LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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	3.142	5	9	27	rVB	1370006	2178757	100.00%	9.242%
2	4.170	179	184	192	rVB	55167	86679	3.98%	0.368%
3	7.184	689	697	712	rBV	163818	343413	15.76%	1.457%
4	7.343	716	724	733	rBV	122733	212487	9.75%	0.901%
5	7.554	750	760	769	rVV	185731	335341	15.39%	1.422%
6	7.648	772	776	785	rVB5	12327	27245	1.25%	0.116%
7	8.024	832	840	850	rVV	237033	428184	19.65%	1.816%
8	8.171	857	865	869	rBV4	11557	22803	1.05%	0.097%
9	8.324	886	891	898	rVB4	11783	24657	1.13%	0.105%
10	8.565	927	932	939	rVV8	10485	25543	1.17%	0.108%
11	8.694	946	954	956	rBV5	13187	27136	1.25%	0.115%
12	8.735	956	961	968	rVV	165440	306605	14.07%	1.301%
13	8.800	968	972	977	rVV3	17792	32898	1.51%	0.140%
14	9.146	1027	1031	1033	rVV3	23590	40679	1.87%	0.173%
15	9.193	1033	1039	1045	rVV	159943	306119	14.05%	1.298%
16	9.270	1048	1052	1057	rVV2	29455	47799	2.19%	0.203%
17	9.393	1070	1073	1081	rVB7	17533	37479	1.72%	0.159%
18	9.528	1091	1096	1101	rVB6	15797	31753	1.46%	0.135%
19	9.693	1117	1124	1127	rVV4	20052	41476	1.90%	0.176%
20	9.734	1127	1131	1134	rVV2	16905	34703	1.59%	0.147%
21	9.769	1134	1137	1141	rVV3	22103	33702	1.55%	0.143%
22	9.922	1156	1163	1169	rBV2	149324	292568	13.43%	1.241%
23	9.975	1169	1172	1177	rVB3	31845	48400	2.22%	0.205%
24	10.033	1177	1182	1189	rVB6	33147	60883	2.79%	0.258%
25	10.104	1189	1194	1196	rBV3	22694	34389	1.58%	0.146%
26	10.198	1203	1210	1214	rBV3	28085	49262	2.26%	0.209%
27	10.274	1214	1223	1228	rBV4	33051	93867	4.31%	0.398%
28	10.380	1237	1241	1246	rBV2	22759	36630	1.68%	0.155%
29	10.468	1246	1256	1265	rVB	229633	453421	20.81%	1.923%
30	10.551	1266	1270	1273	rBV2	13673	21727	1.00%	0.092%
31	10.639	1280	1285	1290	rBV8	10870	19959	0.92%	0.085%
32	10.721	1293	1299	1301	rBV4	24559	45851	2.10%	0.194%
33	10.850	1310	1321	1326	rBV	339101	694685	31.88%	2.947%
34	10.897	1326	1329	1337	rVV2	60393	120097	5.51%	0.509%

LSC Area Percent Report

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Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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	10.979	1337	1343	1347	rVV	196777	385401	17.69%	1.635%
36	11.015	1347	1349	1355	rVV	119280	164340	7.54%	0.697%
37	11.073	1355	1359	1366	rVB6	30220	50344	2.31%	0.214%
38	11.150	1368	1372	1378	rVB7	20937	41640	1.91%	0.177%
39	11.226	1380	1385	1387	rBV4	15249	24568	1.13%	0.104%
40	11.273	1389	1393	1399	rVB6	15809	28608	1.31%	0.121%
41	11.355	1402	1407	1412	rVB6	25347	46683	2.14%	0.198%
42	11.414	1412	1417	1424	rBV7	15668	31474	1.44%	0.134%
43	11.479	1424	1428	1431	rBV6	16889	27095	1.24%	0.115%
44	11.526	1432	1436	1437	rVV4	22331	31149	1.43%	0.132%
45	11.561	1438	1442	1449	rVV6	70132	149559	6.86%	0.634%
46	11.620	1450	1452	1460	rVB5	26499	43808	2.01%	0.186%
47	11.696	1460	1465	1471	rBV5	44131	76804	3.53%	0.326%
48	11.773	1473	1478	1485	rVB5	48359	96268	4.42%	0.408%
49	11.884	1491	1497	1501	rBV2	132253	226483	10.40%	0.961%
50	11.961	1506	1510	1517	rVB5	37667	70615	3.24%	0.300%
51	12.049	1521	1525	1533	rBV8	17272	34458	1.58%	0.146%
52	12.143	1537	1541	1545	rBV6	23419	35146	1.61%	0.149%
53	12.272	1559	1563	1569	rBV7	17762	39602	1.82%	0.168%
54	12.507	1594	1603	1612	rVB3	127274	306364	14.06%	1.300%
55	12.595	1614	1618	1622	rBV6	13831	27710	1.27%	0.118%
56	12.724	1635	1640	1649	rVB	105442	204443	9.38%	0.867%
57	12.807	1651	1654	1659	rVB5	14631	21345	0.98%	0.091%
58	12.907	1666	1671	1674	rBV3	35300	55487	2.55%	0.235%
59	12.965	1675	1681	1686	rVV4	41762	91749	4.21%	0.389%
60	13.171	1712	1716	1720	rBV	24578	37383	1.72%	0.159%
61	13.224	1720	1725	1731	rVB	137480	208348	9.56%	0.884%
62	13.506	1766	1773	1776	rBV8	46468	108091	4.96%	0.458%
63	13.606	1787	1790	1796	rVV6	25696	41988	1.93%	0.178%
64	13.676	1799	1802	1805	rBV4	15496	20656	0.95%	0.088%
65	13.717	1805	1809	1811	rVV	27913	39486	1.81%	0.167%
66	13.741	1811	1813	1820	rVB7	32924	53030	2.43%	0.225%
67	13.853	1826	1832	1838	rBV3	41168	100723	4.62%	0.427%
68	13.964	1846	1851	1852	rBV4	19907	29488	1.35%	0.125%
69	14.005	1853	1858	1863	rVV	94914	181518	8.33%	0.770%
70	14.082	1864	1871	1876	rVV	470965	787664	36.15%	3.341%
71	14.129	1876	1879	1883	rVV	169828	278394	12.78%	1.181%

LSC Area Percent Report

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Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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	14.170	1883	1886	1890	rVB	154044	195986	9.00%	0.831%
73	14.211	1890	1893	1895	rBV3	17459	22508	1.03%	0.095%
74	14.234	1895	1897	1901	rVB2	22654	27153	1.25%	0.115%
75	14.381	1916	1922	1939	rVB	537502	907452	41.65%	3.849%
76	14.522	1942	1946	1951	rVB2	49078	81447	3.74%	0.345%
77	14.593	1953	1958	1964	rBV6	25193	56585	2.60%	0.240%
78	14.687	1964	1974	1981	rBV	571114	980796	45.02%	4.160%
79	14.751	1981	1985	1987	rBV3	17079	26377	1.21%	0.112%
80	14.887	2003	2008	2019	rBV3	81721	206441	9.48%	0.876%
81	15.086	2038	2042	2048	rVB4	66815	107350	4.93%	0.455%
82	15.210	2059	2063	2071	rVB5	54533	88475	4.06%	0.375%
83	15.310	2076	2080	2083	rVV2	32308	52086	2.39%	0.221%
84	15.351	2085	2087	2091	rVB3	24042	28927	1.33%	0.123%
85	15.480	2106	2109	2113	rVB5	32783	39530	1.81%	0.168%
86	15.680	2137	2143	2148	rVB	704553	1034301	47.47%	4.387%
87	15.733	2148	2152	2156	rBV2	32376	45256	2.08%	0.192%
88	15.797	2160	2163	2167	rVB2	51482	70538	3.24%	0.299%
89	15.944	2184	2188	2195	rVB	113233	177492	8.15%	0.753%
90	16.156	2221	2224	2228	rBV5	23927	39303	1.80%	0.167%
91	16.426	2263	2270	2275	rBV	179607	316336	14.52%	1.342%
92	17.249	2406	2410	2419	rVB2	175203	287272	13.19%	1.219%
93	17.442	2437	2443	2447	rBV2	629996	1015423	46.61%	4.307%
94	17.478	2447	2449	2454	rVV	113188	167639	7.69%	0.711%
95	17.536	2454	2459	2469	rVB	722475	1151347	52.84%	4.884%
96	19.552	2799	2802	2806	rVB	180895	207204	9.51%	0.879%
97	19.828	2845	2849	2857	rVB2	895587	1220111	56.00%	5.175%
98	21.726	3167	3172	3184	rVB2	688562	1290254	59.22%	5.473%
99	24.781	3686	3692	3701	rVB	509362	1307226	60.00%	5.545%
100	25.004	3724	3730	3753	rVB	464230	1629204	74.78%	6.911%

Sum of corrected areas: 23575128

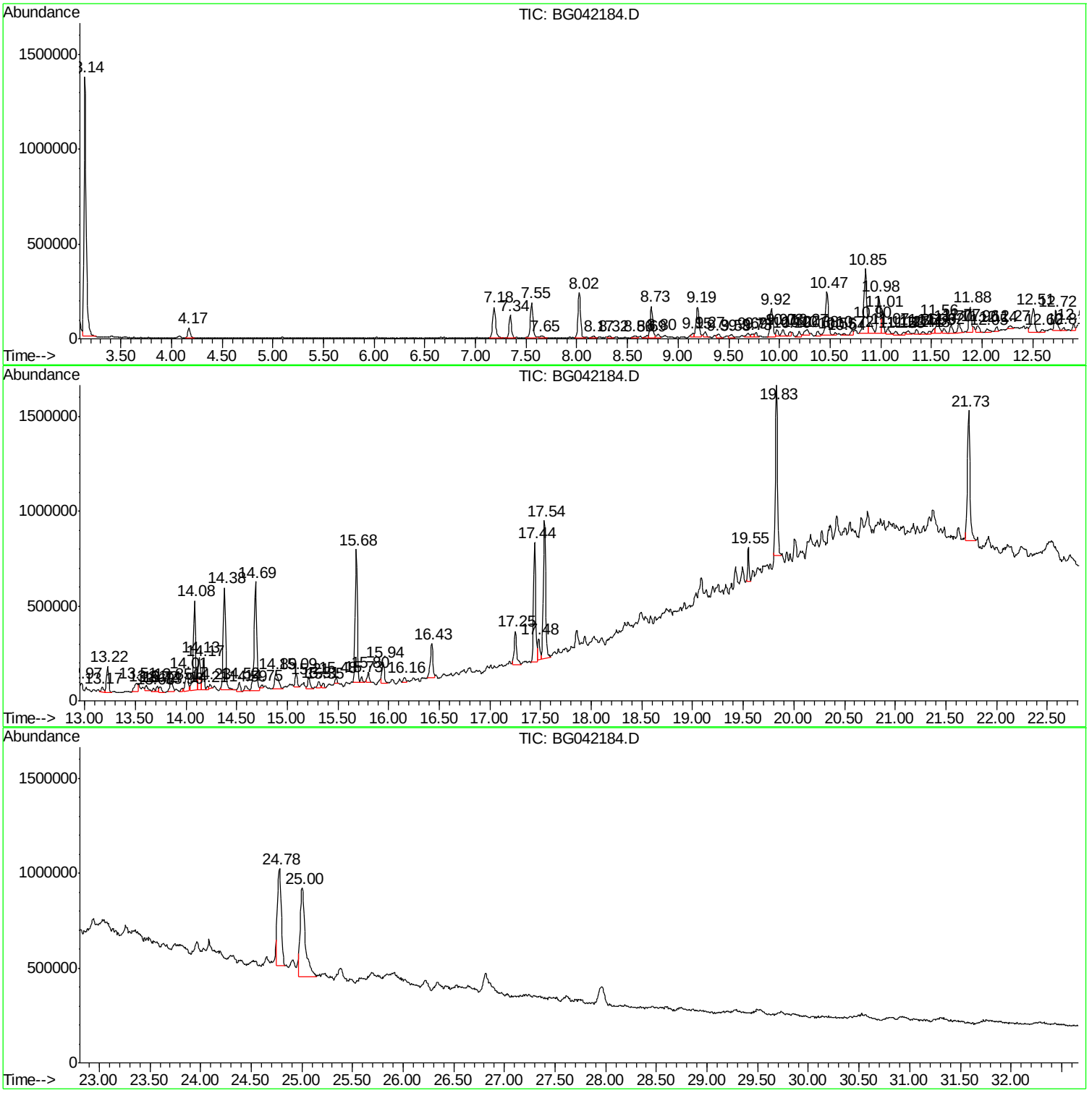
LSC Report - Integrated Chromatogram

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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

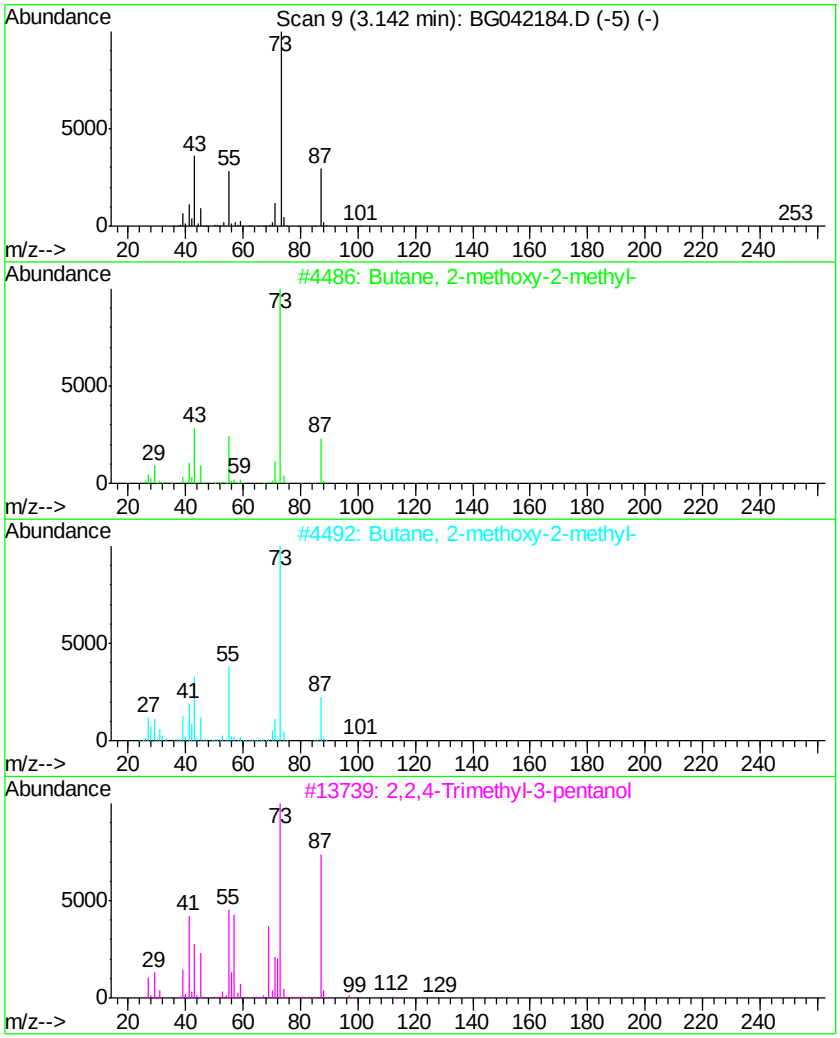
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

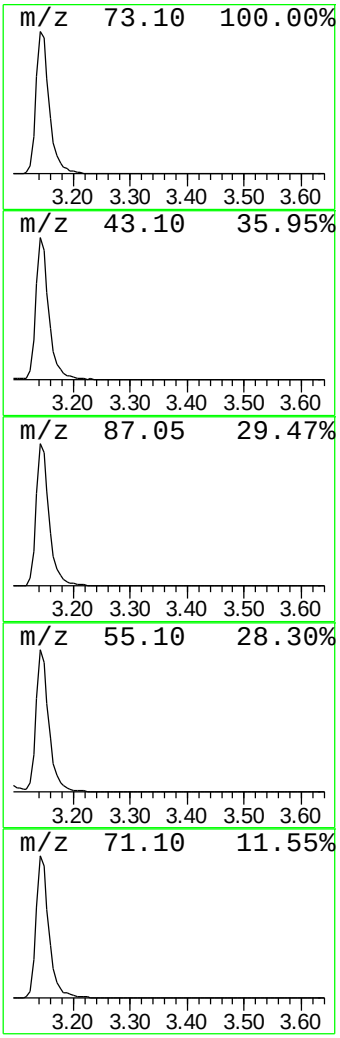
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.14	101.77 ng/ul	2178760	1,4-Dichlorobenzene-d4	8.02

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	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
5	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

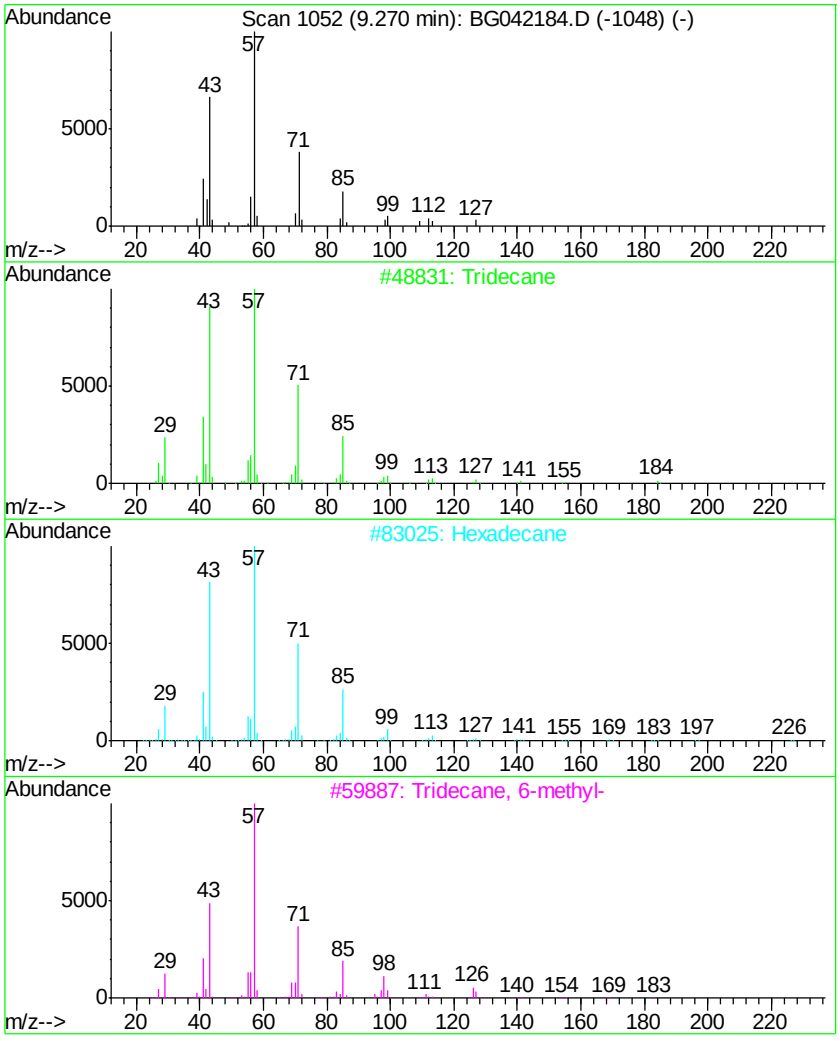
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

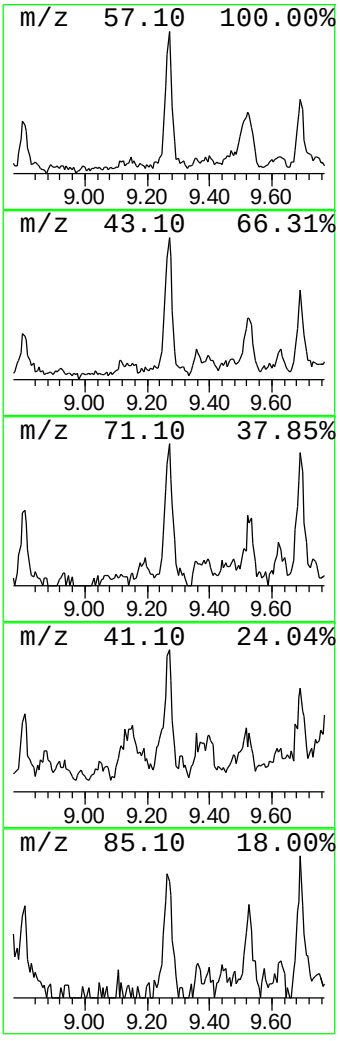
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.27	2.23 ng/ul	47799	1,4-Dichlorobenzene-d4	8.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	83
2	Hexadecane	226	C16H34	000544-76-3	72
3	Tridecane, 6-methyl-	198	C14H30	013287-21-3	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Pentadecane	212	C15H32	000629-62-9	59





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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

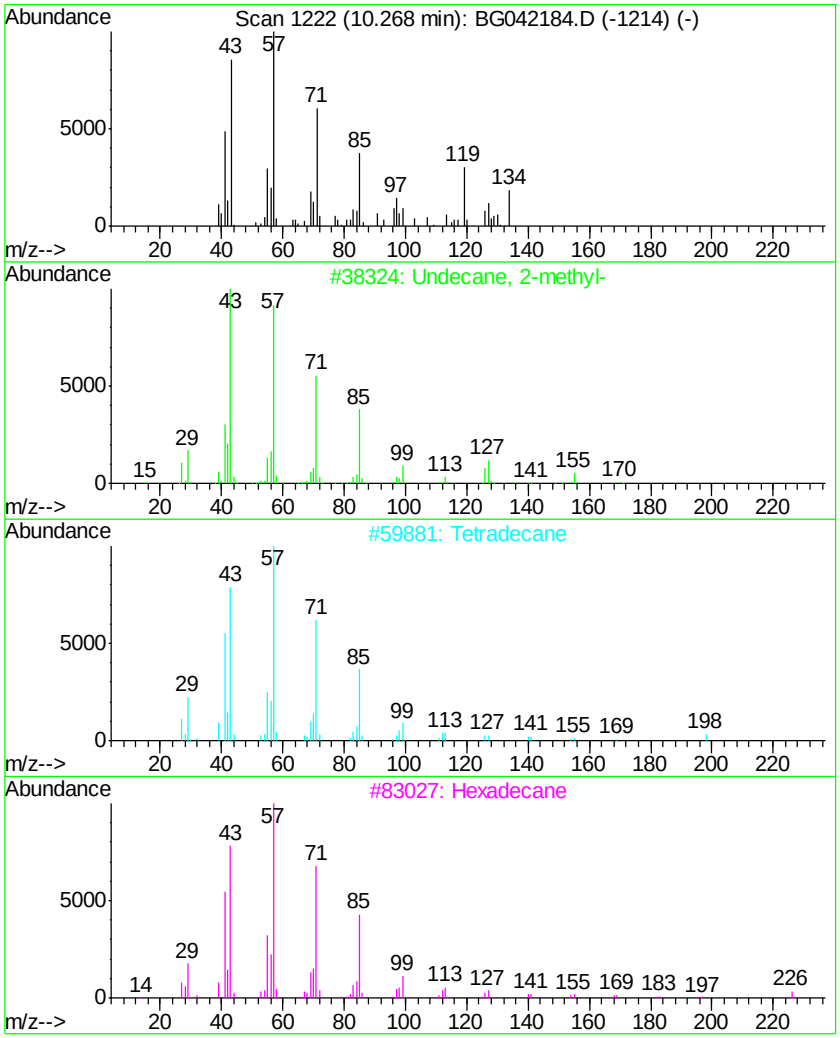
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

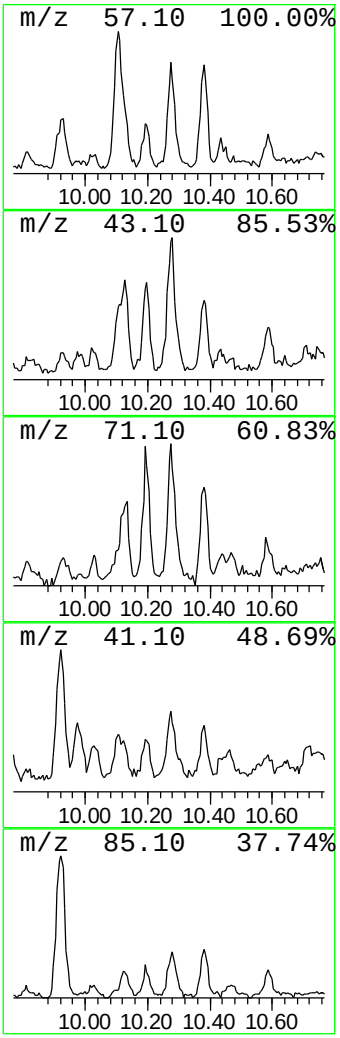
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.27	2.70 ng/ul	93867	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 2-methyl-	170	C12H26	007045-71-8	72
2	Tetradecane	198	C14H30	000629-59-4	52
3	Hexadecane	226	C16H34	000544-76-3	50
4	Nonane, 5-butyl-	184	C13H28	017312-63-9	50
5	Octane, 2-methyl-	128	C9H20	003221-61-2	49





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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

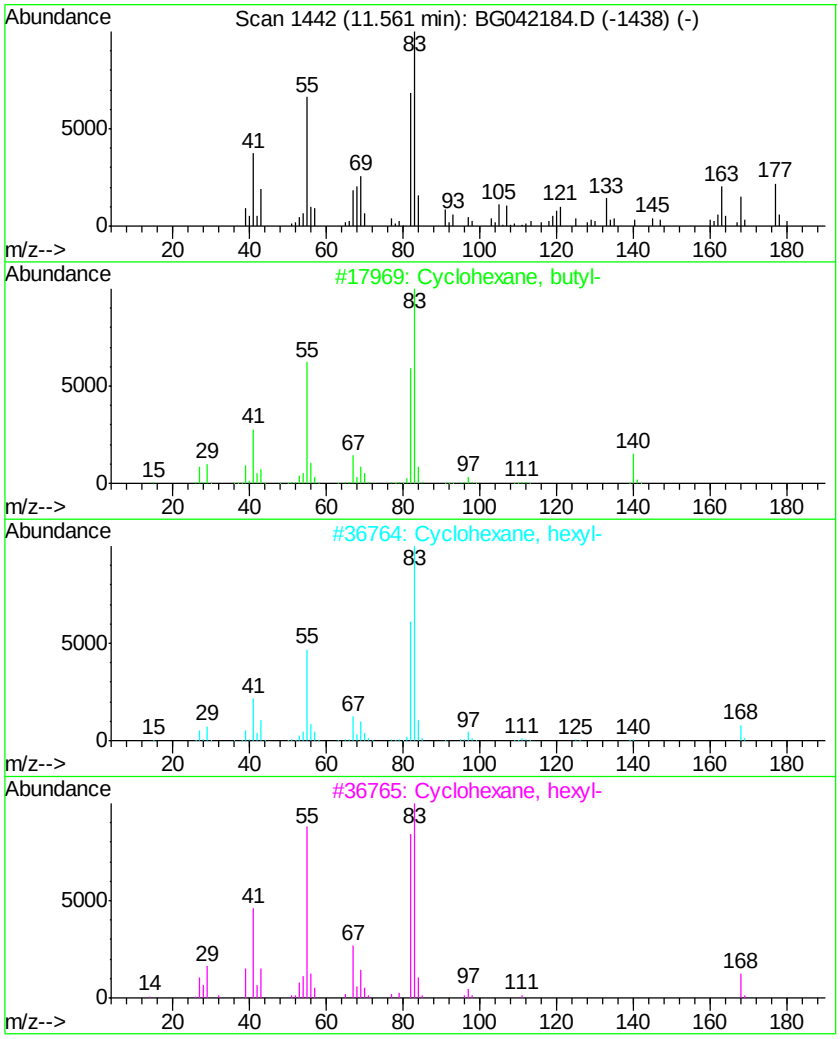
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

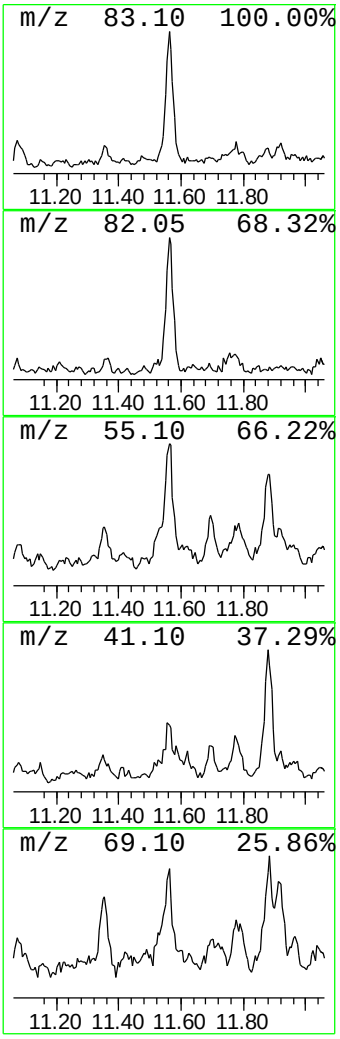
****

Peak Number 5 (DEL) Alkane: Cyclic11.56 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.56	4.31 ng/ul	149559	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane, butyl-	140	C10H20	001678-93-9	55
2	Cyclohexane, hexyl-	168	C12H24	004292-75-5	53
3	Cyclohexane, hexyl-	168	C12H24	004292-75-5	47
4	Cyclohexane, butyl-	140	C10H20	001678-93-9	46
5	Cyclohexane, (1-methylethyl)-	126	C9H18	000696-29-7	43





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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

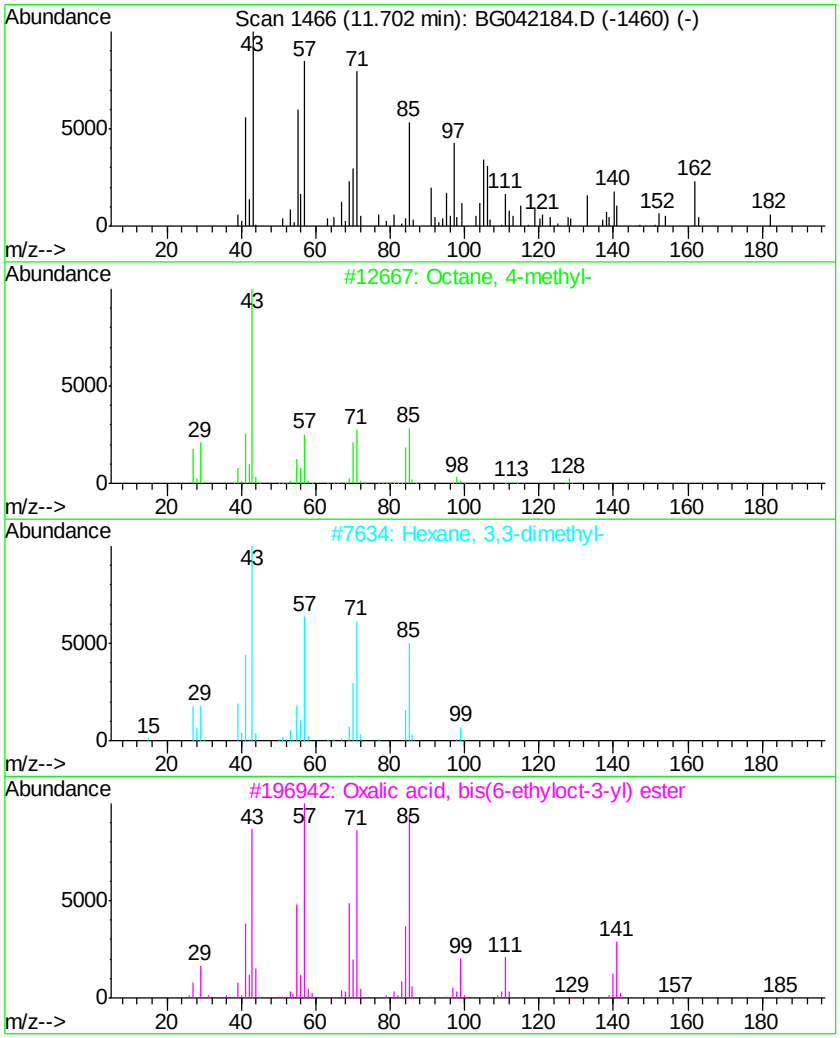
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

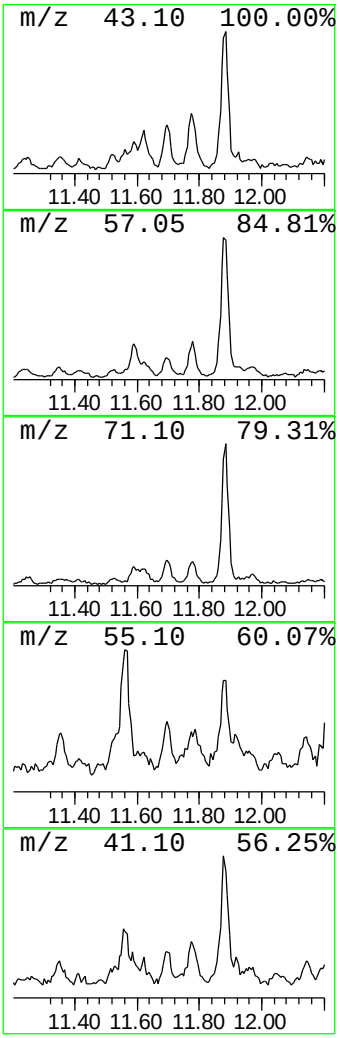
****

Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.70	2.21 ng/ul	76804	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 4-methyl-	128	C9H20	002216-34-4	50
2	Hexane, 3,3-dimethyl-	114	C8H18	000563-16-6	50
3	Oxalic acid, bis(6-ethyloct-3-yl...	370	C22H42O4	1000309-34-6	50
4	Undecane, 4-methyl-	170	C12H26	002980-69-0	47
5	Hexacosane	366	C26H54	000630-01-3	47





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Operator : HP/JU
Sample : K4215-10
Misc :
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Instrument : BNA_G
ClientSampleId : ETOC1

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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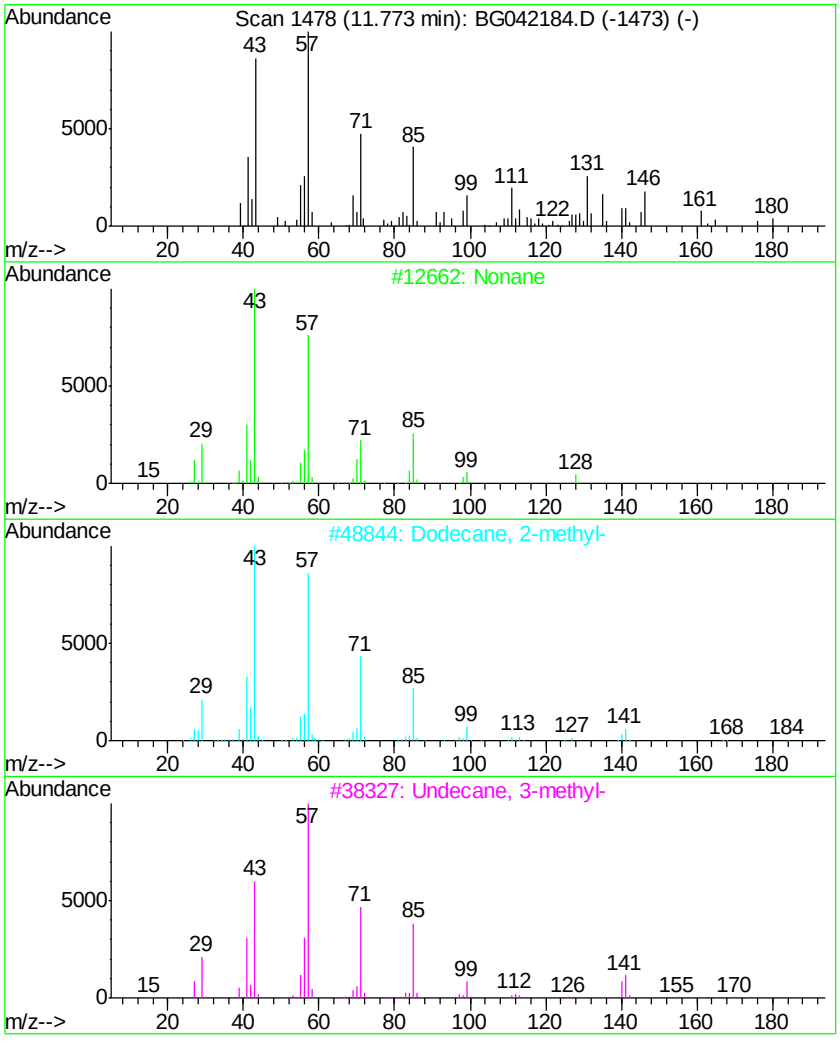
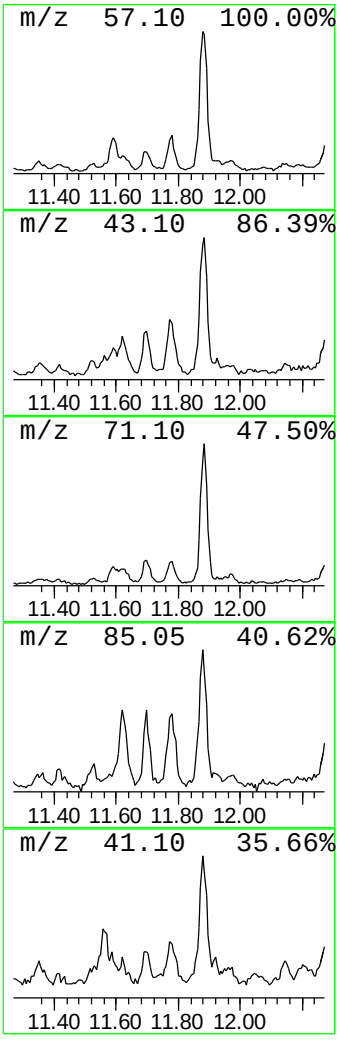
Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.77 ng/ul	96268	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonane	128	C9H20	000111-84-2	55
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	53
3	Undecane, 3-methyl-	170	C12H26	001002-43-3	50
4	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	47
5	Octadecane	254	C18H38	000593-45-3	47





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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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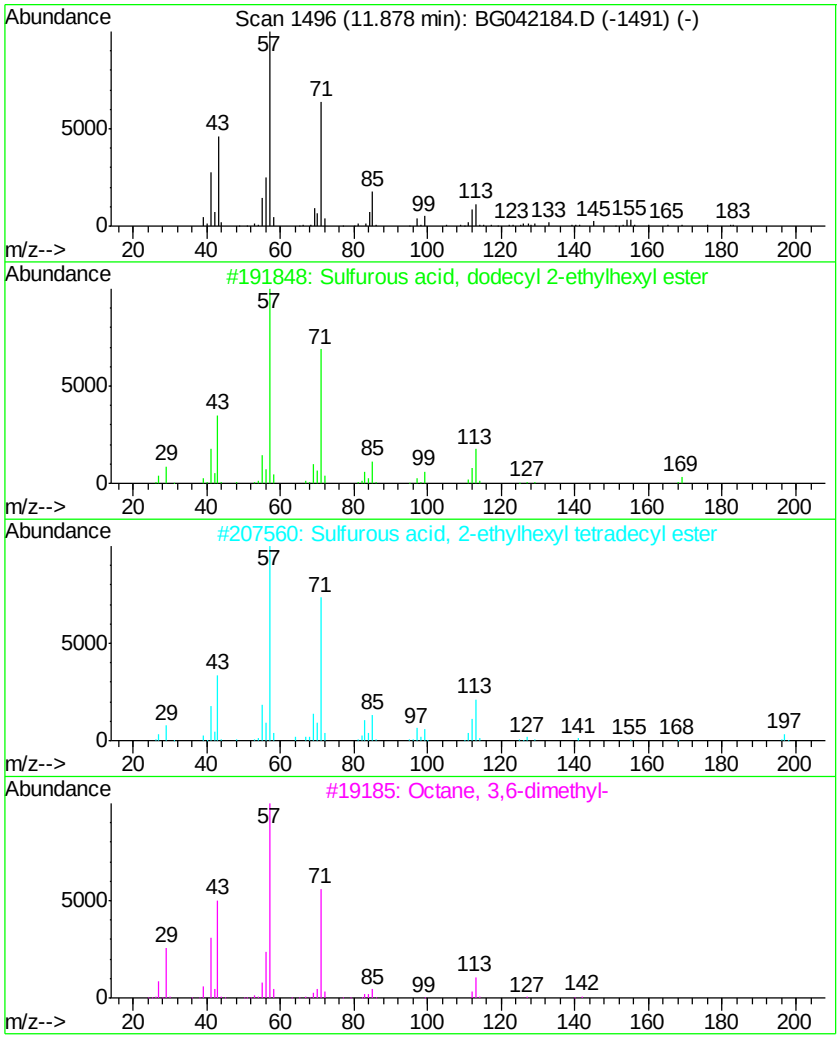
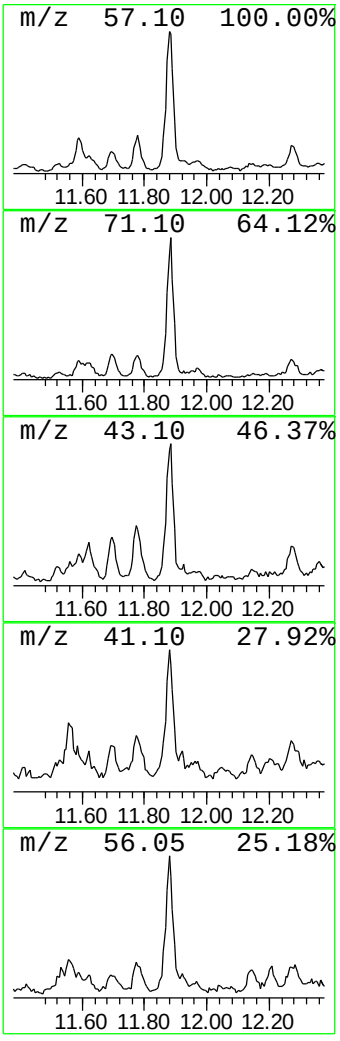
Peak Number 8 Sulfurous acid, dodecyl 2-e... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.88	6.52 ng/ul	226483	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, dodecyl 2-ethylh...	362	C20H42O3S	1000309-19-5	83
2	Sulfurous acid, 2-ethylhexyl tet...	390	C22H46O3S	1000309-19-7	72
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Tridecane, 2-methyl-	198	C14H30	001560-96-9	64
5	Octane, 1,1'-oxybis-	242	C16H34O	000629-82-3	59





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Instrument : BNA_G
ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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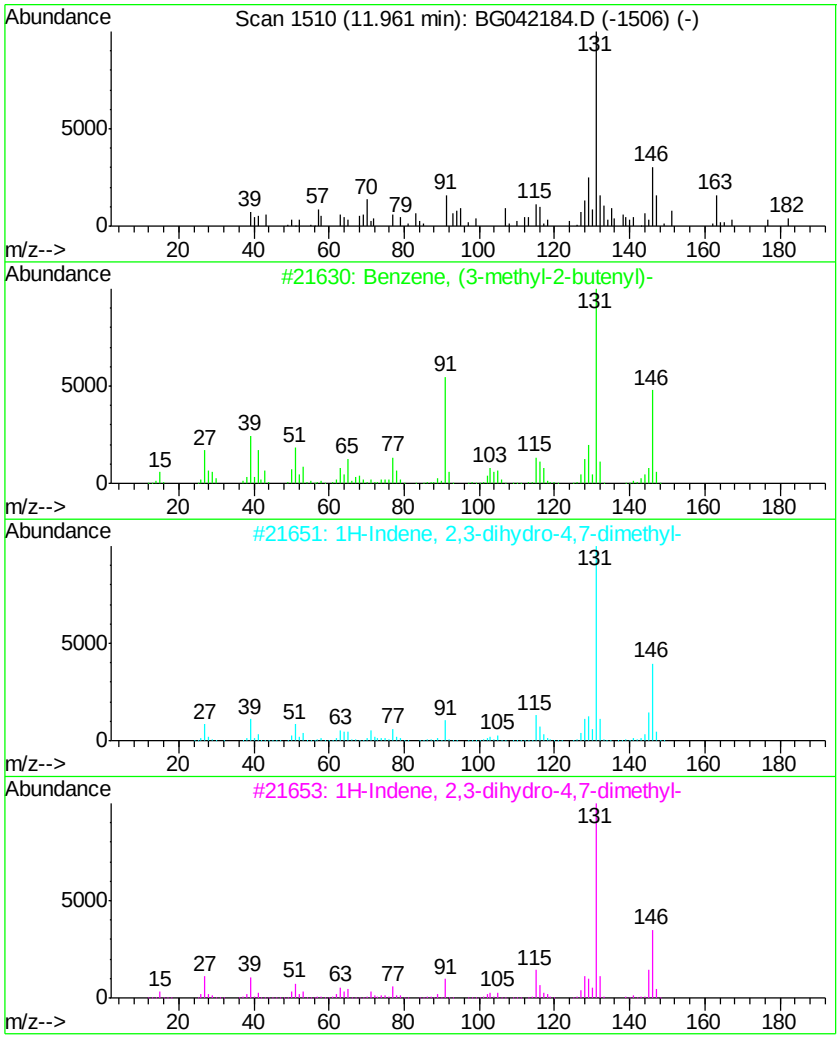
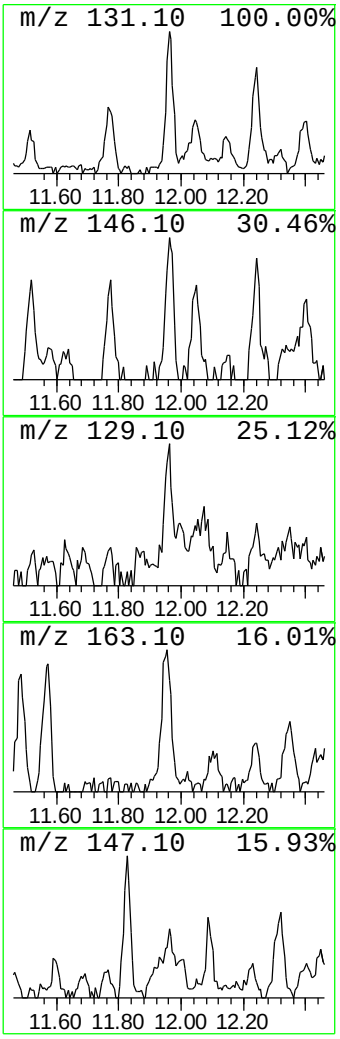
Peak Number 9 Benzene, (3-methyl-2-butenyl)- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.96	2.03 ng/ul	70615	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	81
2	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	76
3	1H-Indene, 2,3-dihydro-4,7-dimet...	146	C11H14	006682-71-9	70
4	1H-Indene, 2,3-dihydro-1,2-dimet...	146	C11H14	017057-82-8	64
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	59





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ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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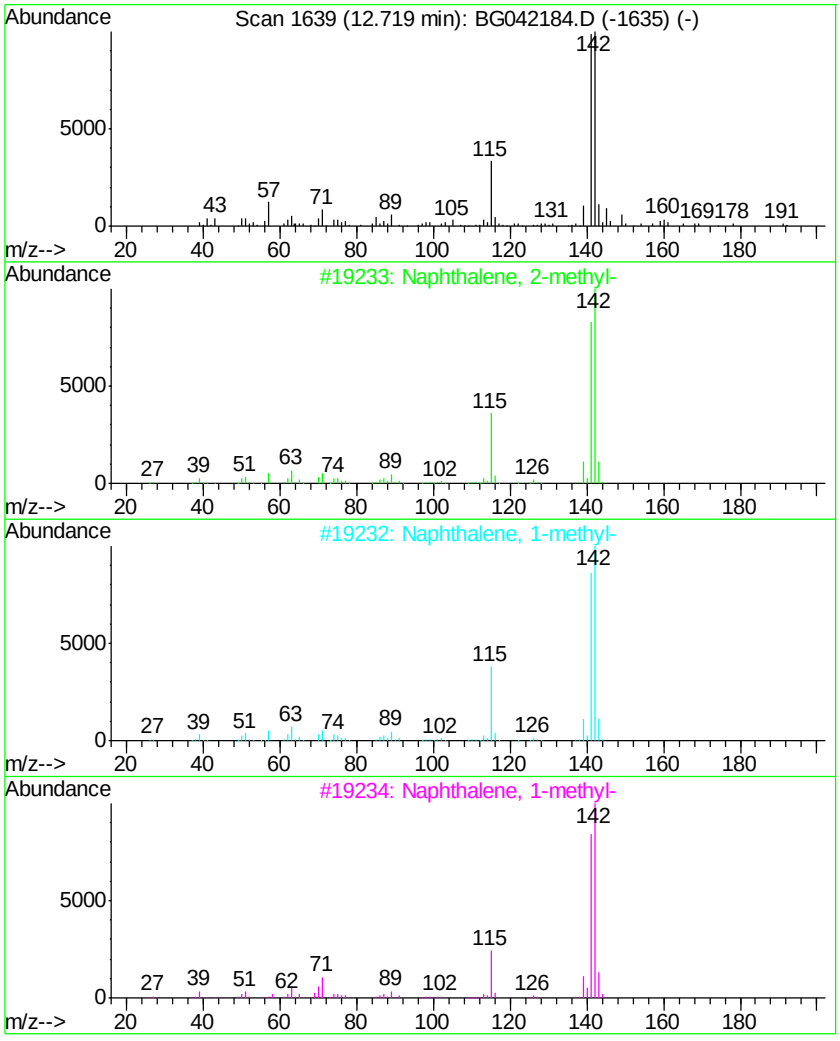
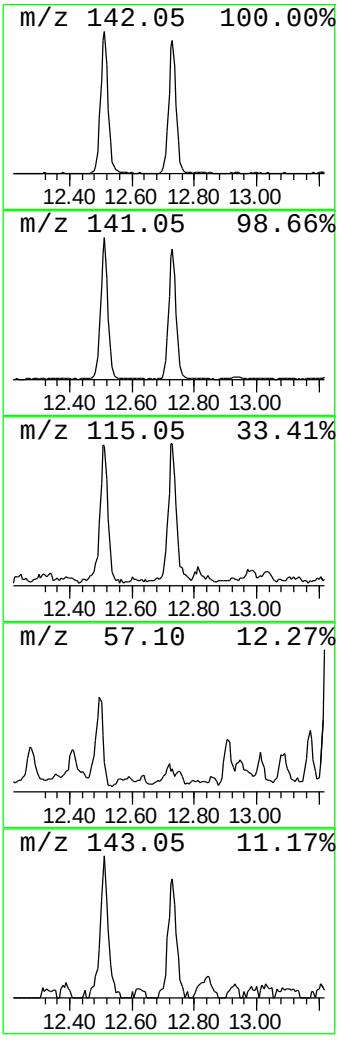
Peak Number 10 Naphthalene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.72	5.89 ng/ul	204443	Naphthalene-d8	10.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	97
2	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	97
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	95
4	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	93
5	Benzocycloheptatriene	142	C11H10	000264-09-5	91





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Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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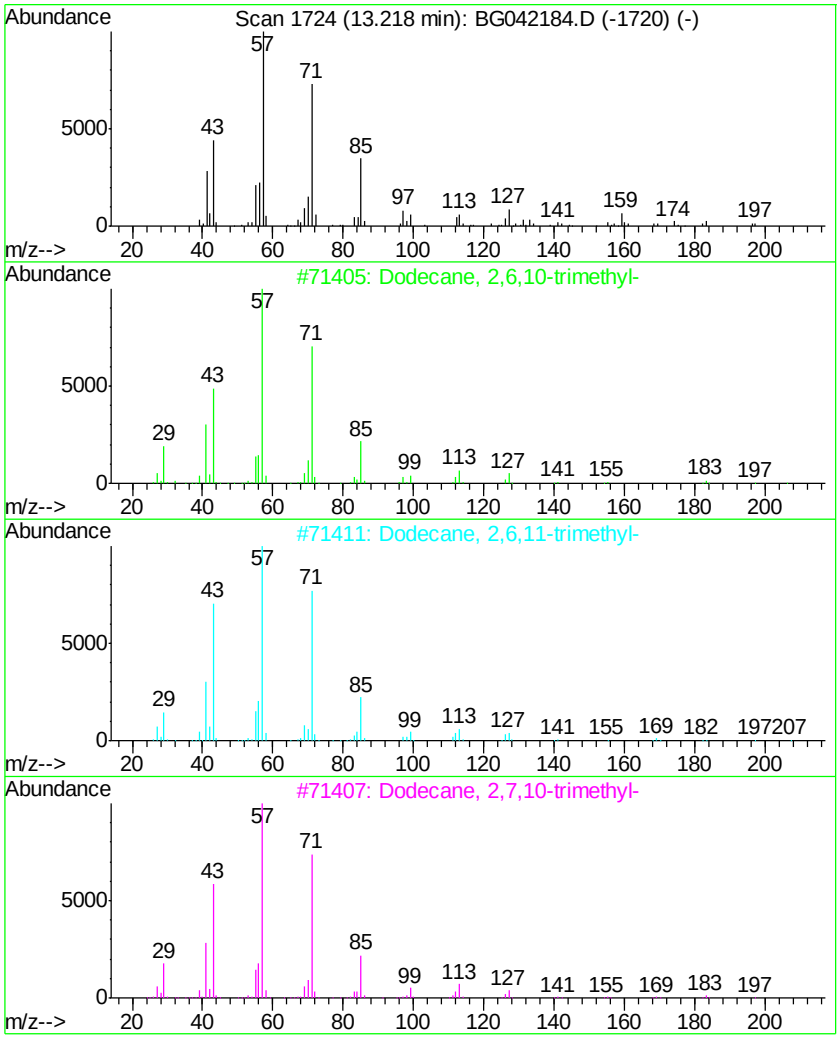
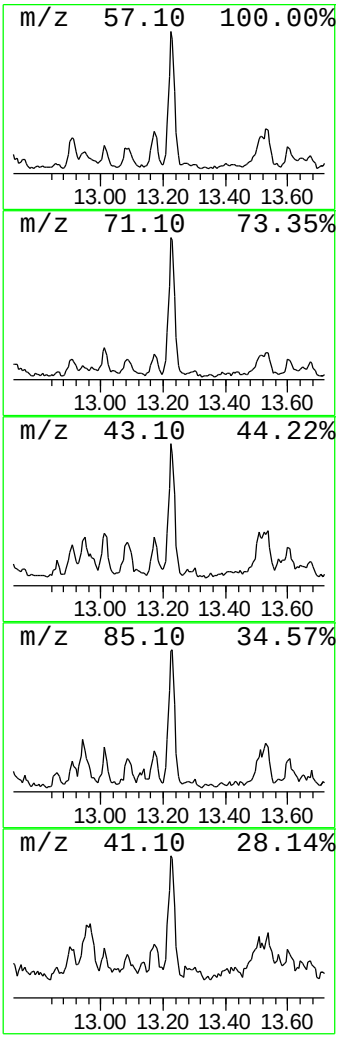
Peak Number 11 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.22	4.25 ng/ul	208348	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	86
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	86
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	80
5	Bacchotricuneatin c	342	C20H22O5	066563-30-2	64





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Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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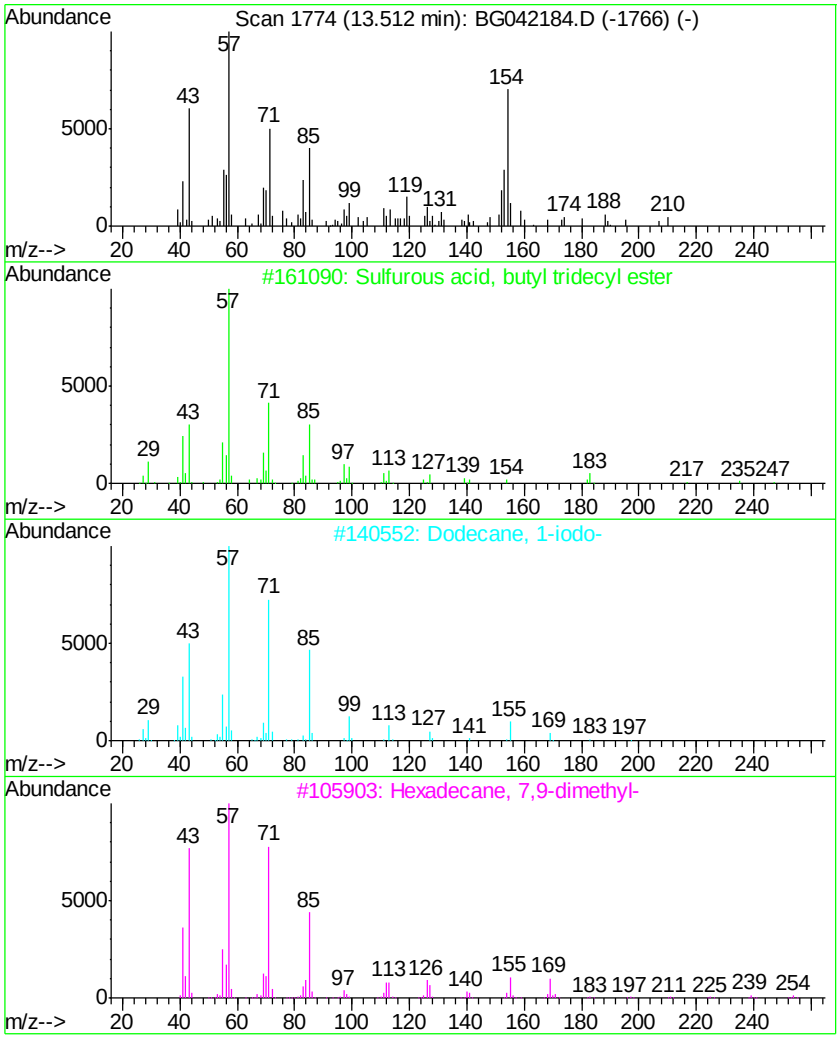
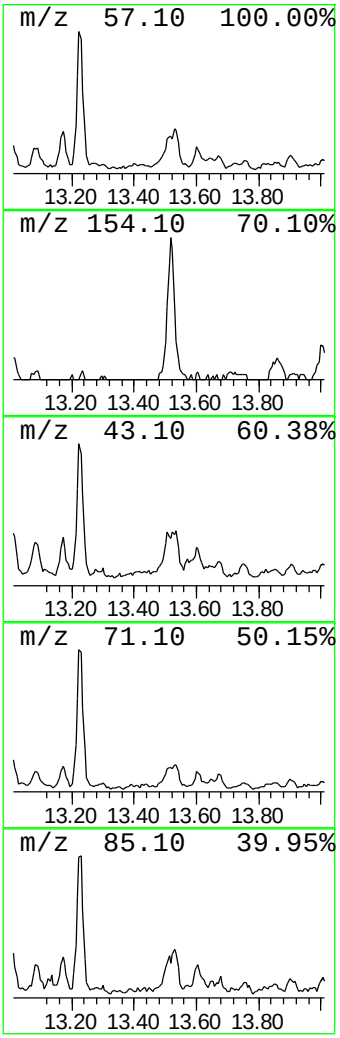
Peak Number 12 unknown-01 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.51	2.20 ng/ul	108091	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl tridecyl e...	320	C17H36O3S	1000309-18-0	22
2	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	22
3	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	22
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	22
5	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	22





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Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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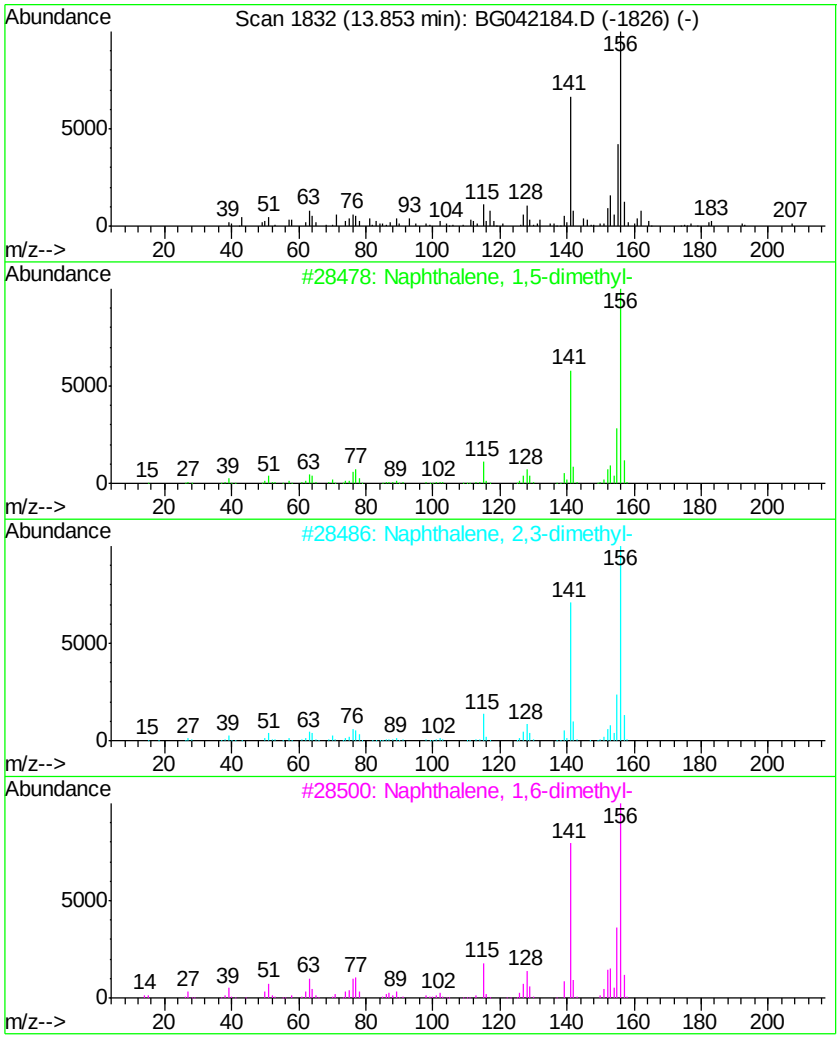
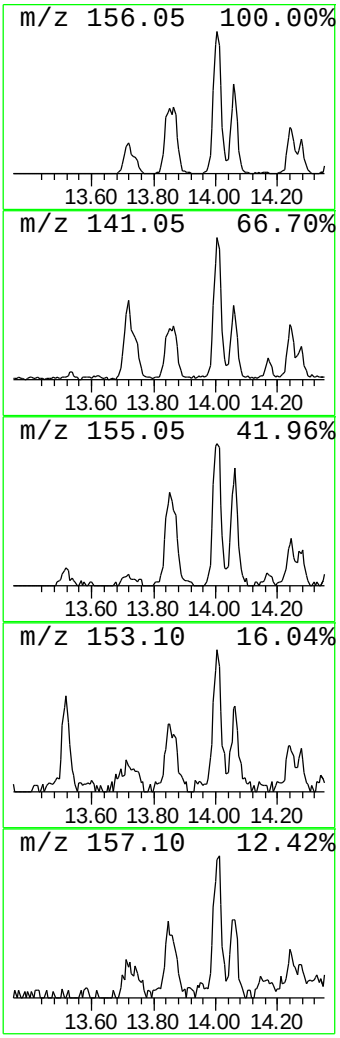
Peak Number 13 Naphthalene, 1,5-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	2.05 ng/ul	100723	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	96
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
4	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	94
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	93





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Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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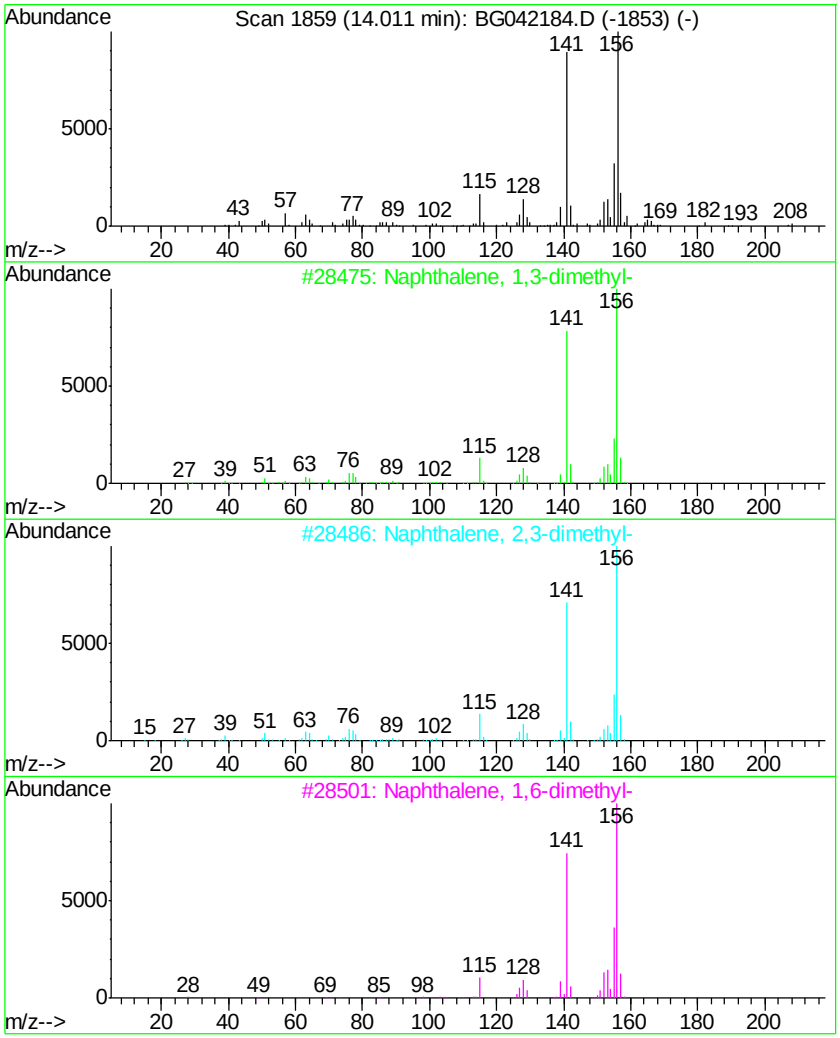
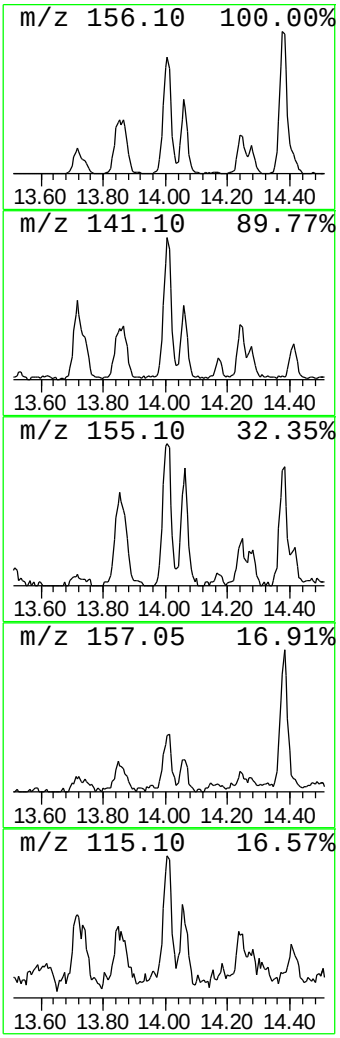
Peak Number 14 Naphthalene, 1,3-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.01	3.70 ng/ul	181518	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





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Instrument : BNA_G
ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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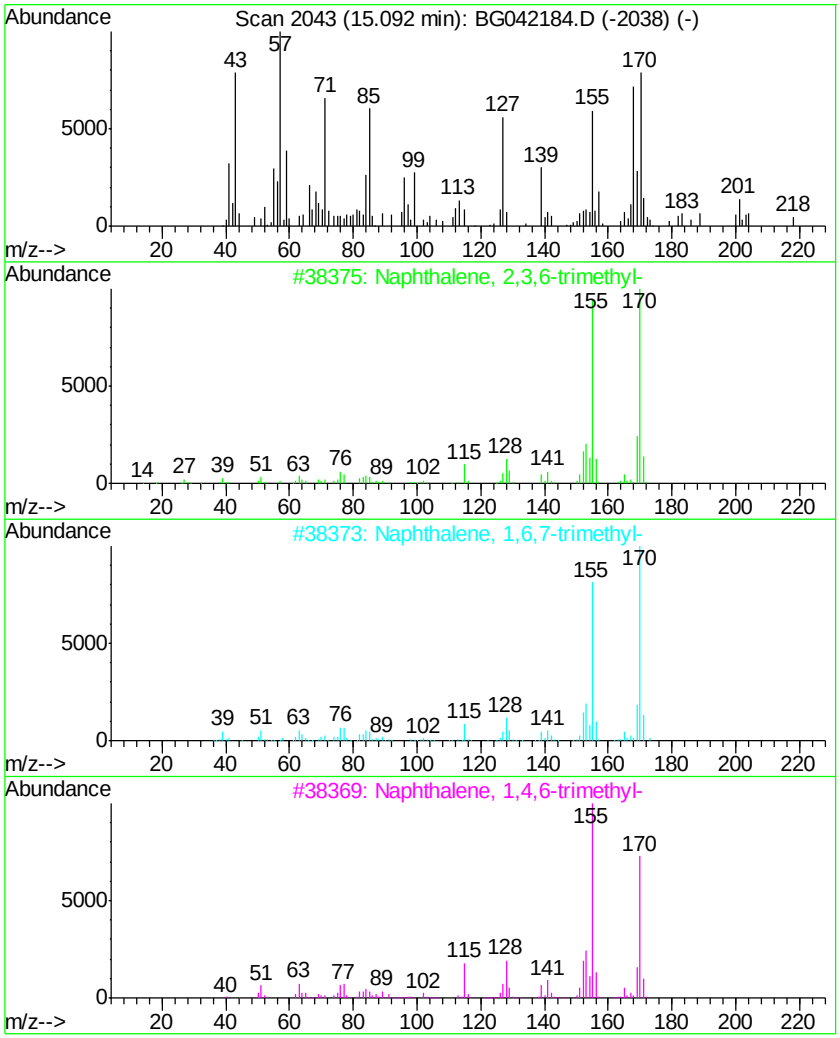
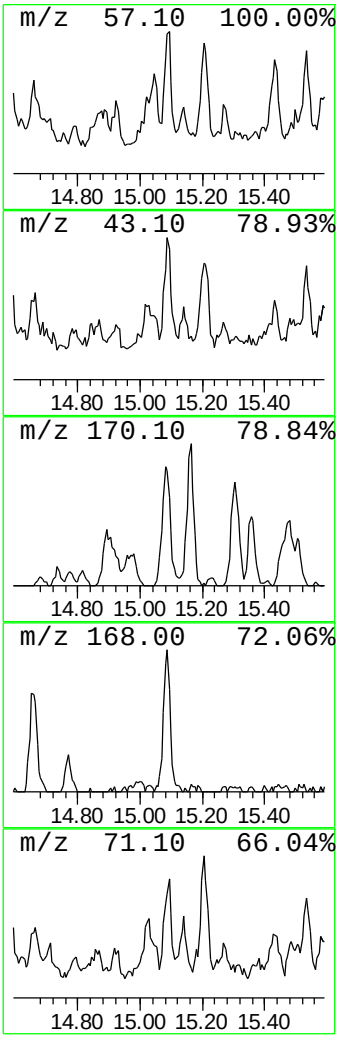
Peak Number 15 Naphthalene, 2,3,6-trimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.09	2.19 ng/ul	107350	Acenaphthene-d10	14.69

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	70
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	55
3	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	55
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	55
5	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	50





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ClientSampleId : ETOC1

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Quant Title : SVOA CALIBRATION

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

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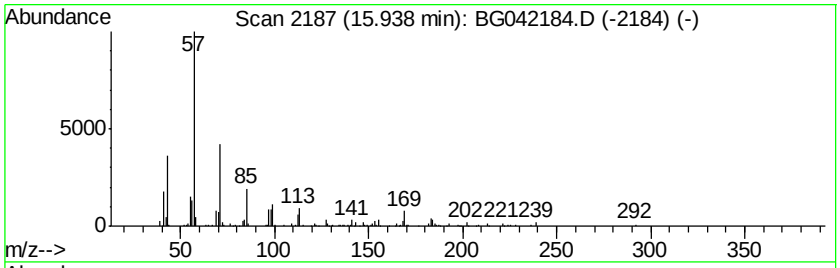
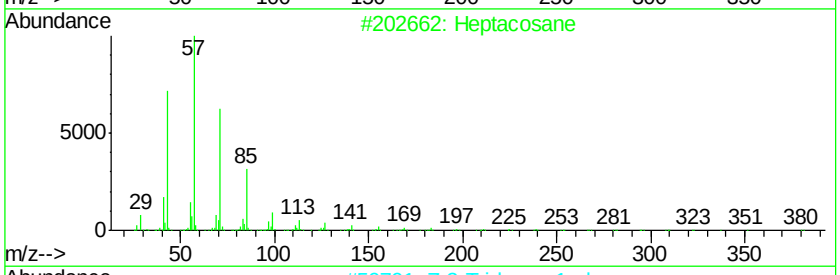
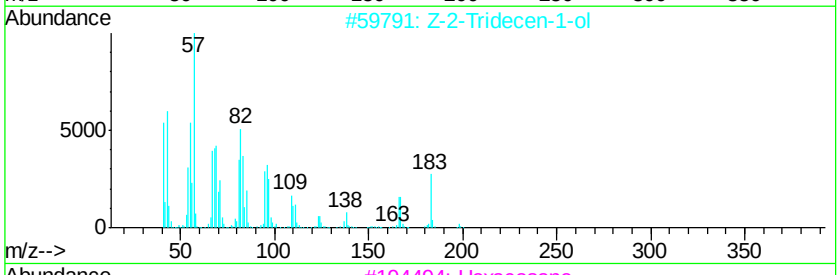
Peak Number 16 (DEL) Alkane: Straight-Chai... Concentration Rank 11

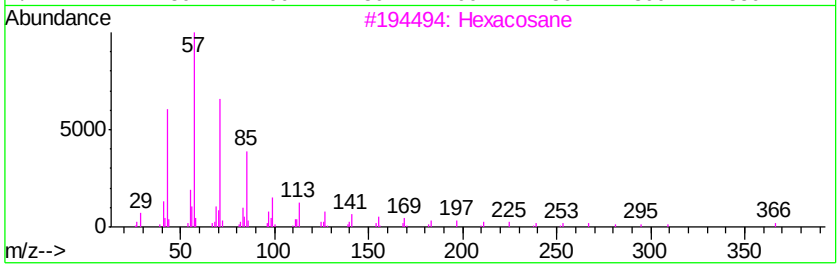
R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	3.62 ng/ul	177492	Acenaphthene-d10	14.69

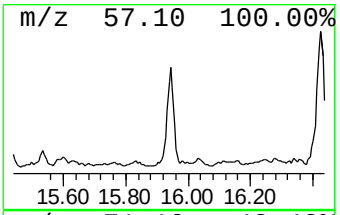
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptacosane	380	C27H56	000593-49-7	72
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64
3	Hexacosane	366	C26H54	000630-01-3	64
4	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	64
5	Tetracosane	338	C24H50	000646-31-1	58

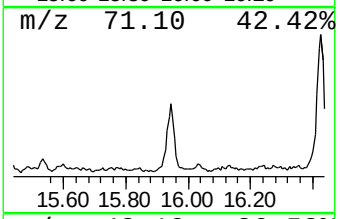


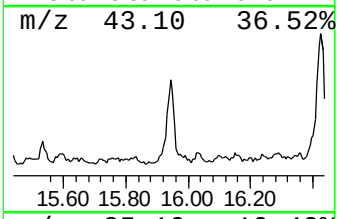


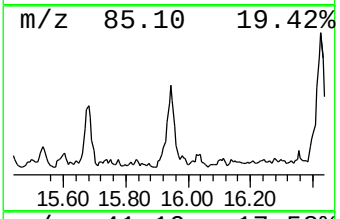


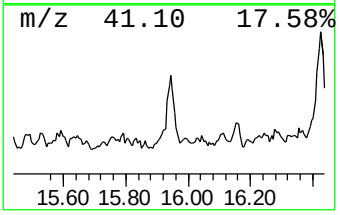












Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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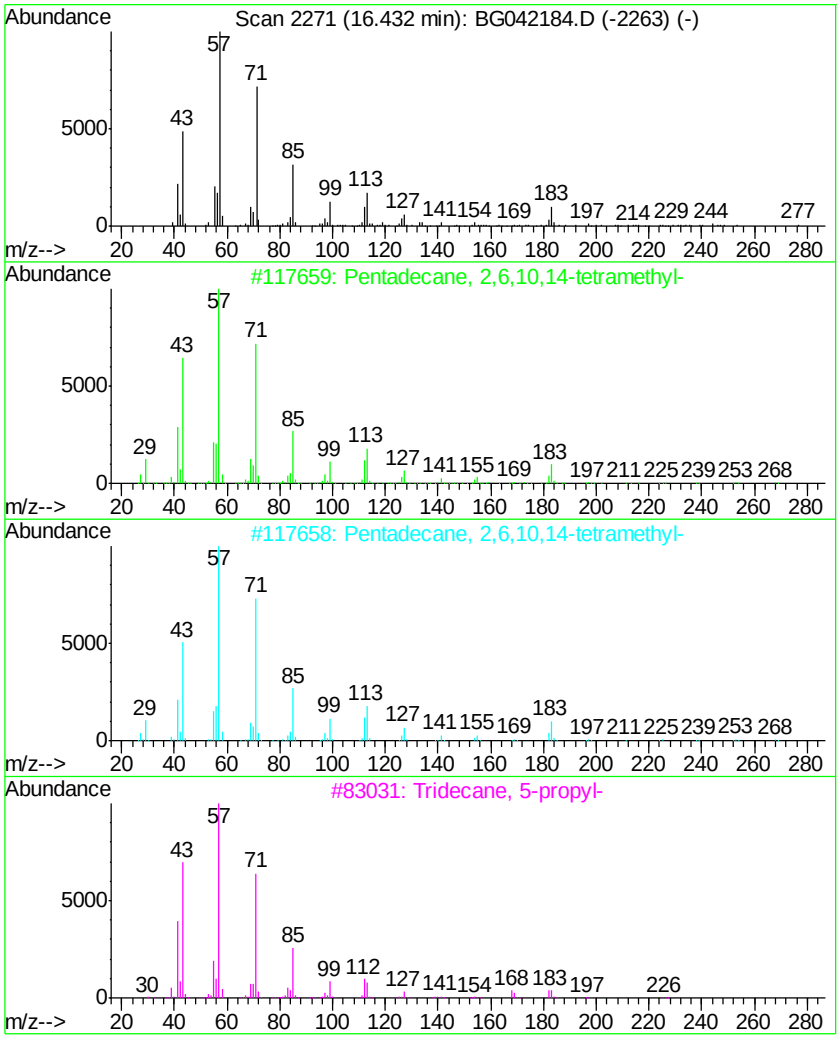
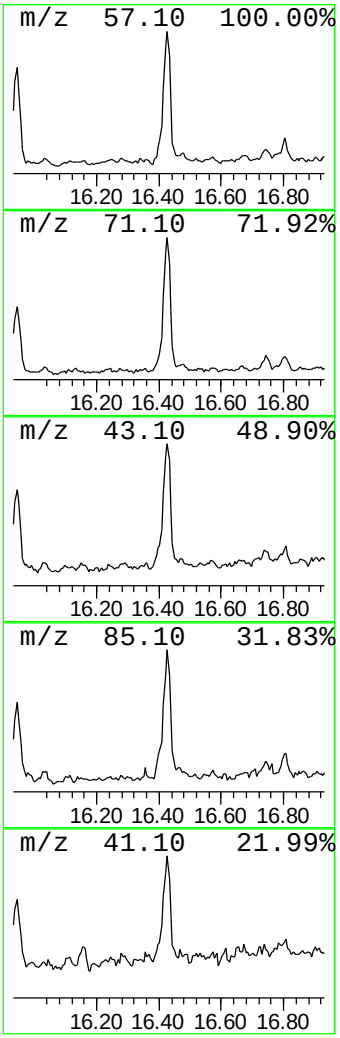
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	6.23 ng/ul	316336	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
2	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	91
3	Tridecane, 5-propyl-	226	C16H34	055045-11-9	80
4	Tetradecane, 3-methyl-	212	C15H32	018435-22-8	76
5	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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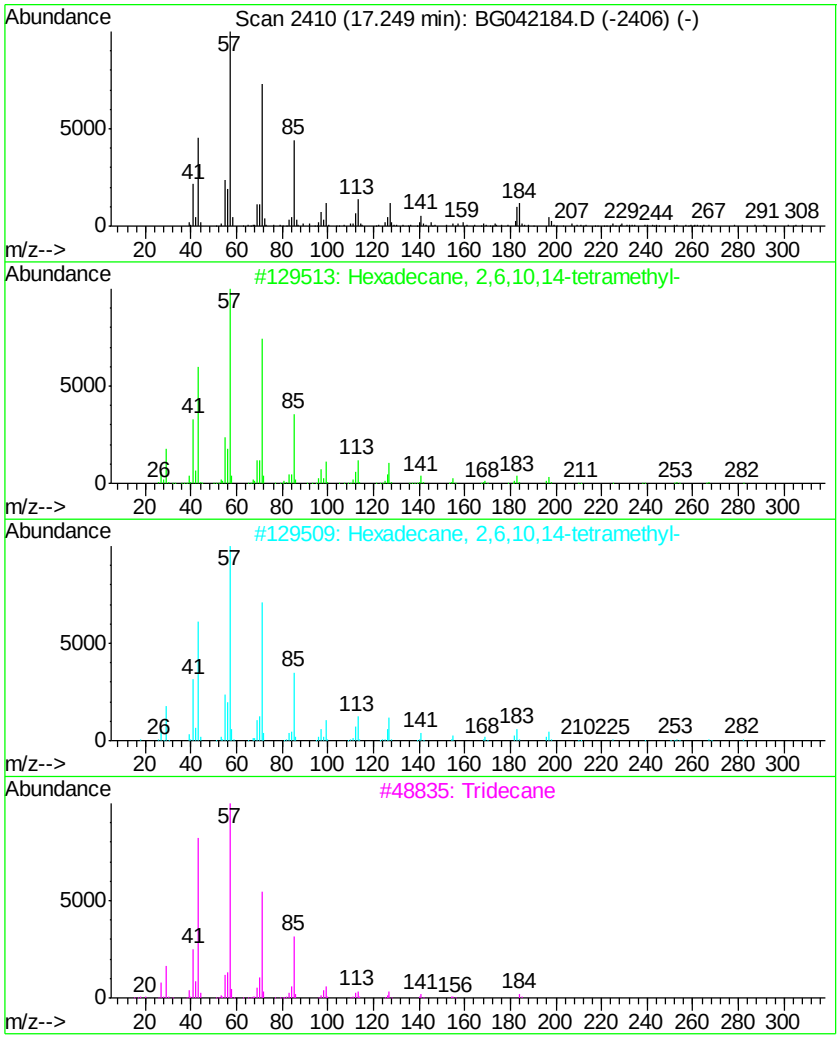
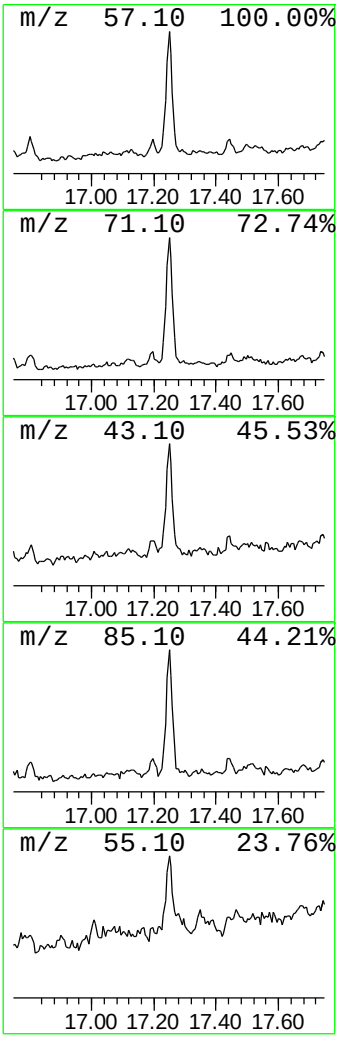
Peak Number 18 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	5.66 ng/ul	287272	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
2	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	90
3	Tridecane	184	C13H28	000629-50-5	87
4	Tridecane	184	C13H28	000629-50-5	83
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	83





Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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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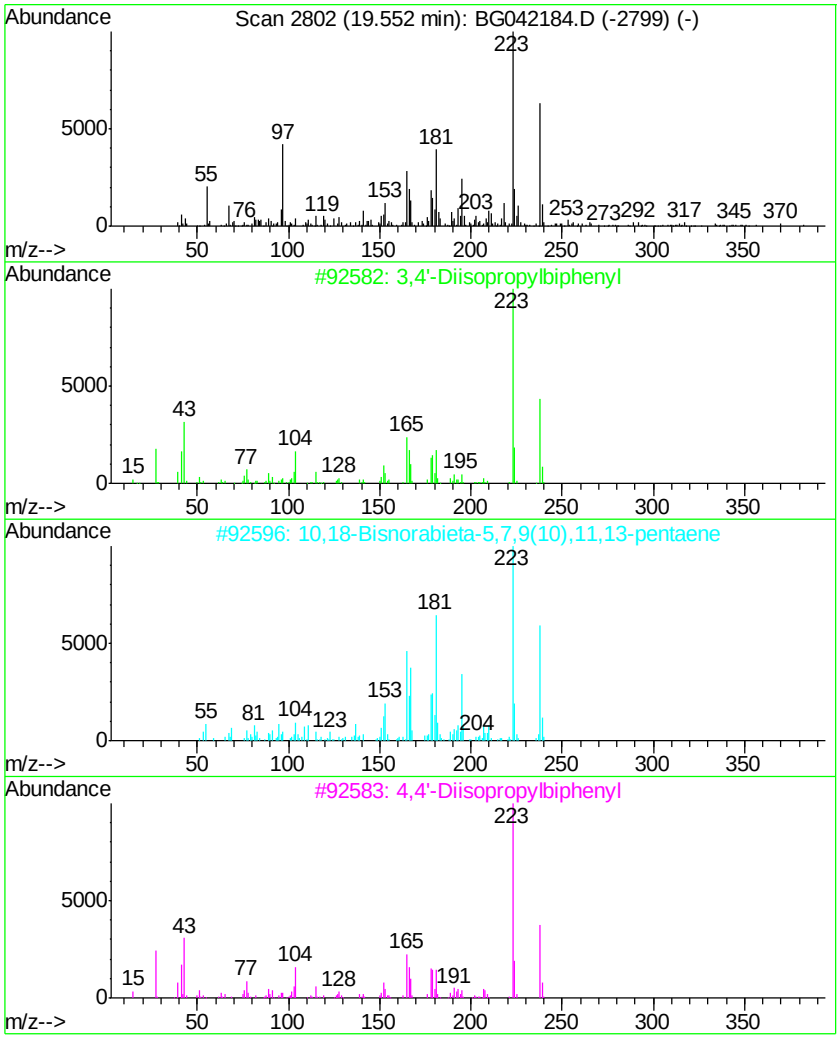
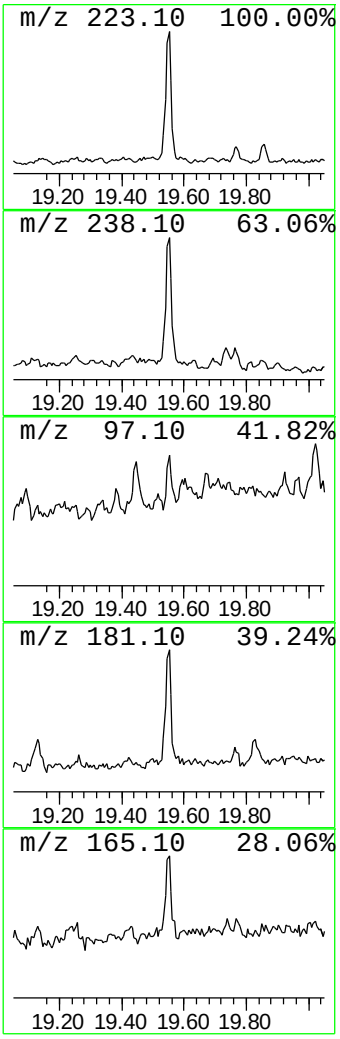
Peak Number 19 3,4'-Diisopropylbiphenyl Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.55	4.08 ng/ul	207204	Phenanthrene-d10	17.44

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	83
2	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	60
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	49
4	3H-1,3,4-Benzotriazepine, 7-chlo...	223	C10H10ClN3O	105999-06-2	46
5	Anthracene, 9,10-dimethoxy-	238	C16H14O2	002395-97-3	43





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG081219\
Data File : BG042184.D
Acq On : 13 Aug 2019 17:11
Operator : HP/JU
Sample : K4215-10
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETOC1

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...	3.14	101.8	ng/ul	2178760	1	8.02	428184	20.0
(DEL) Alkane: Str...	9.27	2.2	ng/ul	47799	1	8.02	428184	20.0
(DEL) Alkane: Str...	10.27	2.7	ng/ul	93867	2	10.85	694685	20.0
(DEL) Alkane: Cyc...	11.56	4.3	ng/ul	149559	2	10.85	694685	20.0
(DEL) Alkane: Str...	11.70	2.2	ng/ul	76804	2	10.85	694685	20.0
(DEL) Alkane: Str...	11.77	2.8	ng/ul	96268	2	10.85	694685	20.0
Sulfurous acid, d...	11.88	6.5	ng/ul	226483	2	10.85	694685	20.0
Benzene, (3-methy...	11.96	2.0	ng/ul	70615	2	10.85	694685	20.0
Naphthalene, 1-me...	12.72	5.9	ng/ul	204443	2	10.85	694685	20.0
(DEL) Alkane: Str...	13.22	4.3	ng/ul	208348	3	14.69	980796	20.0
unknown-01	13.51	2.2	ng/ul	108091	3	14.69	980796	20.0
Naphthalene, 1,5-...	13.85	2.0	ng/ul	100723	3	14.69	980796	20.0
Naphthalene, 1,3-...	14.01	3.7	ng/ul	181518	3	14.69	980796	20.0
Naphthalene, 2,3,...	15.09	2.2	ng/ul	107350	3	14.69	980796	20.0
(DEL) Alkane: Str...	15.94	3.6	ng/ul	177492	3	14.69	980796	20.0
(DEL) Alkane: Str...	16.43	6.2	ng/ul	316336	4	17.44	1015420	20.0
(DEL) Alkane: Str...	17.25	5.7	ng/ul	287272	4	17.44	1015420	20.0
3,4'-Diisopropylb...	19.55	4.1	ng/ul	207204	4	17.44	1015420	20.0