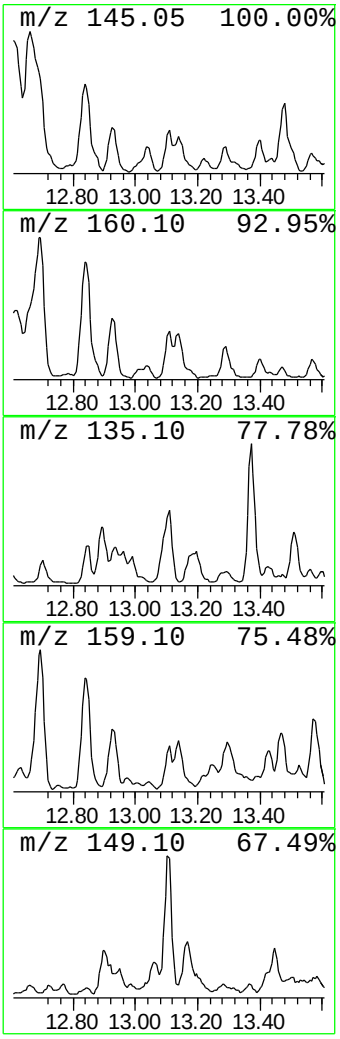
****

Peak Number 24 unknown-02 Concentration Rank 66

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.11	8.02 ng/ul	606948	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,3,5-trimethyl-2-(1-me...	160	C12H16	014679-13-1	38
2	Benzene, 1,2,4-trimethyl-5-(1-me...	160	C12H16	054340-84-0	30
3	2,5,6-Trimethylbenzimidazole	160	C10H12N2	003363-56-2	30
4	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	25
5	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	021693-54-9	25





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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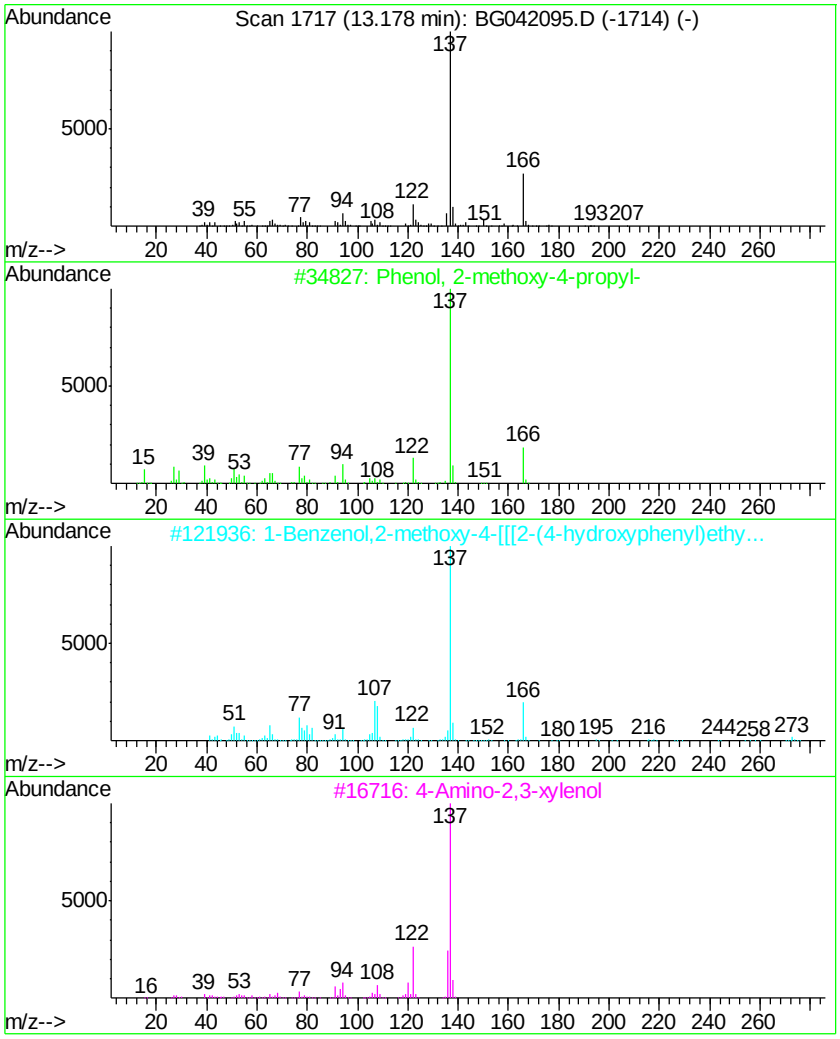
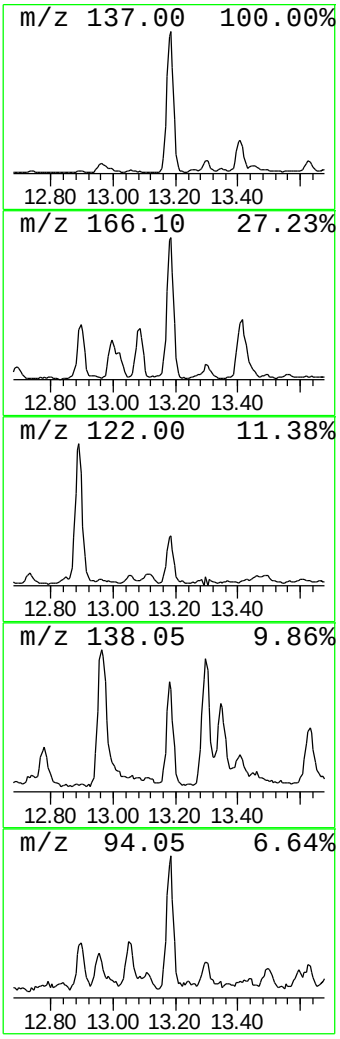
Peak Number 25 Phenol, 2-methoxy-4-propyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	12.62 ng/ul	955442	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-4-propyl-	166	C10H14O2	002785-87-7	78
2	1-Benzenol,2-methoxy-4-[[[2-(4-h...	273	C16H19NO3	033120-06-8	64
3	4-Amino-2,3-xylenol	137	C8H11NO	003096-69-3	53
4	6-Amino-2,4-dimethylphenol	137	C8H11NO	041458-65-5	50
5	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	42





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Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

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

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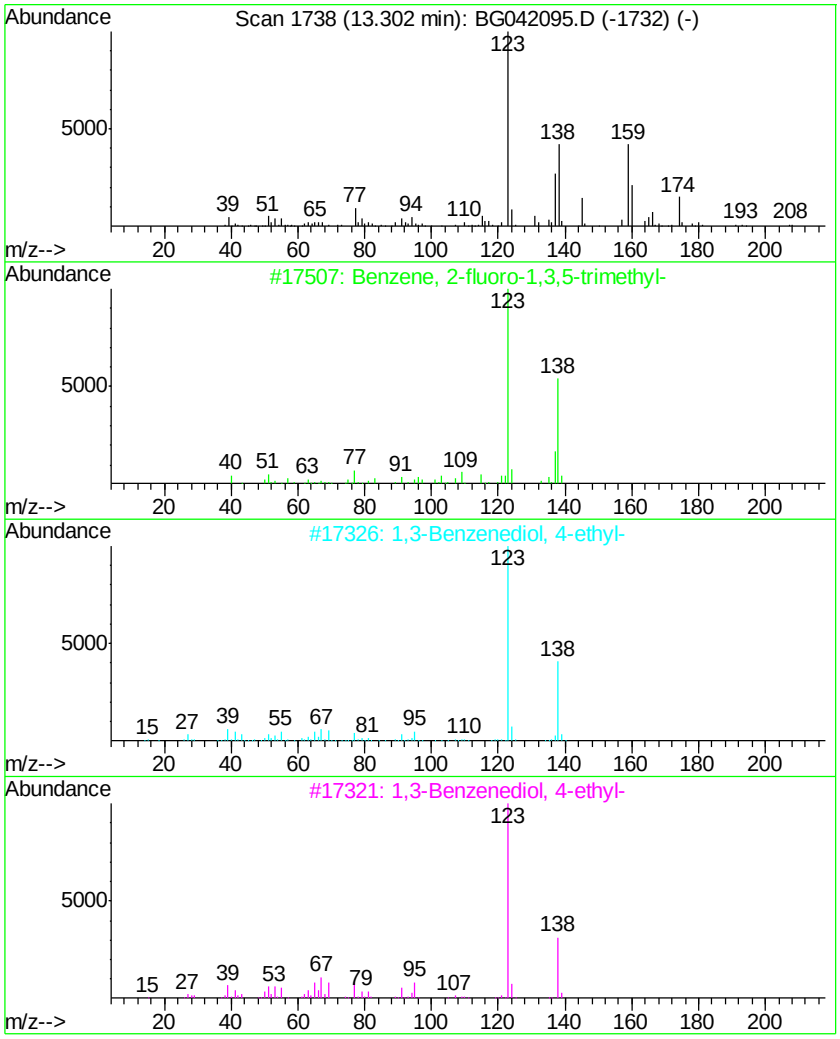
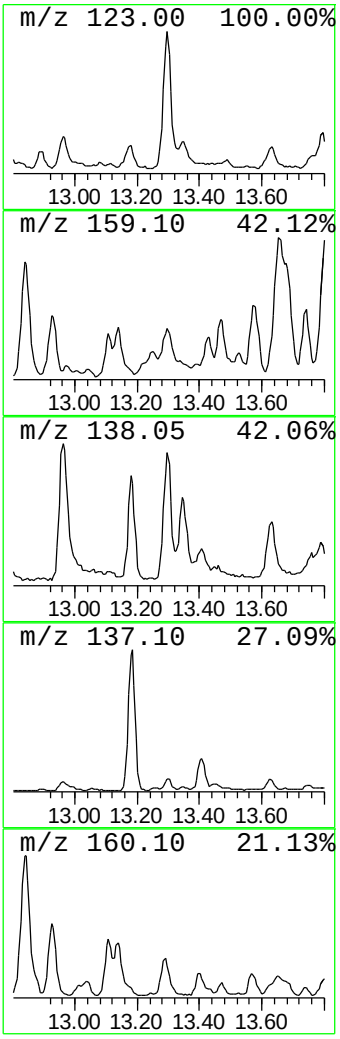
Peak Number 26 unknown-03 Concentration Rank 65

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.30	9.02 ng/ul	683100	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	43
2	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	43
3	1,3-Benzenediol, 4-ethyl-	138	C8H10O2	002896-60-8	43
4	Benzene, 2-fluoro-1,3,5-trimethyl-	138	C9H11F	000392-69-8	38
5	Phenol, 4-methoxy-3-methyl-	138	C8H10O2	014786-82-4	38





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ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

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Quant Title : SVOA CALIBRATION

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

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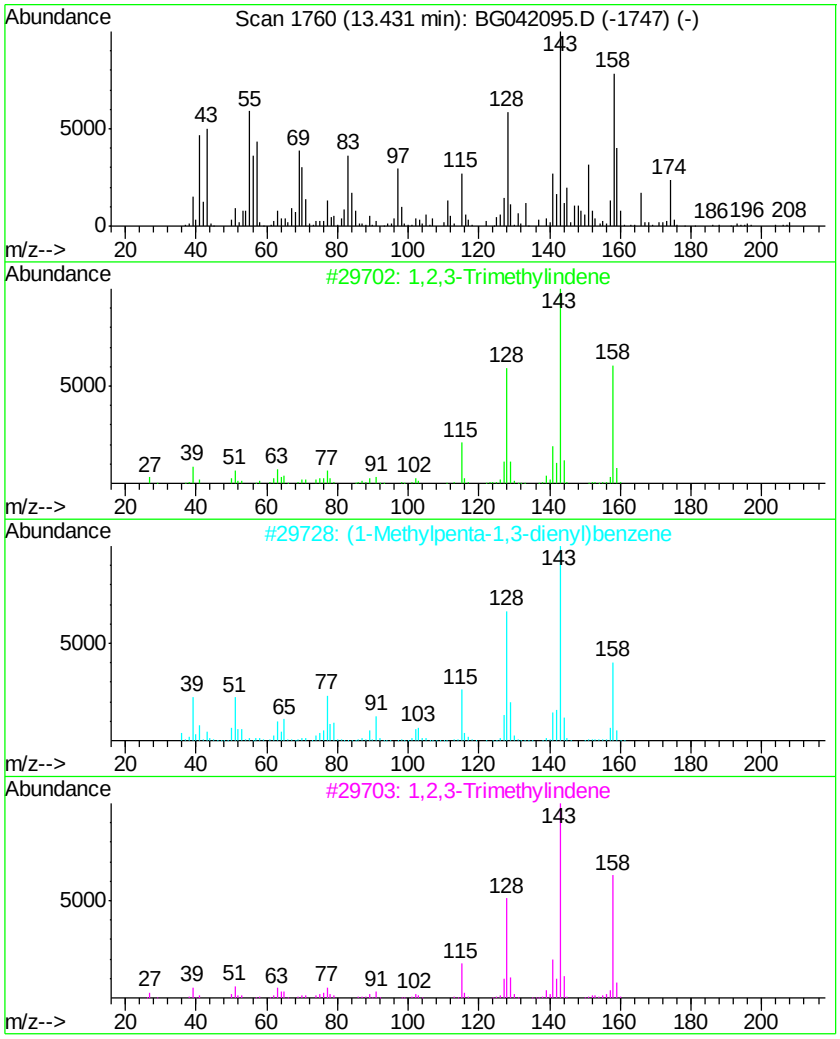
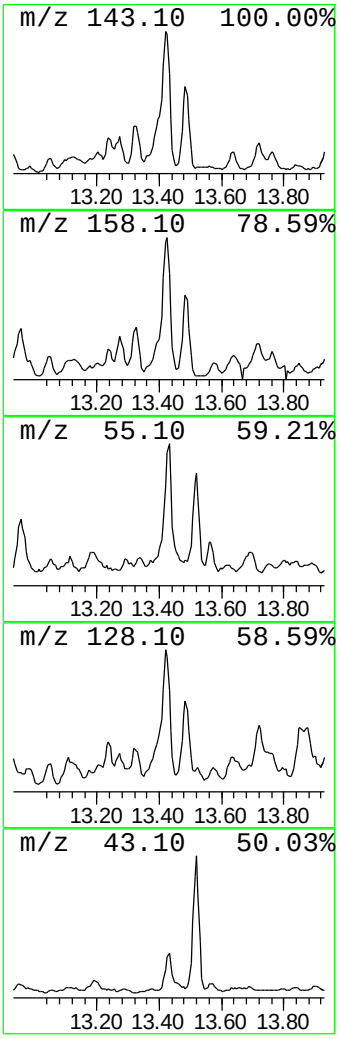
Peak Number 27 1,2,3-Trimethylindene Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.43	23.42 ng/ul	1773400	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3-Trimethylindene	158	C12H14	004773-83-5	93
2	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	68
3	1,2,3-Trimethylindene	158	C12H14	004773-83-5	68
4	(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	68
5	Benzene, 1,3,5-trimethyl-2-(1,2-...	158	C12H14	029555-07-5	62





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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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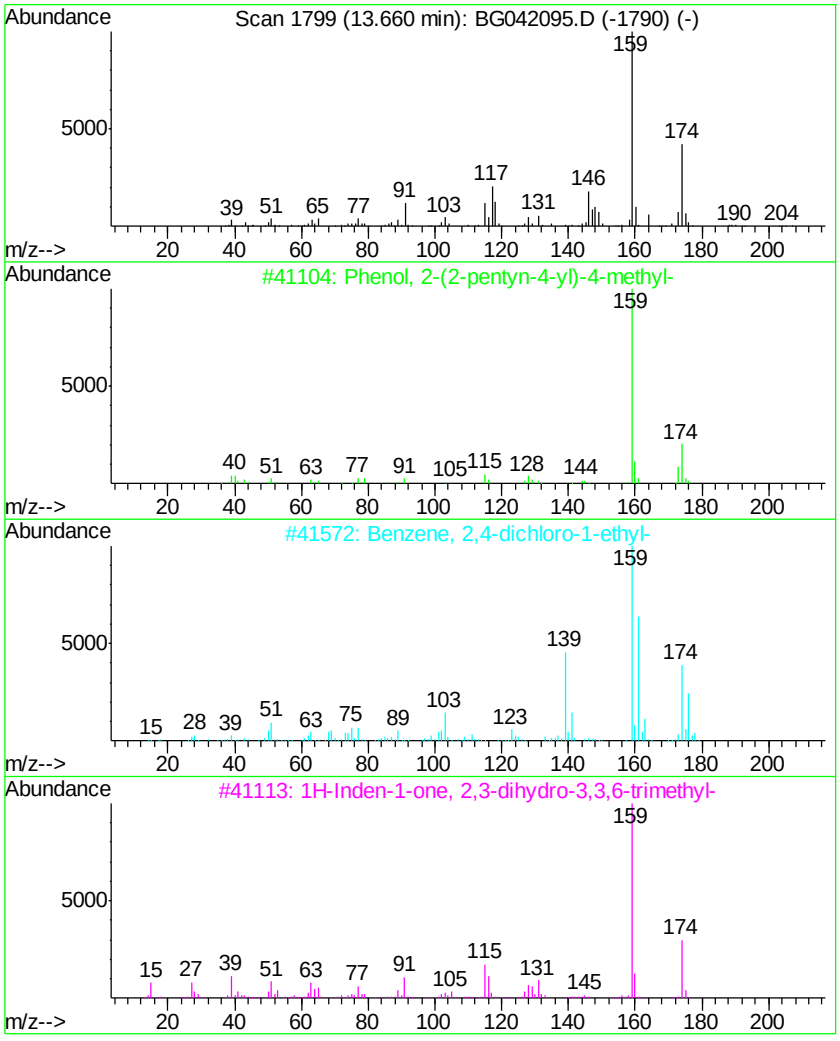
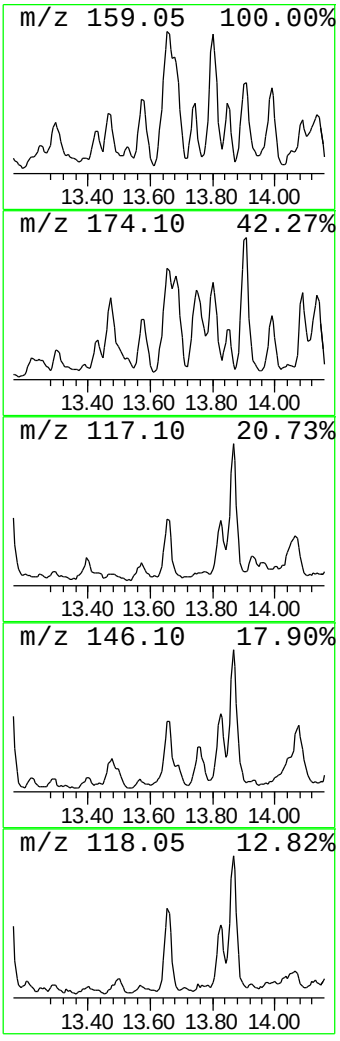
Peak Number 28 Phenol, 2-(2-pentyn-4-yl)-4... Concentration Rank 64

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.66	9.16 ng/ul	693363	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(2-pentyn-4-yl)-4-methyl-	174	C12H14O	1000258-83-7	62
2	Benzene, 2,4-dichloro-1-ethyl-	174	C8H8Cl2	054484-62-7	58
3	1H-Inden-1-one, 2,3-dihydro-3,3,...	174	C12H14O	054484-71-8	58
4	Benzene, 1,2-dichloro-4-ethyl-	174	C8H8Cl2	006623-59-2	53
5	1H-Inden-1-one, 2,3-dihydro-3,4,...	174	C12H14O	035322-84-0	45





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Quant Title : SVOA CALIBRATION

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

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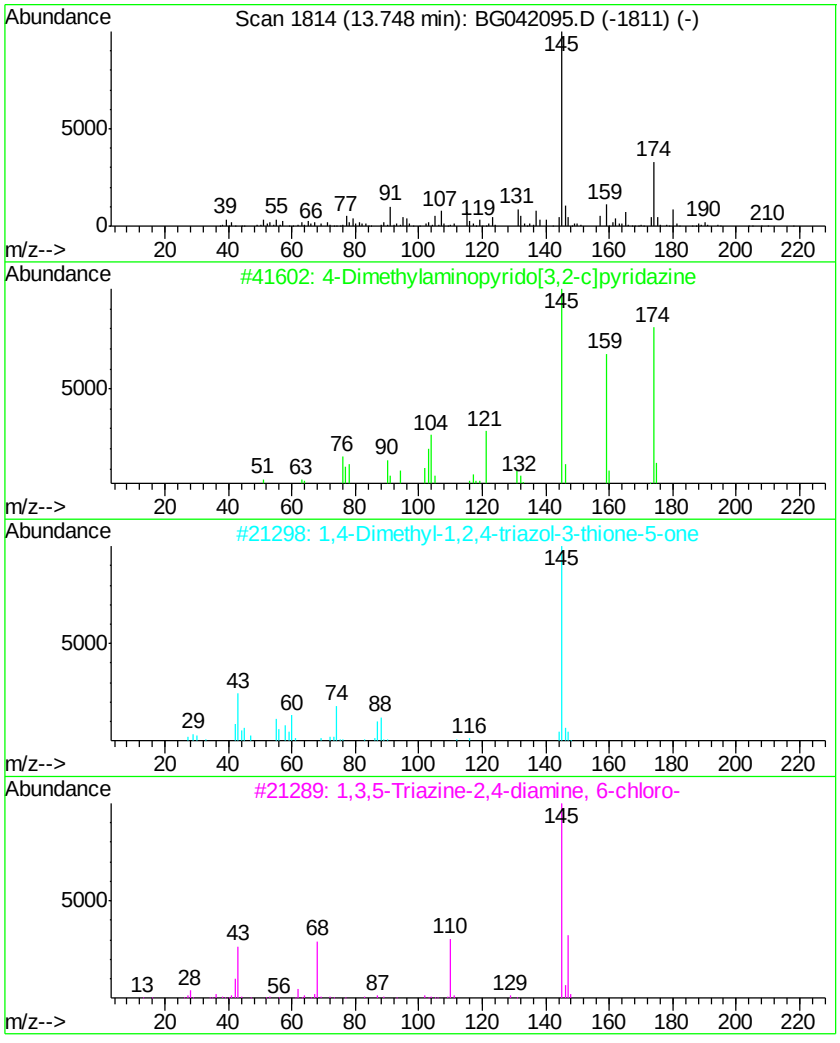
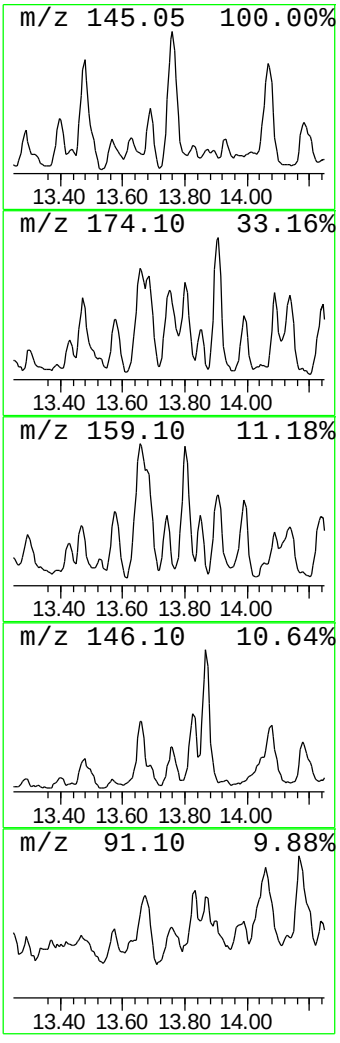
Peak Number 29 4-Dimethylaminopyrido[3,2-c... Concentration Rank 67

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	7.76 ng/ul	587672	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Dimethylaminopyrido[3,2-c]pyri...	174	C9H10N4	1000326-90-5	59
2	1,4-Dimethyl-1,2,4-triazol-3-thi...	145	C4H7N3OS	027422-98-6	47
3	1,3,5-Triazine-2,4-diamine, 6-ch...	145	C3H4ClN5	003397-62-4	38
4	1,5-Naphthyridin-4-amine	145	C8H7N3	027392-68-3	38
5	2,3,6-Trifluorobenzyl alcohol, i...	204	C10H11F3O	1000375-26-8	38





Library Search Compound Report

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Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

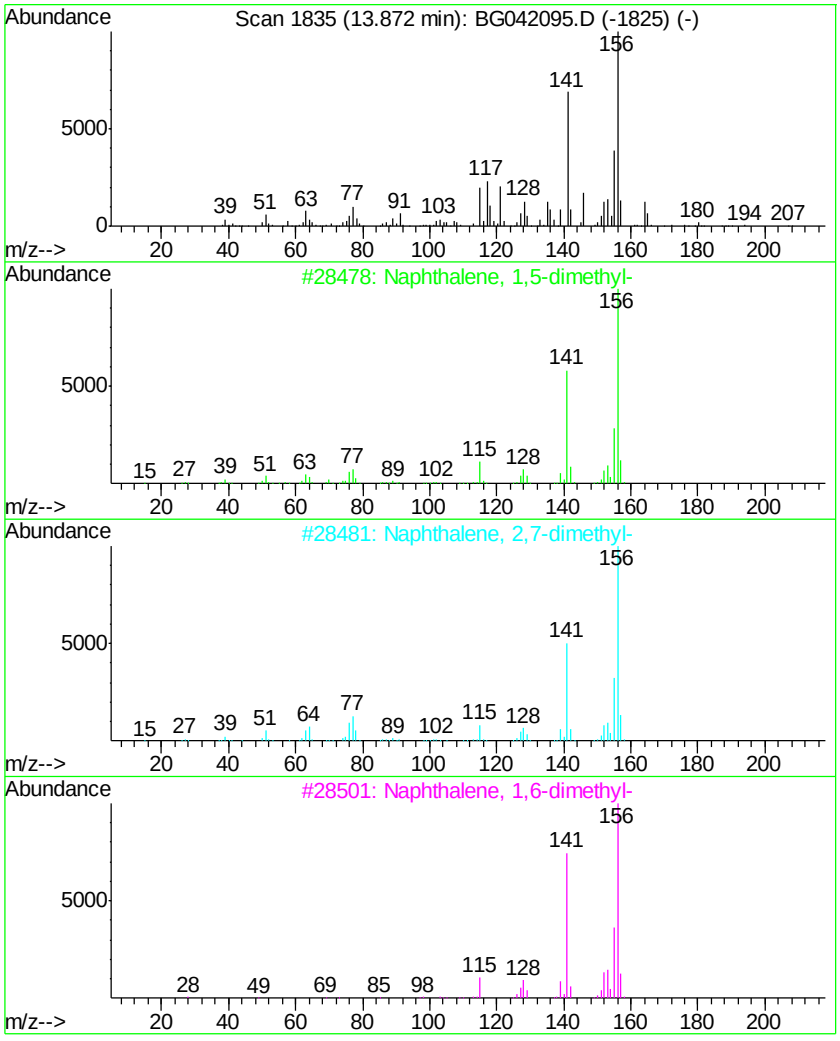
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

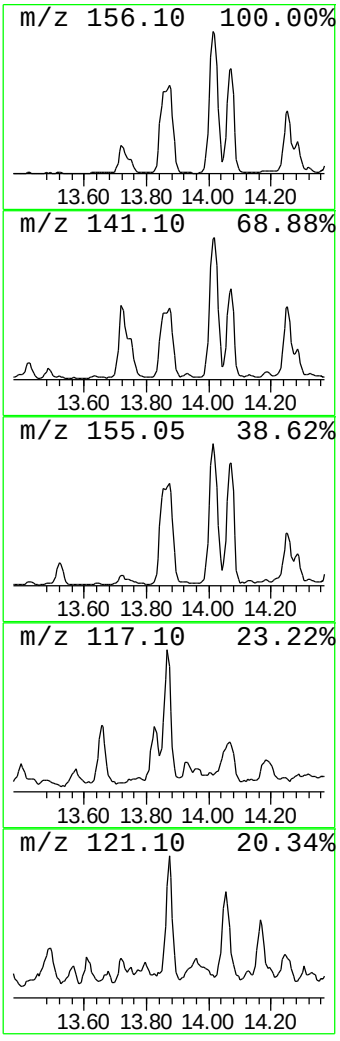
****

Peak Number 30 Naphthalene, 1,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.87	38.17 ng/ul	2889600	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	94
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

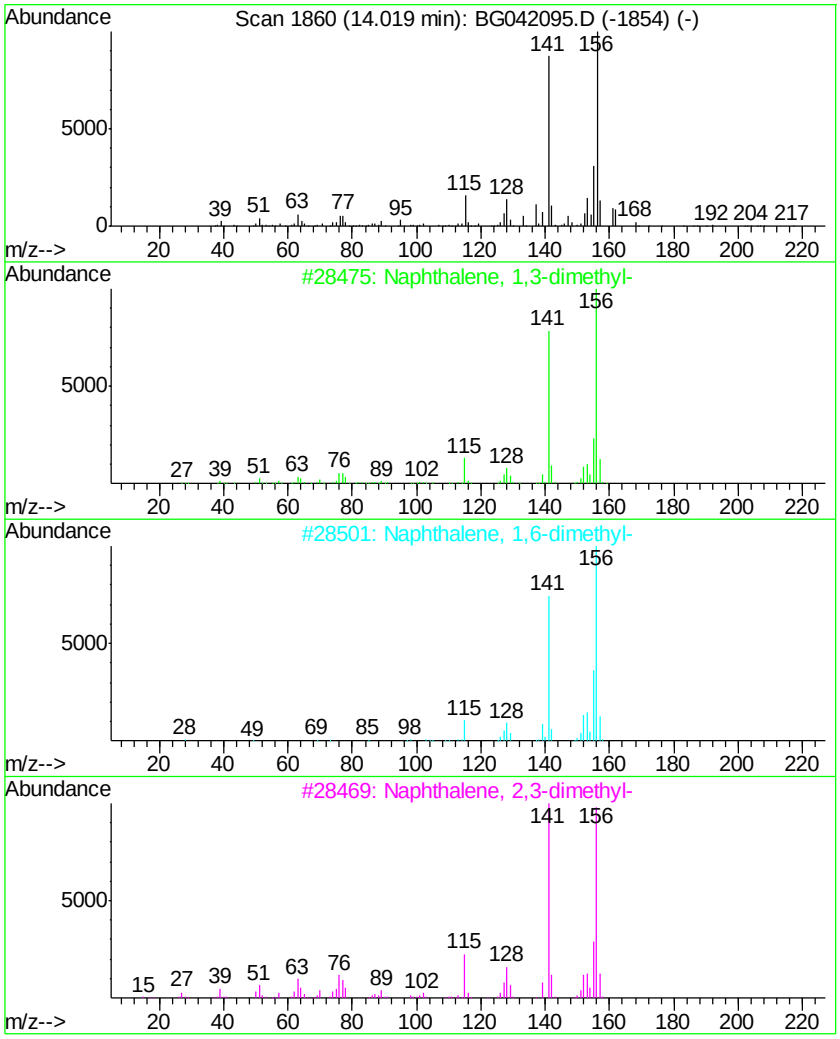
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

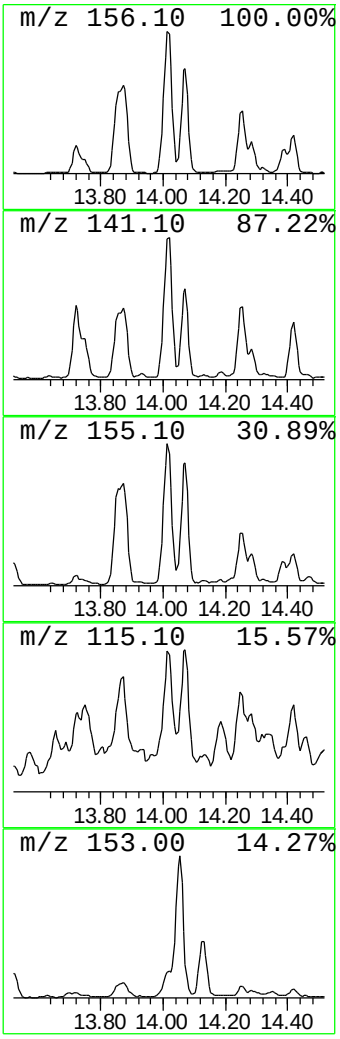
****

Peak Number 31 Naphthalene, 1,3-dimethyl- Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	19.89 ng/ul	1505920	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	95
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	93
5	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	93





Library Search Compound Report

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Operator : HP/JU
Sample : K4147-06
Misc :
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Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

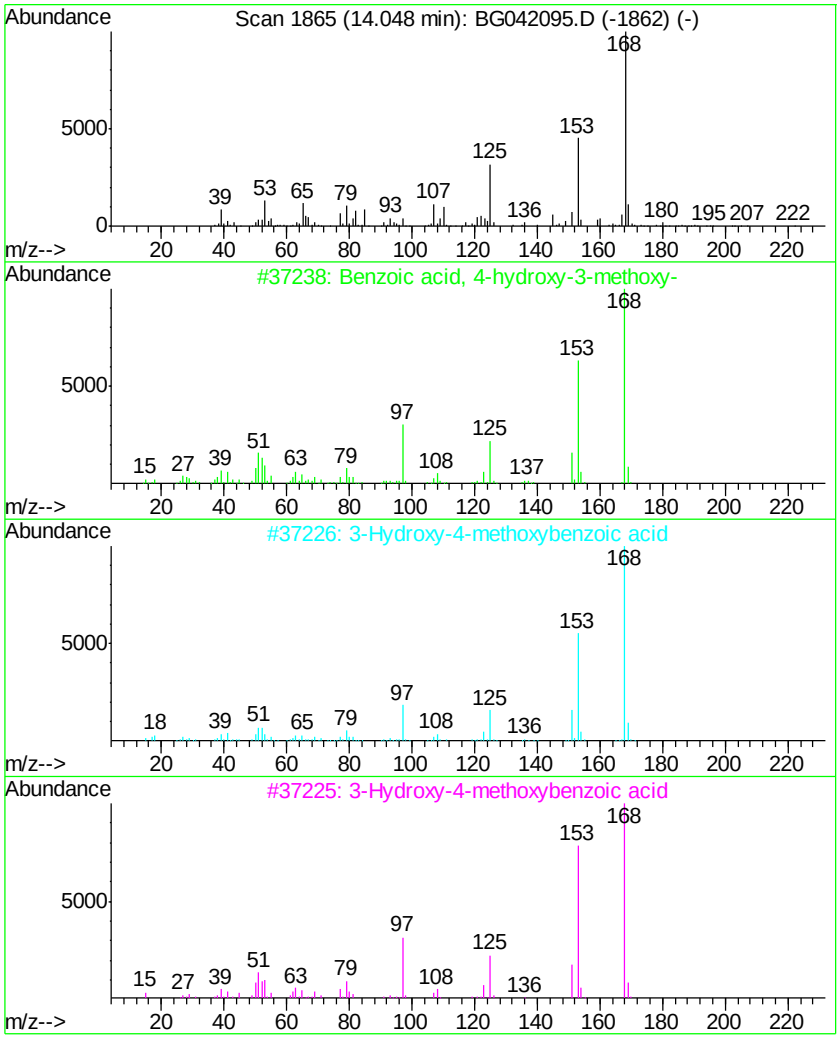
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

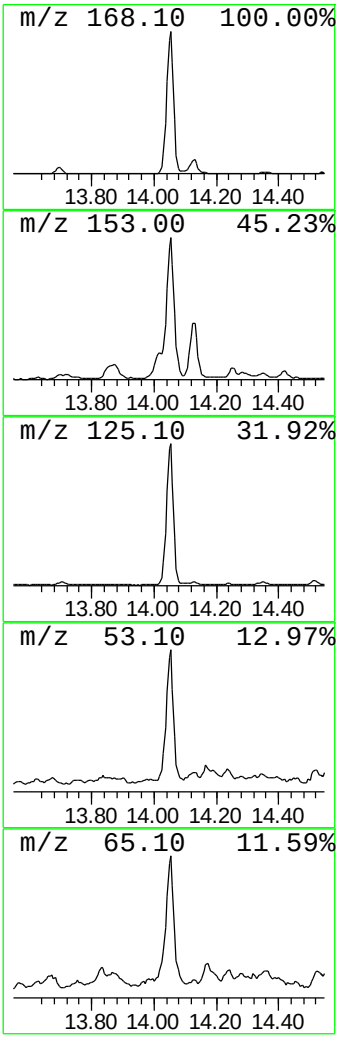
****

Peak Number 32 Benzoic acid, 4-hydroxy-3-m... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.05	51.04 ng/ul	3864390	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzoic acid, 4-hydroxy-3-methoxy-	168	C8H8O4	000121-34-6	64
2	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	64
3	3-Hydroxy-4-methoxybenzoic acid	168	C8H8O4	000645-08-9	59
4	2,5-Dimethoxybenzyl alcohol	168	C9H12O3	033524-31-1	58
5	Phenol, 4-methoxy-3-(methoxymeth...	168	C9H12O3	059907-65-2	53





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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

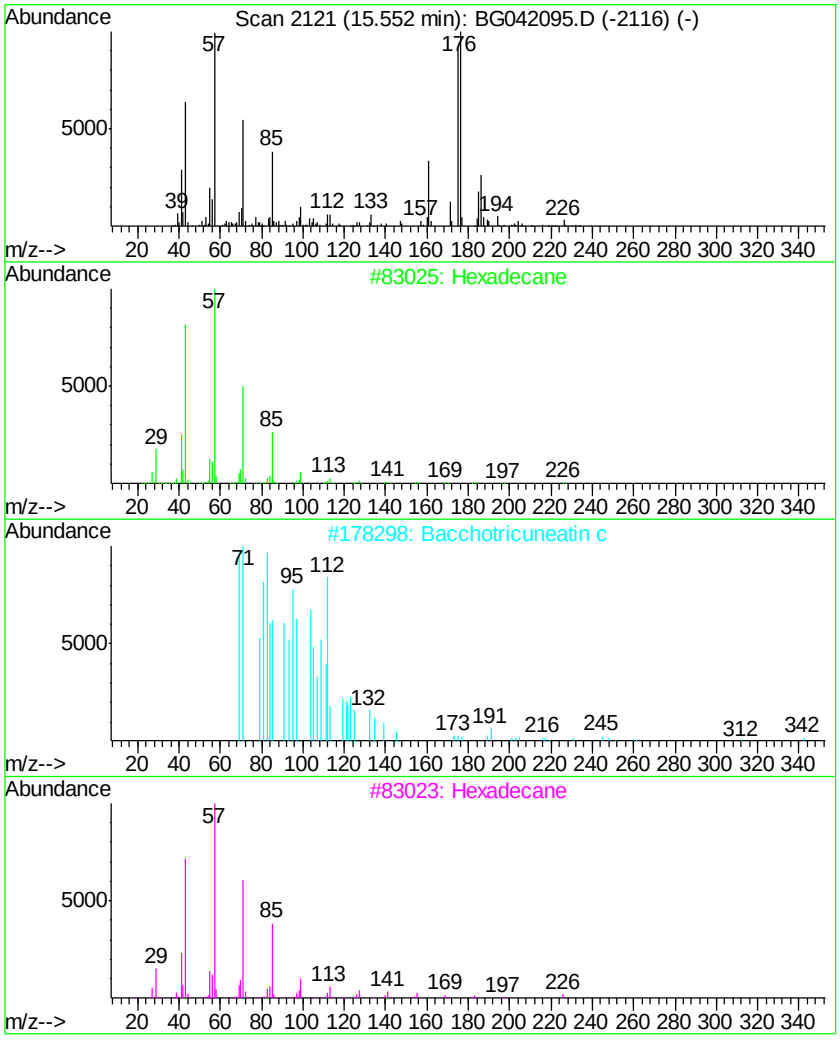
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

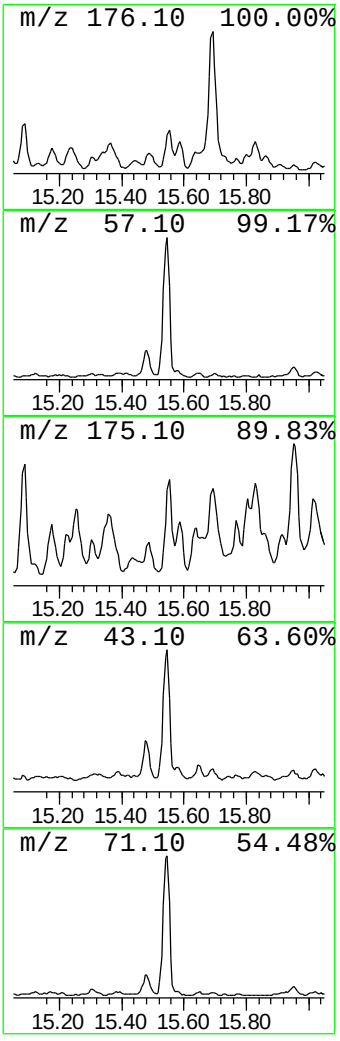
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 39 (DEL) Alkane: Straight-Chai... Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.55	15.57 ng/ul	1178720	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	86
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	74
3	Hexadecane	226	C16H34	000544-76-3	60
4	Hexadecane	226	C16H34	000544-76-3	46
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	38





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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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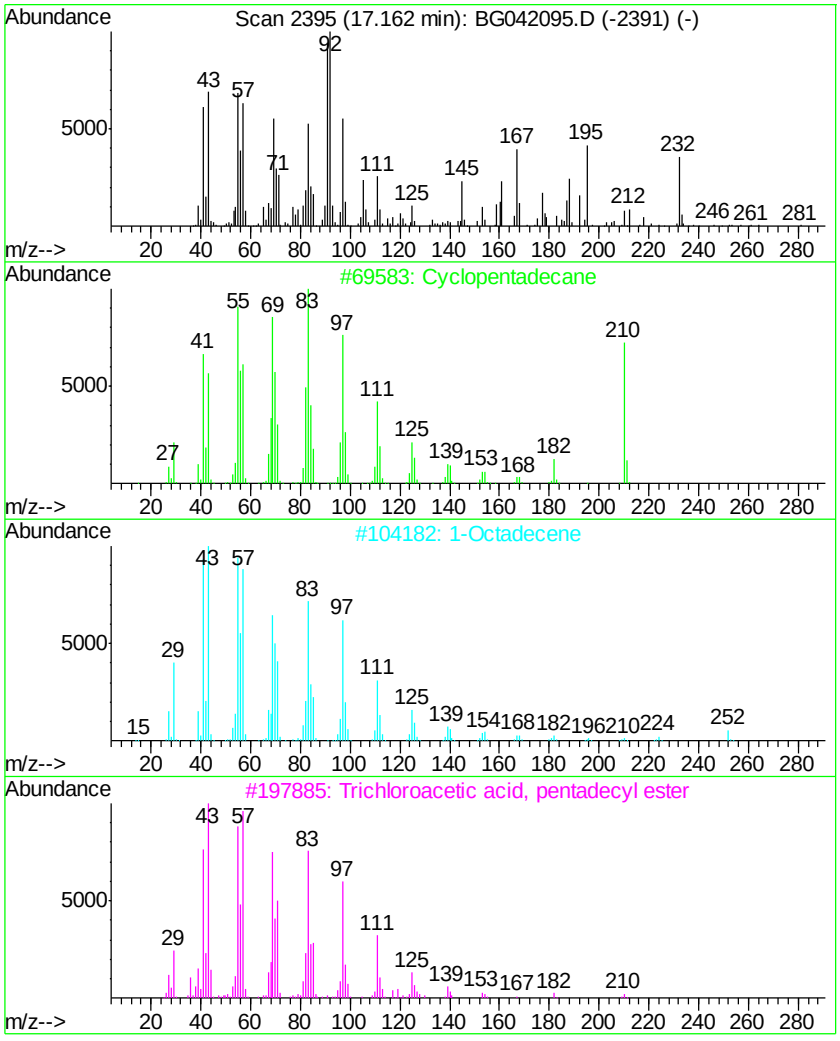
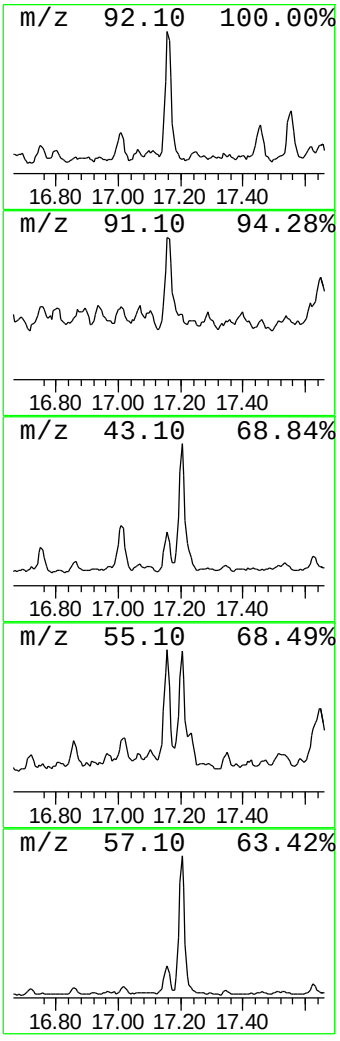
Peak Number 53 (DEL) Alkane: Cyclic17.16 Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.16	12.92 ng/ul	590991	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	59
2	1-Octadecene	252	C18H36	000112-88-9	59
3	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	59
4	1-Pentadecene	210	C15H30	013360-61-7	49
5	10-Heneicosene (c,t)	294	C21H42	095008-11-0	46





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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

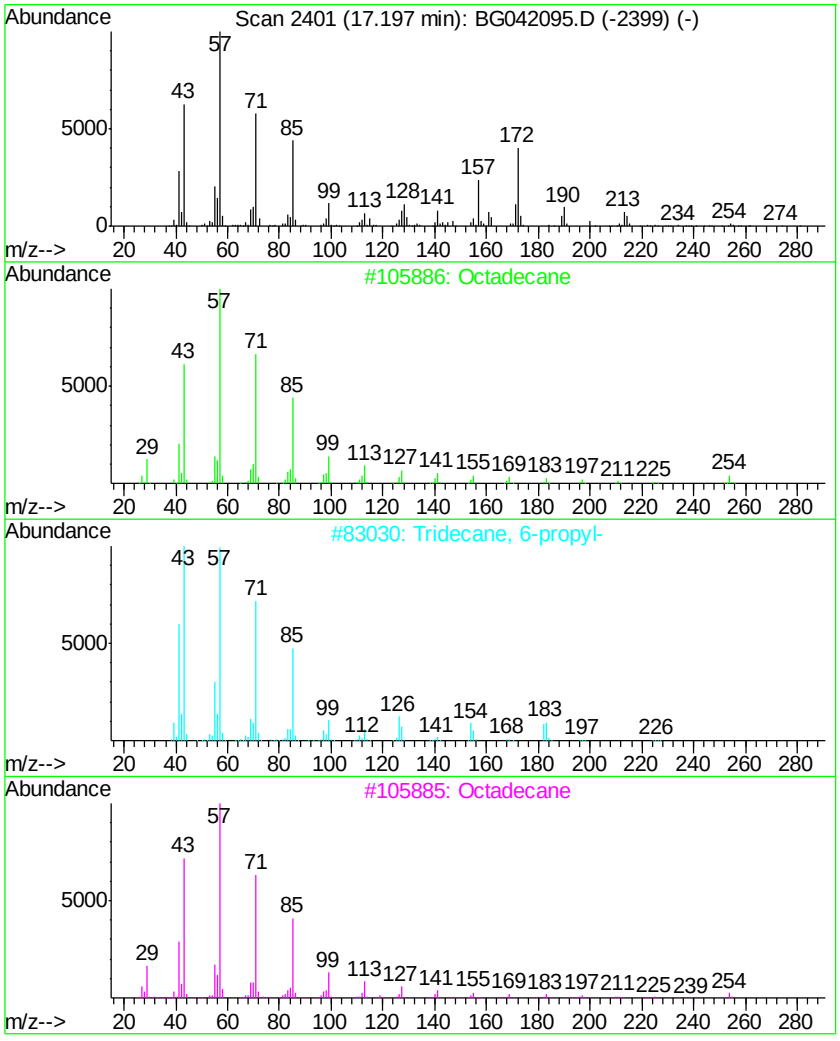
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

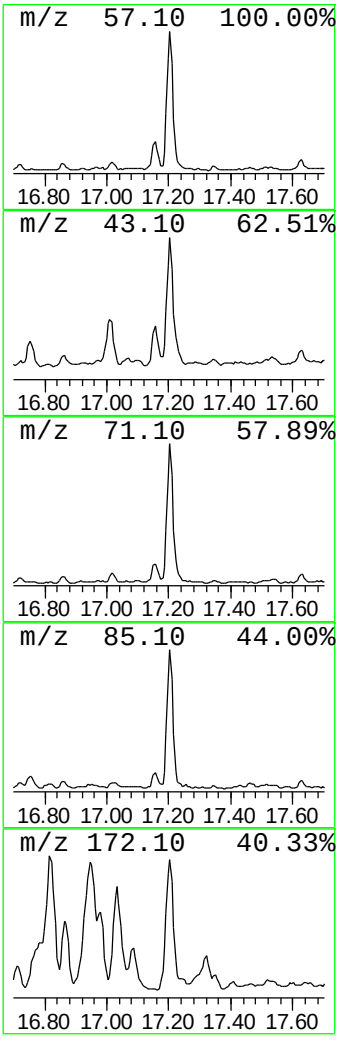
****

Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.20	33.65 ng/ul	1538770	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	86
2	Tridecane, 6-propyl-	226	C16H34	055045-10-8	64
3	Octadecane	254	C18H38	000593-45-3	64
4	Octadecane	254	C18H38	000593-45-3	64
5	Hexadecane	226	C16H34	000544-76-3	50





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Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

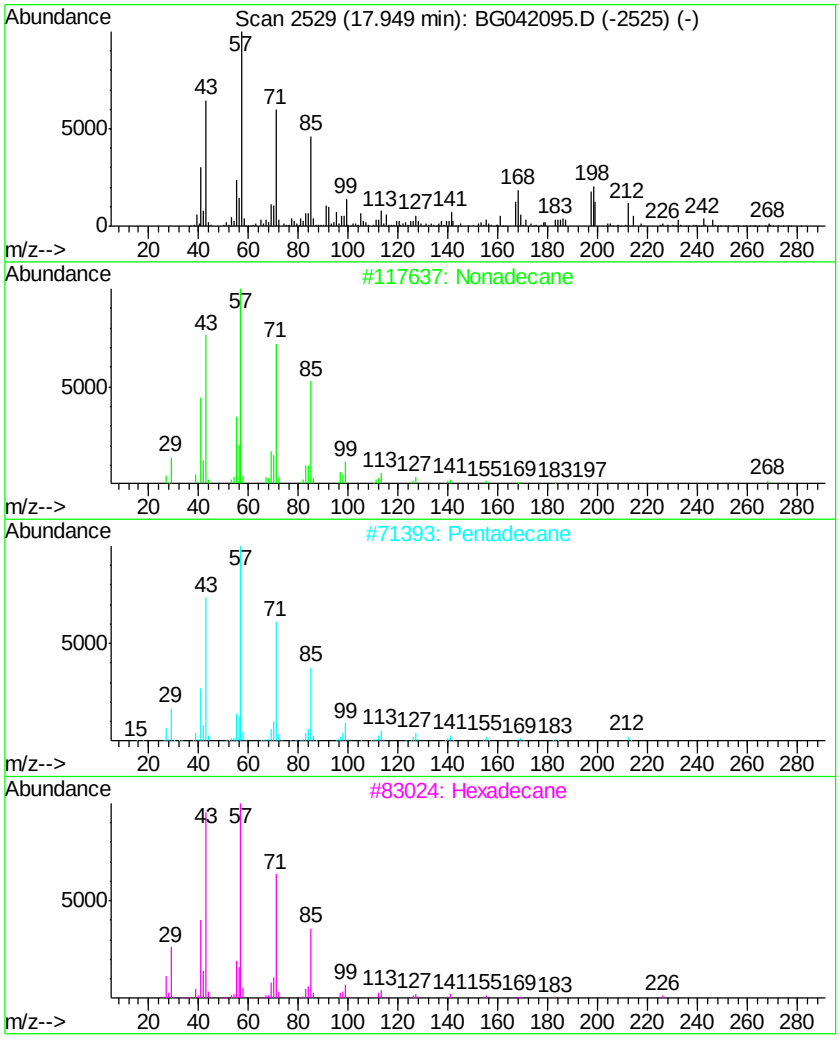
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

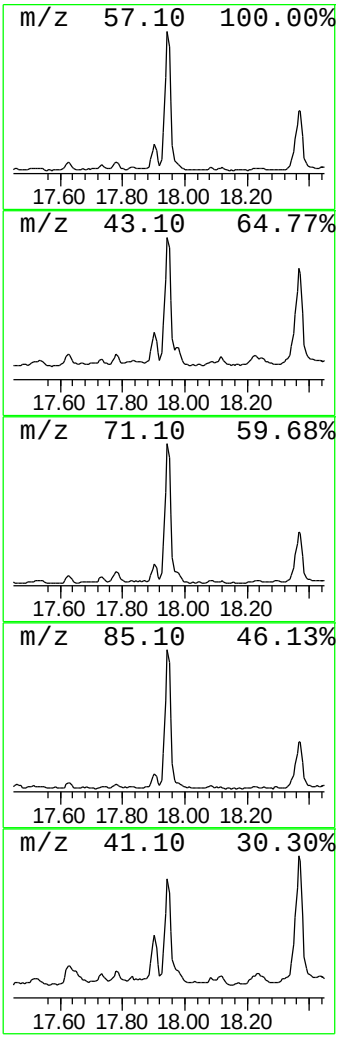
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 57 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.95	46.25 ng/ul	2114950	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	96
2	Pentadecane	212	C15H32	000629-62-9	91
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	83
5	Tridecane	184	C13H28	000629-50-5	64





Library Search Compound Report

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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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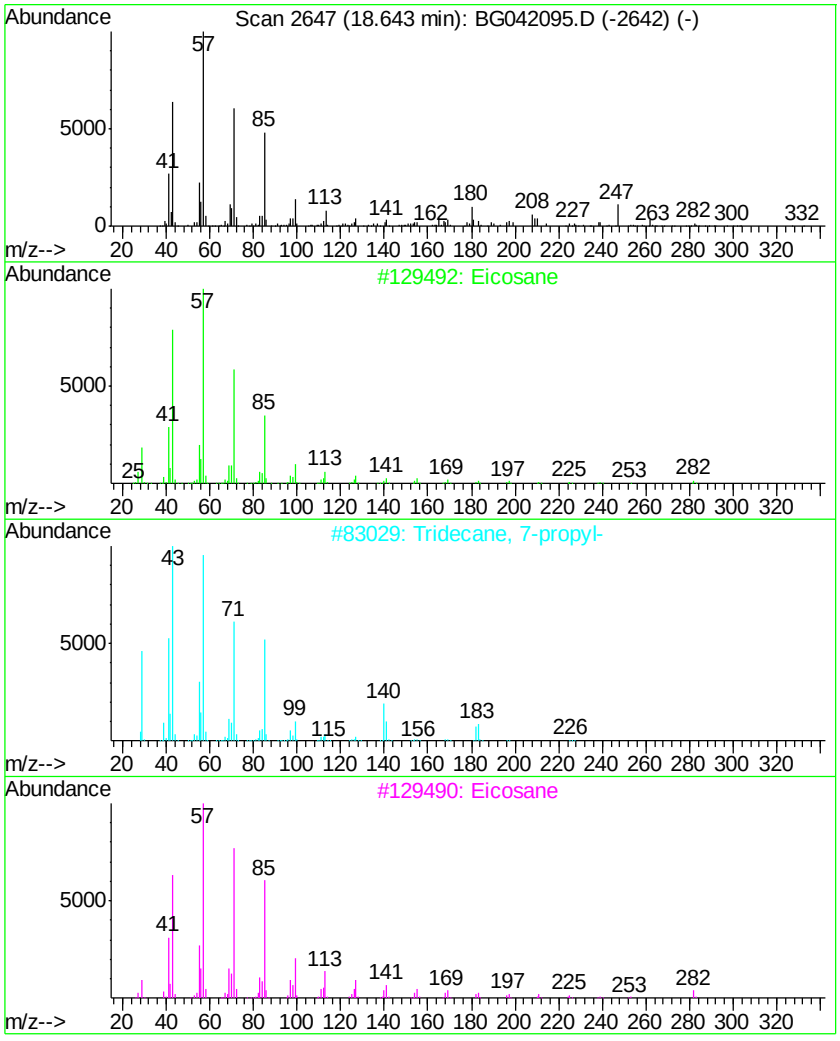
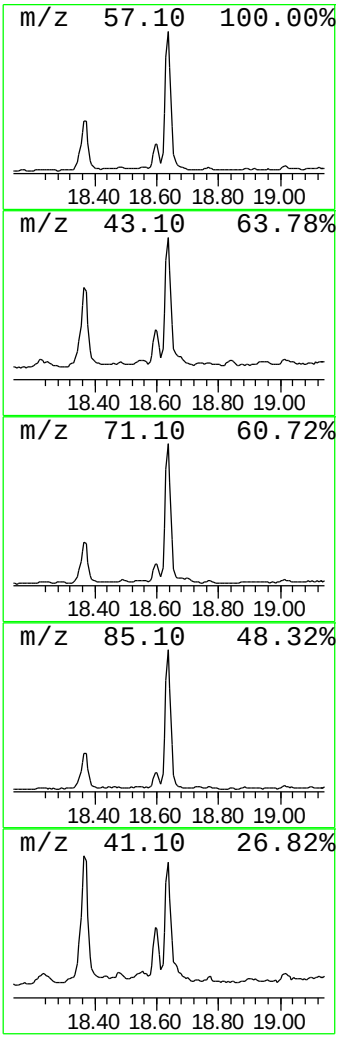
Peak Number 60 (DEL) Alkane: Straight-Chai... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.64	31.88 ng/ul	1457790	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	98
2	Tridecane, 7-propyl-	226	C16H34	055045-09-5	87
3	Eicosane	282	C20H42	000112-95-8	83
4	Tetracosane	338	C24H50	000646-31-1	83
5	Tridecane, 6-propyl-	226	C16H34	055045-10-8	83





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Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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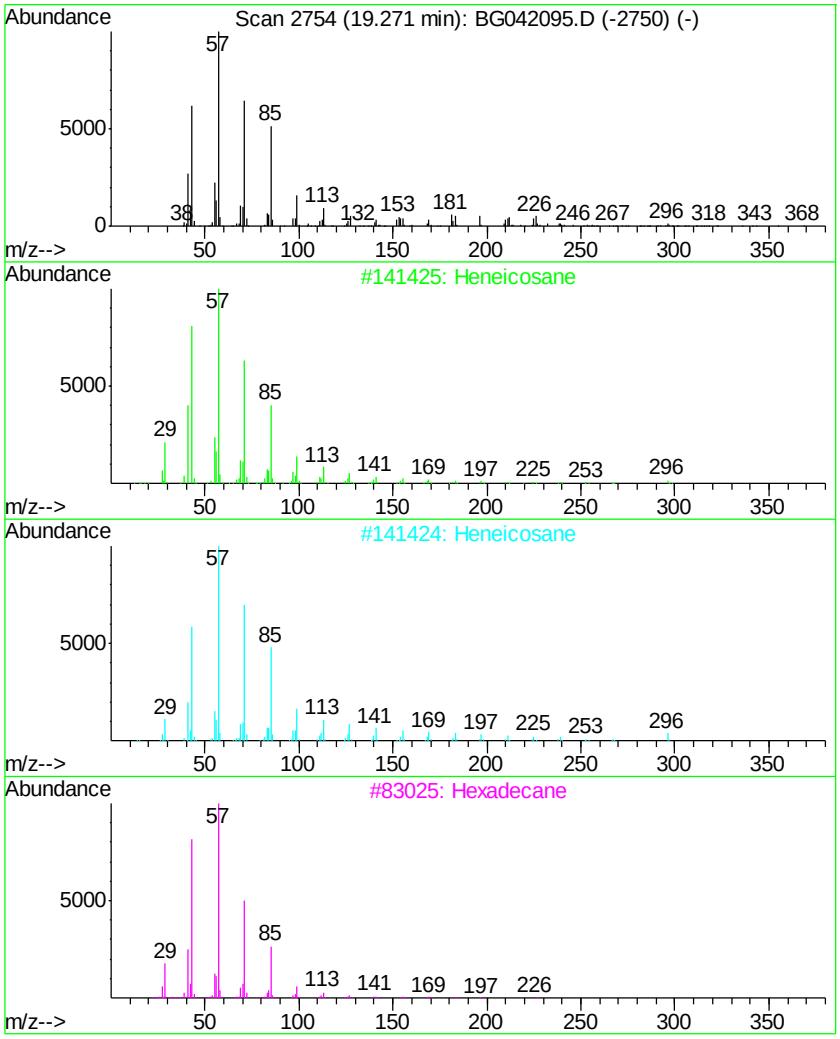
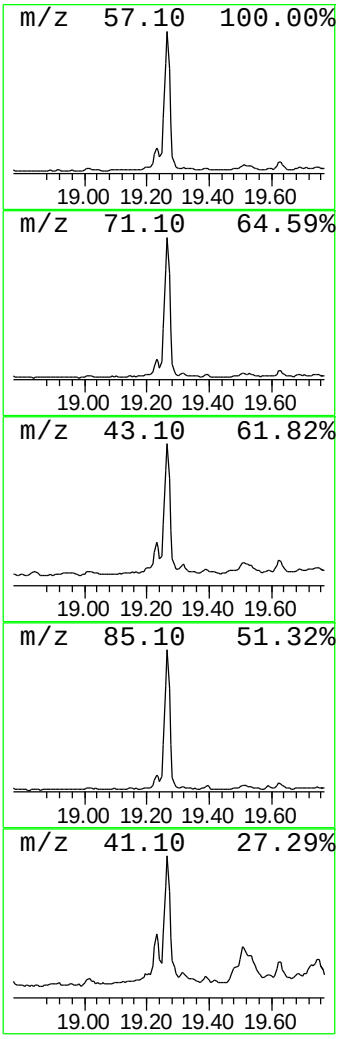
Peak Number 62 (DEL) Alkane: Straight-Chai... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	60.64 ng/ul	2772950	Phenanthrene-d10	17.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	98
2	Heneicosane	296	C21H44	000629-94-7	97
3	Hexadecane	226	C16H34	000544-76-3	97
4	Hexadecane	226	C16H34	000544-76-3	96
5	Heneicosane	296	C21H44	000629-94-7	96





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

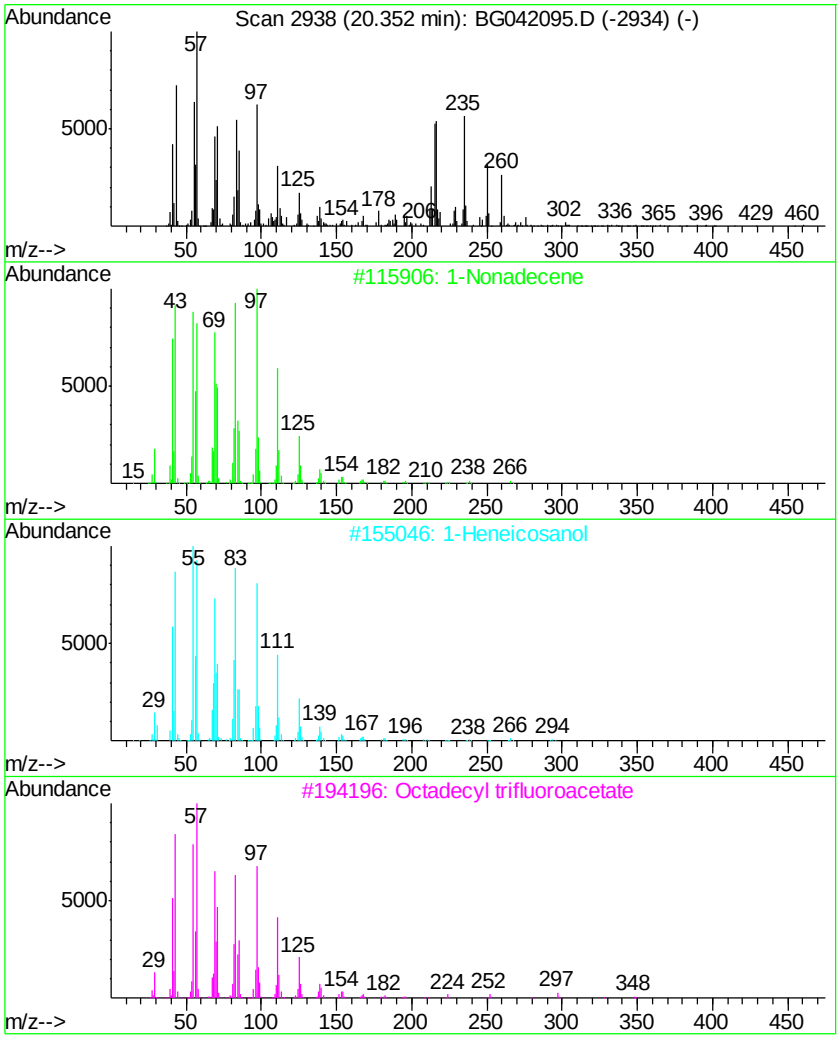
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

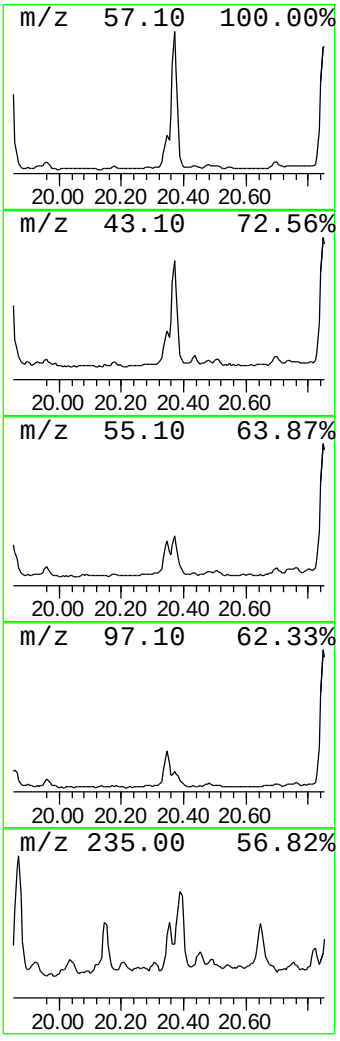
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 63 (DEL) Alkane: Straight-Chai... Concentration Rank 69

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.35	2.22 ng/ul	891135	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	92
2	1-Heneicosanol	312	C21H44O	015594-90-8	86
3	Octadecyl trifluoroacetate	366	C20H37F3O2	079392-43-1	86
4	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	86
5	Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	86





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Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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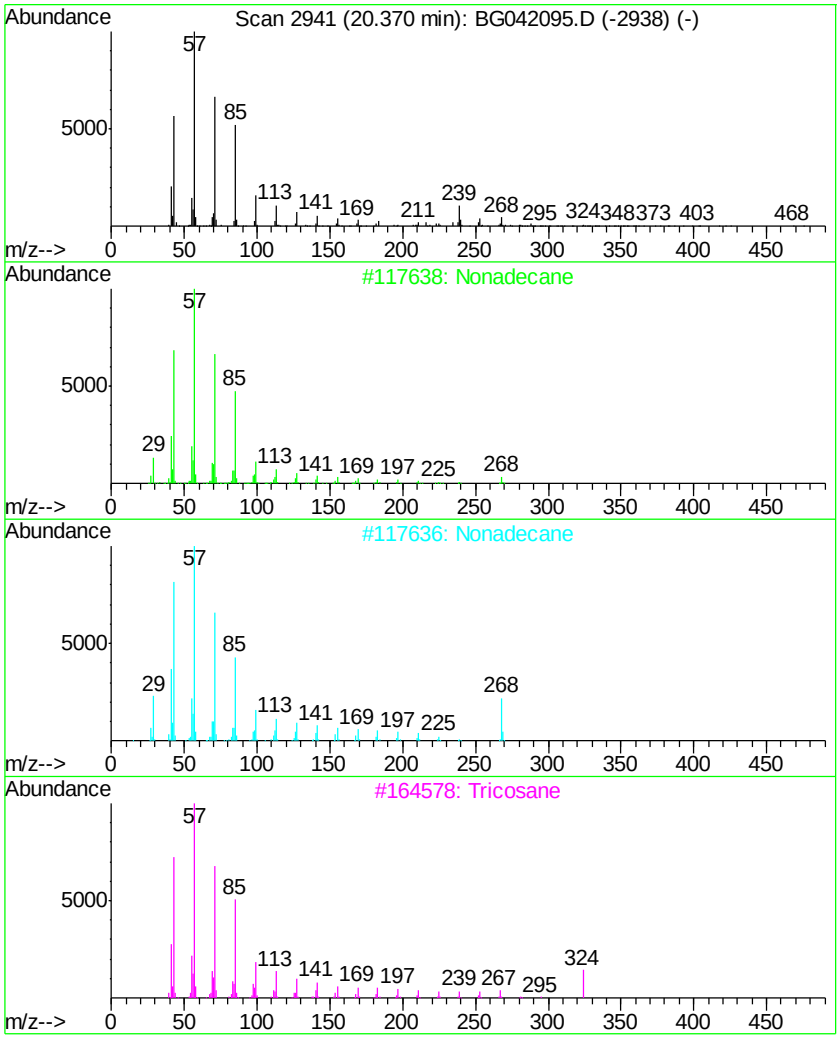
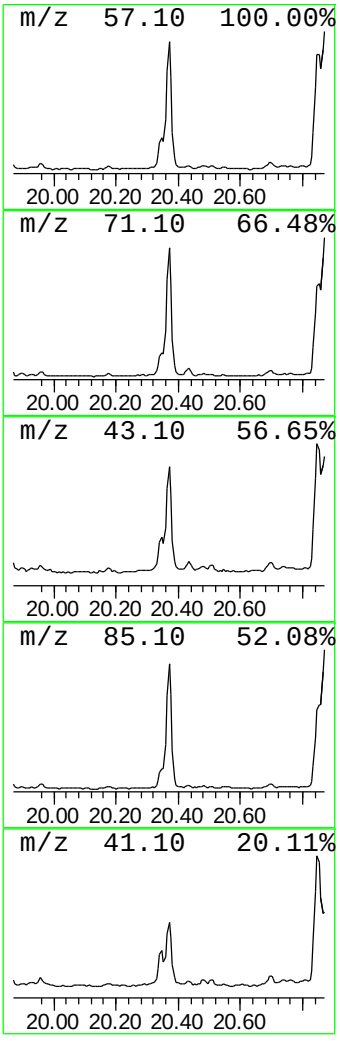
Peak Number 64 (DEL) Alkane: Straight-Chai... Concentration Rank 68

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	6.31 ng/ul	2528190	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	87
2	Nonadecane	268	C19H40	000629-92-5	83
3	Tricosane	324	C23H48	000638-67-5	81
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	80
5	Heptadecane	240	C17H36	000629-78-7	74





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Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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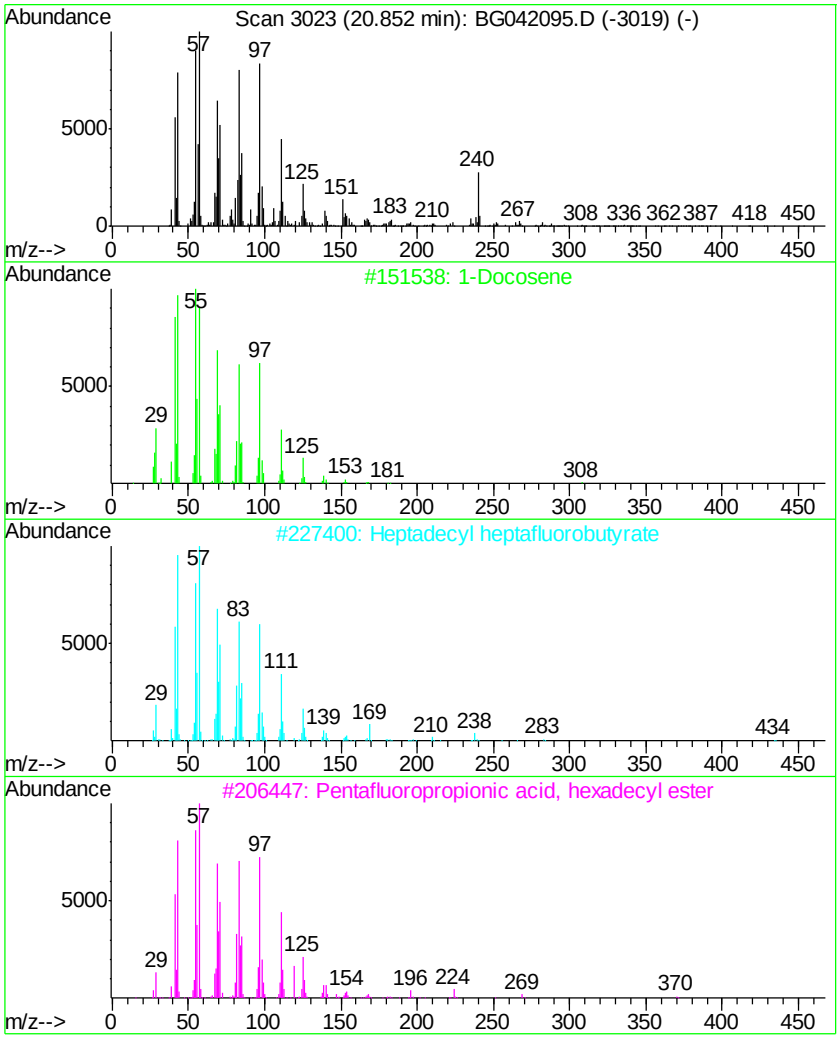
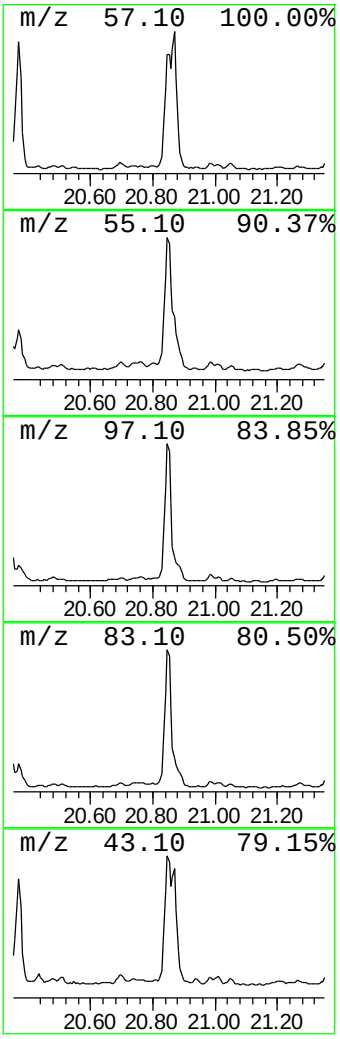
Peak Number 65 (DEL) Alkane: Cyclic20.85 Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	21.65 ng/ul	8677850	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	94
3	Pentafluoropropionic acid, hexad...	388	C19H33F5O2	006222-07-7	94
4	Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5	Heptafluorobutyric acid, hexadec...	438	C20H33F7O2	006385-15-5	94





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080819\
Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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

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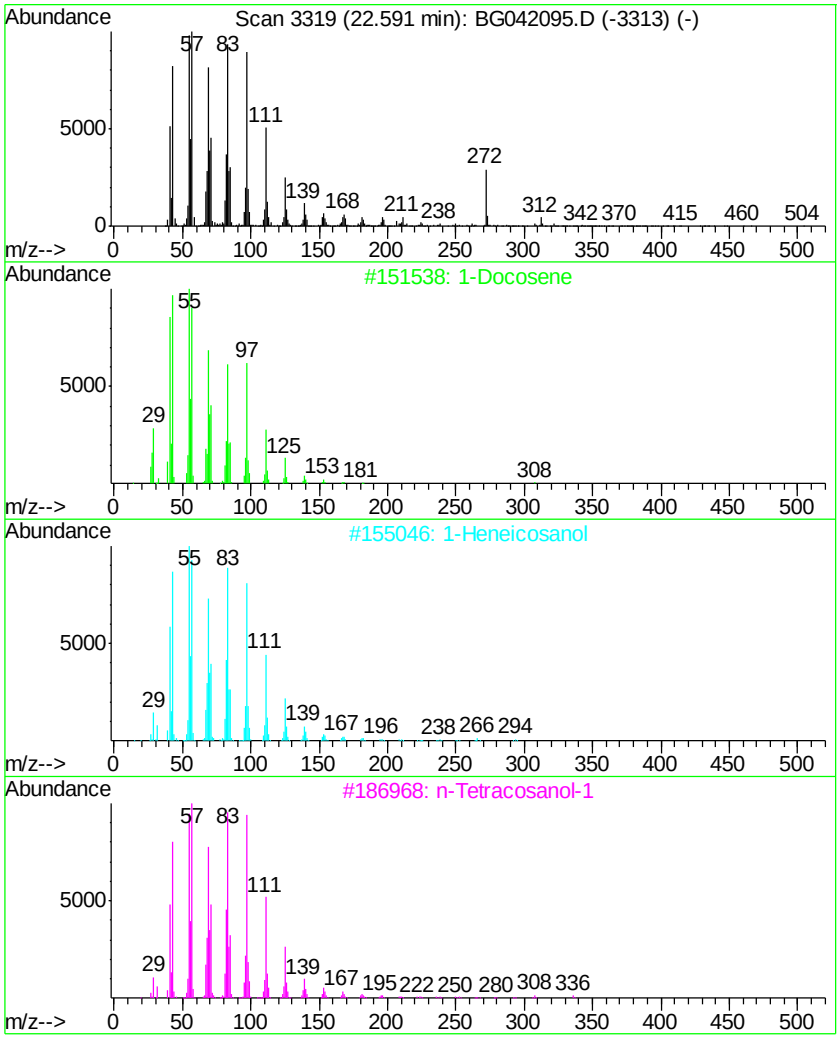
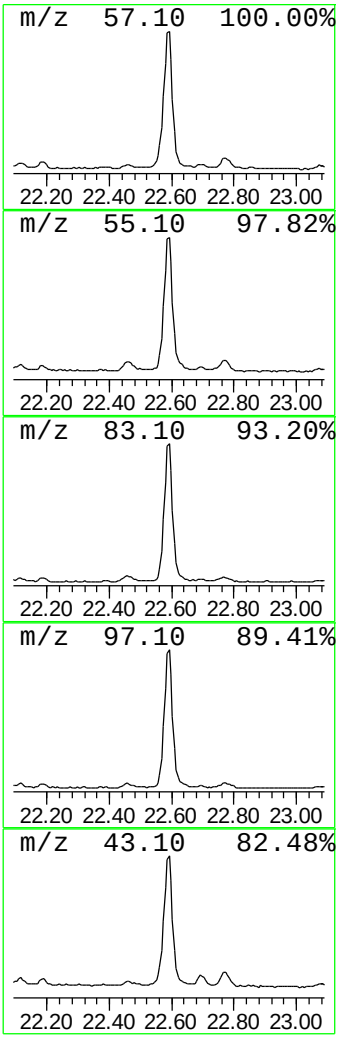
Peak Number 67 (DEL) Alkane: Cyclic22.59 Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.59	13.80 ng/ul	5532450	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	1-Heneicosanol	312	C21H44O	015594-90-8	95
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	94
4	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG080819\
Data File : BG042095.D
Acq On : 9 Aug 2019 10:10
Operator : HP/JU
Sample : K4147-06
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM8

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.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
Butane, 2-methoxy...	3.15	93.1	ng/ul	2370420	1	8.03	509068	20.0
Benzene, 4-ethyl-...	9.14	26.3	ng/ul	669959	1	8.03	509068	20.0
Benzofuran, 2-met...	9.51	12.6	ng/ul	574630	2	10.85	910762	20.0
2-Propenal, 3-phe...	9.58	17.3	ng/ul	788941	2	10.85	910762	20.0
Phenol, 3-ethyl-	10.29	43.3	ng/ul	1973730	2	10.85	910762	20.0
Phenol, 3,5-dimet...	10.33	28.6	ng/ul	1302970	2	10.85	910762	20.0
unknown-01	10.71	20.0	ng/ul	910416	2	10.85	910762	20.0
1H-Benzimidazole,...	11.10	35.2	ng/ul	1604590	2	10.85	910762	20.0
Benzonitrile, 4-(...	11.23	23.7	ng/ul	1079240	2	10.85	910762	20.0
1H-Indazole, 3,6-...	11.27	38.5	ng/ul	1752560	2	10.85	910762	20.0
Phenol, 3-propyl-	11.69	58.6	ng/ul	2666630	2	10.85	910762	20.0
Phenol, 2,4,5-tri...	11.89	13.0	ng/ul	592467	2	10.85	910762	20.0
Phenol, 2,3,6-tri...	11.94	24.3	ng/ul	1105160	2	10.85	910762	20.0
Phenol, 4-ethyl-2...	12.03	24.3	ng/ul	1106620	2	10.85	910762	20.0
1H-Indene, 1,3-di...	12.07	20.0	ng/ul	910350	2	10.85	910762	20.0
(DEL) Alkane: Cyc...	12.17	15.0	ng/ul	685055	2	10.85	910762	20.0
(DEL) Alkane: Str...	12.28	13.1	ng/ul	596461	2	10.85	910762	20.0
1H-Inden-1-one, 2...	12.41	17.8	ng/ul	808714	2	10.85	910762	20.0
2,5,6-Trimethylbe...	12.57	19.2	ng/ul	873269	2	10.85	910762	20.0
1H-Indene, 1-ethy...	12.74	32.0	ng/ul	1456680	2	10.85	910762	20.0
4-(Borane-dimethy...	12.89	9.7	ng/ul	736297	3	14.69	1514140	20.0
Phenol, 2,6-dimet...	12.96	25.0	ng/ul	1896060	3	14.69	1514140	20.0
unknown-02	13.11	8.0	ng/ul	606948	3	14.69	1514140	20.0
Phenol, 2-methoxy...	13.18	12.6	ng/ul	955442	3	14.69	1514140	20.0
unknown-03	13.30	9.0	ng/ul	683100	3	14.69	1514140	20.0
1,2,3-Trimethylin...	13.43	23.4	ng/ul	1773400	3	14.69	1514140	20.0
Phenol, 2-(2-pent...	13.66	9.2	ng/ul	693363	3	14.69	1514140	20.0
4-Dimethylaminopy...	13.75	7.8	ng/ul	587672	3	14.69	1514140	20.0
Naphthalene, 1,5-...	13.87	38.2	ng/ul	2889600	3	14.69	1514140	20.0
Naphthalene, 1,3-...	14.02	19.9	ng/ul	1505920	3	14.69	1514140	20.0
Benzoic acid, 4-h...	14.05	51.0	ng/ul	3864390	3	14.69	1514140	20.0
(DEL) Alkane: Str...	15.55	15.6	ng/ul	1178720	3	14.69	1514140	20.0
(DEL) Alkane: Cyc...	17.16	12.9	ng/ul	590991	4	17.46	914568	20.0
(DEL) Alkane: Str...	17.20	33.6	ng/ul	1538770	4	17.46	914568	20.0
(DEL) Alkane: Str...	17.95	46.3	ng/ul	2114950	4	17.46	914568	20.0
(DEL) Alkane: Str...	18.64	31.9	ng/ul	1457790	4	17.46	914568	20.0
(DEL) Alkane: Str...	19.27	60.6	ng/ul	2772950	4	17.46	914568	20.0
(DEL) Alkane: Str...	20.35	2.2	ng/ul	891135	5	21.74	8016440	20.0
(DEL) Alkane: Str...	20.37	6.3	ng/ul	2528190	5	21.74	8016440	20.0
(DEL) Alkane: Cyc...	20.85	21.6	ng/ul	8677850	5	21.74	8016440	20.0
(DEL) Alkane: Cyc...	22.59	13.8	ng/ul	5532450	5	21.74	8016440	20.0