LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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	3.147	5	10	32	rVB	1612494	2595715	38.68%	2.211%
2	7.177	690	696	703	rVV2	333545	688160	10.26%	0.586%
3	7.342	718	724	730	rBV	186207	346921	5.17%	0.296%
4	7.553	756	760	771	rVV	287545	527719	7.86%	0.450%
5	7.677	771	781	788	rVV2	298593	729275	10.87%	0.621%
6	8.029	834	841	846	rBV	224905	415615	6.19%	0.354%
7	8.575	929	934	941	rVB3	172683	323631	4.82%	0.276%
8	8.675	941	951	956	rBV2	247235	495088	7.38%	0.422%
9	8.734	956	961	969	rVB	348315	620867	9.25%	0.529%
10	9.145	1022	1031	1035	rBV2	291204	537464	8.01%	0.458%
11	9.510	1087	1093	1100	rVV	175010	407960	6.08%	0.348%
12	9.586	1100	1106	1112	rVB	328549	551481	8.22%	0.470%
13	9.927	1153	1164	1170	rBV3	246447	531937	7.93%	0.453%
14	10.256	1213	1220	1229	rBV6	367866	1150379	17.14%	0.980%
15	10.473	1252	1257	1266	rVB	417380	814045	12.13%	0.693%
16	10.708	1289	1297	1302	rBV3	326783	621459	9.26%	0.529%
17	10.838	1311	1319	1326	rVV3	503487	1251725	18.65%	1.066%
18	10.902	1326	1330	1337	rVV	447172	806059	12.01%	0.687%
19	10.990	1337	1345	1350	rVV2	274039	736102	10.97%	0.627%
20	11.043	1351	1354	1359	rVV	169191	384272	5.73%	0.327%
21	11.102	1359	1364	1378	rVB2	412212	1323042	19.72%	1.127%
22	11.225	1378	1385	1388	rBV3	421367	751195	11.19%	0.640%
23	11.266	1388	1392	1399	rVV	803667	1530329	22.81%	1.304%
24	11.337	1399	1404	1408	rVV	246764	415677	6.19%	0.354%
25	11.684	1458	1463	1473	rBV4	239951	511071	7.62%	0.435%
26	11.772	1473	1478	1486	rBV3	146603	333109	4.96%	0.284%
27	12.071	1526	1529	1538	rVB2	327045	631872	9.42%	0.538%
28	12.177	1539	1547	1555	rBV6	342995	863836	12.87%	0.736%
29	12.277	1555	1564	1570	rVB3	365432	804356	11.99%	0.685%
30	12.336	1570	1574	1581	rBV2	177776	427688	6.37%	0.364%
31	12.406	1581	1586	1596	rVB3	281238	752096	11.21%	0.641%
32	12.518	1598	1605	1610	rBV	1003646	1758389	26.20%	1.498%
33	12.571	1610	1614	1618	rBV	501387	720442	10.74%	0.614%
34	12.653	1624	1628	1631	rBV2	197798	327833	4.89%	0.279%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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	12.735	1638	1642	1653	rVB	741581	1238861	18.46%	1.055%
36	12.835	1653	1659	1664	rBV	420231	833248	12.42%	0.710%
37	12.941	1671	1677	1682	rVB3	198358	518484	7.73%	0.442%
38	13.105	1698	1705	1708	rBV4	329535	612669	9.13%	0.522%
39	13.182	1714	1718	1725	rVB2	255884	573667	8.55%	0.489%
40	13.423	1746	1759	1764	rBV5	640266	1554172	23.16%	1.324%
41	13.481	1764	1769	1772	rVV3	253599	484389	7.22%	0.413%
42	13.517	1772	1775	1780	rVB2	675187	927324	13.82%	0.790%
43	13.852	1828	1832	1833	rBV2	389009	468717	6.99%	0.399%
44	14.016	1851	1860	1863	rBV2	727669	1645025	24.52%	1.401%
45	14.063	1865	1868	1871	rVV3	343515	501291	7.47%	0.427%
46	14.169	1883	1886	1893	rVB8	318042	726455	10.83%	0.619%
47	14.245	1894	1899	1903	rBV3	418607	847026	12.62%	0.722%
48	14.386	1916	1923	1931	rVB2	861774	1888038	28.14%	1.608%
49	14.516	1939	1945	1950	rBV7	473047	873931	13.02%	0.744%
50	14.592	1952	1958	1966	rVV3	698286	1555967	23.19%	1.325%
51	14.692	1967	1975	1980	rVV4	726100	1557396	23.21%	1.327%
52	14.762	1980	1987	1994	rVV9	267939	858873	12.80%	0.732%
53	14.845	1995	2001	2006	rVV	900646	1596580	23.79%	1.360%
54	14.897	2006	2010	2020	rVB6	328677	841977	12.55%	0.717%
55	15.091	2037	2043	2052	rVB2	702876	1415575	21.10%	1.206%
56	15.168	2052	2056	2062	rVB2	406386	563818	8.40%	0.480%
57	15.368	2086	2090	2096	rVB6	351777	669177	9.97%	0.570%
58	15.473	2102	2108	2113	rVB5	647233	1421988	21.19%	1.211%
59	15.544	2113	2120	2123	rBV3	621449	1069867	15.94%	0.911%
60	15.638	2131	2136	2140	rBV	1645410	2526254	37.65%	2.152%
61	15.685	2140	2144	2149	rVV	1113190	1815088	27.05%	1.546%
62	15.738	2149	2153	2159	rVB2	731129	1176895	17.54%	1.002%
63	15.820	2164	2167	2171	rVB4	274301	338182	5.04%	0.288%
64	15.949	2185	2189	2196	rBV6	314831	654122	9.75%	0.557%
65	16.026	2197	2202	2211	rVB5	464229	1242447	18.52%	1.058%
66	16.184	2226	2229	2236	rVB2	472991	914831	13.63%	0.779%
67	16.355	2254	2258	2263	rVB2	605517	980345	14.61%	0.835%
68	16.407	2263	2267	2272	rBV3	698632	994572	14.82%	0.847%
69	16.560	2289	2293	2301	rVB6	317690	605827	9.03%	0.516%
70	16.631	2301	2305	2310	rBV3	561687	829456	12.36%	0.707%
71	16.736	2318	2323	2330	rVB5	831209	1737228	25.89%	1.480%

LSC Area Percent Report

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Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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	16.801	2330	2334	2338	rBV3	543753	803705	11.98%	0.685%
73	16.989	2363	2366	2368	rBV2	271765	359710	5.36%	0.306%
74	17.154	2391	2394	2396	rBV2	364032	486509	7.25%	0.414%
75	17.295	2415	2418	2423	rVB	767249	1106892	16.50%	0.943%
76	17.389	2431	2434	2438	rBV3	270429	376441	5.61%	0.321%
77	17.447	2439	2444	2448	rBV2	902587	1439310	21.45%	1.226%
78	17.489	2448	2451	2456	rVB	512670	695771	10.37%	0.593%
79	17.547	2456	2461	2465	rBV	1350458	2047759	30.52%	1.744%
80	17.900	2518	2521	2524	rVB3	507653	602668	8.98%	0.513%
81	17.941	2525	2528	2535	rVV	842714	1083416	16.15%	0.923%
82	18.352	2590	2598	2600	rBV5	946474	1823176	27.17%	1.553%
83	18.517	2623	2626	2630	rBV3	361228	599118	8.93%	0.510%
84	18.634	2643	2646	2649	rVB	687448	734749	10.95%	0.626%
85	19.234	2744	2748	2750	rBV3	604090	931939	13.89%	0.794%
86	19.263	2750	2753	2758	rVB2	1028985	1399566	20.86%	1.192%
87	19.498	2791	2793	2800	rVB3	575372	906793	13.51%	0.772%
88	19.809	2842	2846	2849	rBV	2890359	4107210	61.21%	3.499%
89	19.839	2849	2851	2862	rVB3	2825791	4139875	61.70%	3.526%
90	20.344	2934	2937	2938	rBV2	416620	471225	7.02%	0.401%
91	20.368	2939	2941	2946	rVB2	868403	928892	13.84%	0.791%
92	20.843	3018	3022	3032	rVB3	2499919	4221282	62.91%	3.596%
93	21.372	3107	3112	3120	rVB	4544243	6710158	100.00%	5.716%
94	21.537	3137	3140	3147	rVB	902512	1254507	18.70%	1.069%
95	21.736	3170	3174	3185	rVB2	785993	1518294	22.63%	1.293%
96	21.983	3213	3216	3221	rVB	703680	952071	14.19%	0.811%
97	22.583	3311	3318	3330	rVB2	2401780	5860141	87.33%	4.992%
98	24.798	3689	3695	3705	rVB	814674	2028249	30.23%	1.728%
99	25.697	3843	3848	3857	rVB2	597968	1496588	22.30%	1.275%
100	26.313	3946	3953	3964	rVB2	1130000	3564384	53.12%	3.036%

Sum of corrected areas: 117396969

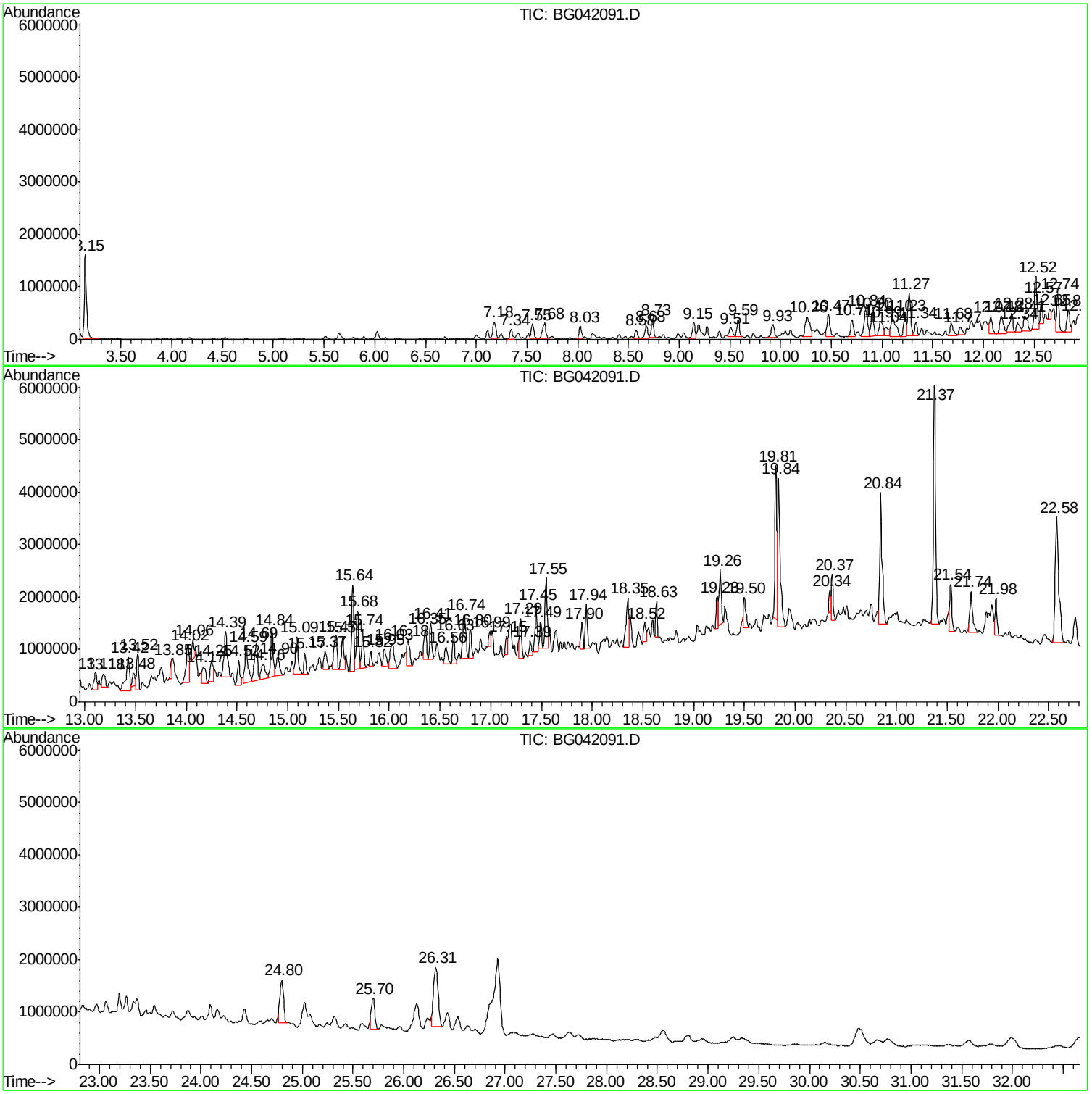
LSC Report - Integrated Chromatogram

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

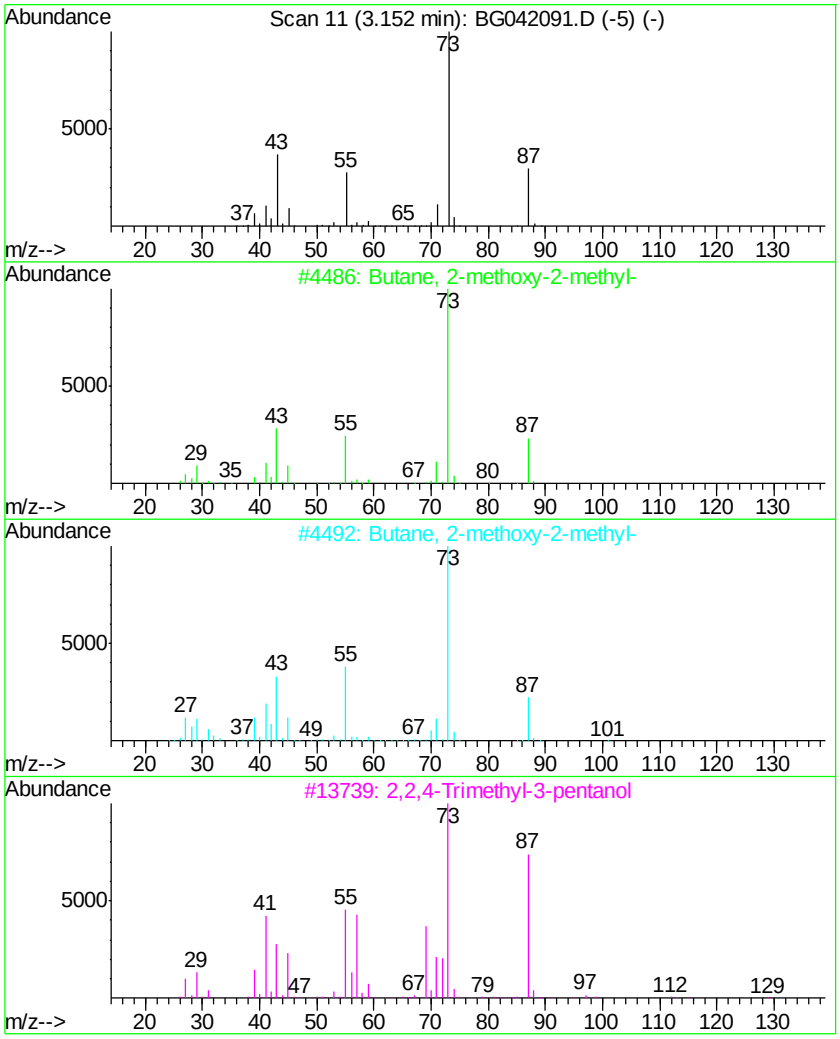
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

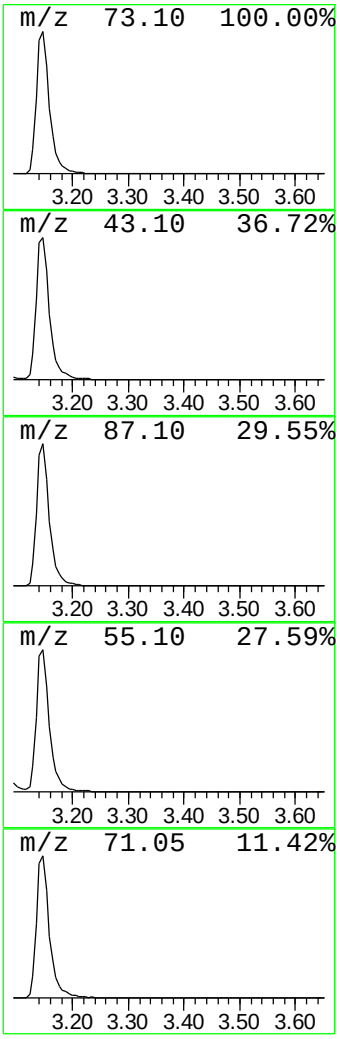
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	124.91 ng/ul	2595720	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	78
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	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	27





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

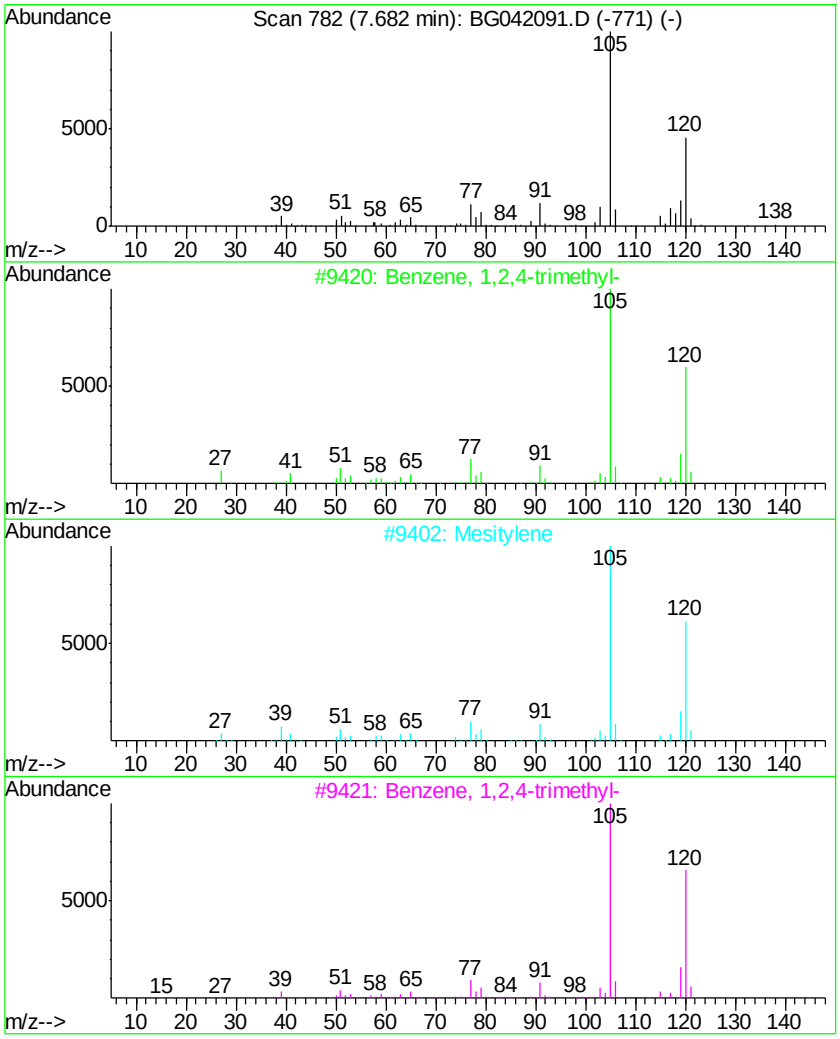
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

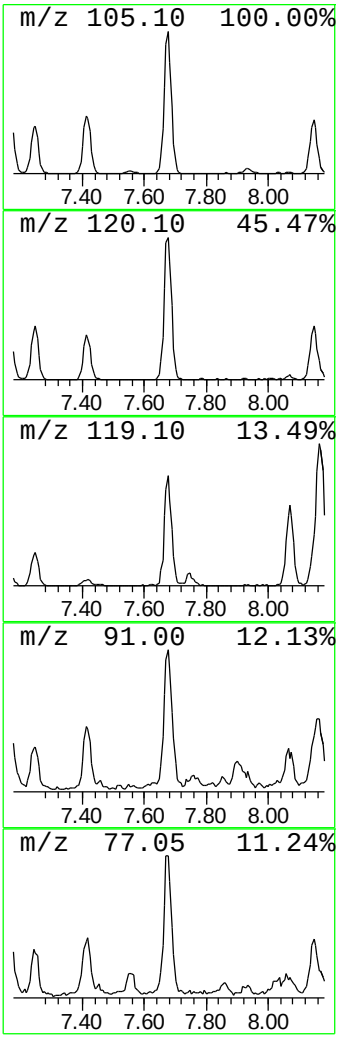
****

Peak Number 2 Benzene, 1,2,4-trimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.68	35.09 ng/ul	729275	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
2	Mesitylene	120	C9H12	000108-67-8	90
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
4	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	90
5	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	90





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

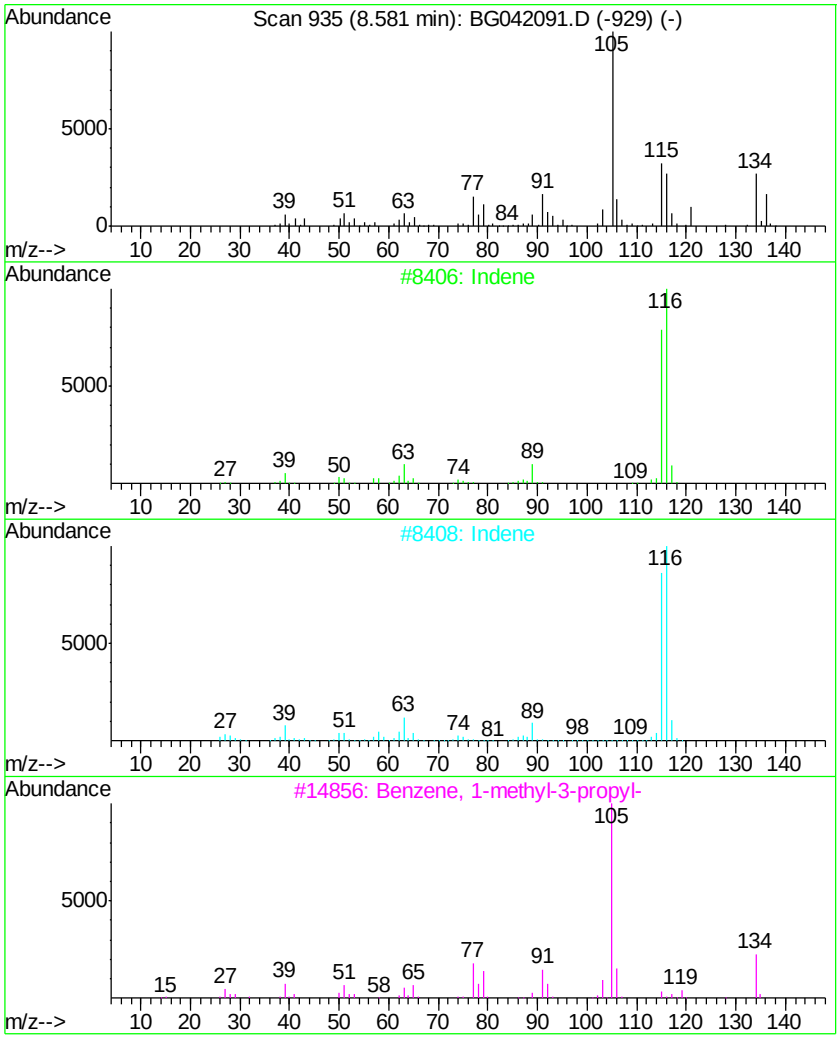
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

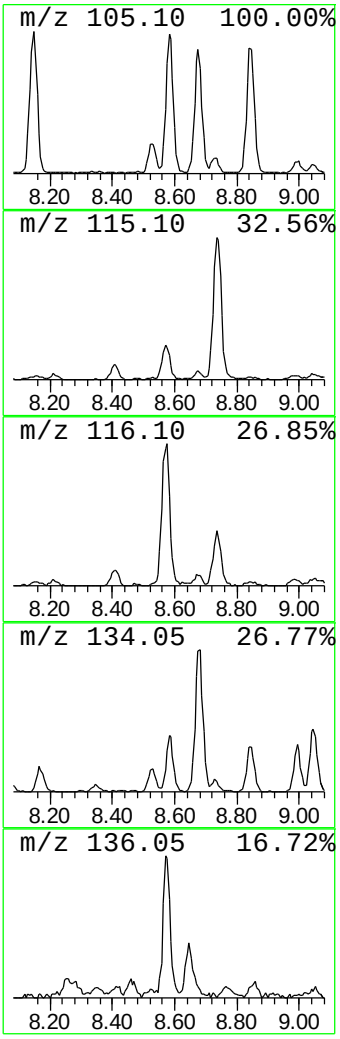
****

Peak Number 3 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.58	15.57 ng/ul	323631	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	46
2	Indene	116	C9H8	000095-13-6	46
3	Benzene, 1-methyl-3-propyl-	134	C10H14	001074-43-7	42
4	Indene	116	C9H8	000095-13-6	41
5	Benzene, 1-propynyl-	116	C9H8	000673-32-5	41





Library Search Compound Report

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Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

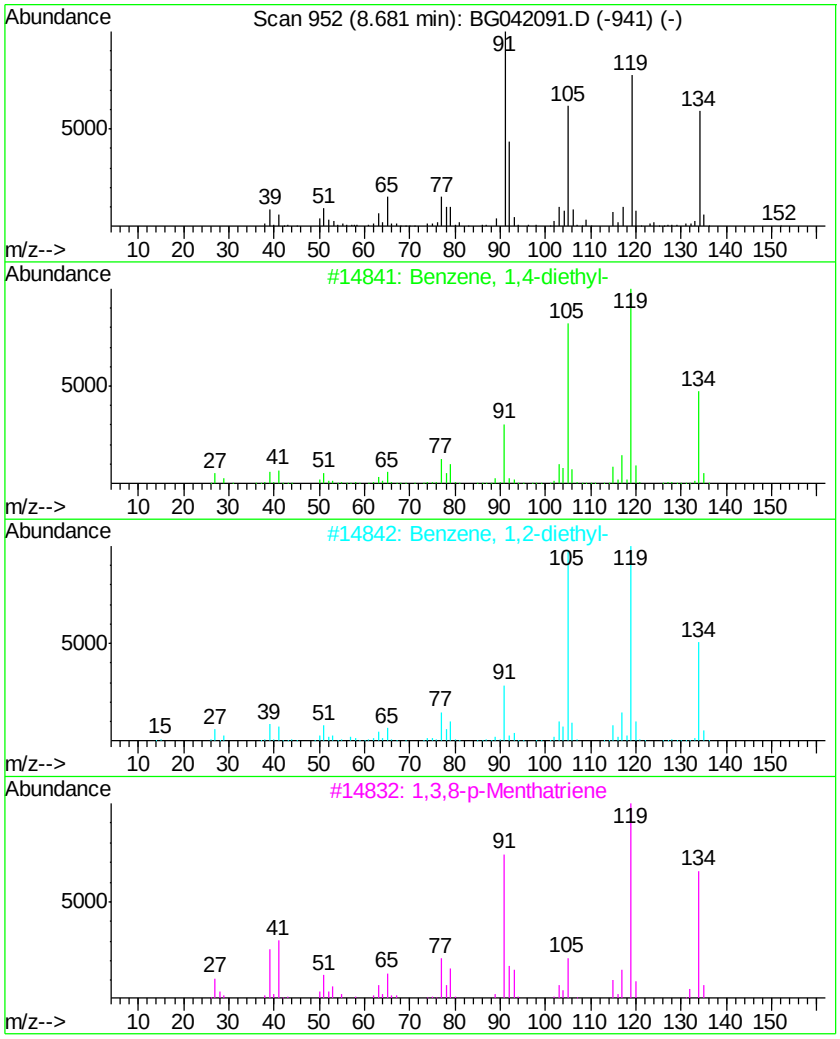
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

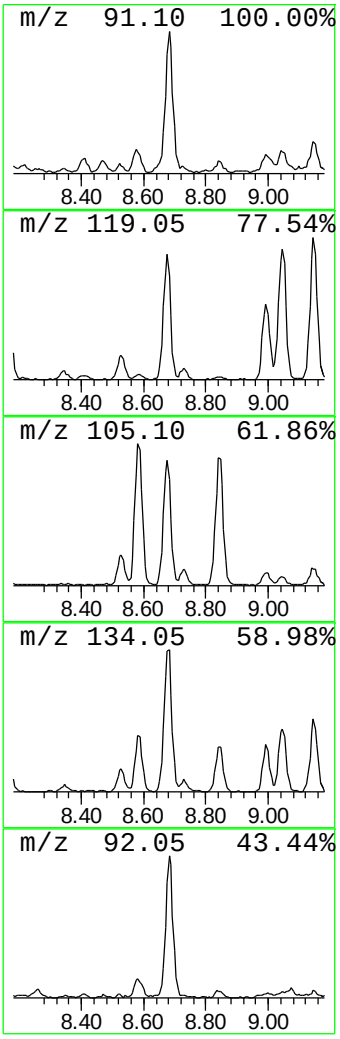
****

Peak Number 4 Benzene, 1,4-diethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.68	23.82 ng/ul	495088	1,4-Dichlorobenzene-d4	8.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	95
2	Benzene, 1,2-diethyl-	134	C10H14	000135-01-3	93
3	1,3,8-p-Menthatriene	134	C10H14	018368-95-1	90
4	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
5	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	81





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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

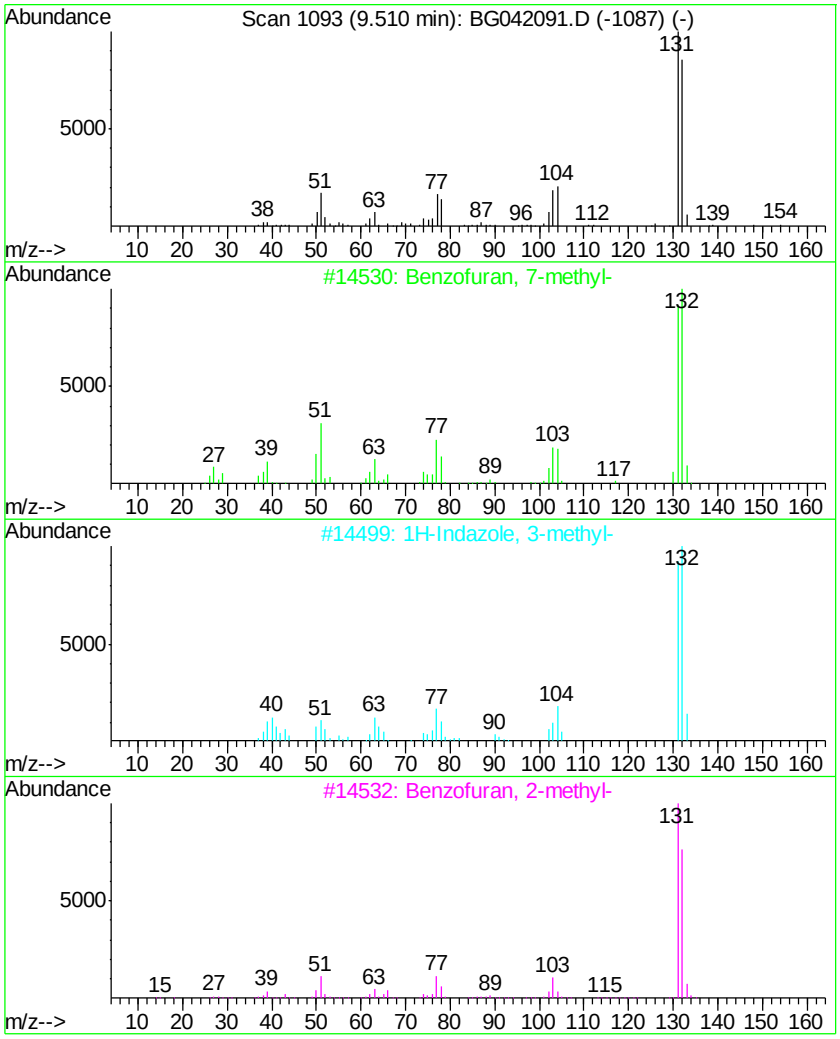
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

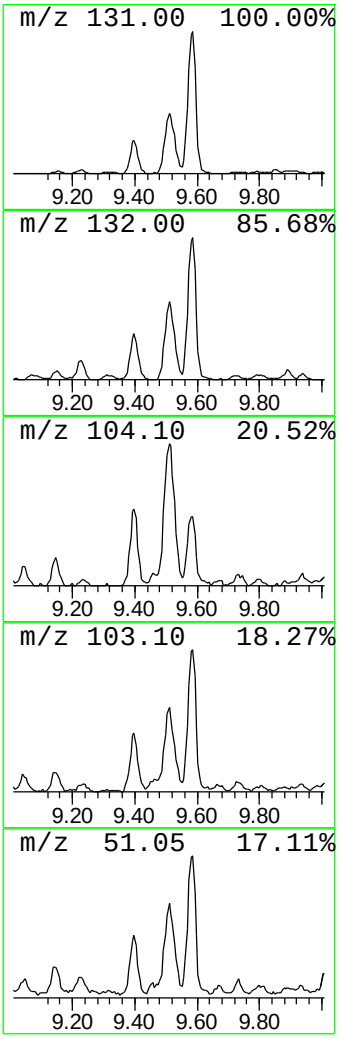
****

Peak Number 5 Benzofuran, 7-methyl- Concentration Rank 58

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.51	6.52 ng/ul	407960	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 7-methyl-	132	C9H8O	017059-52-8	91
2	1H-Indazole, 3-methyl-	132	C8H8N2	1000316-00-2	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
4	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	90
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	90





Library Search Compound Report

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Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

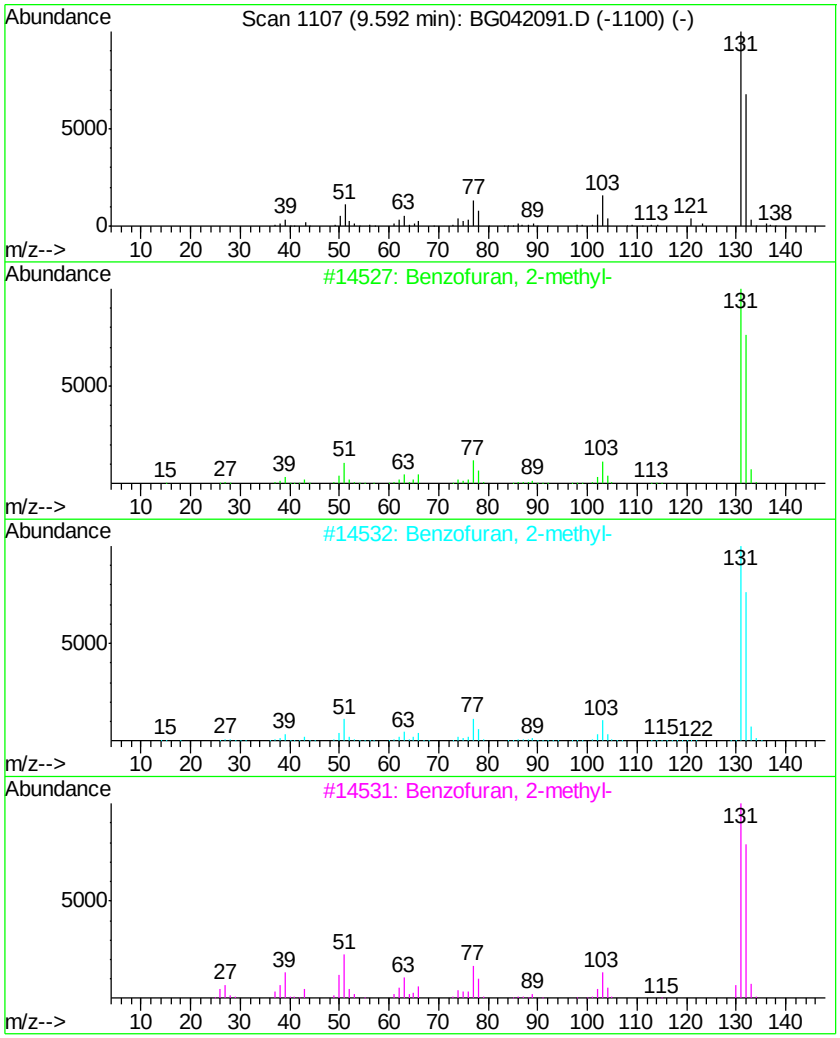
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

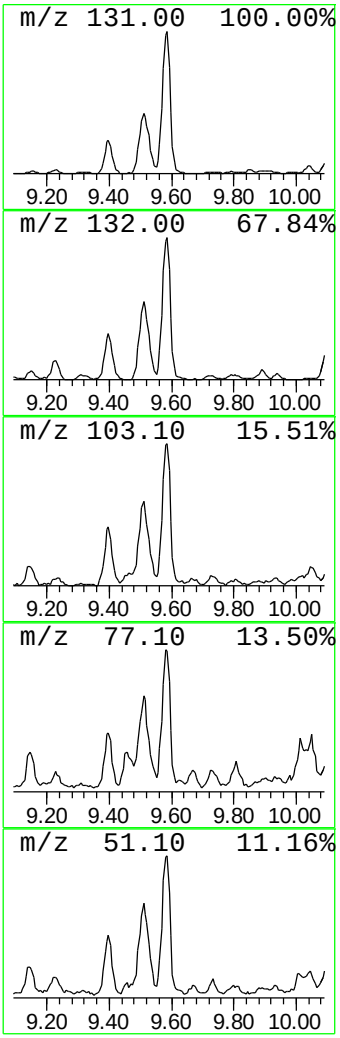
****

Peak Number 6 Benzofuran, 2-methyl- Concentration Rank 45

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.59	8.81 ng/ul	551481	Naphthalene-d8	10.86

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	91
3	Benzofuran, 2-methyl-	132	C9H8O	004265-25-2	86
4	1H-Pyrrolo[2,3-b]pyridine, 2-met...	132	C8H8N2	023612-48-8	80
5	Cinnamaldehyde, (E)-	132	C9H8O	014371-10-9	78





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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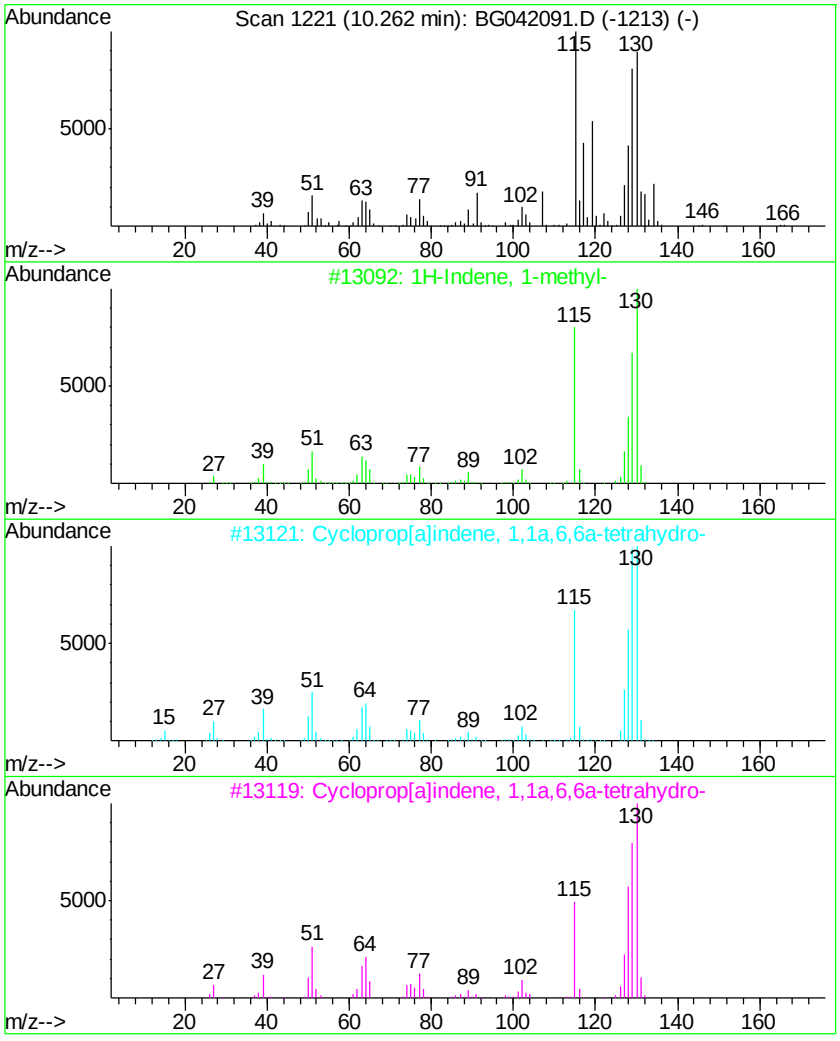
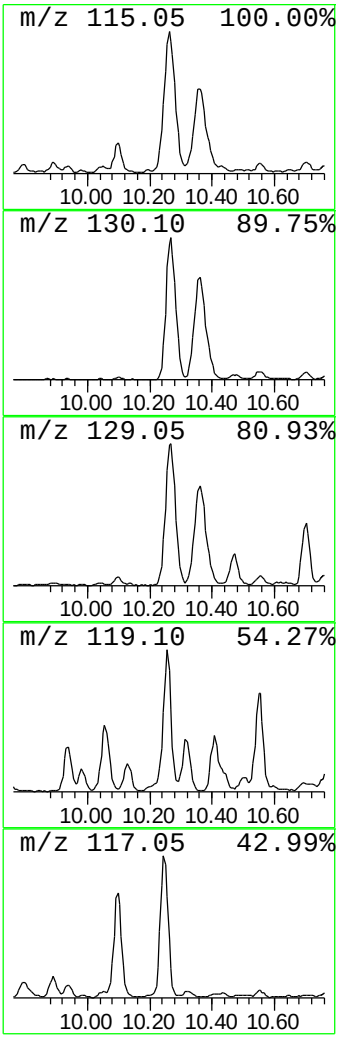
Peak Number 7 1H-Indene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	18.38 ng/ul	1150380	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	90
2	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	83
3	Cycloprop[a]indene, 1,1a,6,6a-te...	130	C10H10	015677-15-3	80
4	Benzene, 1-butynyl-	130	C10H10	000622-76-4	55
5	1H-Indene, 1-methyl-	130	C10H10	000767-59-9	55





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

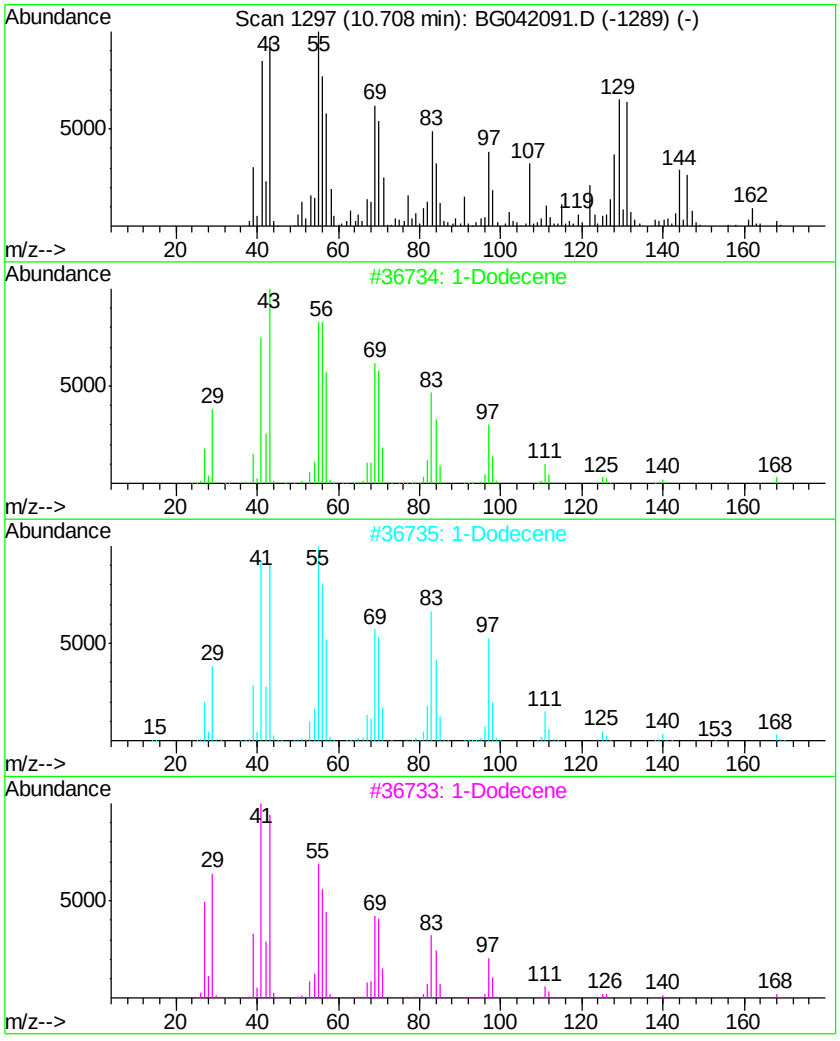
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

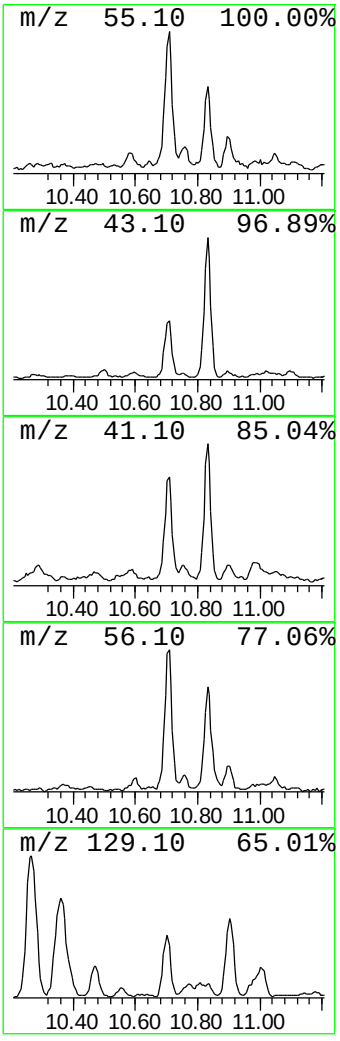
****

Peak Number 8 (DEL) Alkane: Cyclic10.71 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.71	9.93 ng/ul	621459	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Dodecene	168	C12H24	000112-41-4	95
2	1-Dodecene	168	C12H24	000112-41-4	86
3	1-Dodecene	168	C12H24	000112-41-4	56
4	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	56
5	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	56





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Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

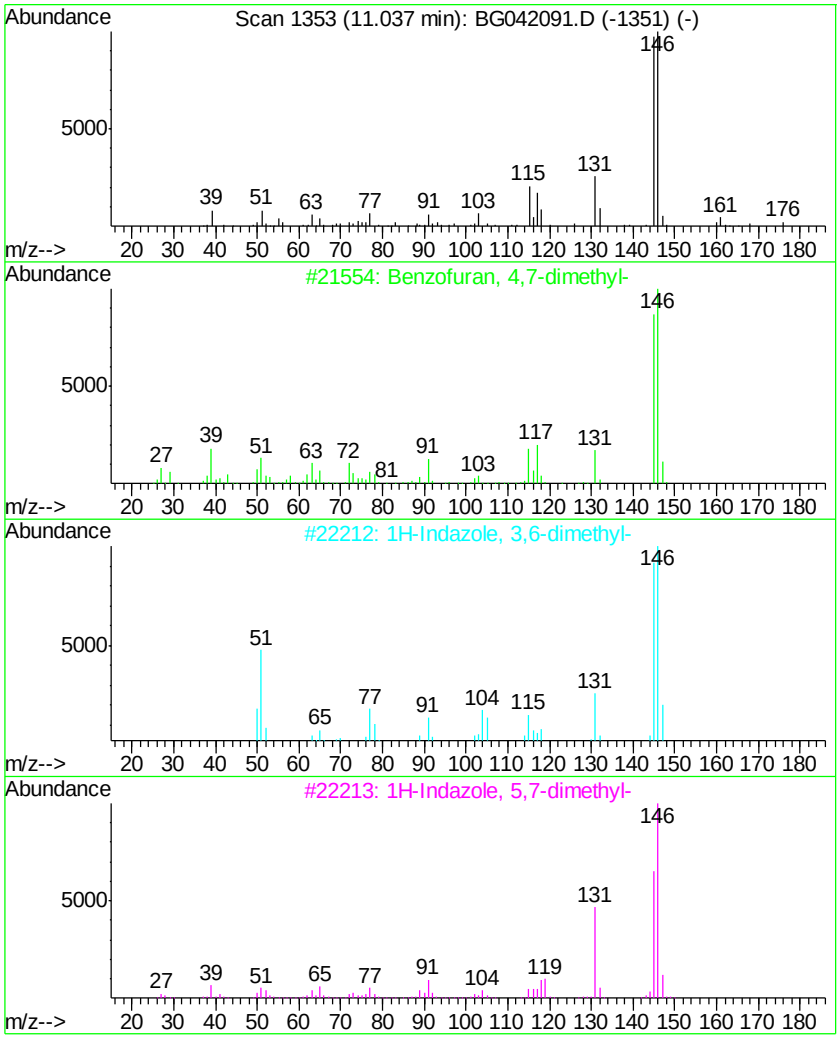
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

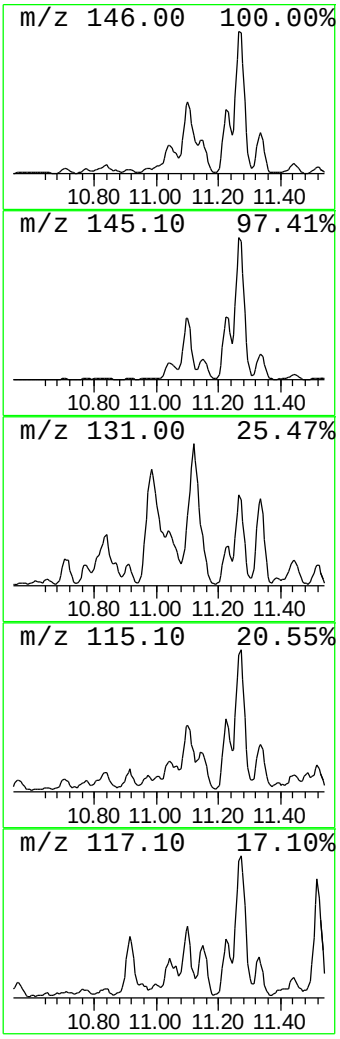
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzofuran, 4,7-dimethyl- Concentration Rank 60

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.04	6.14 ng/ul	384272	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzofuran, 4,7-dimethyl-	146	C10H10O	028715-26-6	86
2	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	59
3	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	50
4	1H-Indole-5-methanamine	146	C9H10N2	1000362-58-9	42
5	1H-1,3,2-Benzodiazaborole, 2-eth...	146	C8H11BN2	074663-81-3	38





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Operator : HP/JU
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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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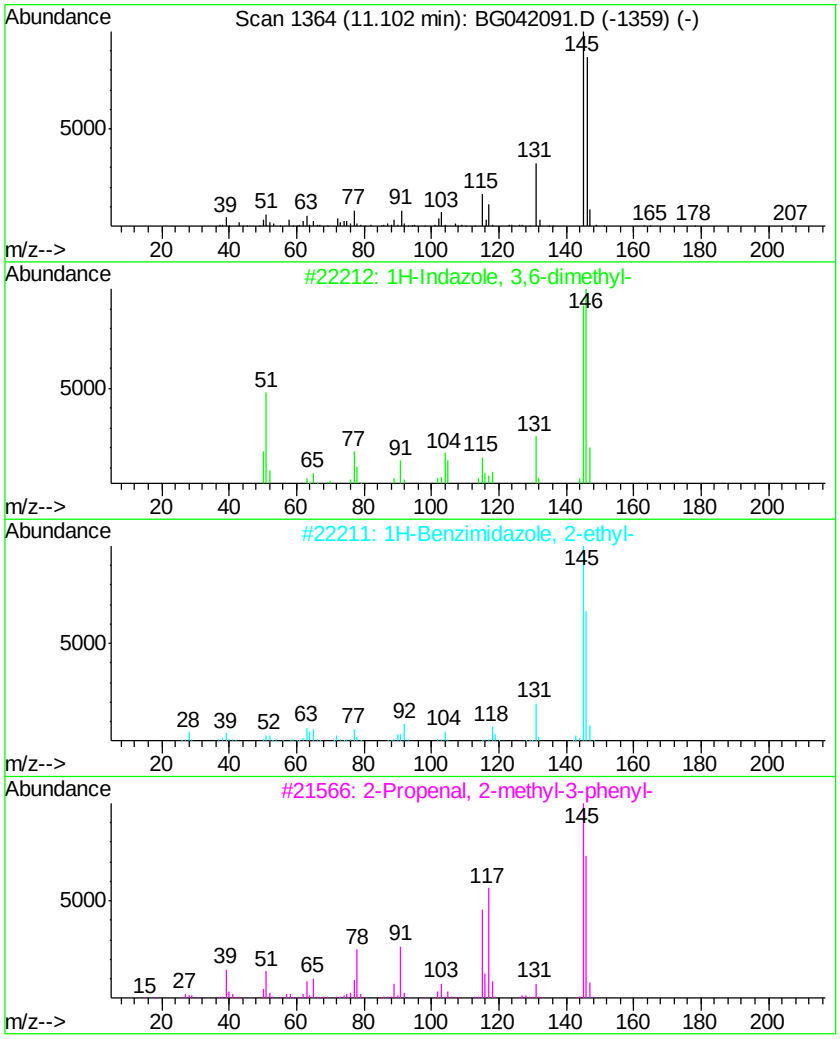
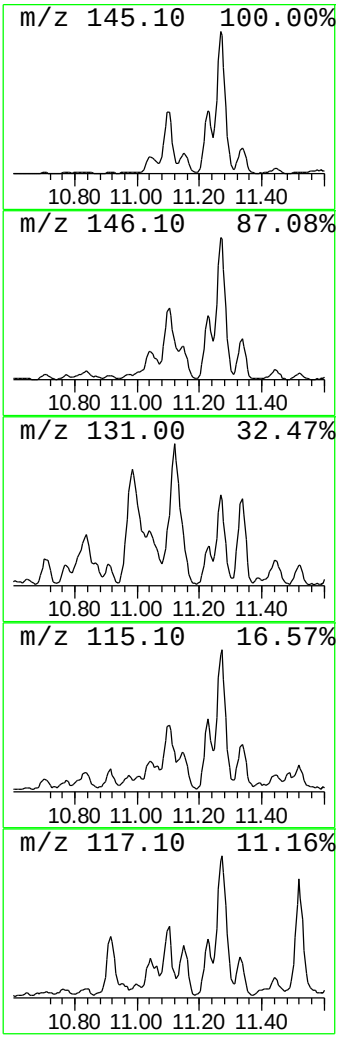
Peak Number 10 1H-Indazole, 3,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.10	21.14 ng/ul	1323040	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indazole, 3,6-dimethyl-	146	C9H10N2	007746-28-3	78
2	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	72
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	64
4	Benzonitrile, 4-(dimethylamino)-	146	C9H10N2	001197-19-9	59
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	58





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Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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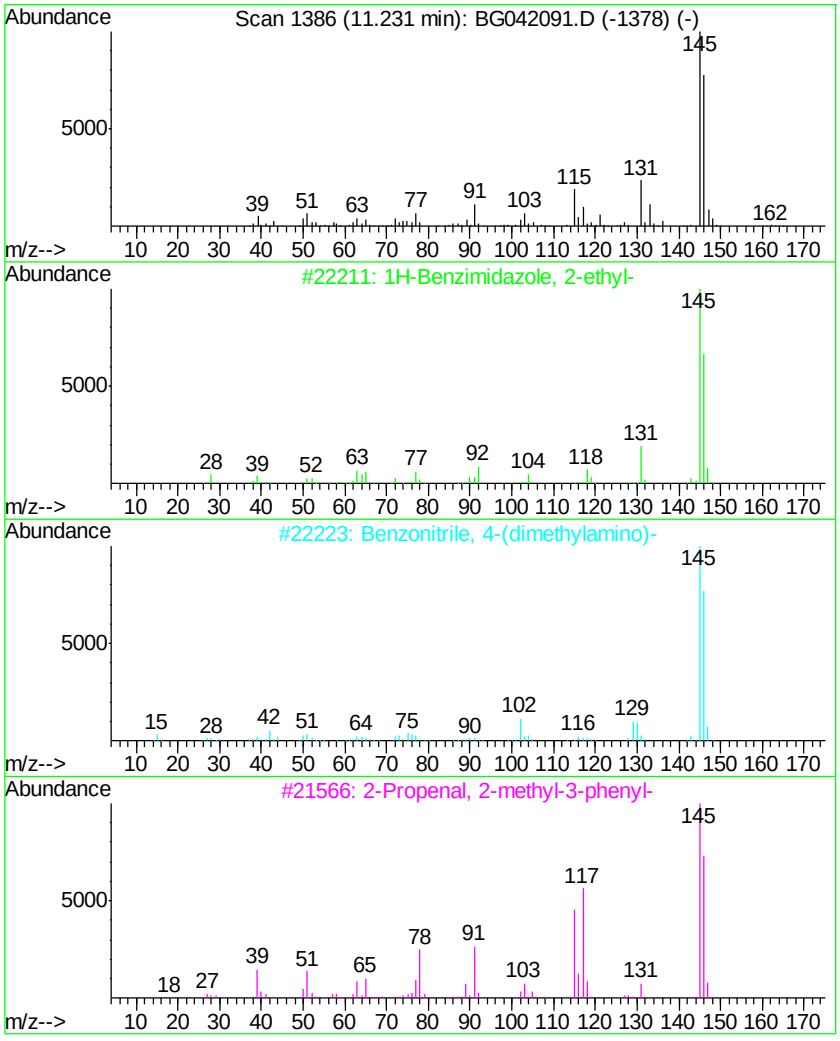
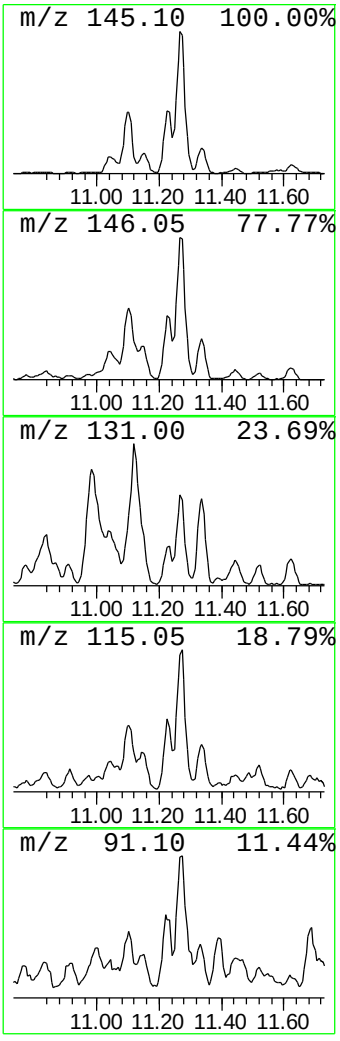
Peak Number 11 1H-Benzimidazole, 2-ethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	12.00 ng/ul	751195	Naphthalene-d8	10.86

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	53
3	2-Propenal, 2-methyl-3-phenyl-	146	C10H10O	000101-39-3	53
4	1H-Benzimidazole, 5,6-dimethyl-	146	C9H10N2	000582-60-5	47
5	1,2-Dimethylbenzimidazole	146	C9H10N2	002876-08-6	43





Library Search Compound Report

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Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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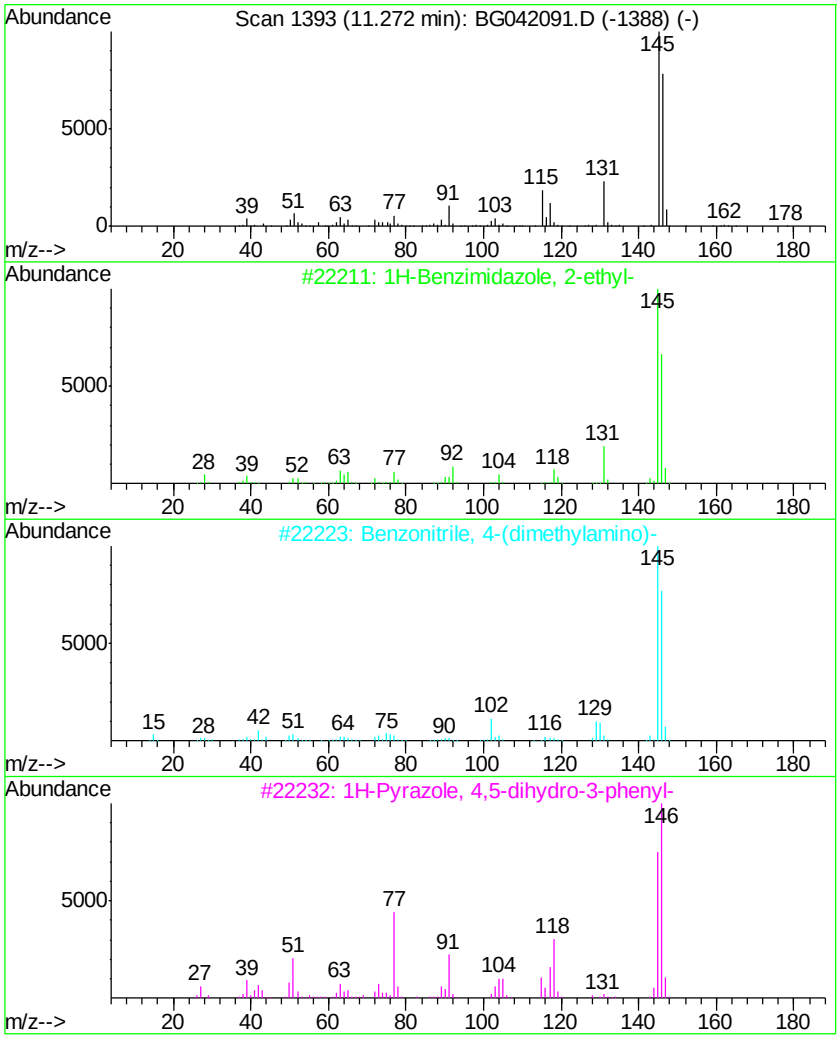
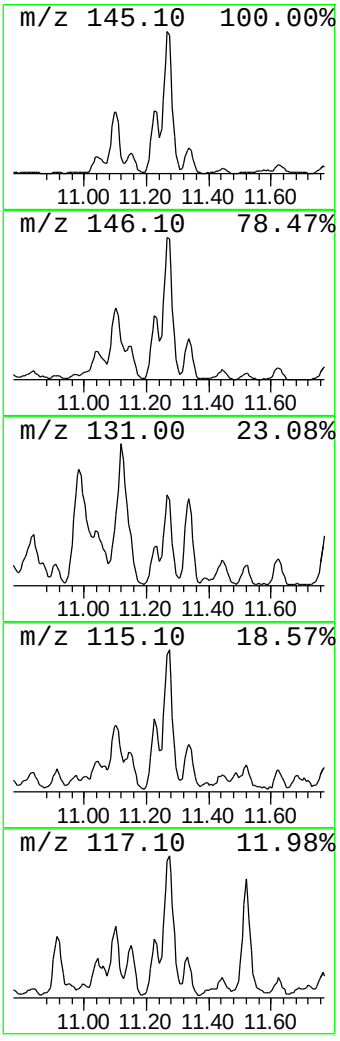
Peak Number 12 Benzonitrile, 4-(dimethylam... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.27	24.45 ng/ul	1530330	Naphthalene-d8	10.86

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	53
3	1H-Pyrazole, 4,5-dihydro-3-phenyl-	146	C9H10N2	000936-48-1	50
4	1H-Benzimidazole, 2-ethyl-	146	C9H10N2	001848-84-6	50
5	1H-Indazole, 5,7-dimethyl-	146	C9H10N2	043067-41-0	47





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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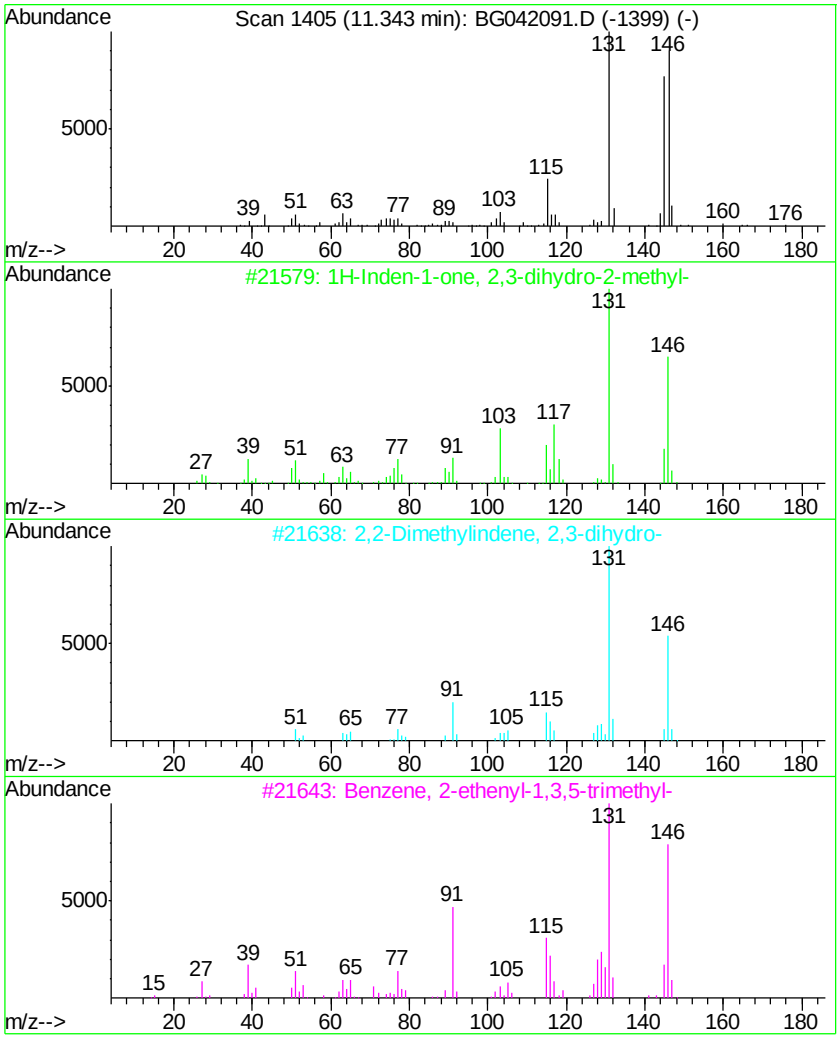
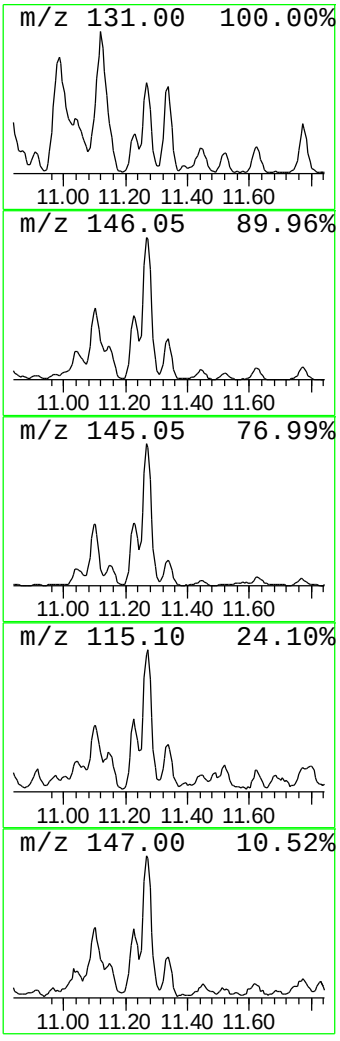
Peak Number 13 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 57

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.34	6.64 ng/ul	415677	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-2-me...	146	C10H10O	017496-14-9	64
2	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	64
3	Benzene, 2-ethenyl-1,3,5-trimethyl-	146	C11H14	000769-25-5	64
4	Benzene, (1,2-dimethyl-1-propenyl)-	146	C11H14	000769-57-3	64
5	1-Methylindan-2-one	146	C10H10O	035587-60-1	59





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Instrument : BNA_G
ClientSampleId : C0AM5

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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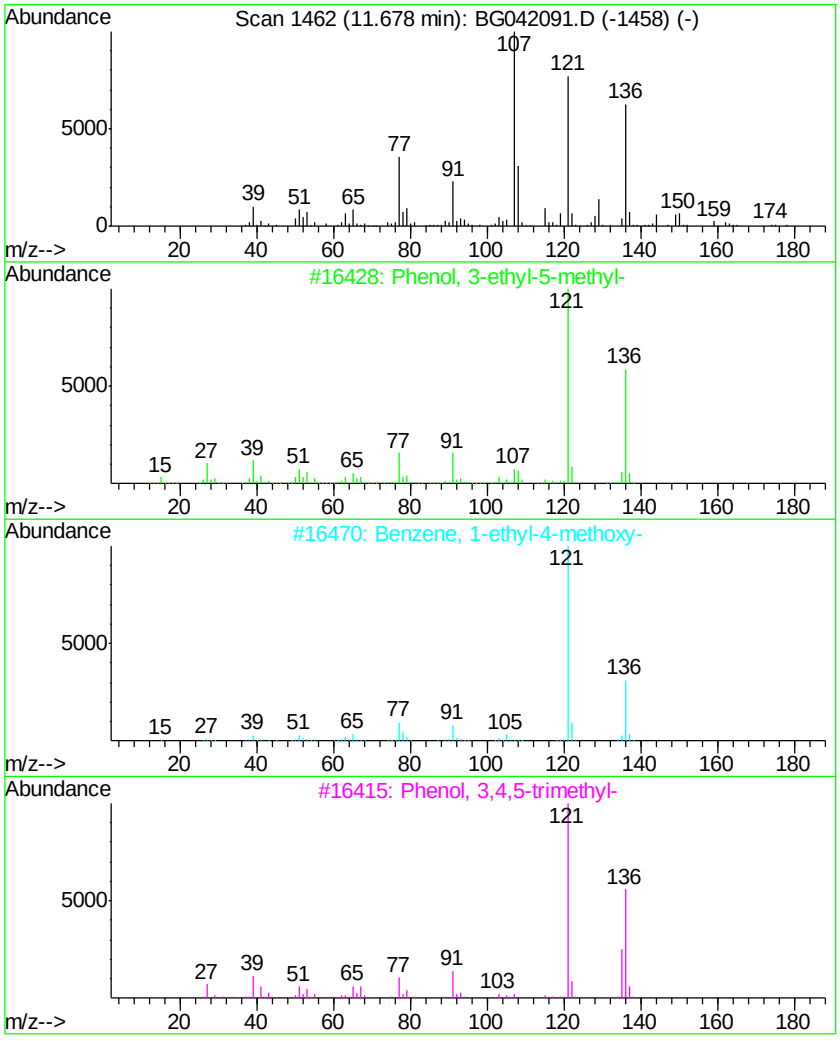
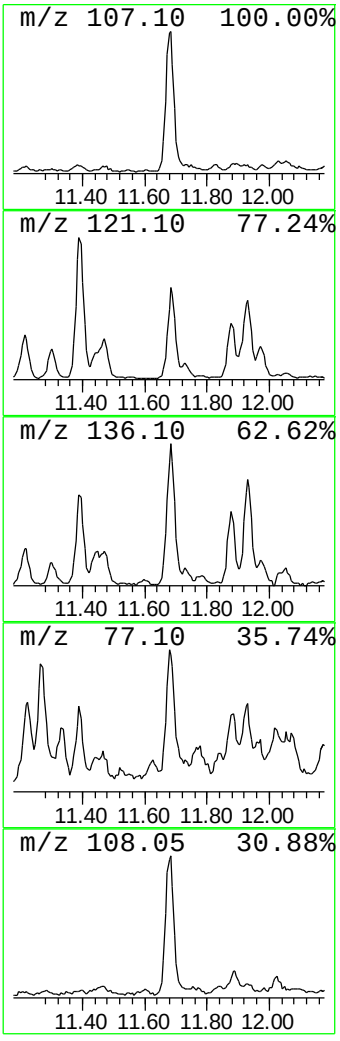
Peak Number 14 unknown-02 Concentration Rank 50

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.68	8.17 ng/ul	511071	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	46
2	Benzene, 1-ethyl-4-methoxy-	136	C9H12O	001515-95-3	46
3	Phenol, 3,4,5-trimethyl-	136	C9H12O	000527-54-8	46
4	Phenol, 3-ethyl-5-methyl-	136	C9H12O	000698-71-5	46
5	Ethanone, 1-(2-hydroxyphenyl)-	136	C8H8O2	000118-93-4	46





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

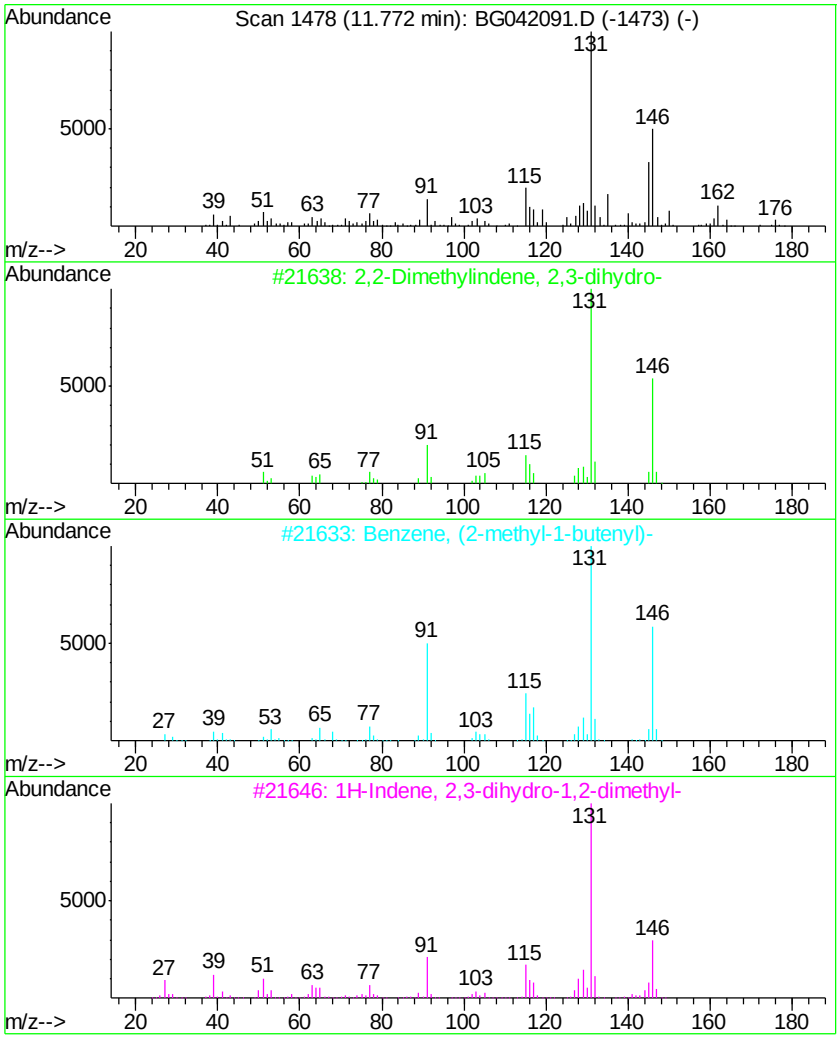
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

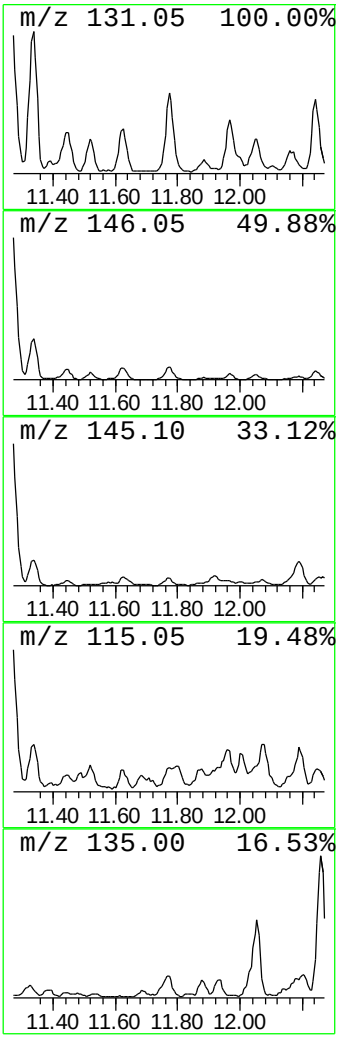
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 2,2-Dimethylindene, 2,3-dih... Concentration Rank 62

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	5.32 ng/ul	333109	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,2-Dimethylindene, 2,3-dihydro-	146	C11H14	020836-11-7	87
2	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	87
3	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	81
4	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
5	Benzene, (1-methyl-1-butenyl)-	146	C11H14	053172-84-2	81





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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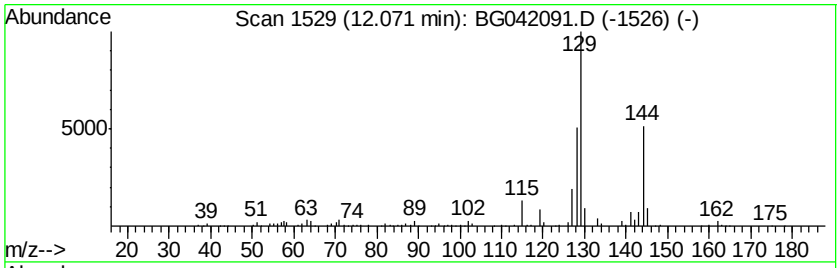
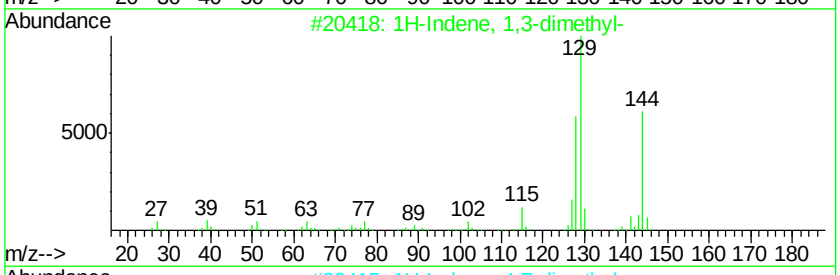
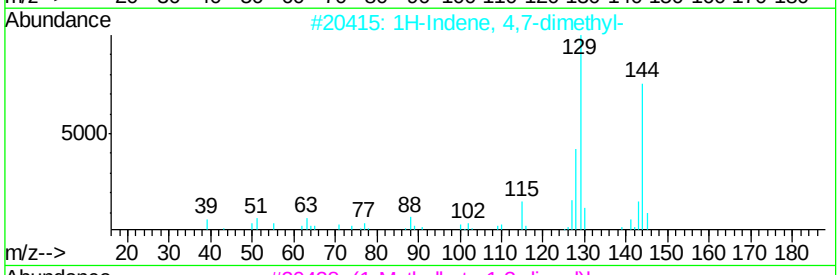
Peak Number 16 1H-Indene, 1,3-dimethyl- Concentration Rank 43

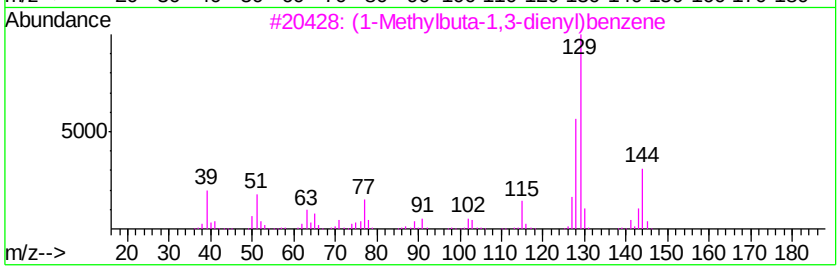
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.07	10.10 ng/ul	631872	Naphthalene-d8	10.86

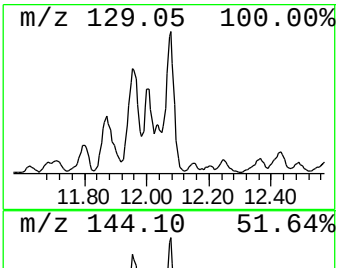
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1,3-dimethyl-	144	C11H12	002177-48-2	90
2	1H-Indene, 4,7-dimethyl-	144	C11H12	006974-97-6	87
3	(1-Methylbuta-1,3-dienyl)benzene	144	C11H12	054758-36-0	87
4	1H-Indene, 2,3-dimethyl-	144	C11H12	004773-82-4	87
5	1H-Indene, 1,1-dimethyl-	144	C11H12	018636-55-0	87

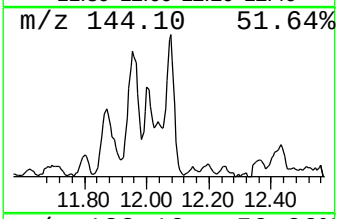


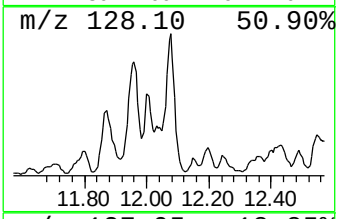


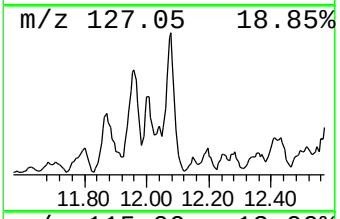


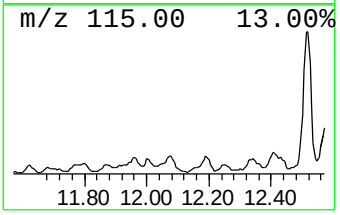












Library Search Compound Report

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Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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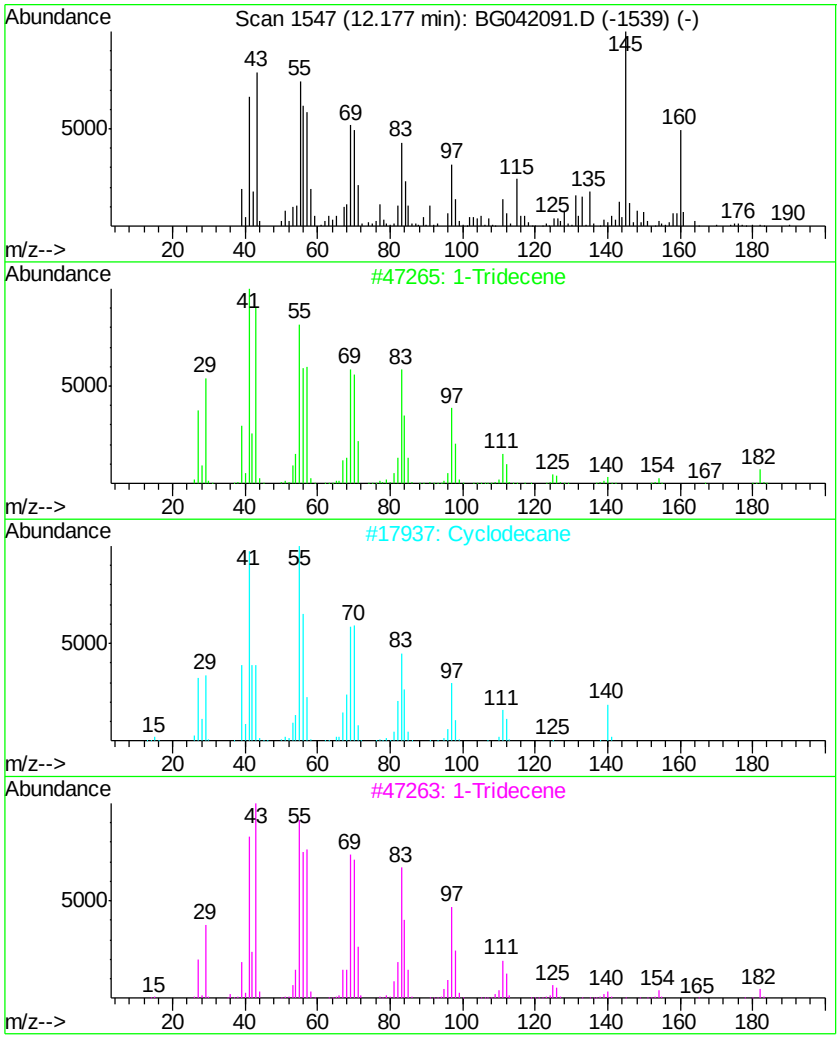
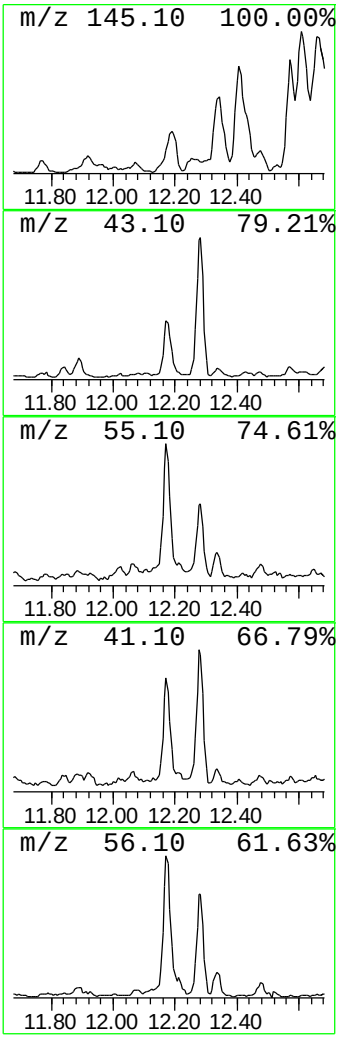
Peak Number 17 (DEL) Alkane: Cyclic12.18 Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.18	13.80 ng/ul	863836	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	50
2	Cyclodecane	140	C10H20	000293-96-9	50
3	1-Tridecene	182	C13H26	002437-56-1	50
4	6-Tridecene, (Z)-	182	C13H26	006508-77-6	45
5	Cyclododecane	168	C12H24	000294-62-2	45





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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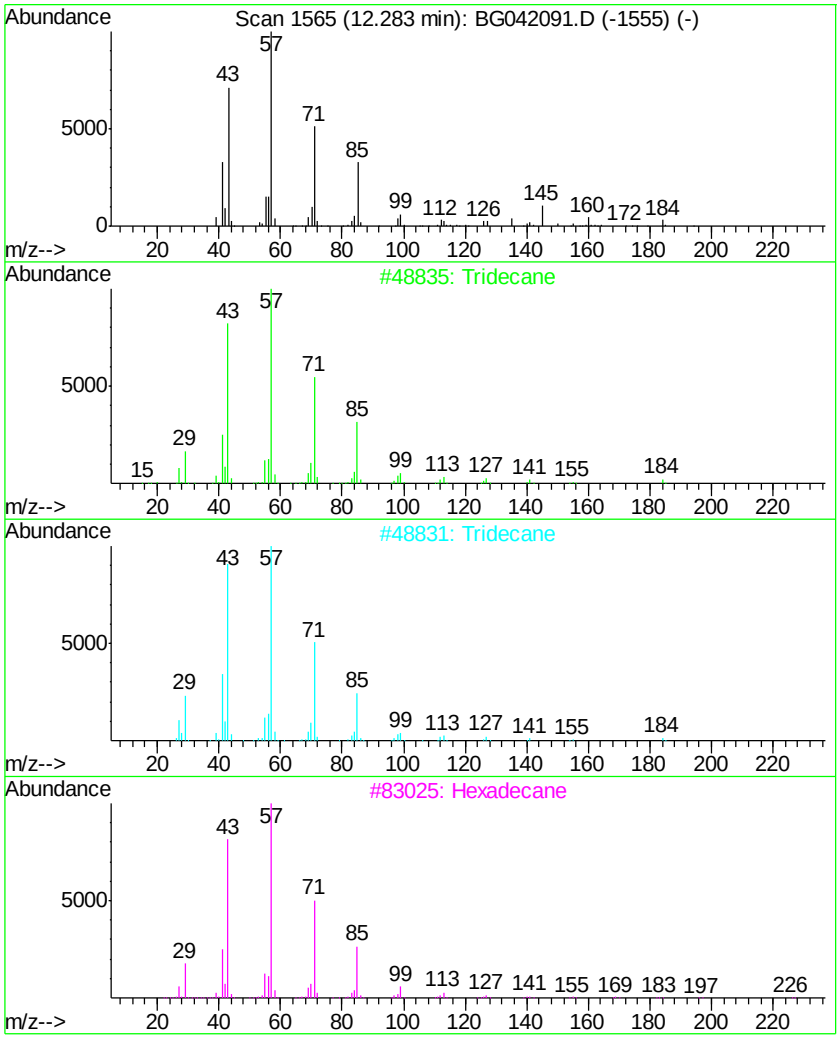
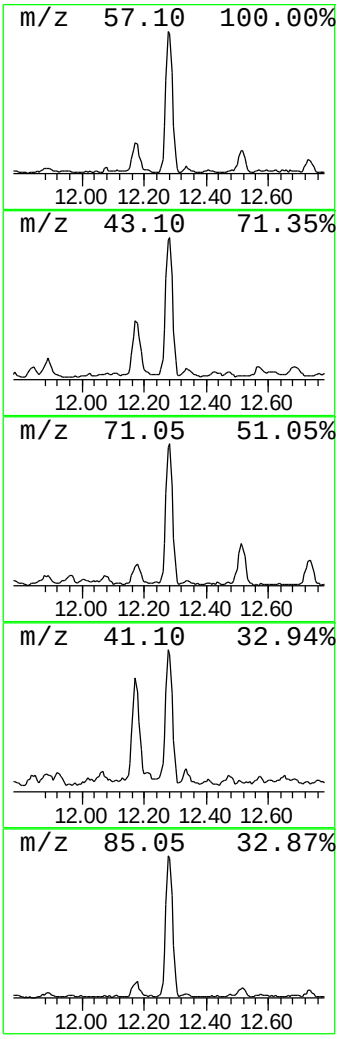
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.28	12.85 ng/ul	804356	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	95
2	Tridecane	184	C13H28	000629-50-5	89
3	Hexadecane	226	C16H34	000544-76-3	58
4	Tetradecane	198	C14H30	000629-59-4	58
5	Dodecane	170	C12H26	000112-40-3	53





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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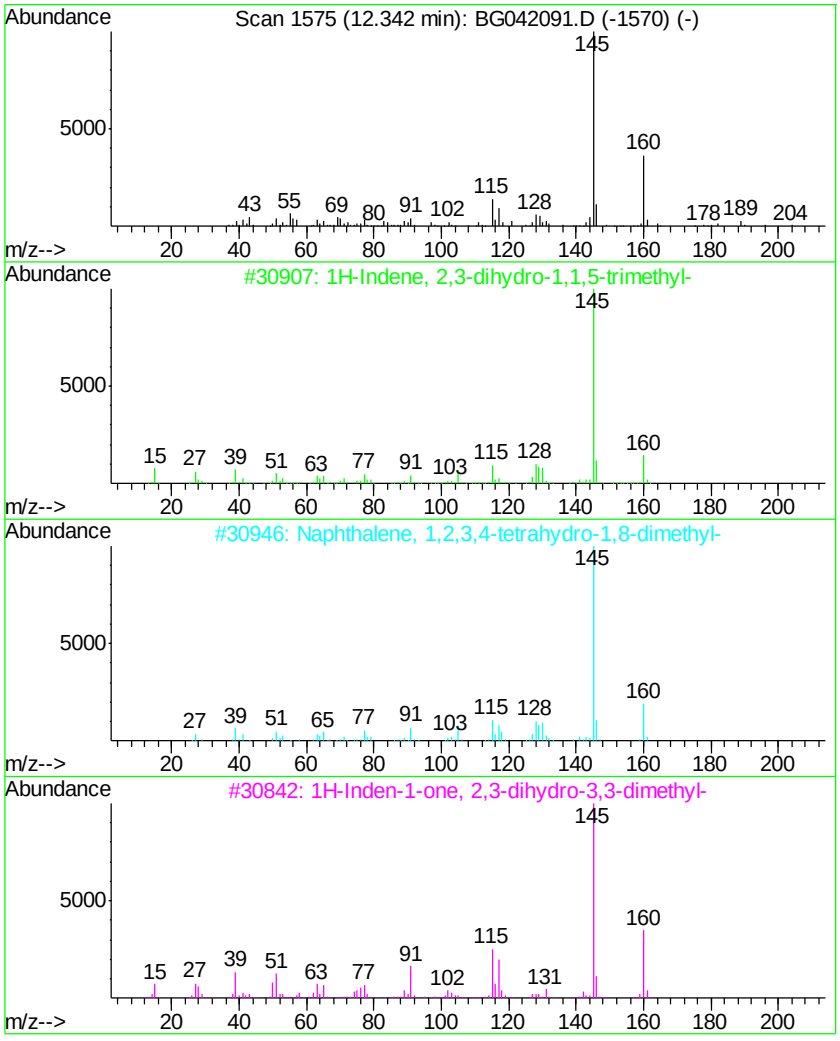
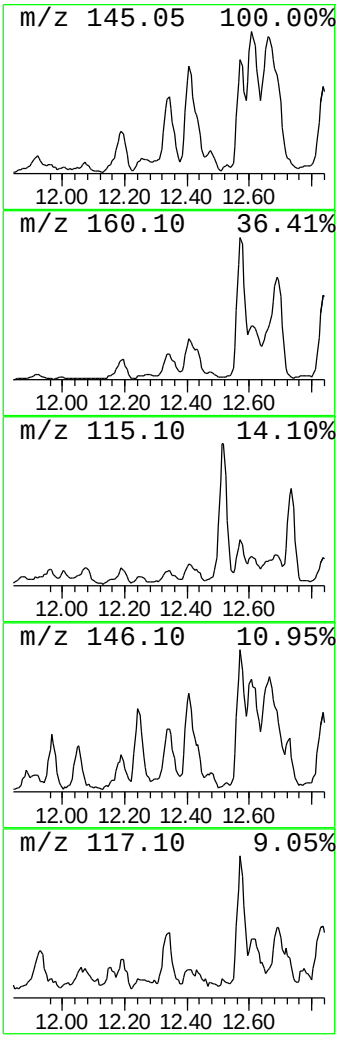
Peak Number 19 1H-Indene, 2,3-dihydro-1,1,... Concentration Rank 54

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.34	6.83 ng/ul	427688	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2,3-dihydro-1,1,5-tri...	160	C12H16	040650-41-7	91
2	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	025419-33-4	91
3	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	90
4	Benzene, 1-(1-methylethenyl)-4-(...	160	C12H16	002388-14-9	87
5	Benzene, 1-(1-methylethenyl)-3-(...	160	C12H16	001129-29-9	86





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Sample : K4147-02
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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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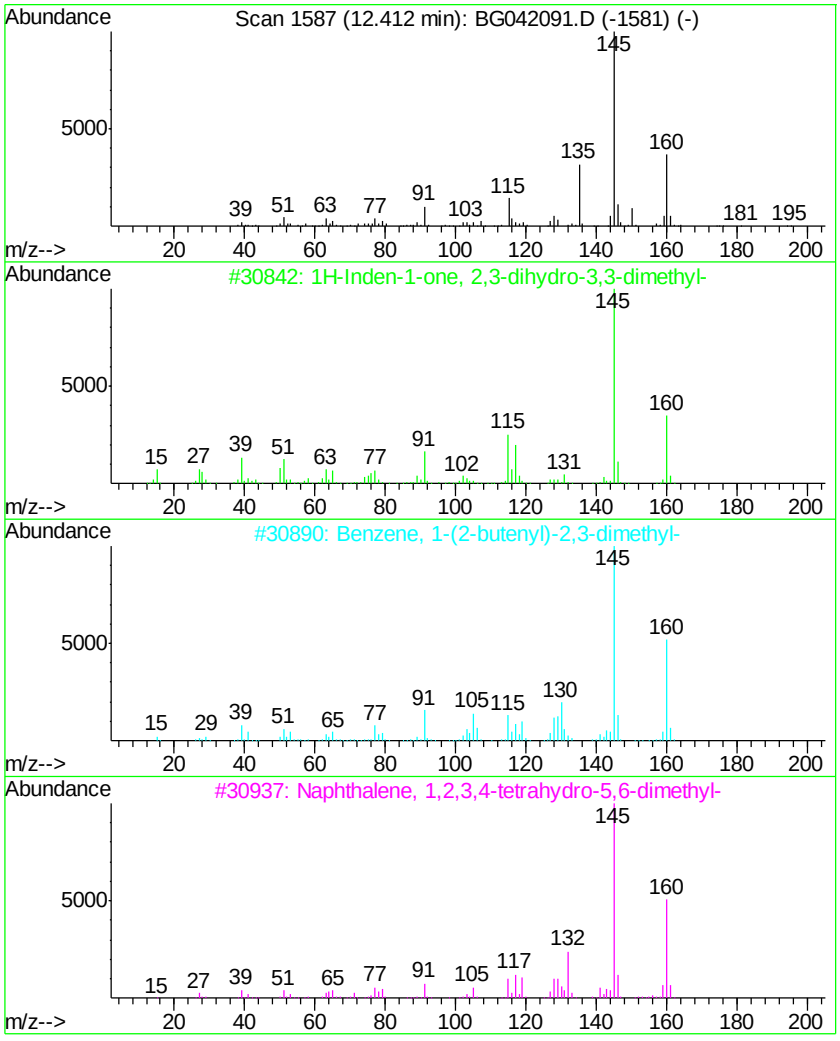
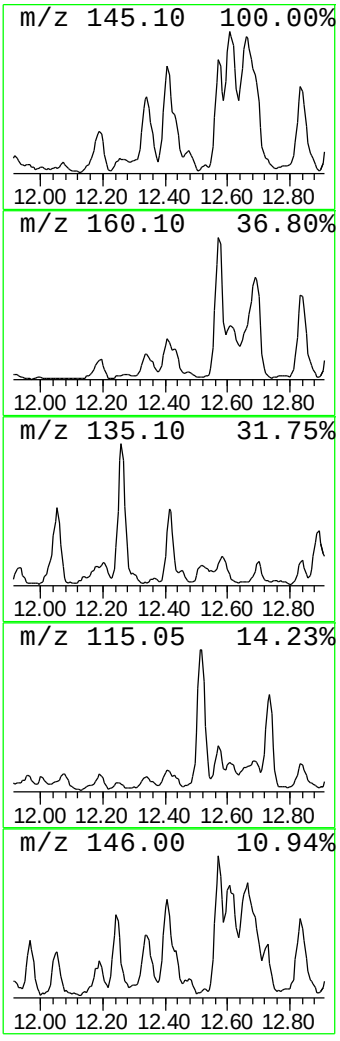
Peak Number 20 1H-Inden-1-one, 2,3-dihydro... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.41	12.02 ng/ul	752096	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Inden-1-one, 2,3-dihydro-3,3-...	160	C11H12O	026465-81-6	76
2	Benzene, 1-(2-butenyl)-2,3-dimet...	160	C12H16	054340-85-1	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	160	C12H16	020027-77-4	72
4	Benzene, 1-(1,1-dimethylethyl)-4...	160	C12H16	001746-23-2	72
5	Ethanone, 1-(2,3-dihydro-1H-inde...	160	C11H12O	004228-10-8	64





Library Search Compound Report

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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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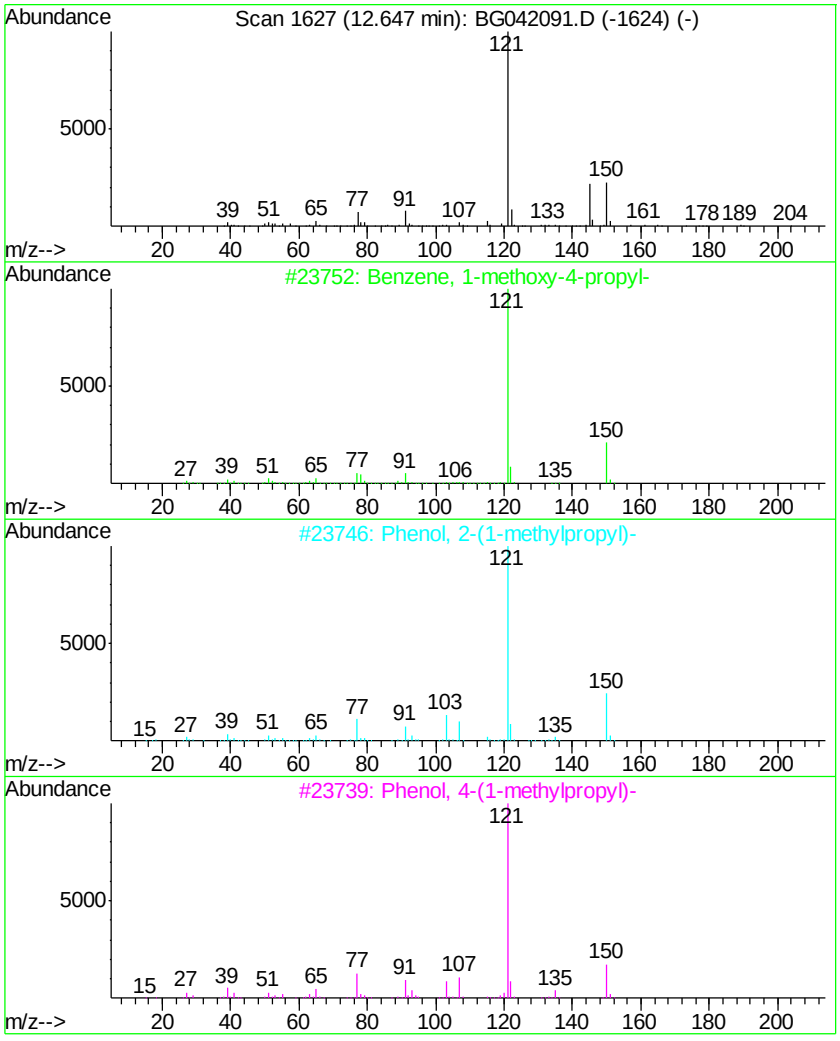
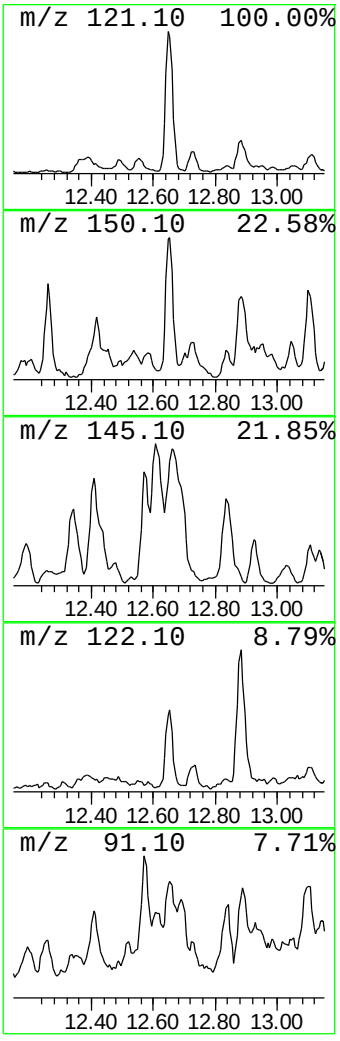
Peak Number 22 Benzene, 1-methoxy-4-propyl- Concentration Rank 63

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.65	5.24 ng/ul	327833	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methoxy-4-propyl-	150	C10H14O	000104-45-0	70
2	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	58
3	Phenol, 4-(1-methylpropyl)-	150	C10H14O	000099-71-8	53
4	Fenobucarb	207	C12H17NO2	003766-81-2	53
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	53





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Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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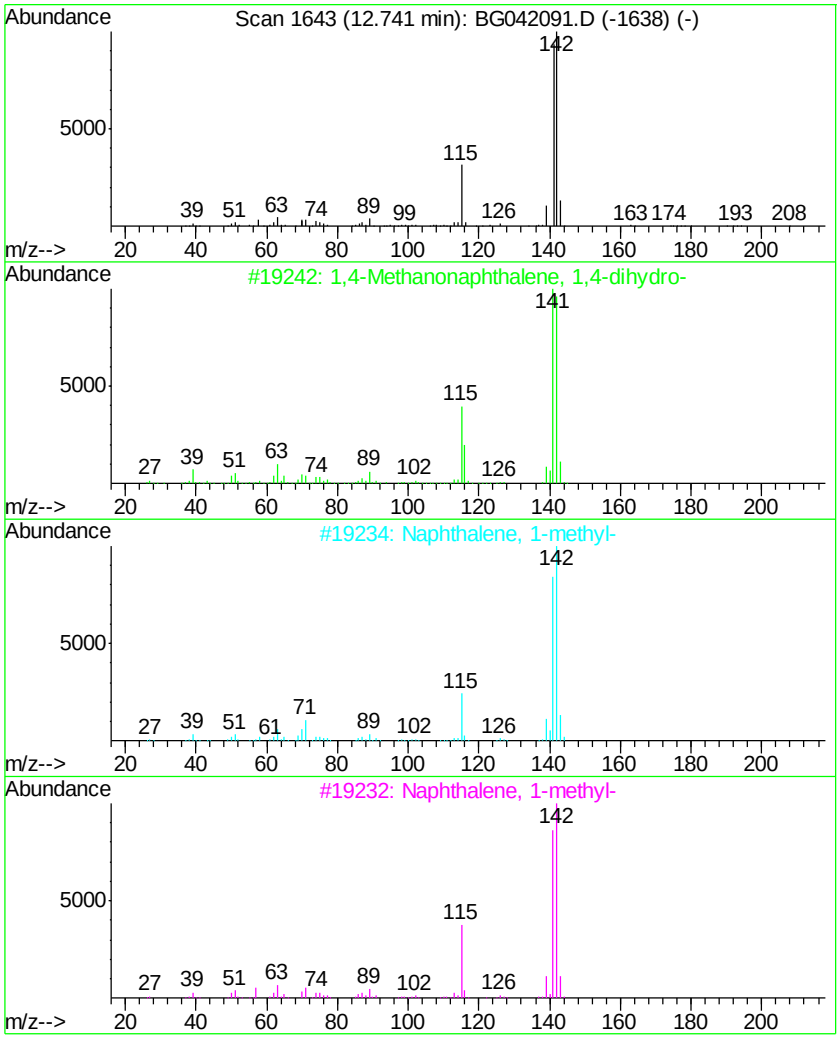
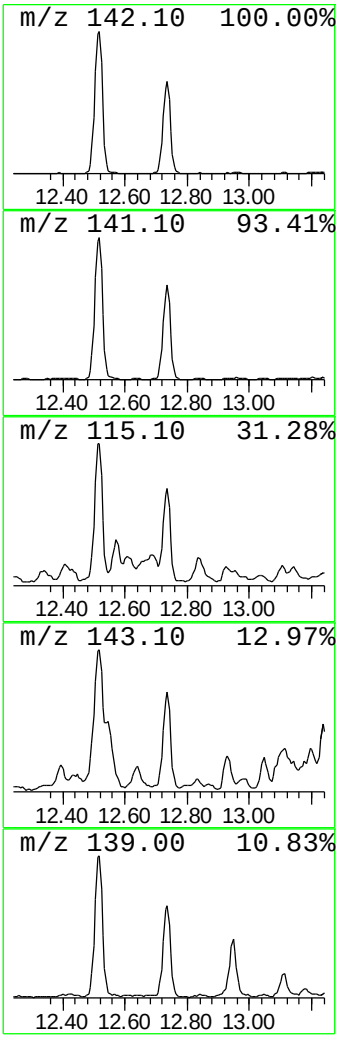
Peak Number 23 1,4-Methanonaphthalene, 1,4... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.74	19.79 ng/ul	1238860	Naphthalene-d8	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	91
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	91
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	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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Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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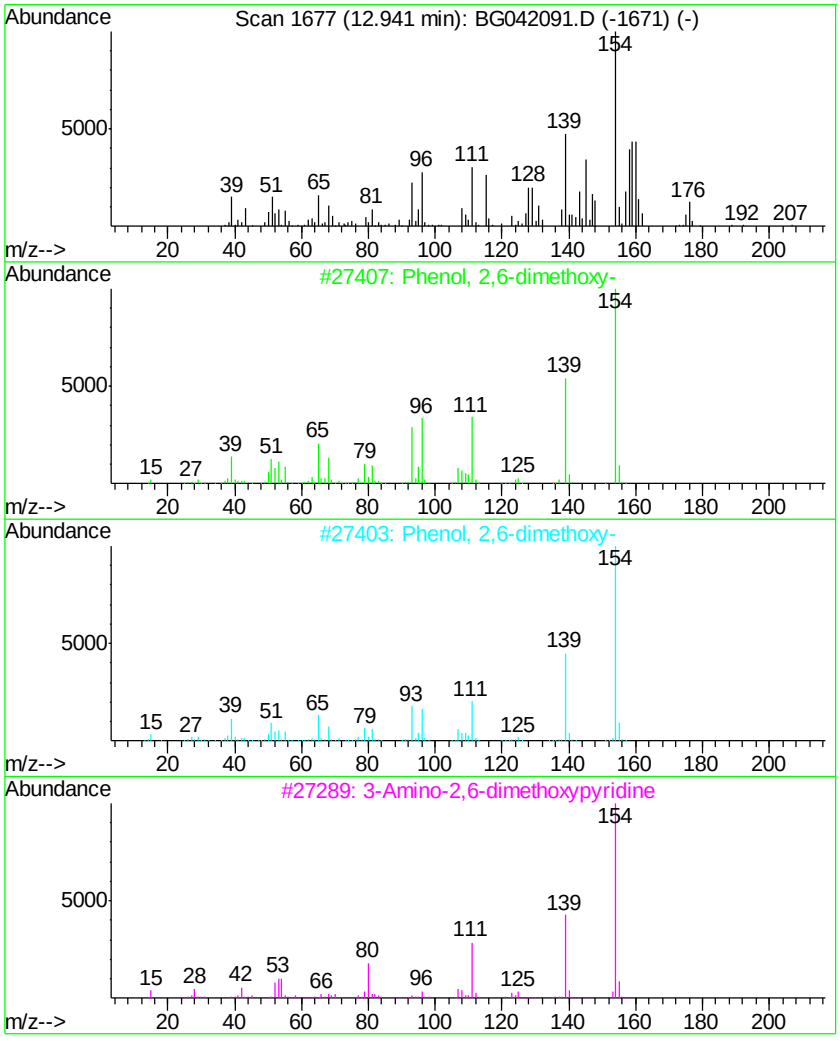
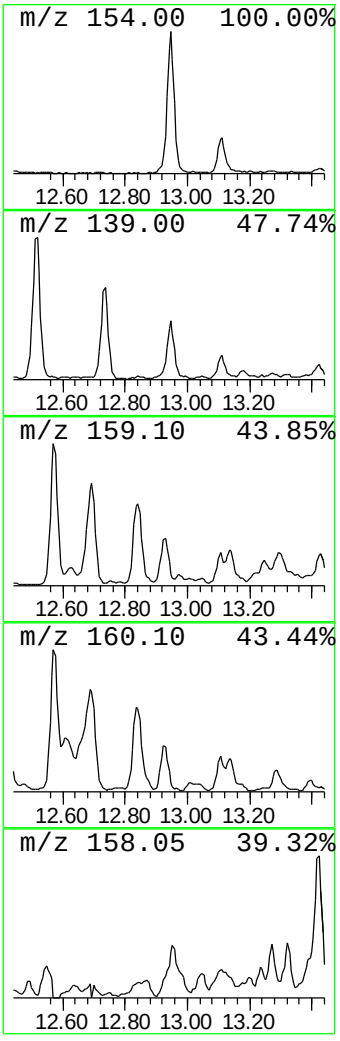
Peak Number 25 Phenol, 2,6-dimethoxy- Concentration Rank 56

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.94	6.66 ng/ul	518484	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	84
2	Phenol, 2,6-dimethoxy-	154	C8H10O3	000091-10-1	46
3	3-Amino-2,6-dimethoxypyridine	154	C7H10N2O2	028020-37-3	30
4	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	30
5	Phenol, 3,4-dimethoxy-	154	C8H10O3	002033-89-8	30





Library Search Compound Report

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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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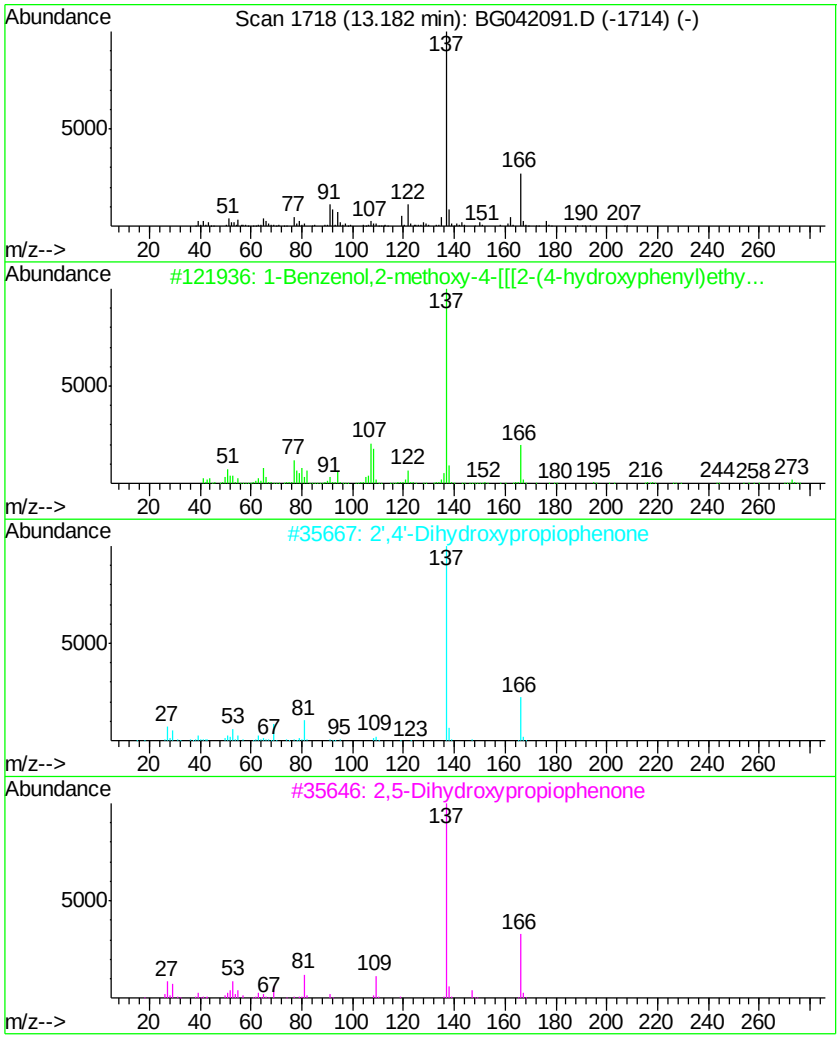
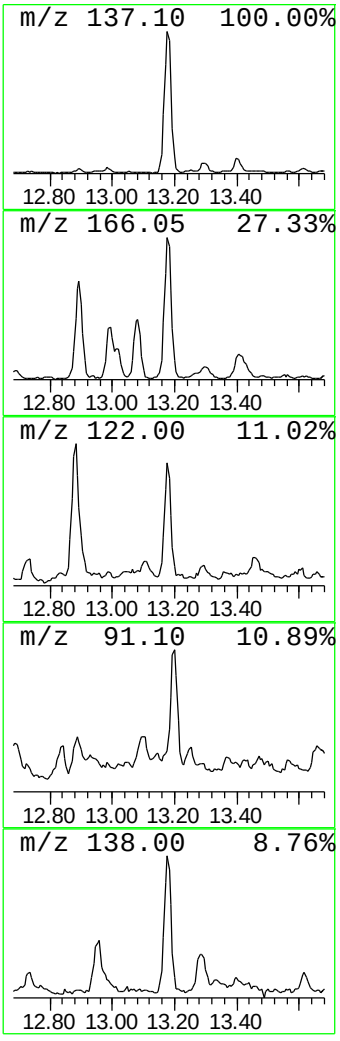
Peak Number 27 1-Benzenol,2-methoxy-4-[[[2... Concentration Rank 52

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.18	7.37 ng/ul	573667	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Benzenol,2-methoxy-4-[[[2-(4-h...	273	C16H19NO3	033120-06-8	64
2	2',4'-Dihydroxypropiophenone	166	C9H10O3	005792-36-9	53
3	2,5-Dihydroxypropiophenone	166	C9H10O3	000938-46-5	53
4	Homovanillyl alcohol	168	C9H12O3	002380-78-1	50
5	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	45





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Sample : K4147-02
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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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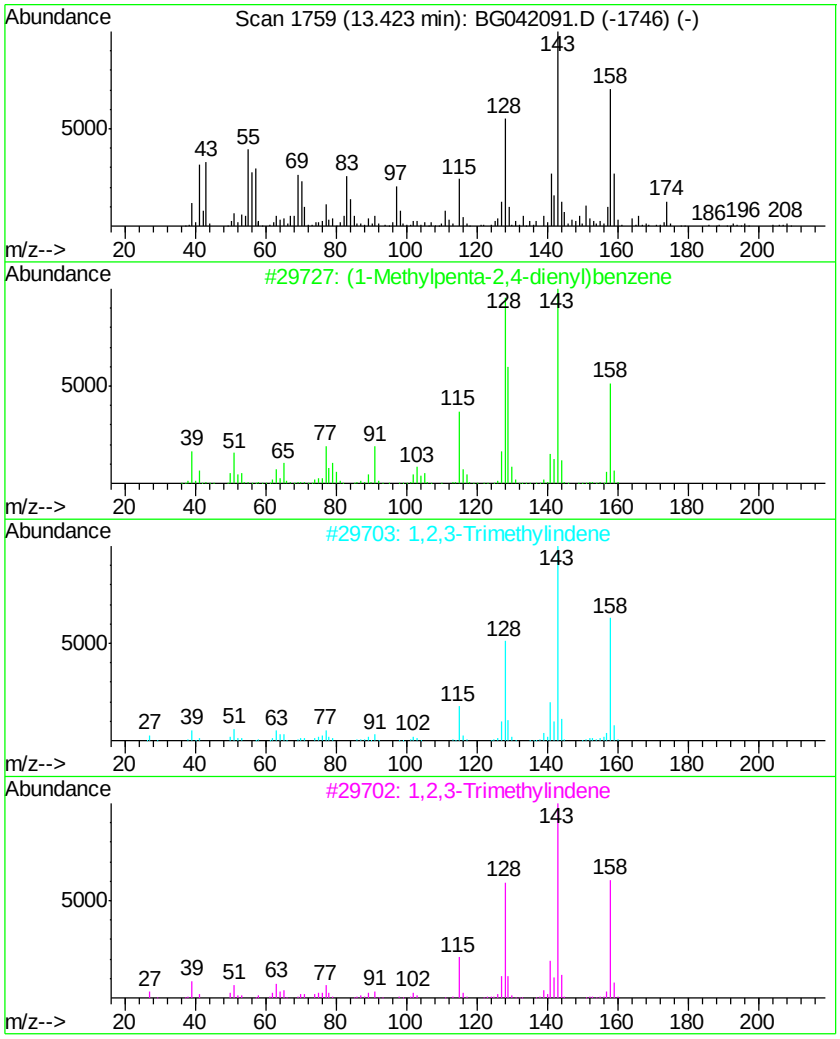
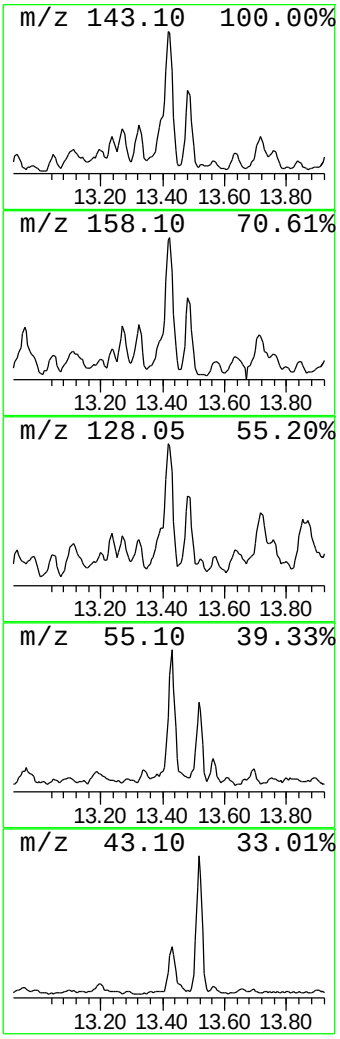
Peak Number 28 (1-Methylpenta-2,4-dienyl)b... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.42	19.96 ng/ul	1554170	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(1-Methylpenta-2,4-dienyl)benzene	158	C12H14	1000210-01-1	76
2	1,2,3-Trimethylindene	158	C12H14	004773-83-5	76
3	1,2,3-Trimethylindene	158	C12H14	004773-83-5	70
4	(1-Methylpenta-1,3-dienyl)benzene	158	C12H14	116669-49-9	64
5	1H-Indene, 1,1,3-trimethyl-	158	C12H14	002177-45-9	62





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Quant Title : SVOA CALIBRATION

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

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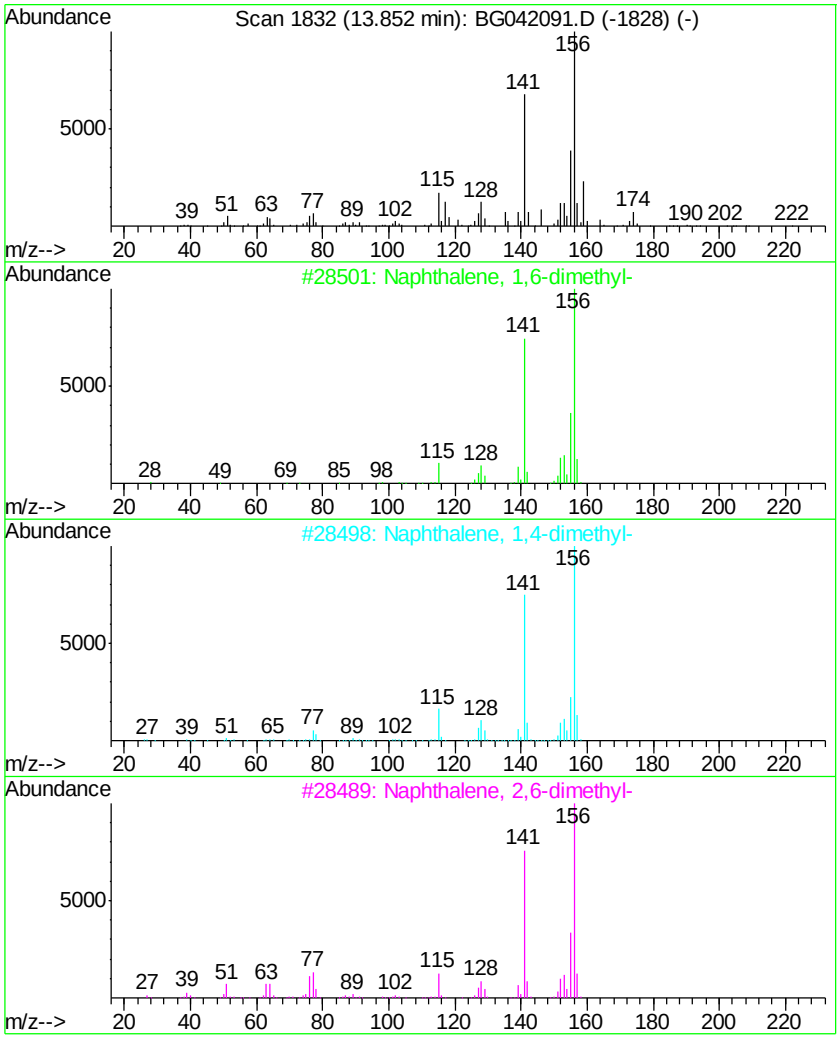
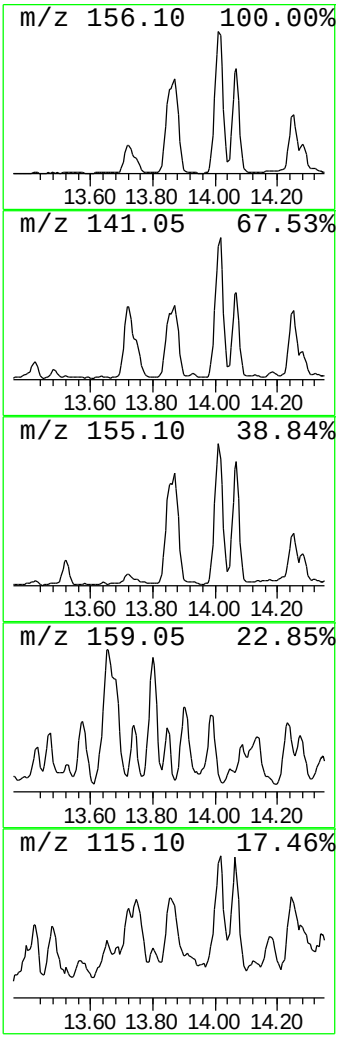
Peak Number 29 Naphthalene, 1,6-dimethyl- Concentration Rank 61

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	6.02 ng/ul	468717	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95





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Operator : HP/JU
Sample : K4147-02
Misc :
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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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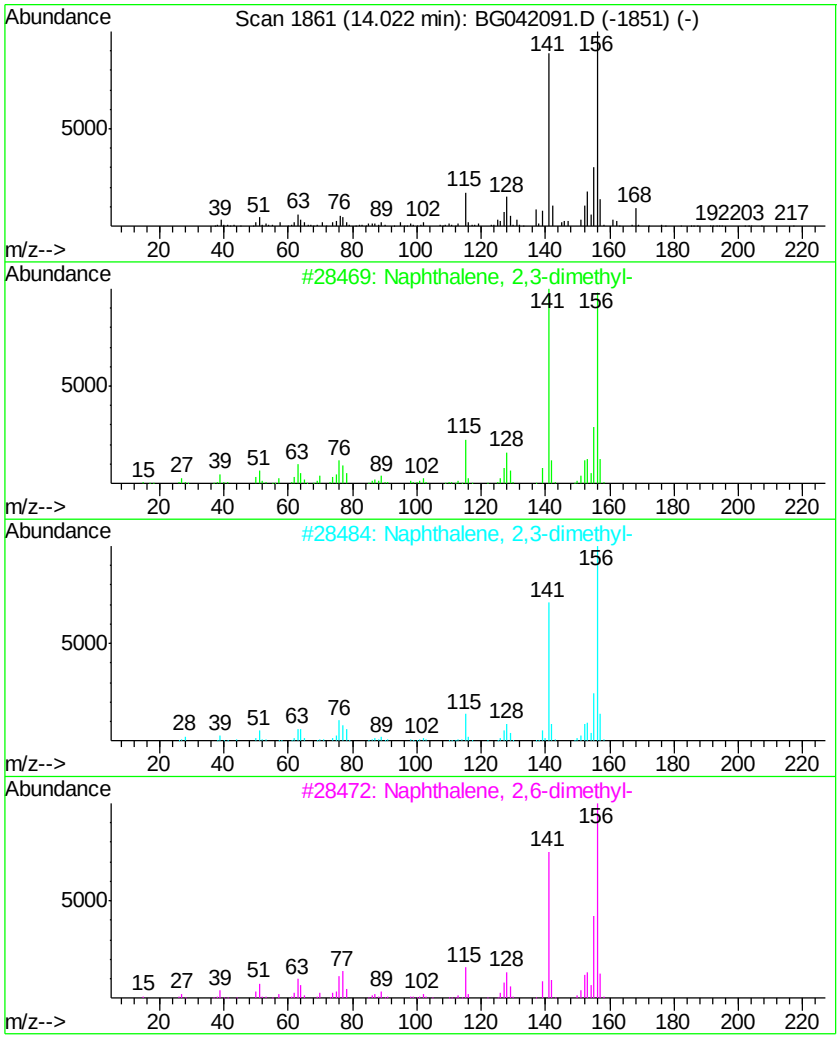
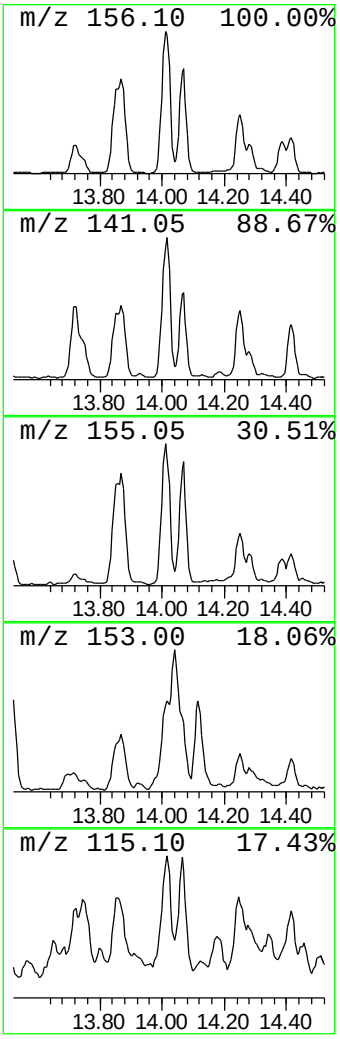
Peak Number 30 Naphthalene, 2,3-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.02	21.13 ng/ul	1645030	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	97
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	97





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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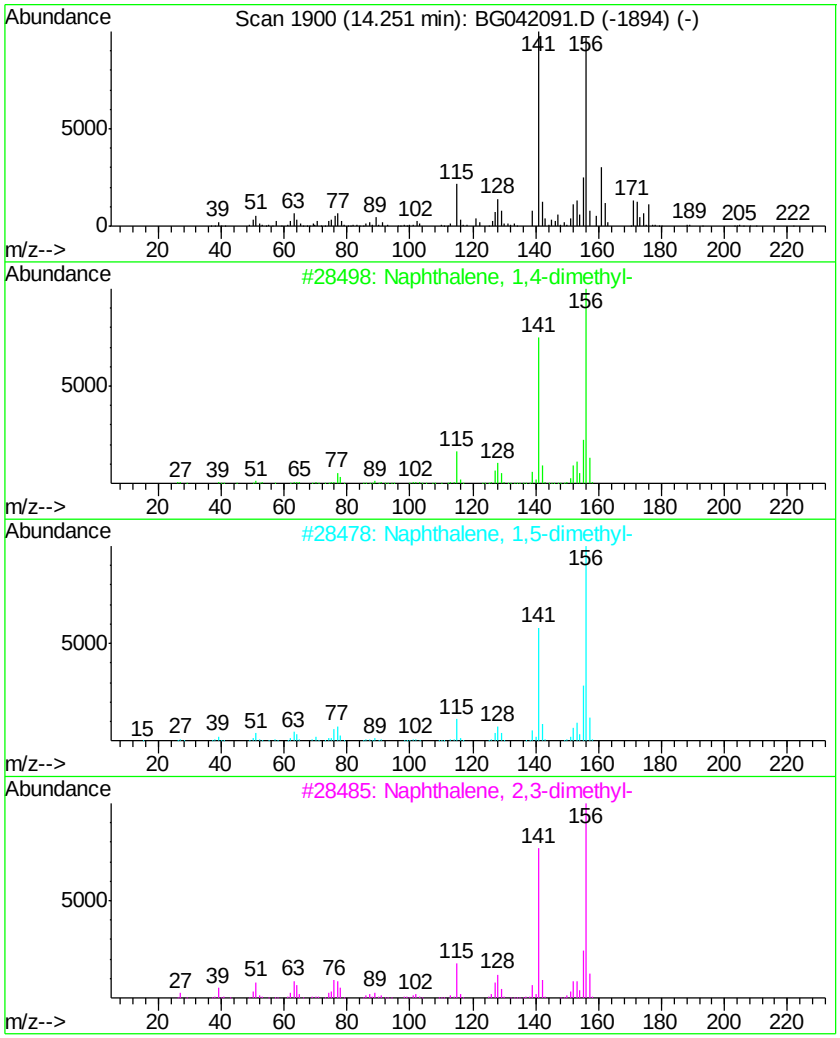
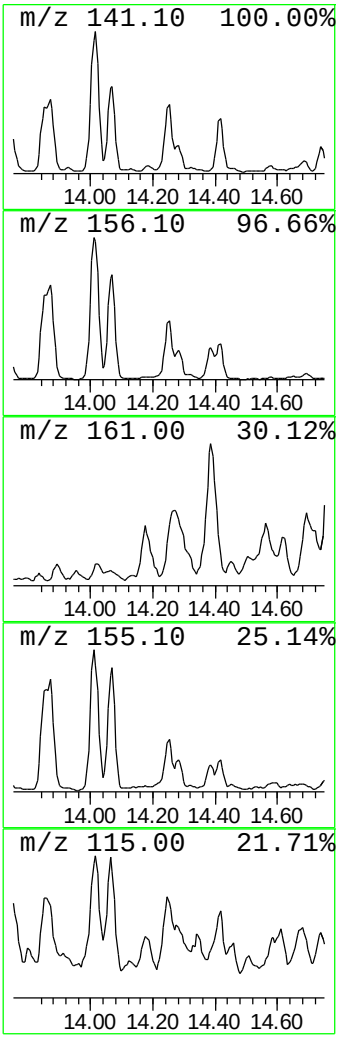
Peak Number 31 Naphthalene, 1,4-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.25	10.88 ng/ul	847026	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	93
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	93
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	93





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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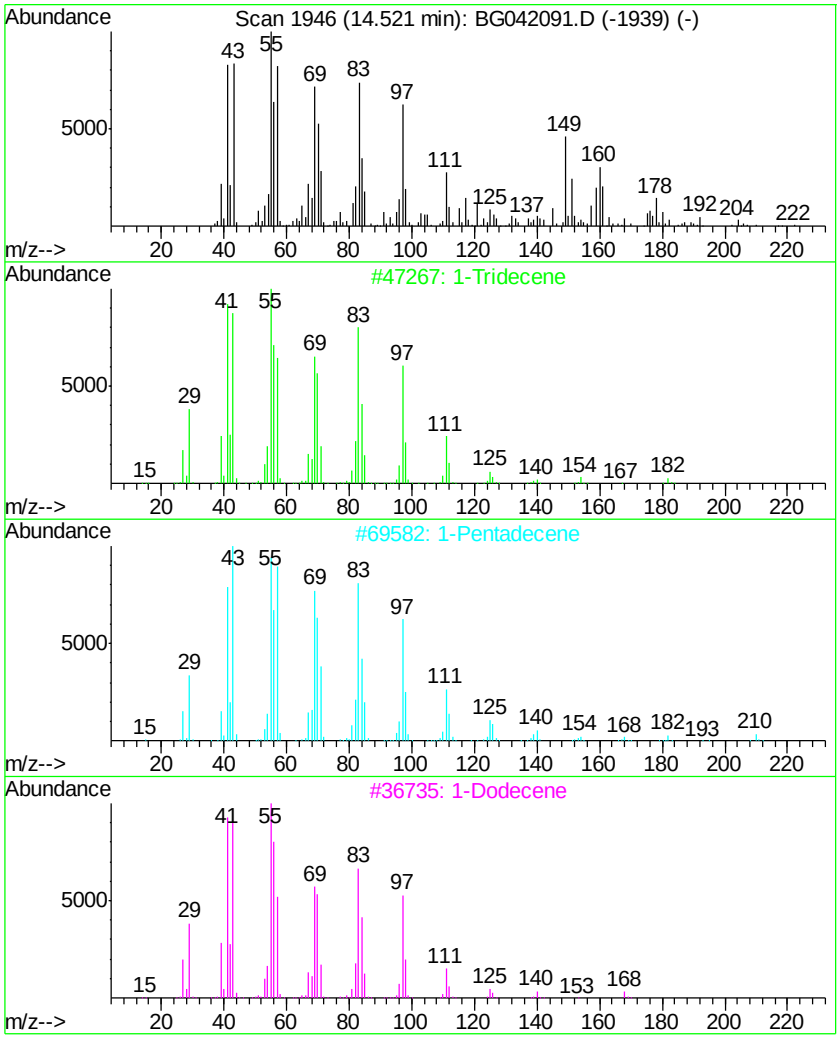
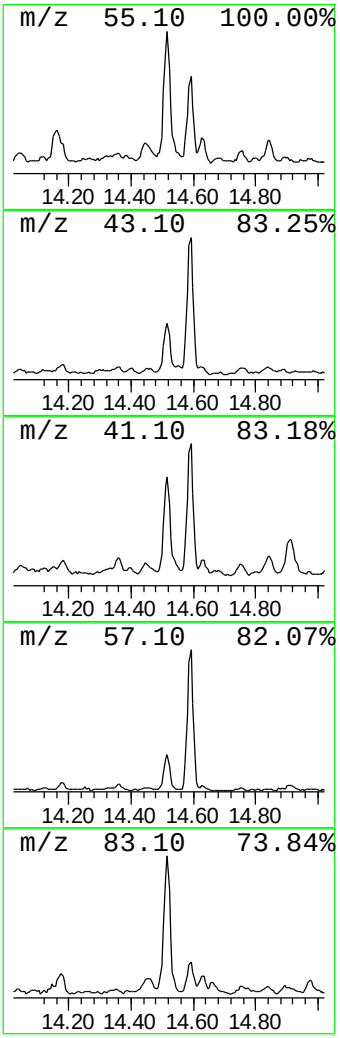
Peak Number 32 (DEL) Alkane: Cyclic14.52 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.52	11.22 ng/ul	873931	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Tridecene	182	C13H26	002437-56-1	98
2	1-Pentadecene	210	C15H30	013360-61-7	95
3	1-Dodecene	168	C12H24	000112-41-4	93
4	Cyclopentadecane	210	C15H30	000295-48-7	86
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	81





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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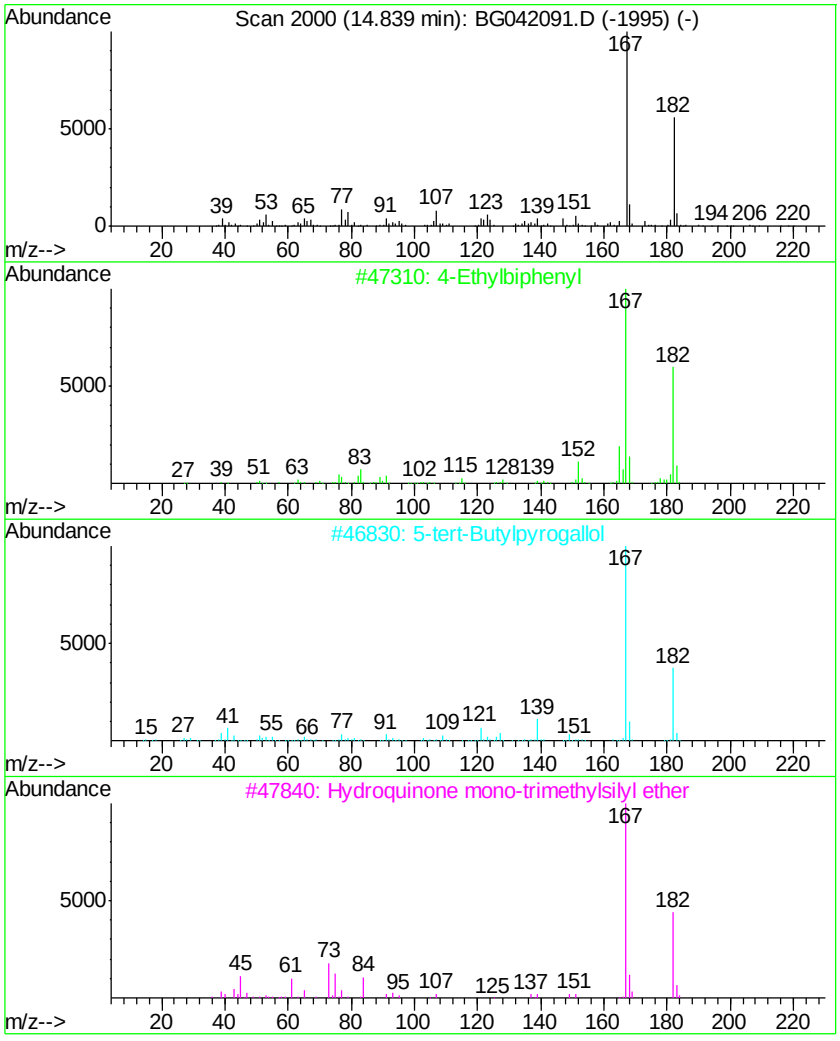
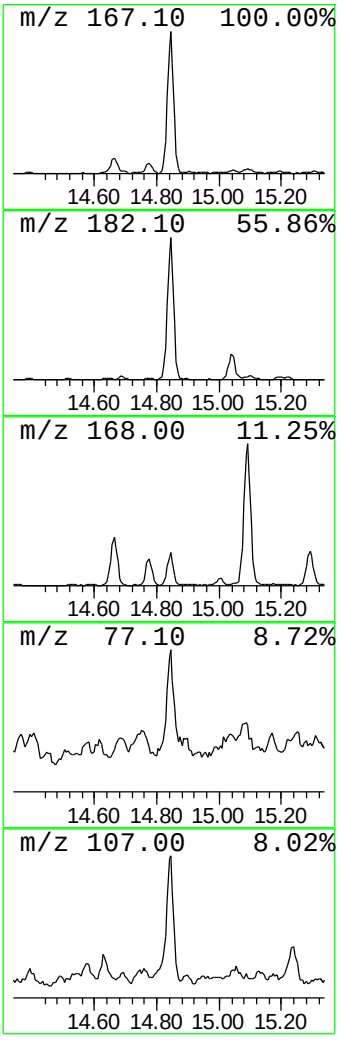
Peak Number 33 4-Ethylbiphenyl Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.84	20.50 ng/ul	1596580	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Ethylbiphenyl	182	C14H14	005707-44-8	72
2	5-tert-Butylpyrogallol	182	C10H14O3	020481-17-8	56
3	Hydroquinone mono-trimethylsilyl...	182	C9H14O2Si	017881-87-7	50
4	4H-1,3,2-Dioxaborin, 2-ethyl-4-m...	210	C12H23BO2	074421-11-7	47
5	2',4'-Dihydroxyacetophenone oxime	167	C8H9NO3	1000212-89-5	46





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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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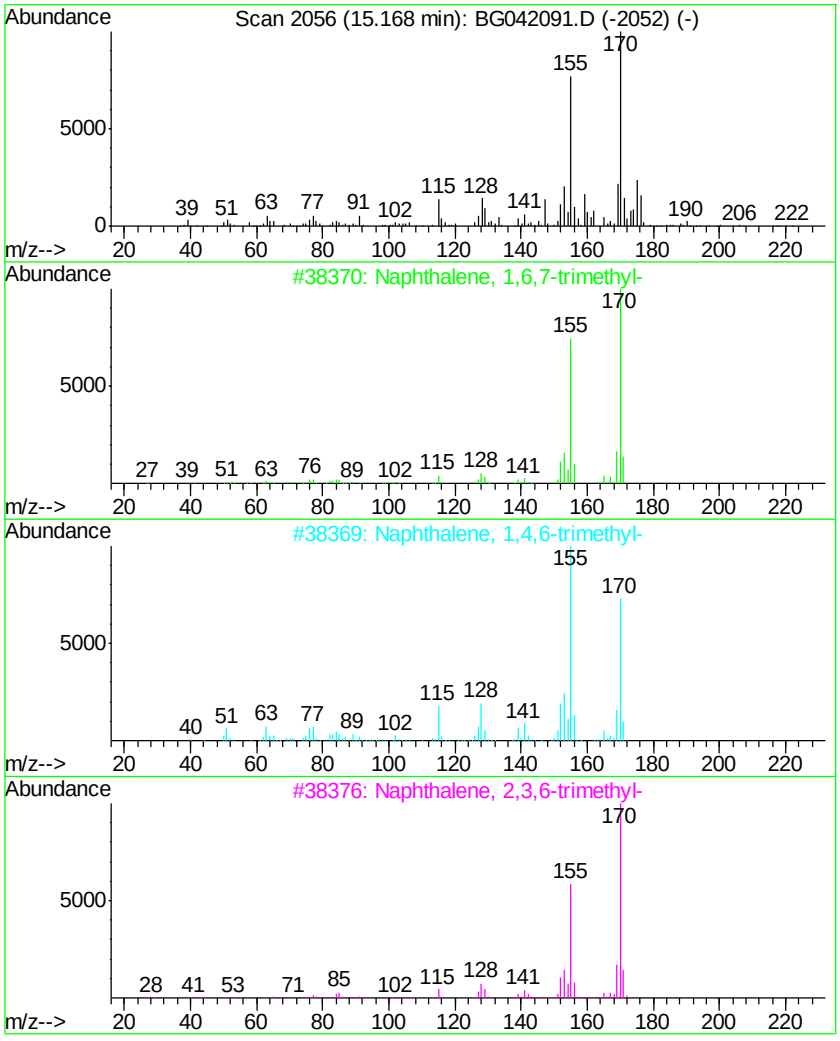
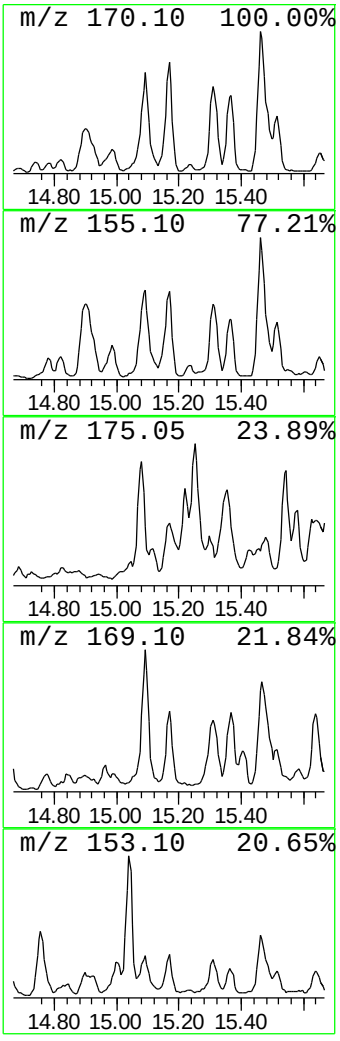
Peak Number 34 Naphthalene, 1,6,7-trimethyl- Concentration Rank 53

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.17	7.24 ng/ul	563818	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	96
2	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	95
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	95
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	94





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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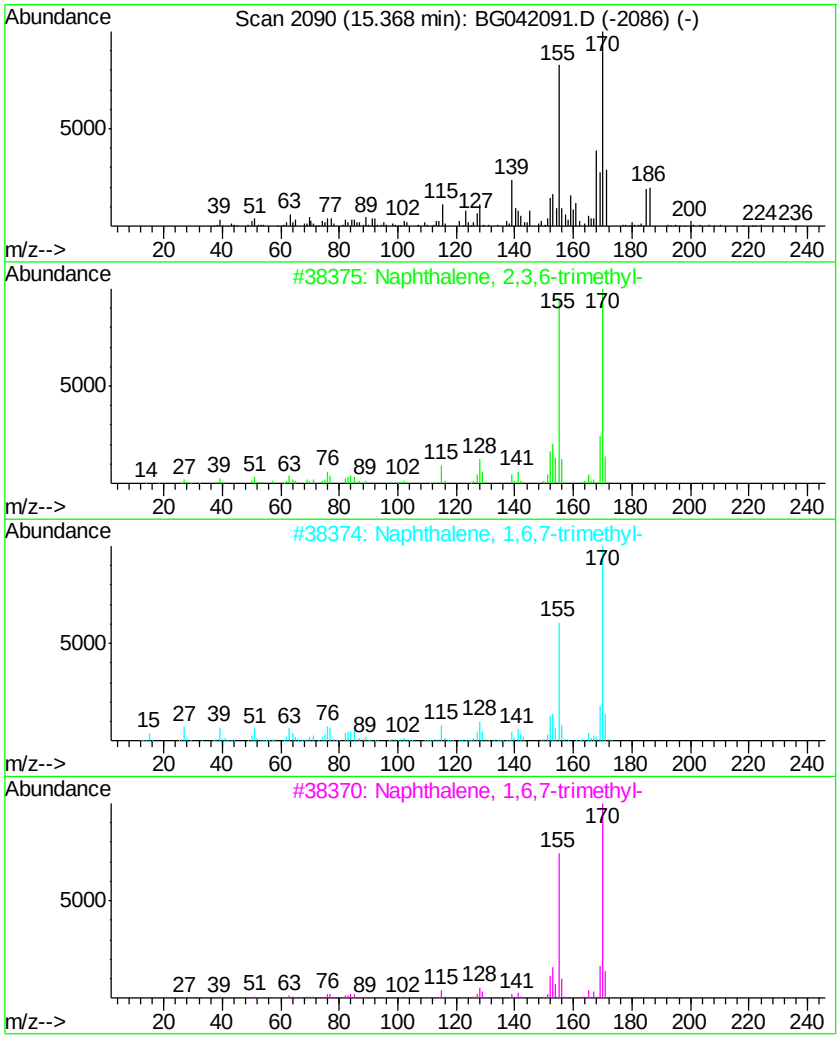
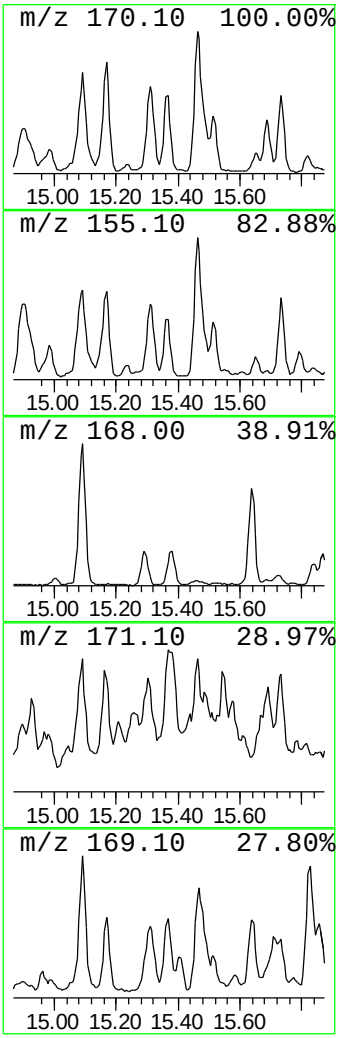
Peak Number 35 Naphthalene, 2,3,6-trimethyl- Concentration Rank 46

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.37	8.59 ng/ul	669177	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	91
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
4	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	60
5	3-(2-Methyl-propenyl)-1H-indene	170	C13H14	1000187-78-5	60





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Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

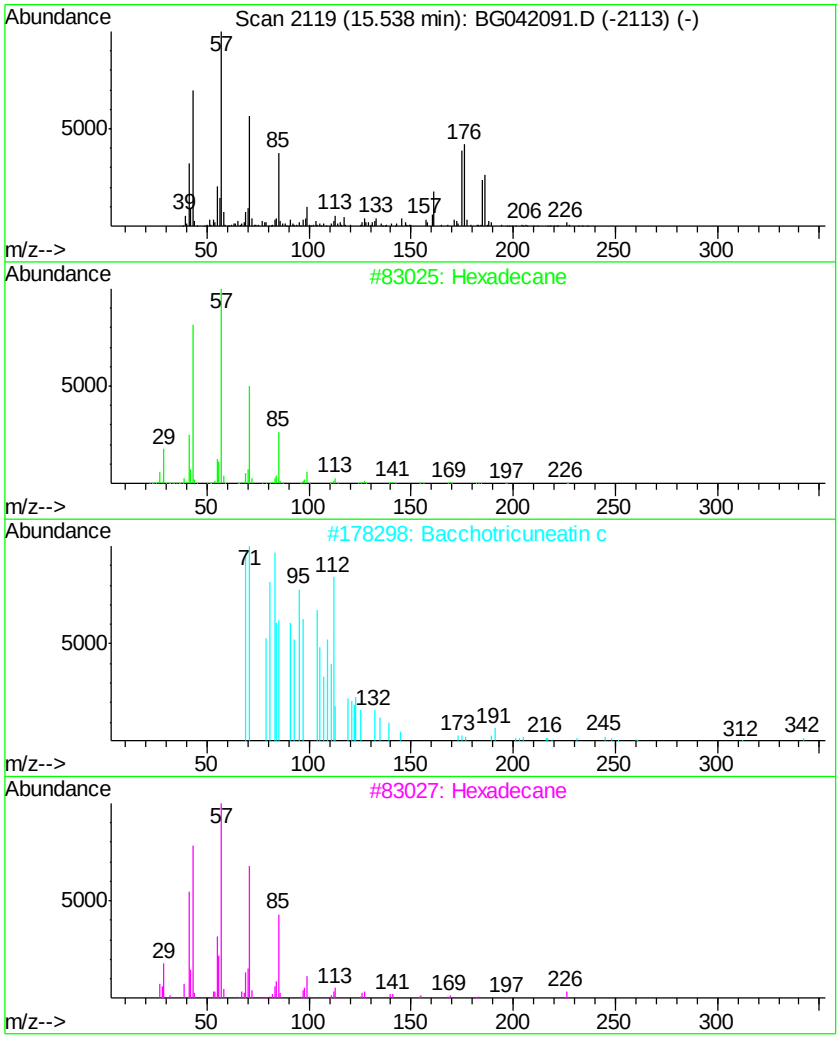
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

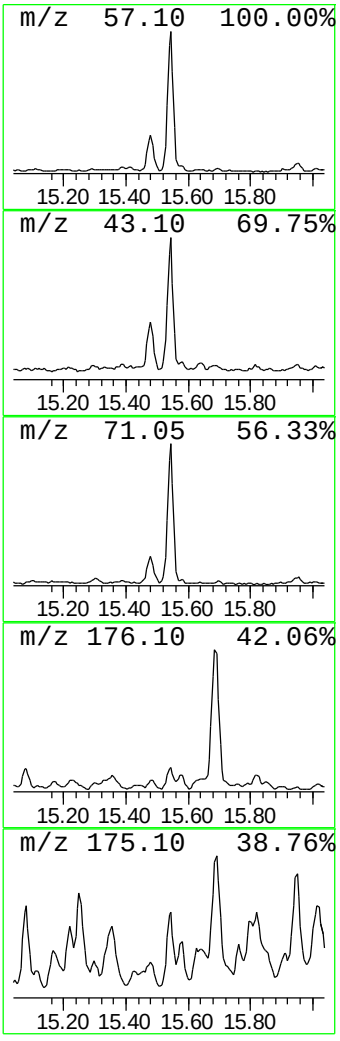
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 37 (DEL) Alkane: Straight-Chai... Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.54	13.74 ng/ul	1069870	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Bacchotricuneatin c	342	C20H22O5	066563-30-2	83
3	Hexadecane	226	C16H34	000544-76-3	78
4	Hexadecane	226	C16H34	000544-76-3	50
5	Tetradecane	198	C14H30	000629-59-4	43





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Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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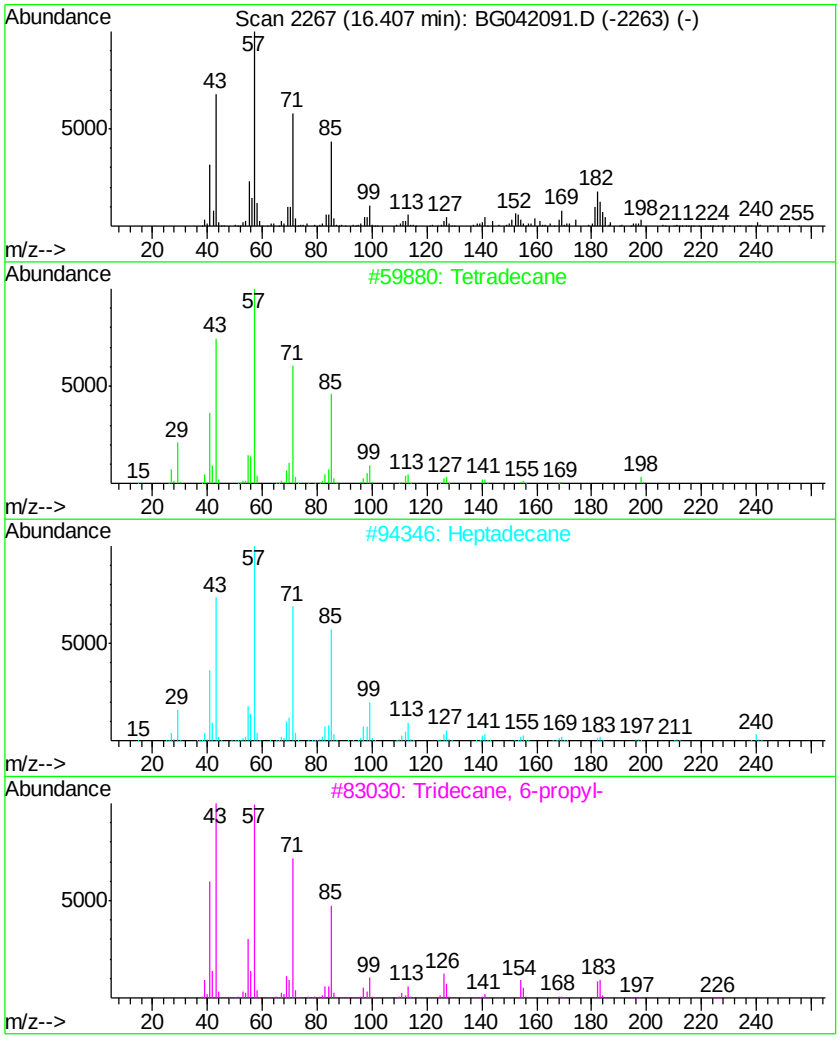
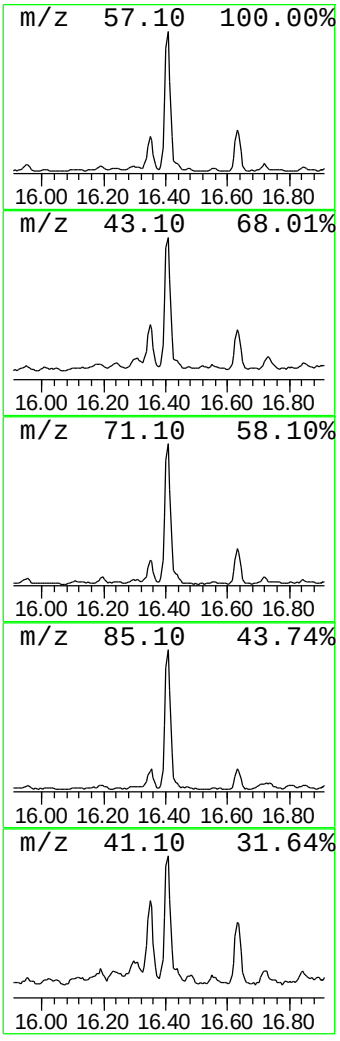
Peak Number 42 (DEL) Alkane: Straight-Chai... Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.41	13.82 ng/ul	994572	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	95
2	Heptadecane	240	C17H36	000629-78-7	95
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	90
4	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	90





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Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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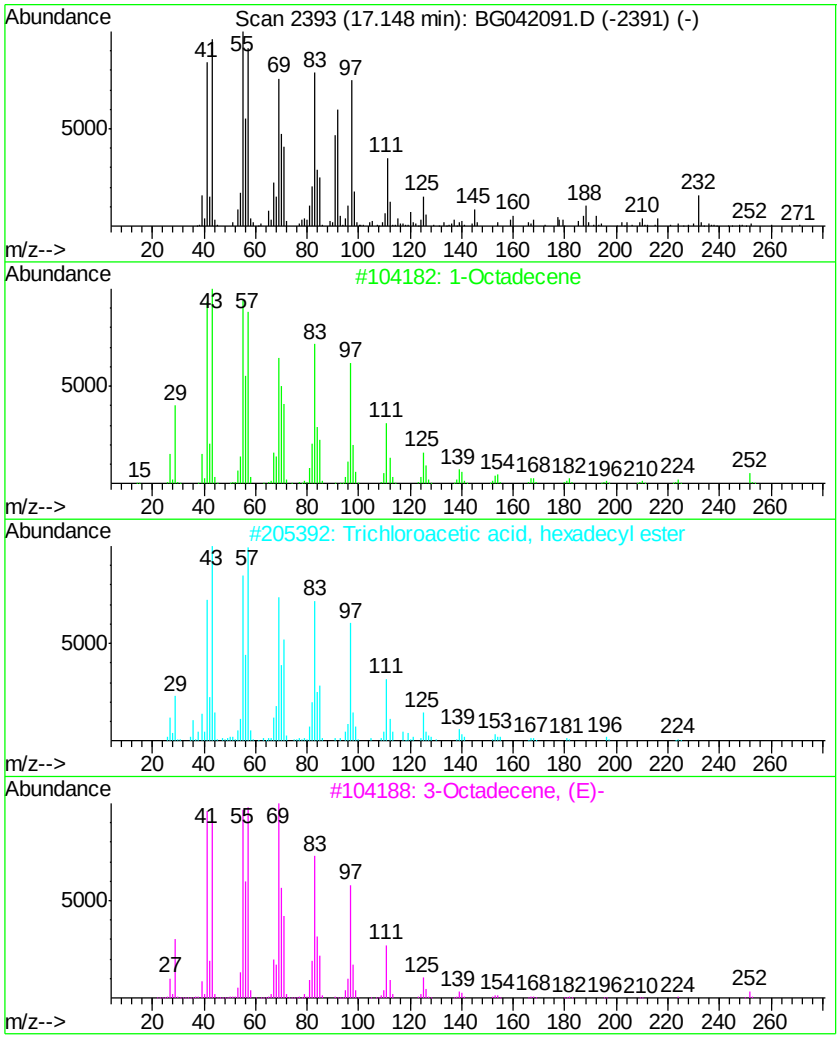
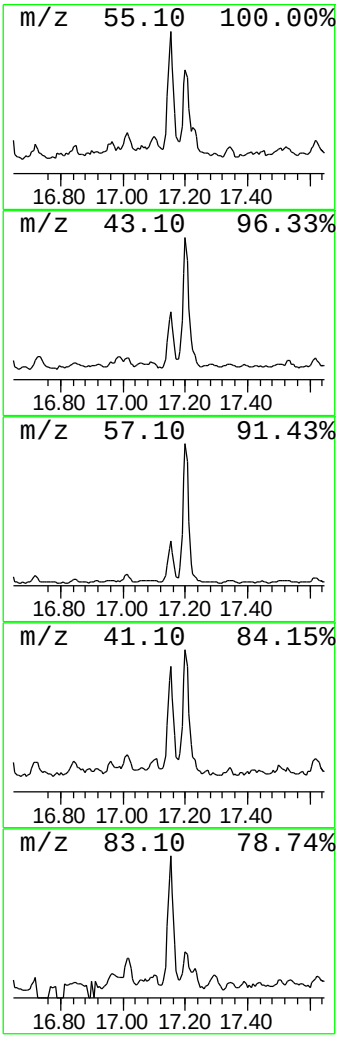
Peak Number 48 (DEL) Alkane: Cyclic17.15 Concentration Rank 55

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.15	6.76 ng/ul	486509	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	99
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	87
4	11-Tricosene	322	C23H46	052078-56-5	87
5	5-Octadecene, (E)-	252	C18H36	007206-21-5	87





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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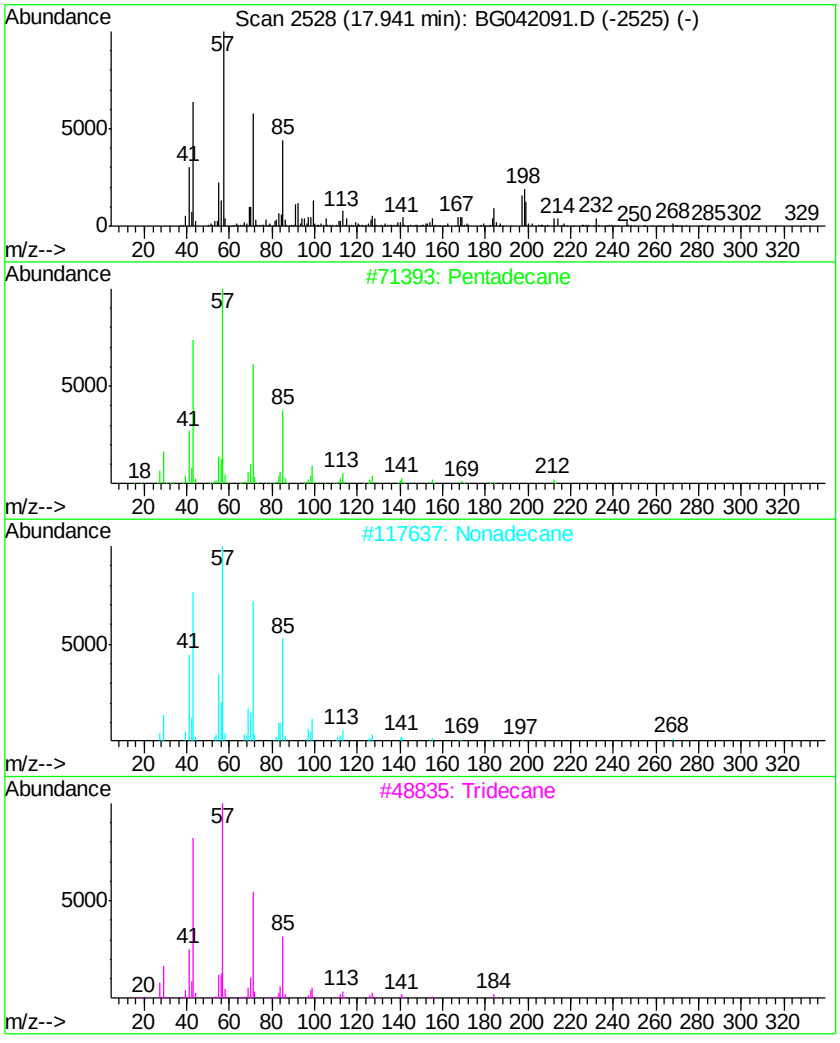
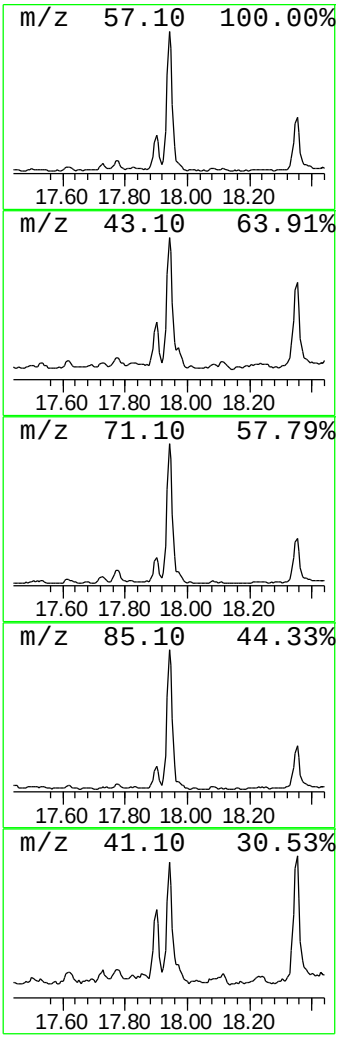
Peak Number 51 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.94	15.05 ng/ul	1083420	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	95
2	Nonadecane	268	C19H40	000629-92-5	95
3	Tridecane	184	C13H28	000629-50-5	90
4	Pentadecane	212	C15H32	000629-62-9	89
5	Pentadecane	212	C15H32	000629-62-9	89





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Instrument : BNA_G
ClientSampleId : C0AM5

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Quant Title : SVOA CALIBRATION

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

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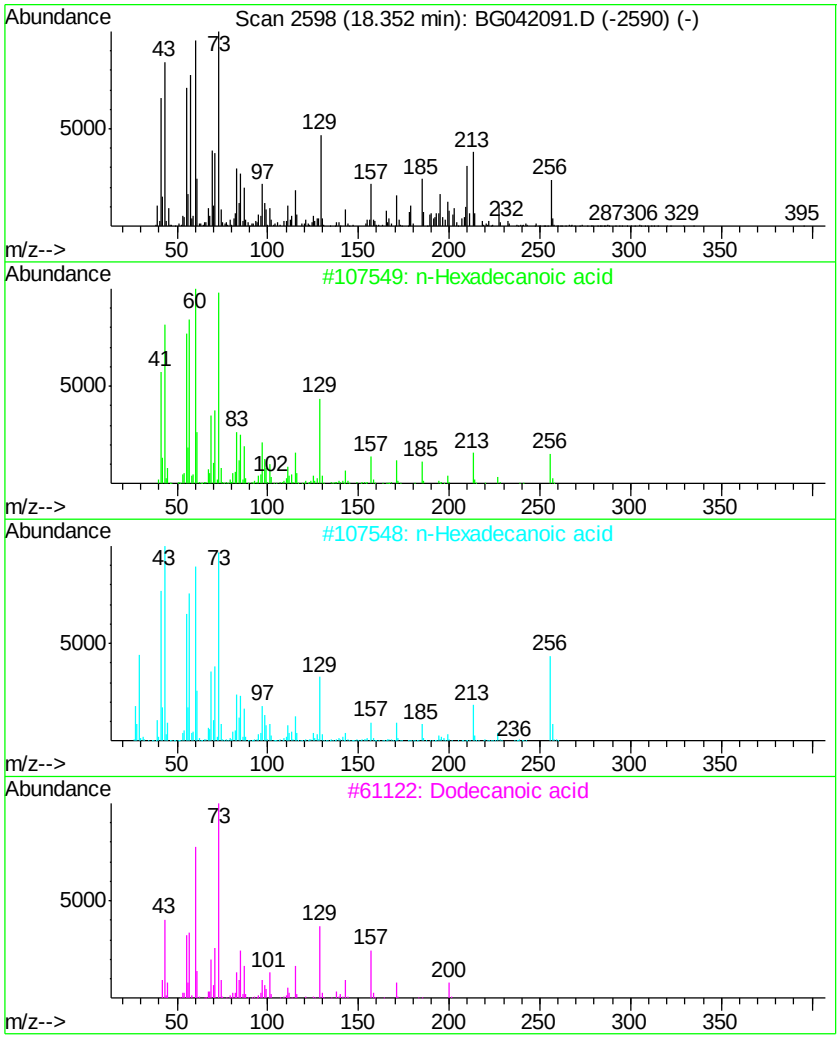
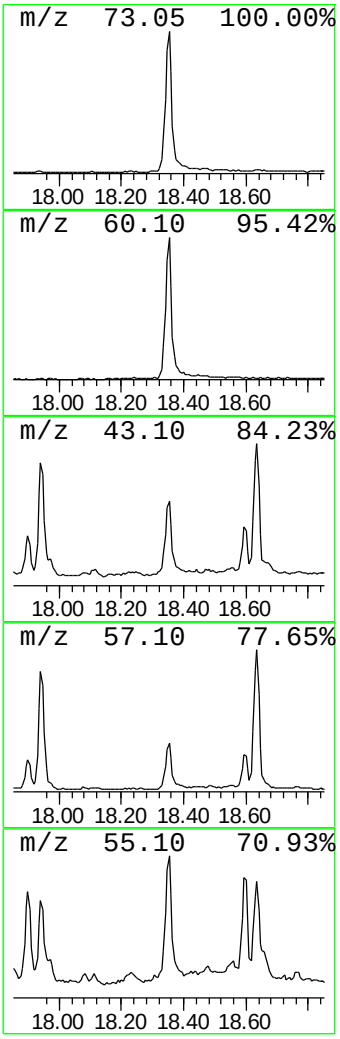
Peak Number 52 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.35	25.33 ng/ul	1823180	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Dodecanoic acid	200	C12H24O2	000143-07-7	78
4	n-Decanoic acid	172	C10H20O2	000334-48-5	60
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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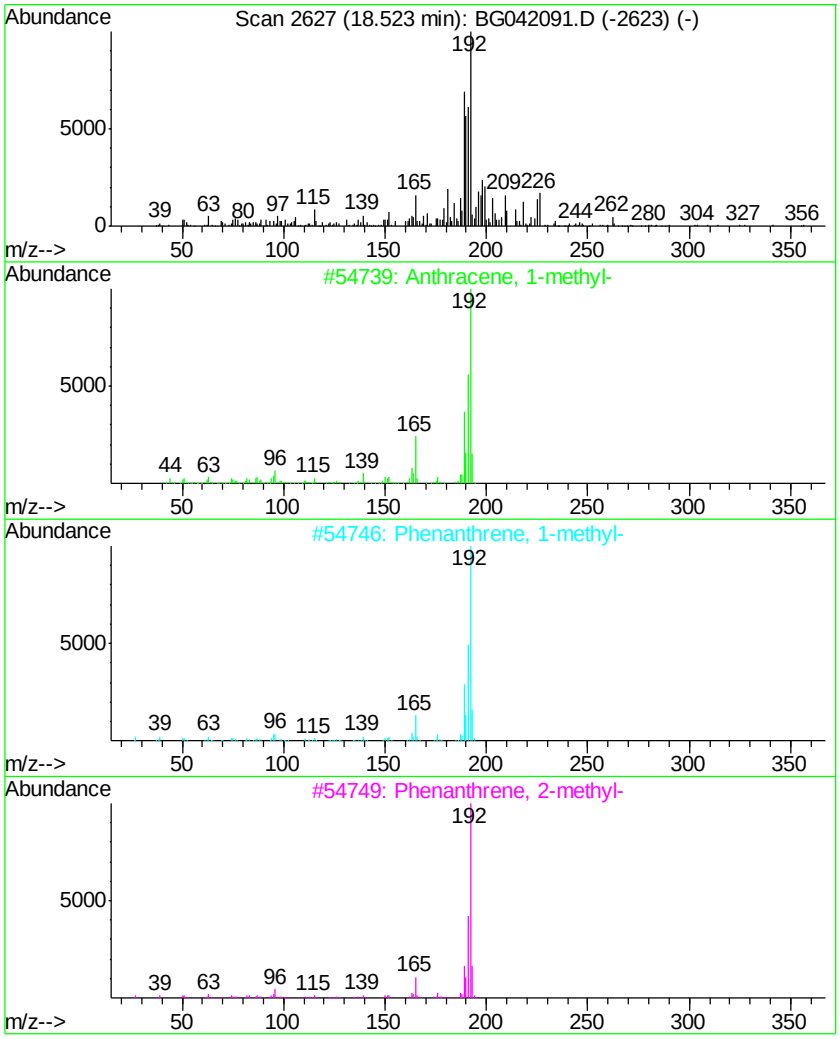
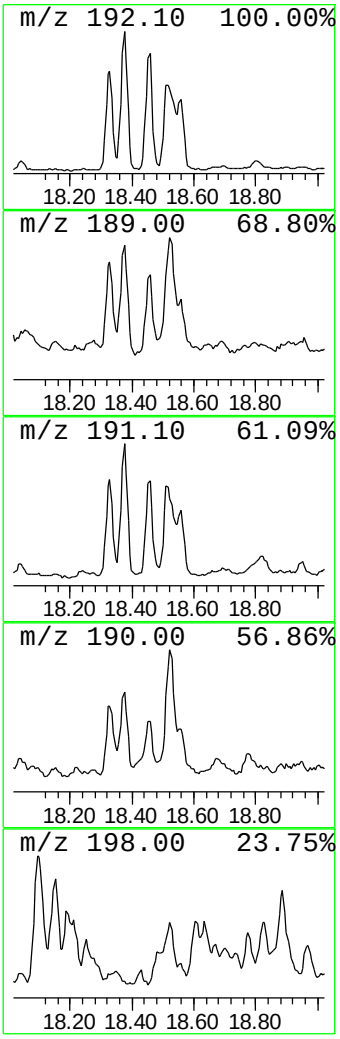
Peak Number 53 Anthracene, 1-methyl- Concentration Rank 49

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.52	8.33 ng/ul	599118	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	64
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	50
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	50





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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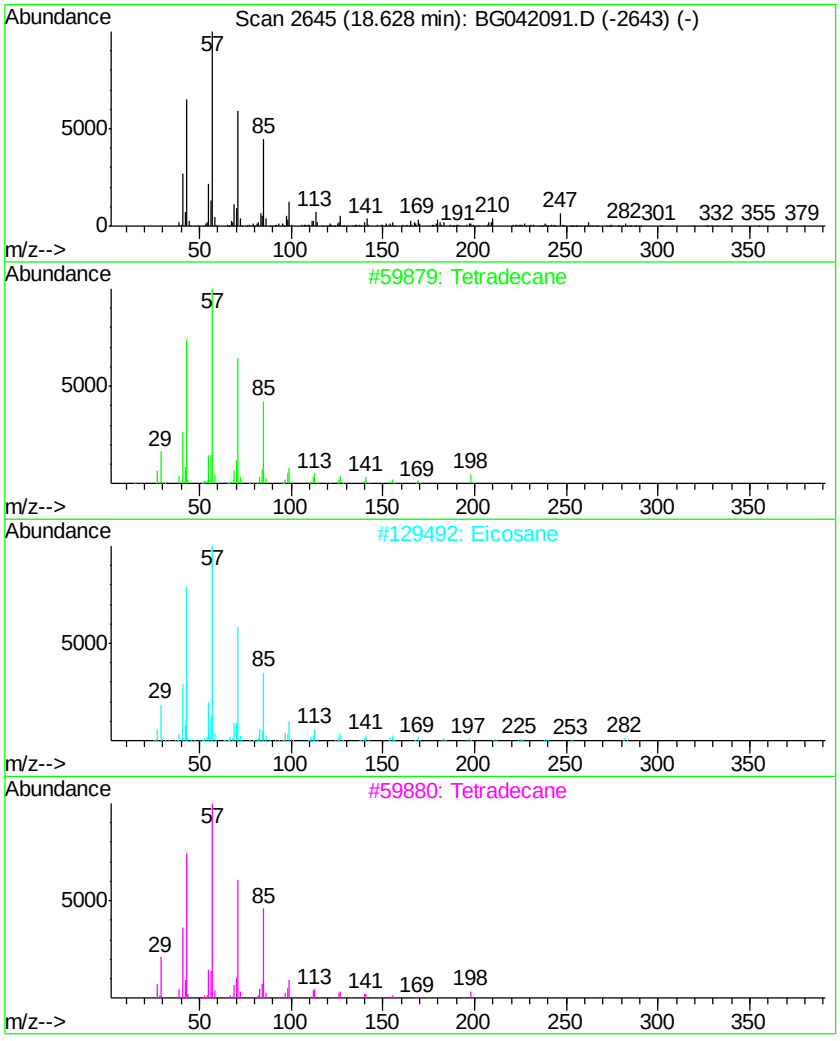
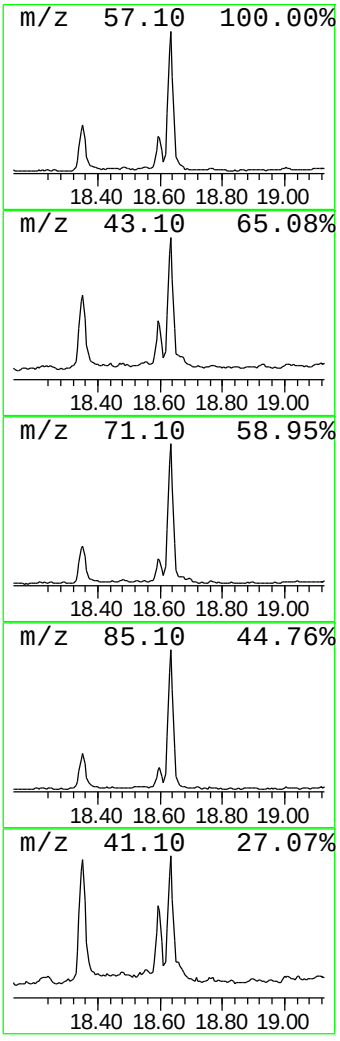
Peak Number 54 (DEL) Alkane: Straight-Chai... Concentration Rank 42

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.63	10.21 ng/ul	734749	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	96
2	Eicosane	282	C20H42	000112-95-8	96
3	Tetradecane	198	C14H30	000629-59-4	95
4	Heneicosane	296	C21H44	000629-94-7	87
5	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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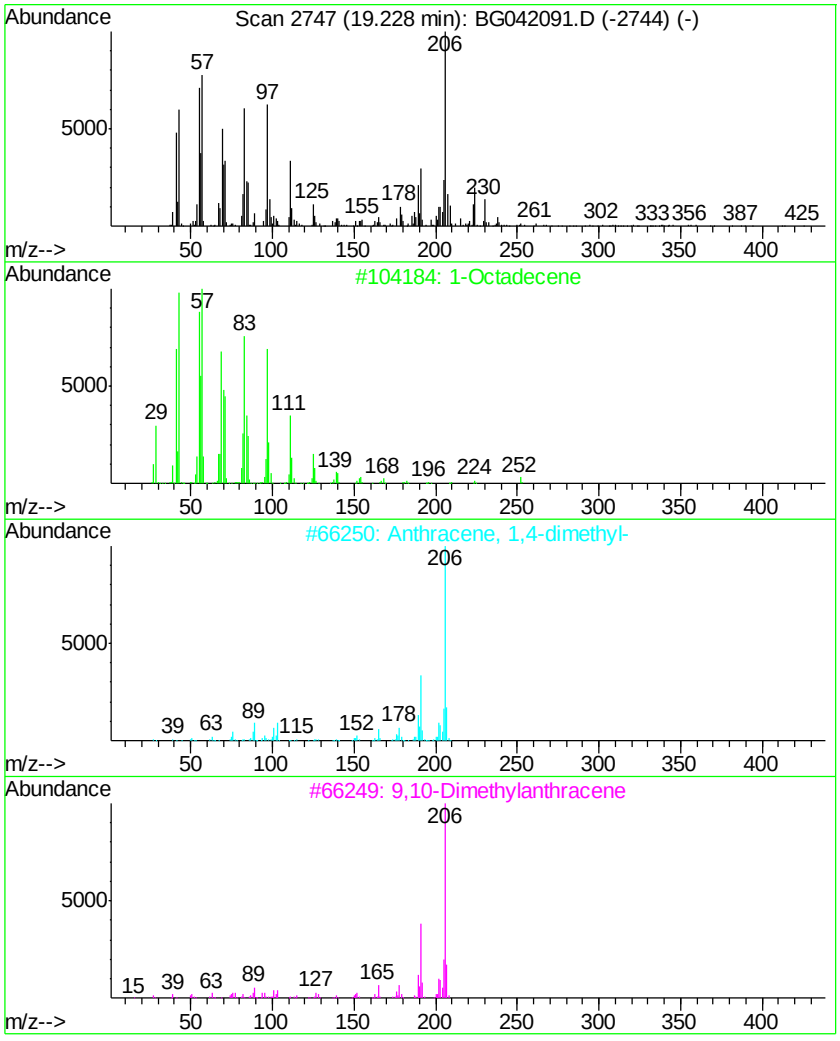
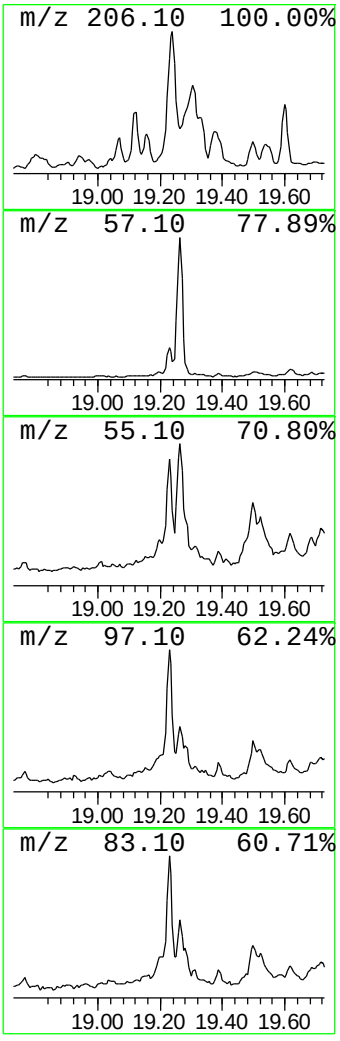
Peak Number 55 (DEL) Alkane: Cyclic19.23 Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.23	12.95 ng/ul	931939	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	90
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	64
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	64
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	50





Library Search Compound Report

Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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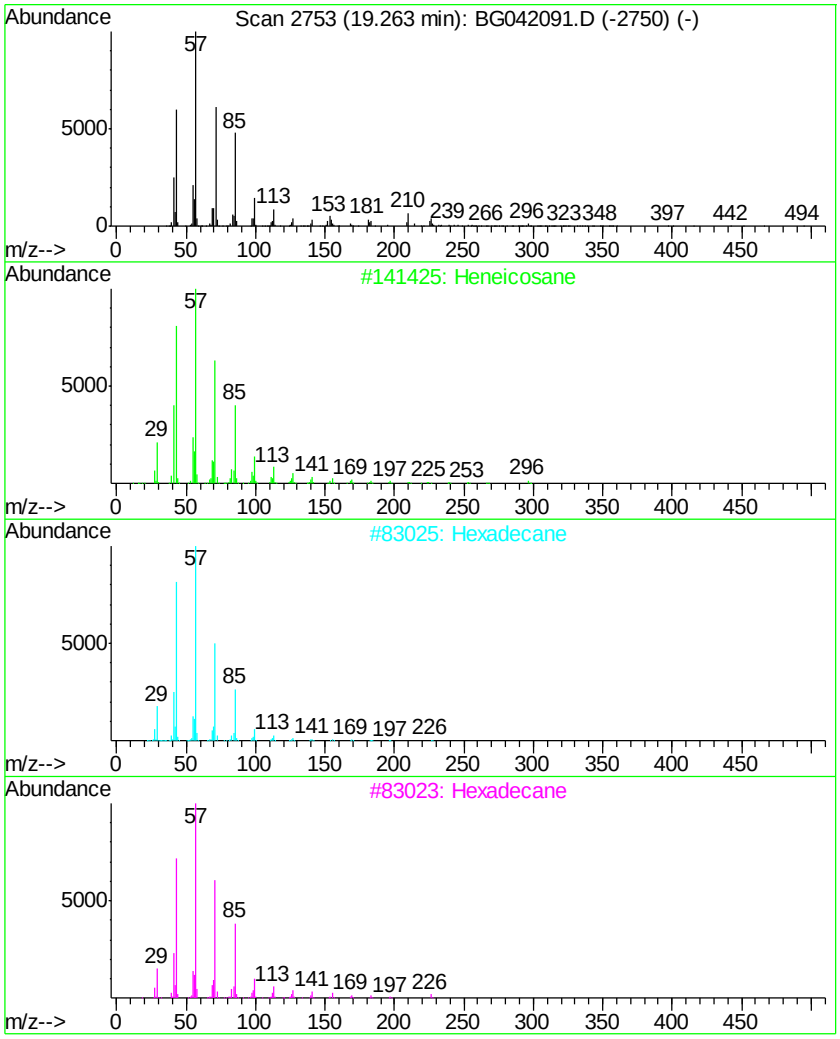
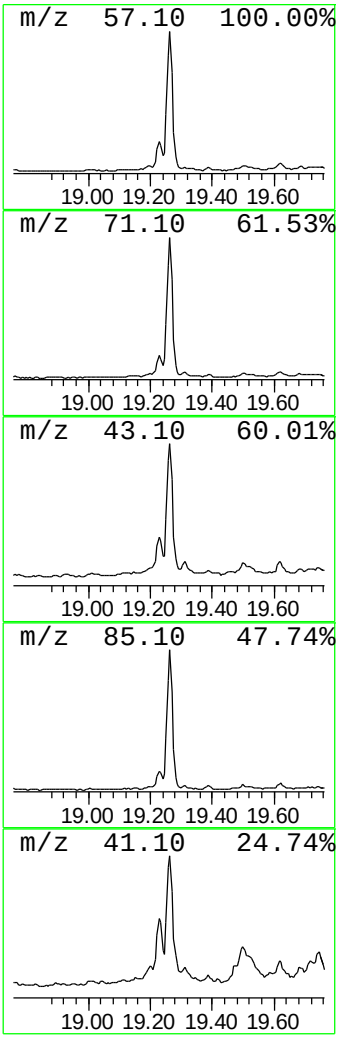
Peak Number 56 (DEL) Alkane: Straight-Chai... Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.26	19.45 ng/ul	1399570	Phenanthrene-d10	17.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	96
2	Hexadecane	226	C16H34	000544-76-3	96
3	Hexadecane	226	C16H34	000544-76-3	83
4	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	80
5	Hexadecane	226	C16H34	000544-76-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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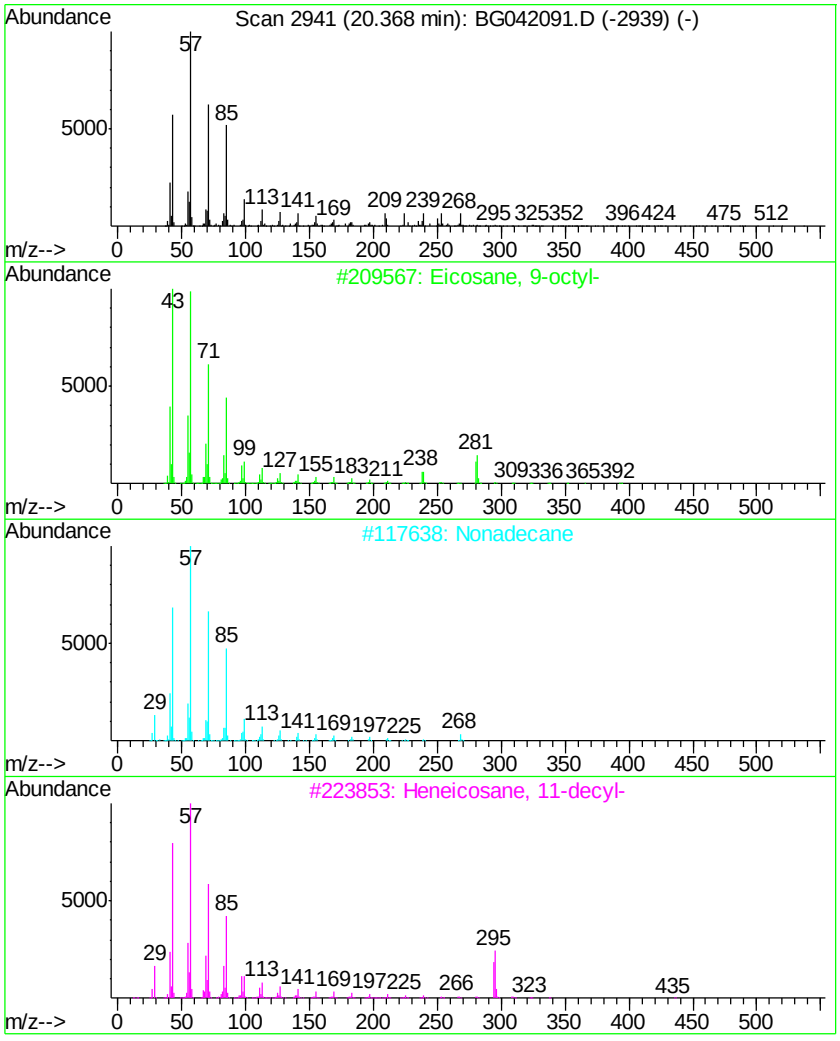
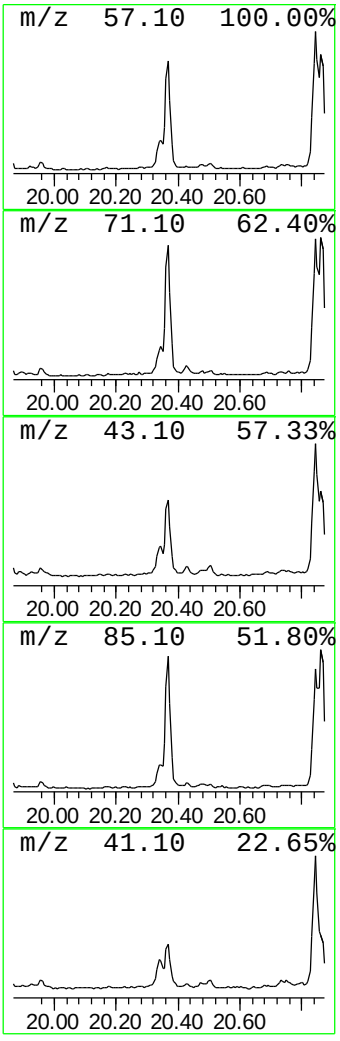
Peak Number 58 (DEL) Alkane: Straight-Chai... Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.37	12.24 ng/ul	928892	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane, 9-octyl-	394	C28H58	013475-77-9	81
2	Nonadecane	268	C19H40	000629-92-5	78
3	Heneicosane, 11-decyl-	437	C31H64	055320-06-4	74
4	Octadecane, 1-iodo-	380	C18H37I	000629-93-6	74
5	Heneicosane	296	C21H44	000629-94-7	74





Data Path : Z:\svoasrv\HPCHEM1\BNA G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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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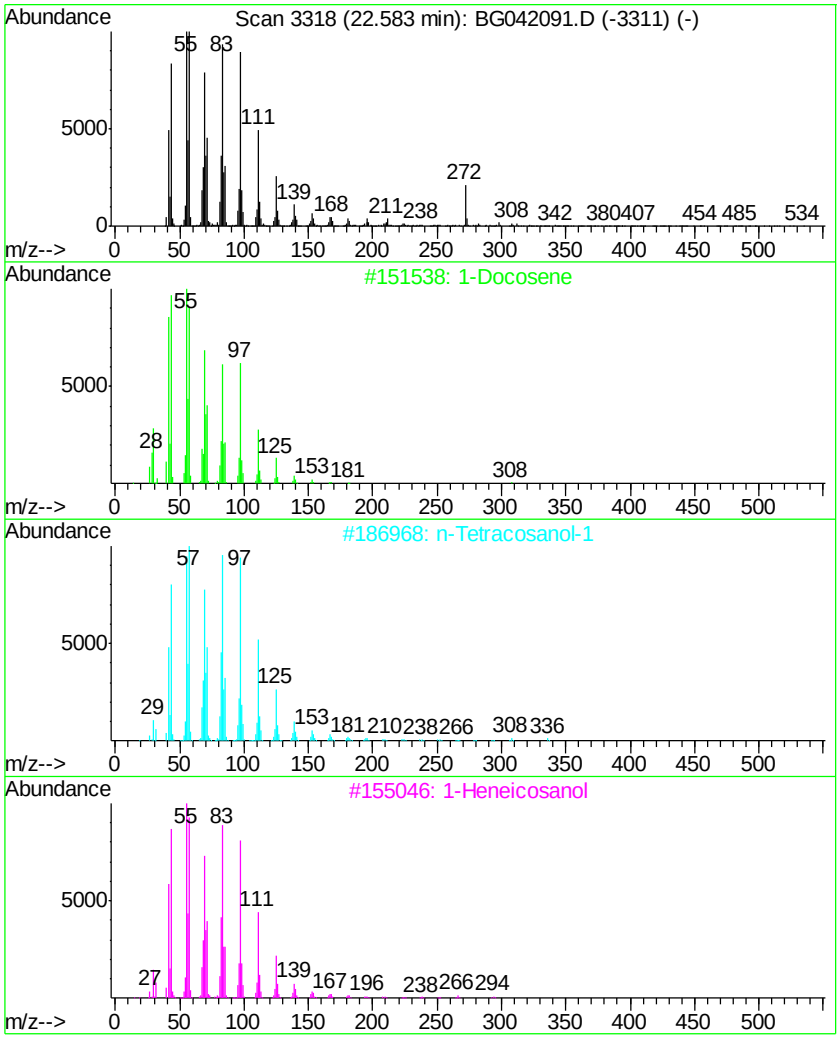
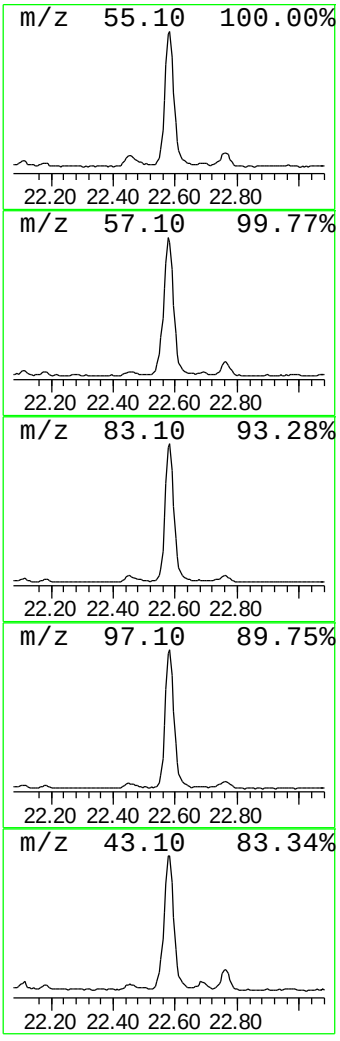
Peak Number 63 (DEL) Alkane: Cyclic22.58 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	77.19 ng/ul	5860140	Chrysene-d12	21.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	99
2	n-Tetracosanol-1	354	C24H50O	000506-51-4	95
3	1-Heneicosanol	312	C21H44O	015594-90-8	95
4	Behenic alcohol	326	C22H46O	000661-19-8	94
5	Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG080819\
Data File : BG042091.D
Acq On : 9 Aug 2019 7:36
Operator : HP/JU
Sample : K4147-02
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AM5

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	124.9	ng/ul	2595720	1	8.03	415615	20.0
Benzene, 1,2,4-tr...	7.68	35.1	ng/ul	729275	1	8.03	415615	20.0
unknown-01	8.58	15.6	ng/ul	323631	1	8.03	415615	20.0
Benzene, 1,4-diet...	8.68	23.8	ng/ul	495088	1	8.03	415615	20.0
Benzofuran, 7-met...	9.51	6.5	ng/ul	407960	2	10.86	1251730	20.0
Benzofuran, 2-met...	9.59	8.8	ng/ul	551481	2	10.86	1251730	20.0
1H-Indene, 1-methyl-	10.26	18.4	ng/ul	1150380	2	10.86	1251730	20.0
(DEL) Alkane: Cyc...	10.71	9.9	ng/ul	621459	2	10.86	1251730	20.0
Benzofuran, 4,7-d...	11.04	6.1	ng/ul	384272	2	10.86	1251730	20.0
1H-Indazole, 3,6-...	11.10	21.1	ng/ul	1323040	2	10.86	1251730	20.0
1H-Benzimidazole,...	11.23	12.0	ng/ul	751195	2	10.86	1251730	20.0
Benzonitrile, 4-(...	11.27	24.4	ng/ul	1530330	2	10.86	1251730	20.0
1H-Inden-1-one, 2...	11.34	6.6	ng/ul	415677	2	10.86	1251730	20.0
unknown-02	11.68	8.2	ng/ul	511071	2	10.86	1251730	20.0
2,2-Dimethylinden...	11.77	5.3	ng/ul	333109	2	10.86	1251730	20.0
1H-Indene, 1,3-di...	12.07	10.1	ng/ul	631872	2	10.86	1251730	20.0
(DEL) Alkane: Cyc...	12.18	13.8	ng/ul	863836	2	10.86	1251730	20.0
(DEL) Alkane: Str...	12.28	12.9	ng/ul	804356	2	10.86	1251730	20.0
1H-Indene, 2,3-di...	12.34	6.8	ng/ul	427688	2	10.86	1251730	20.0
1H-Inden-1-one, 2...	12.41	12.0	ng/ul	752096	2	10.86	1251730	20.0
Benzene, 1-methox...	12.65	5.2	ng/ul	327833	2	10.86	1251730	20.0
1,4-Methanonaphth...	12.74	19.8	ng/ul	1238860	2	10.86	1251730	20.0
Phenol, 2,6-dimet...	12.94	6.7	ng/ul	518484	3	14.69	1557400	20.0
1-Benzenol,2-meth...	13.18	7.4	ng/ul	573667	3	14.69	1557400	20.0
(1-Methylpenta-2,...	13.42	20.0	ng/ul	1554170	3	14.69	1557400	20.0
Naphthalene, 1,6-...	13.85	6.0	ng/ul	468717	3	14.69	1557400	20.0
Naphthalene, 2,3-...	14.02	21.1	ng/ul	1645030	3	14.69	1557400	20.0
Naphthalene, 1,4-...	14.25	10.9	ng/ul	847026	3	14.69	1557400	20.0
(DEL) Alkane: Cyc...	14.52	11.2	ng/ul	873931	3	14.69	1557400	20.0
4-Ethylbiphenyl	14.84	20.5	ng/ul	1596580	3	14.69	1557400	20.0
Naphthalene, 1,6,...	15.17	7.2	ng/ul	563818	3	14.69	1557400	20.0
Naphthalene, 2,3,...	15.37	8.6	ng/ul	669177	3	14.69	1557400	20.0
(DEL) Alkane: Str...	15.54	13.7	ng/ul	1069870	3	14.69	1557400	20.0
(DEL) Alkane: Str...	16.41	13.8	ng/ul	994572	4	17.45	1439310	20.0
(DEL) Alkane: Cyc...	17.15	6.8	ng/ul	486509	4	17.45	1439310	20.0
(DEL) Alkane: Str...	17.94	15.1	ng/ul	1083420	4	17.45	1439310	20.0
n-Hexadecanoic acid	18.35	25.3	ng/ul	1823180	4	17.45	1439310	20.0
Anthracene, 1-met...	18.52	8.3	ng/ul	599118	4	17.45	1439310	20.0
(DEL) Alkane: Str...	18.63	10.2	ng/ul	734749	4	17.45	1439310	20.0
(DEL) Alkane: Cyc...	19.23	12.9	ng/ul	931939	4	17.45	1439310	20.0
(DEL) Alkane: Str...	19.26	19.4	ng/ul	1399570	4	17.45	1439310	20.0
(DEL) Alkane: Str...	20.37	12.2	ng/ul	928892	5	21.74	1518290	20.0
(DEL) Alkane: Cyc...	22.58	77.2	ng/ul	5860140	5	21.74	1518290	20.0