LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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	3.422	53	57	72	rBV3	28014	66195	0.67%	0.095%
2	4.186	178	187	193	rBV	46127	76161	0.77%	0.109%
3	5.402	386	394	401	rBV	90579	140820	1.43%	0.202%
4	5.520	406	414	421	rVB	35458	62550	0.64%	0.090%
5	5.643	430	435	449	rVB	41420	98233	1.00%	0.141%
6	5.849	466	470	479	rVB4	14959	30231	0.31%	0.043%
7	5.996	484	495	510	rBV2	118577	272942	2.77%	0.391%
8	6.989	658	664	670	rBV4	15181	30525	0.31%	0.044%
9	7.059	670	676	678	rVV5	15169	30343	0.31%	0.043%
10	7.094	678	682	687	rVV2	36432	66696	0.68%	0.096%
11	7.188	687	698	713	rVV	486223	1088178	11.05%	1.560%
12	7.329	713	722	729	rVV	465881	761542	7.73%	1.092%
13	7.394	729	733	737	rVV	24039	45751	0.46%	0.066%
14	7.435	737	740	746	rVV8	16315	32959	0.33%	0.047%
15	7.547	746	759	769	rVV	552621	978091	9.93%	1.402%
16	7.658	769	778	786	rVB	74980	151992	1.54%	0.218%
17	8.011	829	838	846	rBV	720680	1261484	12.81%	1.808%
18	8.122	854	857	866	rVB3	27789	52085	0.53%	0.075%
19	8.551	924	930	936	rBV4	22997	36937	0.38%	0.053%
20	8.651	940	947	952	rVB3	33116	59331	0.60%	0.085%
21	8.722	952	959	972	rVV	549292	1088373	11.05%	1.560%
22	8.833	972	978	985	rVB3	32910	74269	0.75%	0.106%
23	9.110	1017	1025	1029	rBV6	30872	68819	0.70%	0.099%
24	9.162	1029	1034	1043	rVV	494742	905566	9.20%	1.298%
25	9.315	1056	1060	1077	rVB4	42647	132204	1.34%	0.189%
26	9.439	1077	1081	1095	rBV4	9112	28777	0.29%	0.041%
27	9.585	1099	1106	1110	rBV3	26358	39987	0.41%	0.057%
28	9.638	1110	1115	1120	rVV4	21145	36025	0.37%	0.052%
29	9.703	1120	1126	1127	rVV3	23616	37852	0.38%	0.054%
30	9.732	1127	1131	1139	rVB	46118	75386	0.77%	0.108%
31	9.891	1148	1158	1170	rBV	441391	814986	8.28%	1.168%
32	10.008	1170	1178	1182	rVB4	15174	36110	0.37%	0.052%
33	10.150	1195	1202	1209	rBV6	29253	73039	0.74%	0.105%
34	10.214	1209	1213	1220	rVV7	26955	64725	0.66%	0.093%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

35	10.437	1245	1251	1260	rBV	615228	1180367	11.99%	1.692%
36	10.808	1304	1314	1321	rVV	1140993	2069262	21.01%	2.966%
37	10.855	1321	1322	1330	rVB2	68451	93618	0.95%	0.134%
38	10.943	1330	1337	1349	rBV	460048	903523	9.17%	1.295%
39	11.466	1419	1426	1433	rBV9	18919	43794	0.44%	0.063%
40	11.577	1440	1445	1447	rBV5	20292	34746	0.35%	0.050%
41	11.618	1447	1452	1463	rVV5	37453	104445	1.06%	0.150%
42	11.718	1463	1469	1476	rVB10	16053	39887	0.41%	0.057%
43	11.824	1483	1487	1497	rVB10	17565	46252	0.47%	0.066%
44	12.212	1548	1553	1560	rVB2	29373	42967	0.44%	0.062%
45	12.459	1586	1595	1603	rVB2	62768	151260	1.54%	0.217%
46	12.600	1612	1619	1625	rBV2	12156	32077	0.33%	0.046%
47	12.682	1625	1633	1646	rVV2	38138	85803	0.87%	0.123%
48	13.275	1728	1734	1739	rVB9	17590	34933	0.35%	0.050%
49	13.446	1755	1763	1770	rBV2	58390	138516	1.41%	0.199%
50	13.522	1772	1776	1780	rBV6	21336	35979	0.37%	0.052%
51	13.651	1790	1798	1807	rVB10	11935	36778	0.37%	0.053%
52	13.792	1815	1822	1832	rBV7	31548	86785	0.88%	0.124%
53	13.945	1837	1848	1853	rBV4	45812	111365	1.13%	0.160%
54	14.021	1853	1861	1865	rVV	1183640	1755662	17.83%	2.516%
55	14.068	1865	1869	1878	rVB	288412	429794	4.36%	0.616%
56	14.268	1899	1903	1905	rBV5	33205	42162	0.43%	0.060%
57	14.315	1905	1911	1925	rVB	1475581	2368328	24.05%	3.395%
58	14.509	1939	1944	1953	rVB	90032	136006	1.38%	0.195%
59	14.621	1953	1963	1973	rBV2	1520726	2597621	26.38%	3.723%
60	14.844	1994	2001	2014	rBV2	334221	805550	8.18%	1.155%
61	14.967	2016	2022	2026	rBV7	35482	80831	0.82%	0.116%
62	15.014	2027	2030	2037	rVB8	35912	61287	0.62%	0.088%
63	15.126	2047	2049	2054	rVB5	22655	30502	0.31%	0.044%
64	15.238	2063	2068	2071	rBV6	36769	64406	0.65%	0.092%
65	15.285	2072	2076	2081	rVB7	23042	38175	0.39%	0.055%
66	15.402	2092	2096	2101	rBV3	55611	98915	1.00%	0.142%
67	15.455	2101	2105	2110	rVB2	128203	173369	1.76%	0.248%
68	15.514	2110	2115	2118	rBV7	26256	54450	0.55%	0.078%
69	15.608	2124	2131	2137	rBV	1842101	2693202	27.35%	3.860%
70	15.725	2144	2151	2156	rBV	420271	673387	6.84%	0.965%
71	15.778	2157	2160	2164	rVB3	82091	109054	1.11%	0.156%

LSC Area Percent Report

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Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

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

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 1

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Title : SVOA CALIBRATION

72	15.860	2172	2174	2180	rVB3	68150	83554	0.85%	0.120%
73	15.954	2187	2190	2196	rVB8	29428	45556	0.46%	0.065%
74	16.072	2207	2210	2213	rBV5	29177	36736	0.37%	0.053%
75	16.154	2219	2224	2236	rBV	206861	355165	3.61%	0.509%
76	16.313	2245	2251	2253	rBV2	180164	271586	2.76%	0.389%
77	16.436	2268	2272	2276	rBV7	35400	77865	0.79%	0.112%
78	16.571	2291	2295	2300	rBV7	33361	71000	0.72%	0.102%
79	16.665	2307	2311	2312	rBV4	54430	66424	0.67%	0.095%
80	16.701	2313	2317	2322	rVB	193516	288461	2.93%	0.413%
81	16.754	2322	2326	2333	rBV6	67616	138495	1.41%	0.199%
82	17.100	2381	2385	2390	rBV2	177051	308125	3.13%	0.442%
83	17.153	2392	2394	2403	rVB7	89140	130584	1.33%	0.187%
84	17.353	2418	2428	2434	rBV2	1675871	2732340	27.74%	3.916%
85	17.453	2439	2445	2453	rVB	1797296	2679813	27.21%	3.841%
86	17.840	2506	2511	2514	rBV2	188971	298361	3.03%	0.428%
87	18.052	2542	2547	2551	rBV	384508	525241	5.33%	0.753%
88	18.240	2574	2579	2586	rBV	898923	1587626	16.12%	2.276%
89	18.305	2586	2590	2597	rVB	576188	847375	8.60%	1.215%
90	18.722	2658	2661	2666	rBV3	193375	331320	3.36%	0.475%
91	19.098	2721	2725	2729	rBV4	233455	367473	3.73%	0.527%
92	19.509	2791	2795	2805	rBV3	1058672	1874987	19.04%	2.688%
93	19.738	2829	2834	2842	rBV	2041883	3278029	33.29%	4.699%
94	20.643	2983	2988	2994	rBV	7737964	9848288	100.00%	14.116%
95	21.242	3086	3090	3095	rVB	1395485	1897680	19.27%	2.720%
96	21.483	3127	3131	3139	rVB	2548188	3513655	35.68%	5.036%
97	21.607	3148	3152	3162	rVB	1699807	3044246	30.91%	4.363%
98	21.824	3186	3189	3195	rVB	994273	1404411	14.26%	2.013%
99	24.568	3651	3656	3665	rVB2	990855	2193082	22.27%	3.143%
100	24.785	3687	3693	3709	rVB2	1630416	5164819	52.44%	7.403%

Sum of corrected areas: 69766519

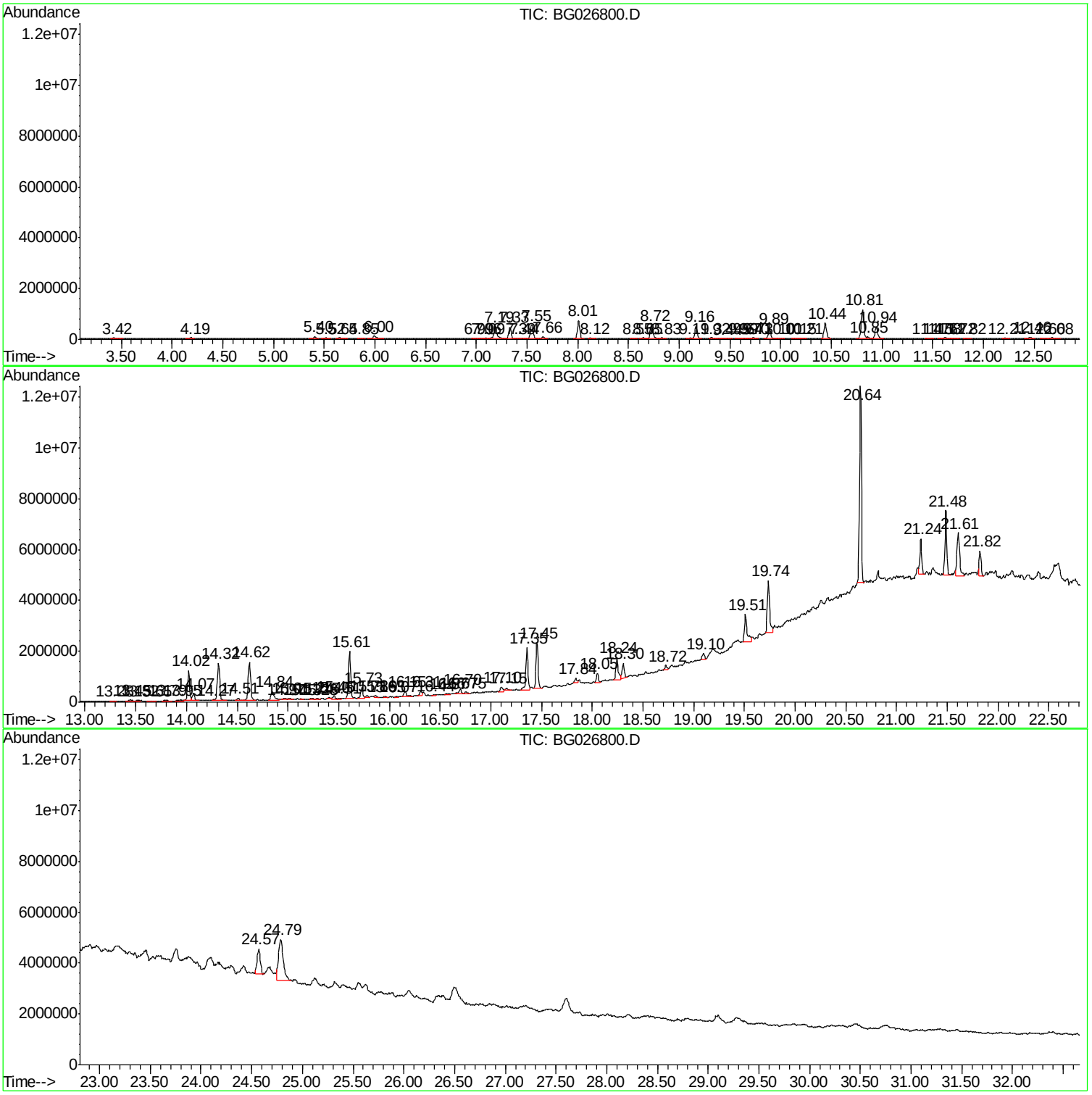
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

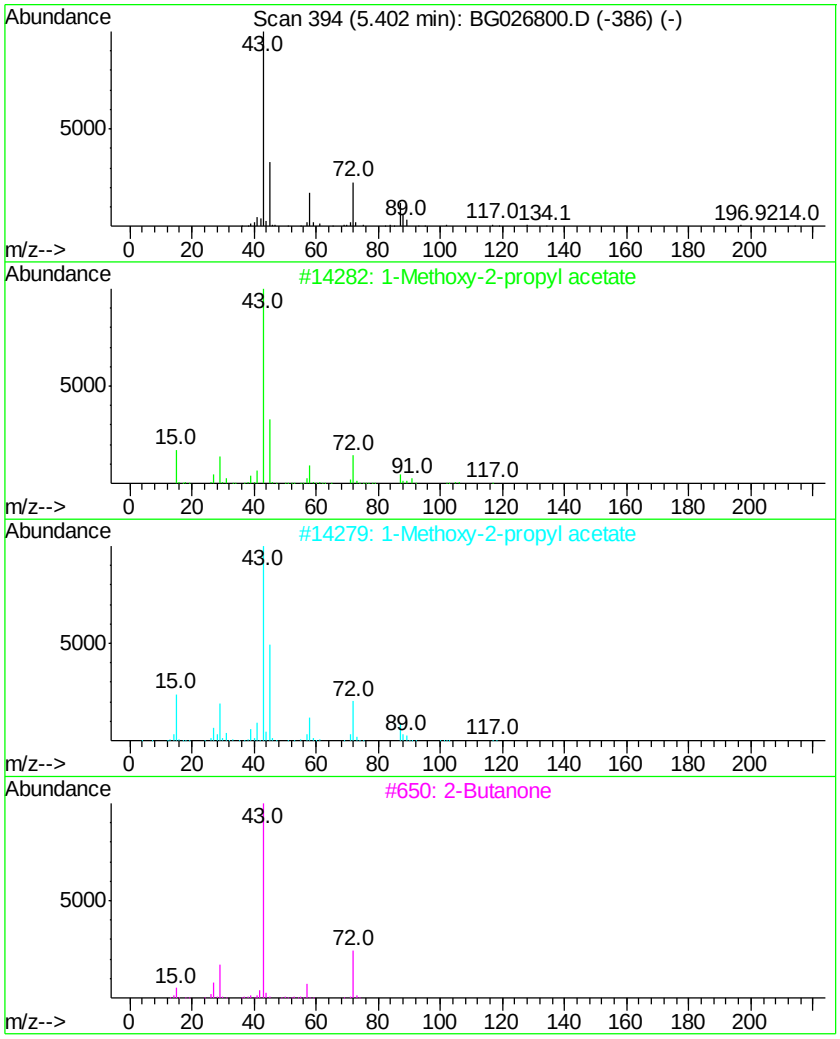
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

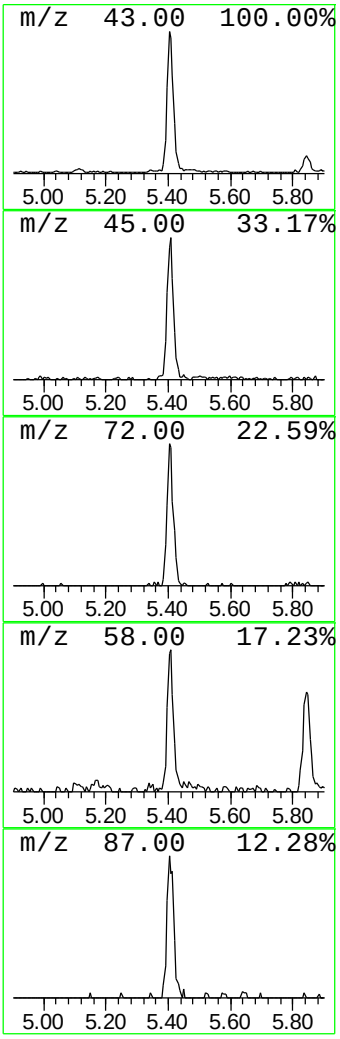
****

Peak Number 1 1-Methoxy-2-propyl acetate Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.40	2.23 ng/ul	140820	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	78
2	1-Methoxy-2-propyl acetate	132	C6H12O3	000108-65-6	42
3	2-Butanone	72	C4H8O	000078-93-3	25
4	1,2-Propanediol, 2-acetate	118	C5H10O3	006214-01-3	25
5	Propane, 1-(1-methylethoxy)-	102	C6H14O	000627-08-7	12





Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

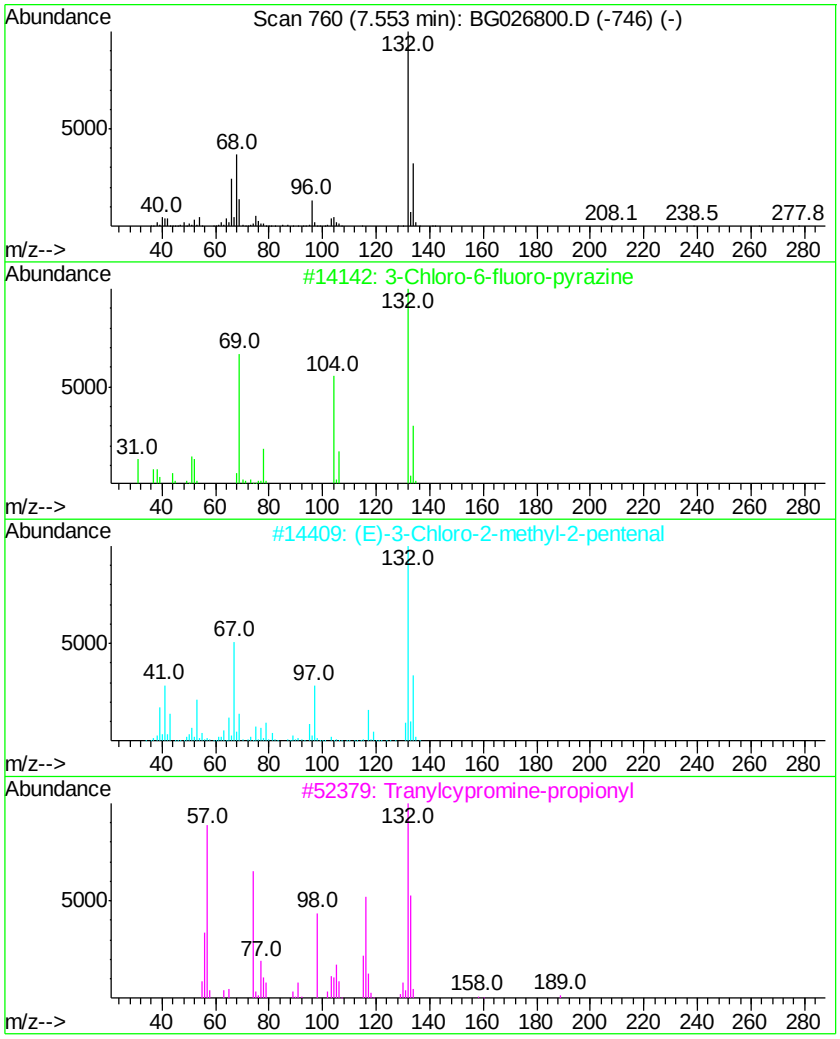
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

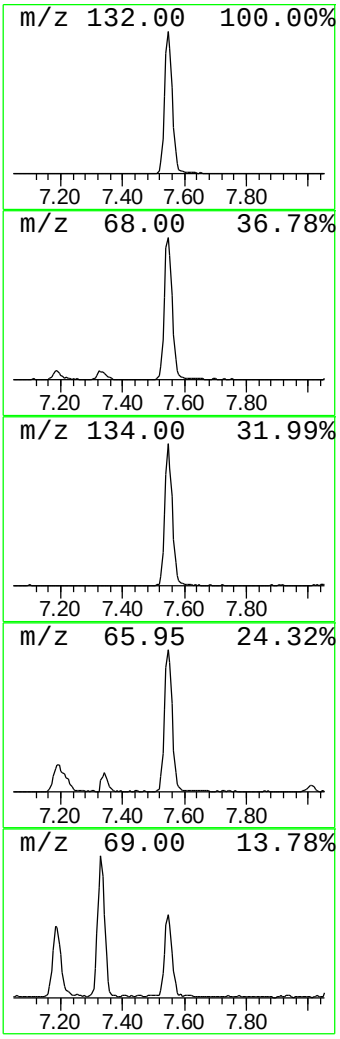
****

Peak Number 3 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.55	15.51 ng/ul	978091	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	5-Aminoindole	132	C8H8N2	005192-03-0	10
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

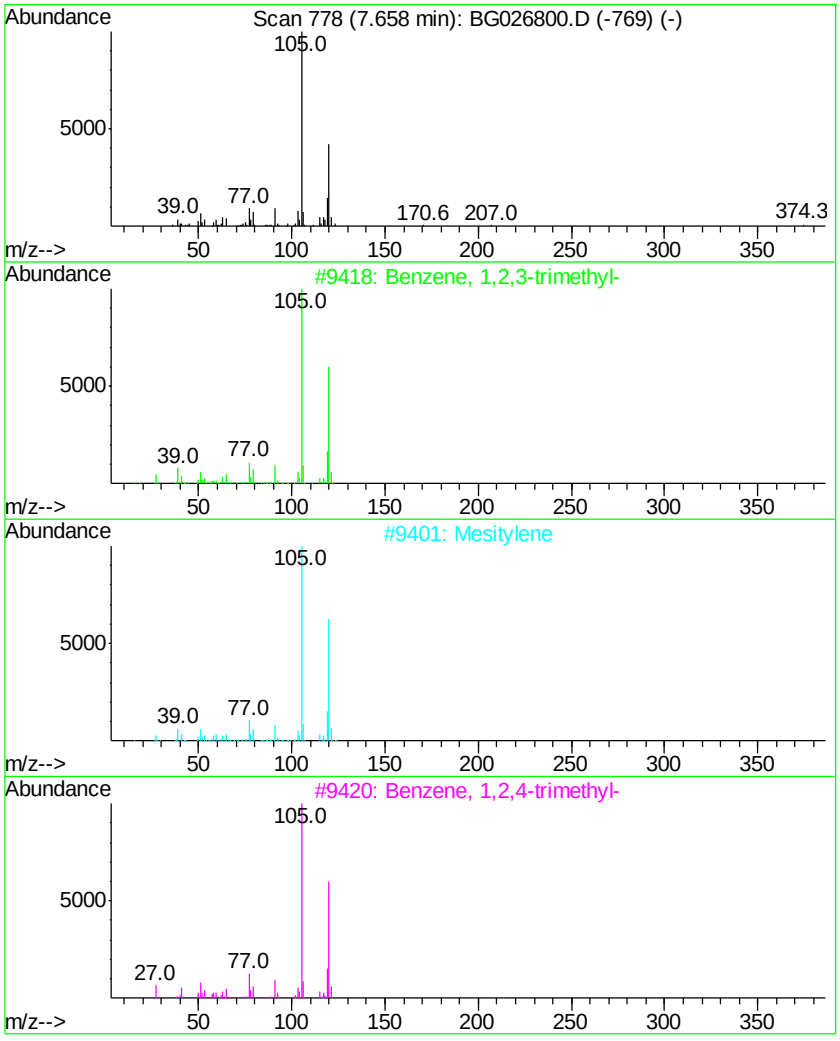
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

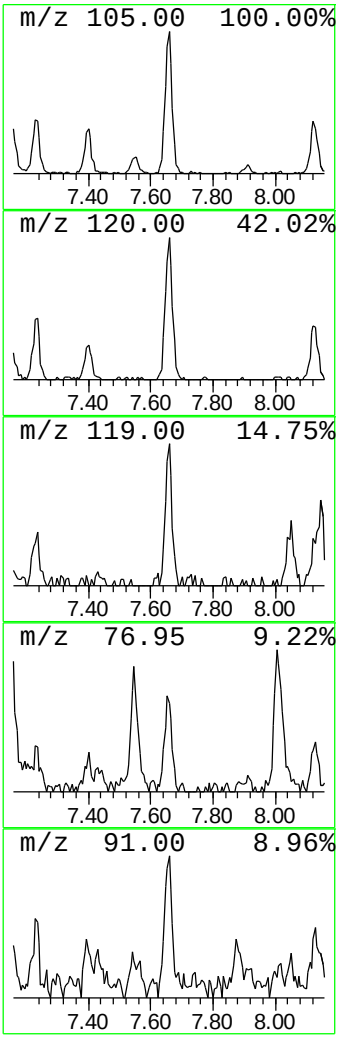
****

Peak Number 4 Benzene, 1,2,3-trimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	2.41 ng/ul	151992	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,3-trimethyl-	120	C9H12	000526-73-8	95
2	Mesitylene	120	C9H12	000108-67-8	94
3	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91
4	Mesitylene	120	C9H12	000108-67-8	91
5	Benzene, 1,2,4-trimethyl-	120	C9H12	000095-63-6	91





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

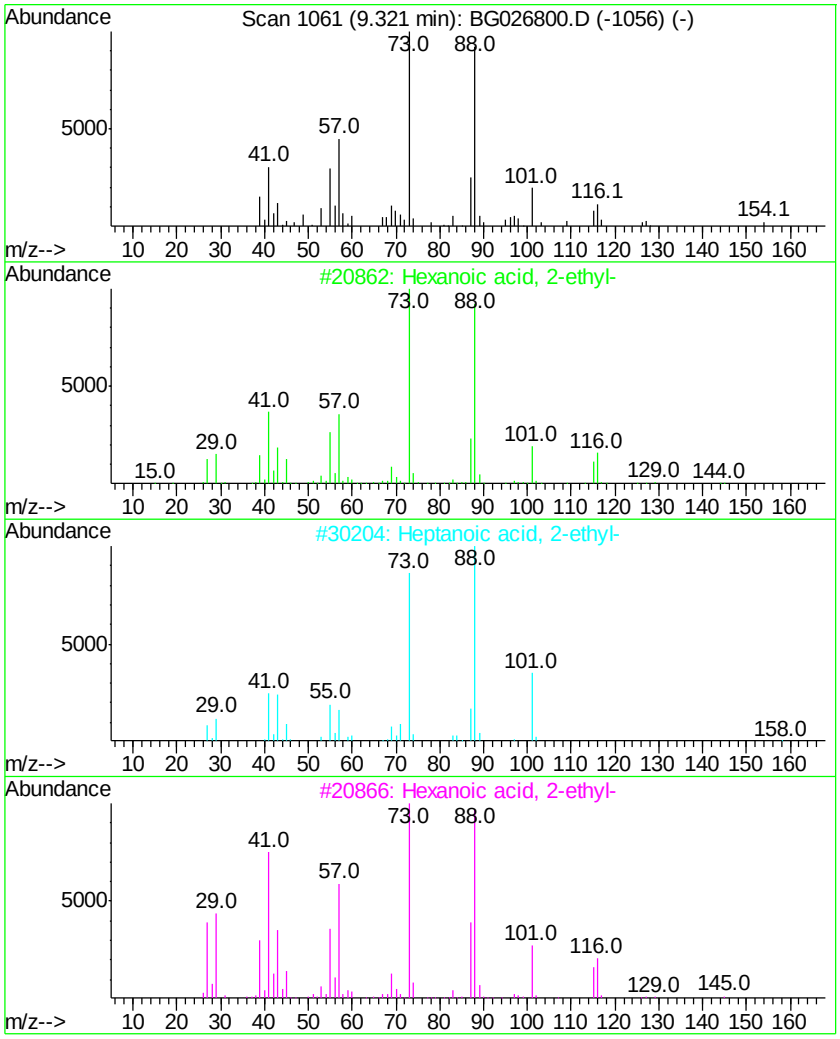
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

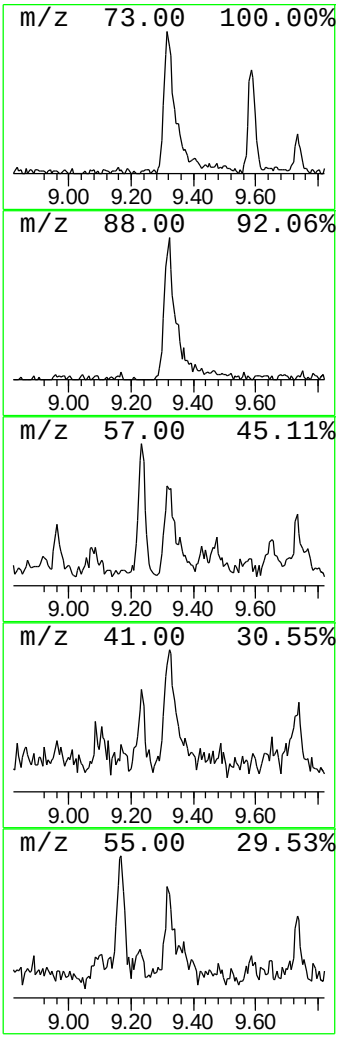
****

Peak Number 5 Hexanoic acid, 2-ethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.32	2.10 ng/ul	132204	1,4-Dichlorobenzene-d4	8.01

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	59
2	Heptanoic acid, 2-ethyl-	158	C9H18O2	003274-29-1	59
3	Hexanoic acid, 2-ethyl-	144	C8H16O2	000149-57-5	42
4	Pentanoic acid, 2-methyl-, methy...	130	C7H14O2	002177-77-7	40
5	Methyl 2-methylhexanoate	144	C8H16O2	002177-81-3	38





Data Path : Z:\HPCHEM1\BNA G\DATA\BG043017\
Data File : BG026800.D
Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

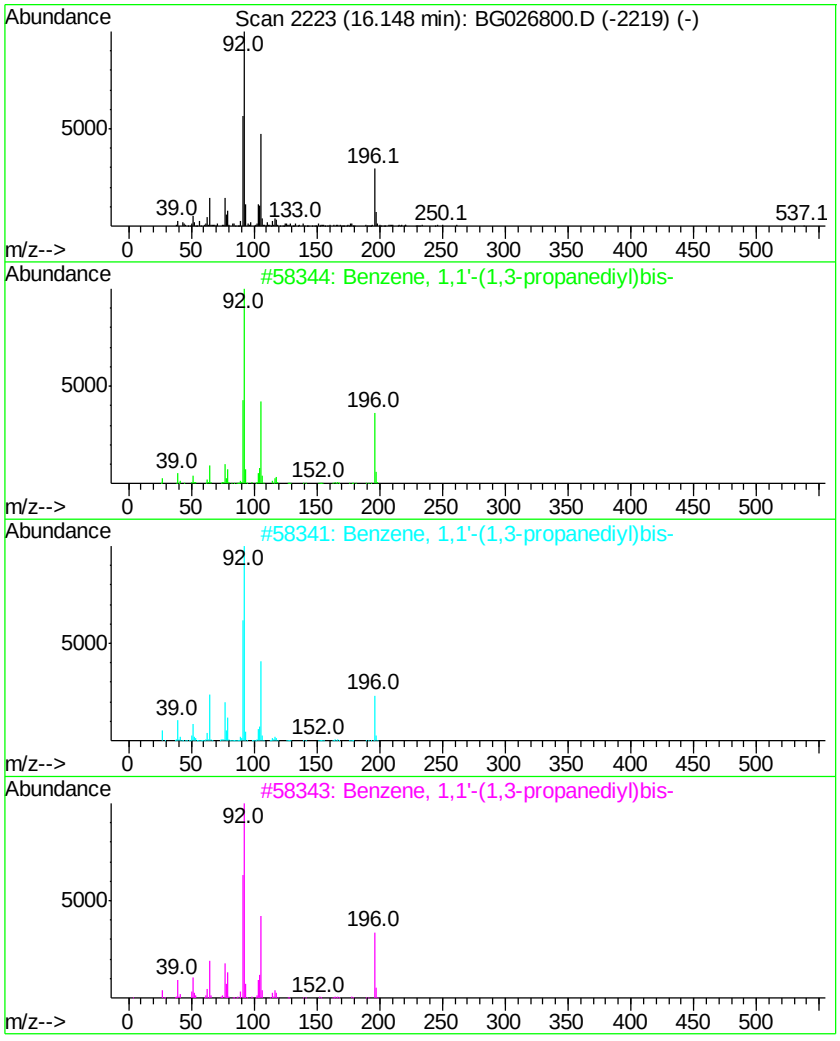
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

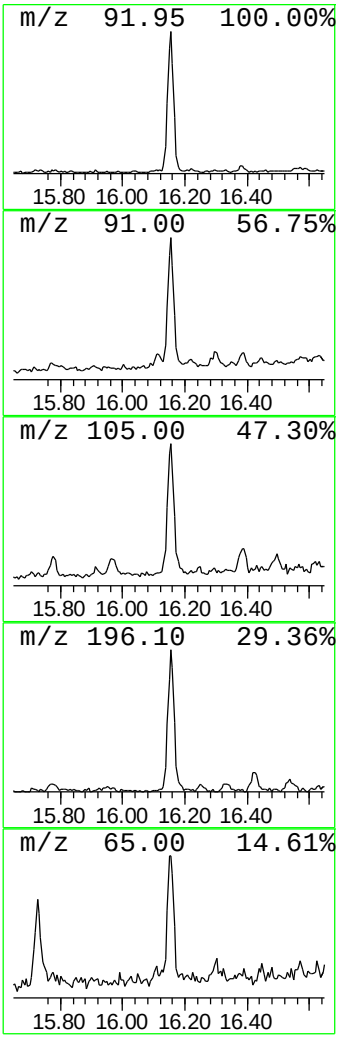
****

Peak Number 6 Benzene, 1,1'-(1,3-propaned... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	2.60 ng/ul	355165	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	95
2	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	94
3	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	64
4	Benzene, 1,1'-(1,3-propanediyl)bis-	196	C15H16	001081-75-0	60
5	Benzeneethanol, .alpha.-methyl-	136	C9H12O	000698-87-3	47





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Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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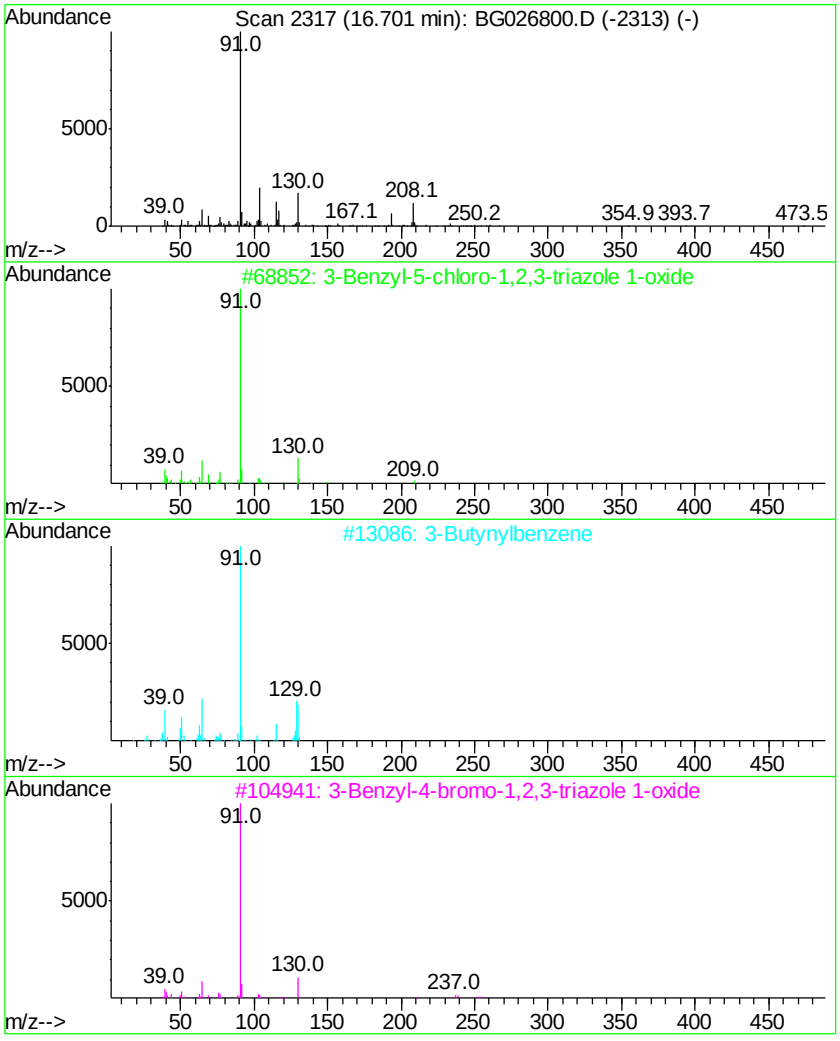
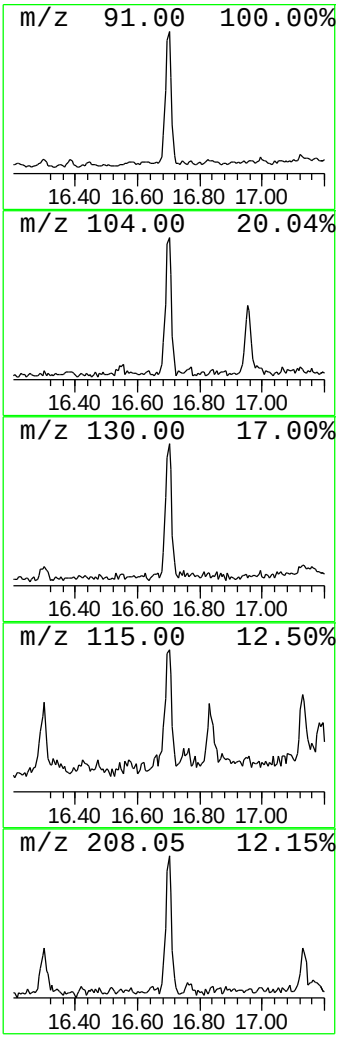
Peak Number 7 unknown-02 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.70	2.11 ng/ul	288461	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Benzyl-5-chloro-1,2,3-triazole...	209	C9H8ClN3O	116932-67-3	38
2	3-Butynylbenzene	130	C10H10	016520-62-0	38
3	3-Benzyl-4-bromo-1,2,3-triazole ...	253	C9H8BrN3O	1000099-47-9	27
4	N-Benzyl-1H-benzimidazole	208	C14H12N2	004981-92-4	16
5	trans-1-Cyano-2-phenylcyclopropanol	159	C10H9NO	005508-33-8	14





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Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

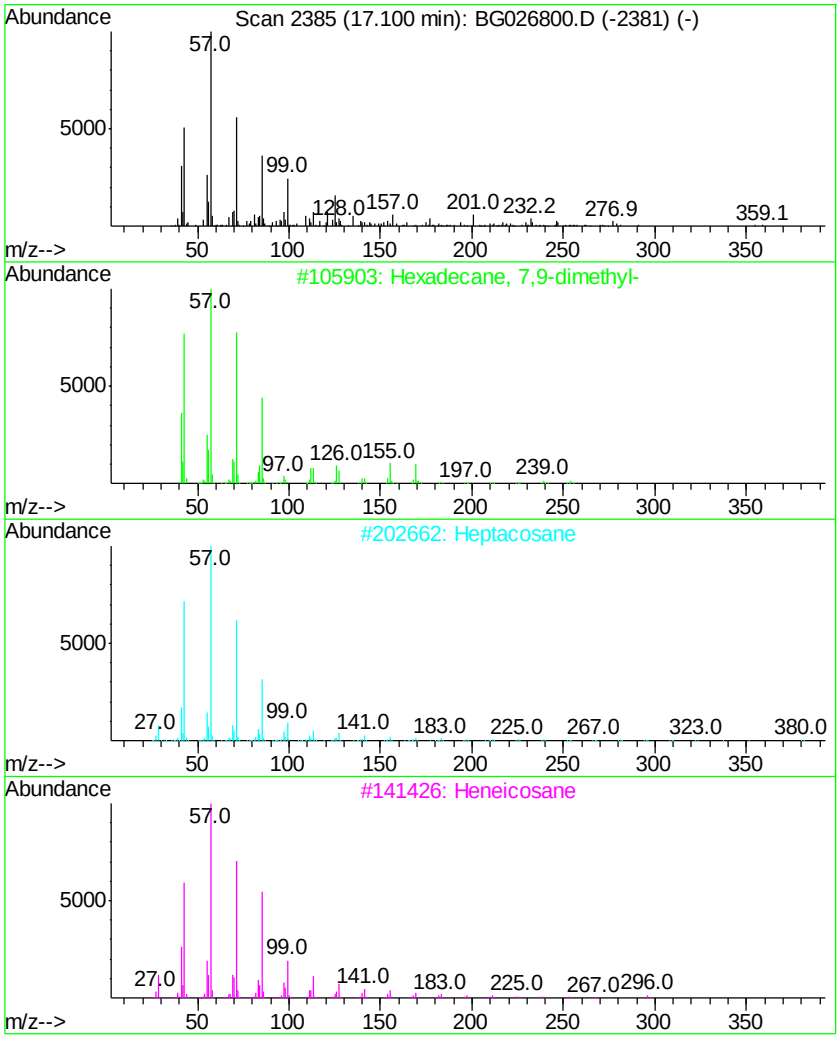
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

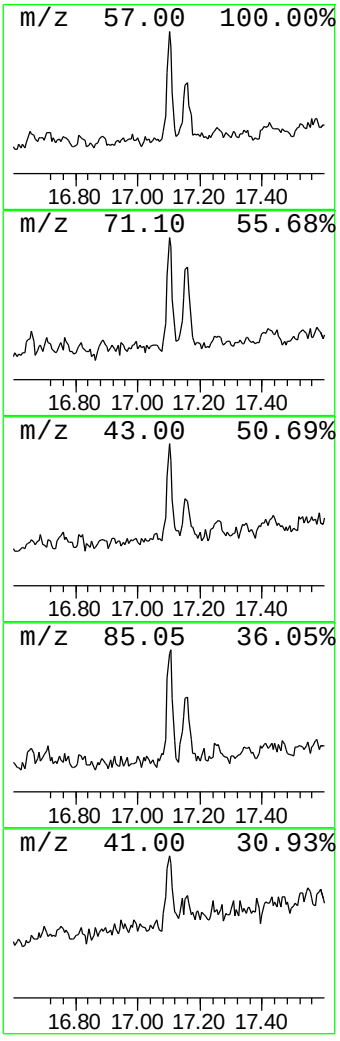
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.10	2.26 ng/ul	308125	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 7,9-dimethyl-	254	C18H38	021164-95-4	55
2	Heptacosane	380	C27H56	000593-49-7	52
3	Heneicosane	296	C21H44	000629-94-7	50
4	Hexadecane	226	C16H34	000544-76-3	50
5	Hexadecane	226	C16H34	000544-76-3	49





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Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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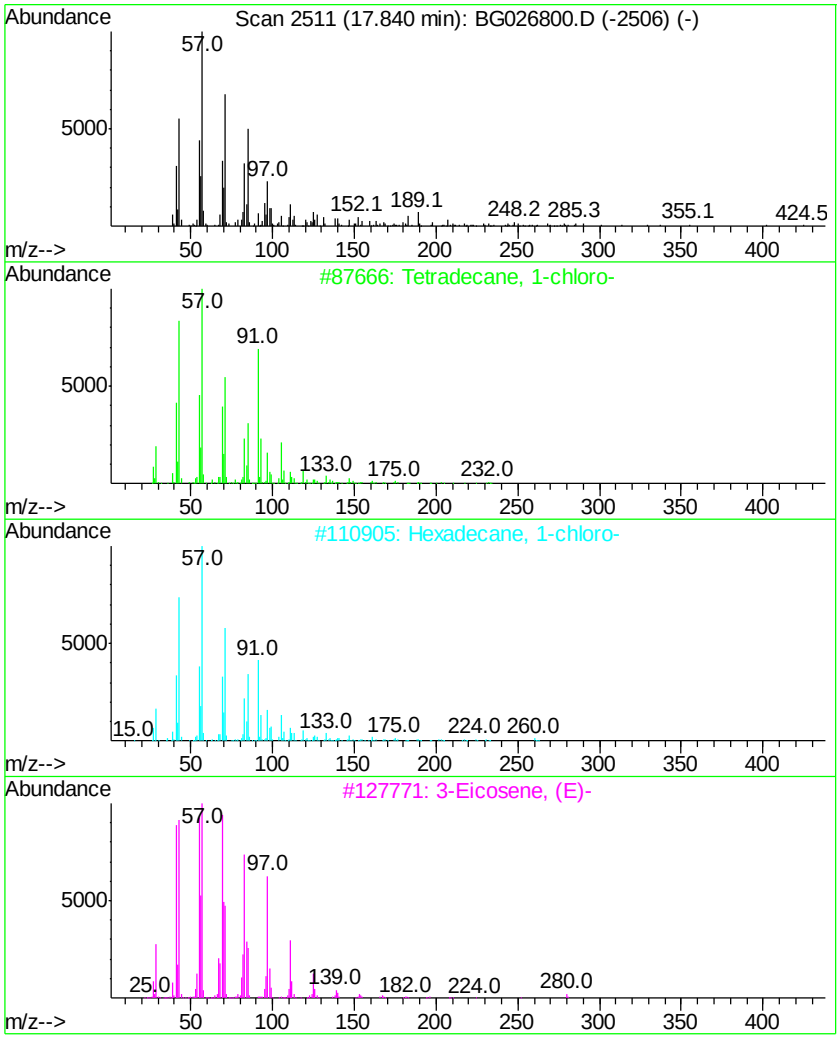
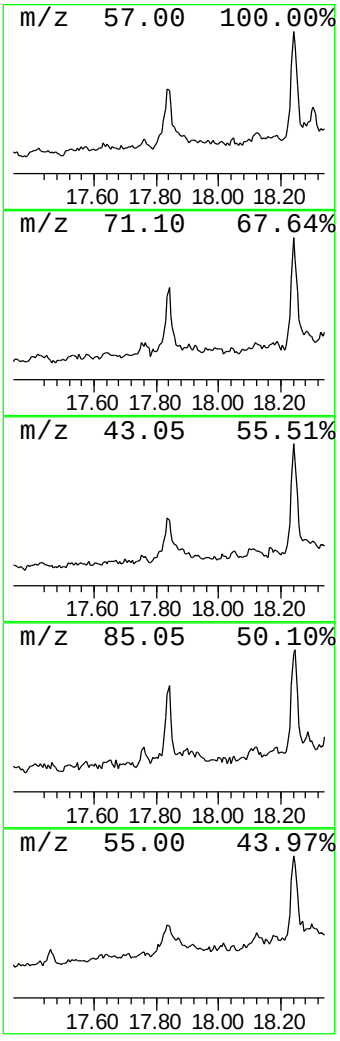
Peak Number 9 Tetradecane, 1-chloro- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.84	2.18 ng/ul	298361	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane, 1-chloro-	232	C14H29Cl	002425-54-9	91
2	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	90
3	3-Eicosene, (E)-	280	C20H40	074685-33-9	87
4	1-Octadecanesulphonyl chloride	352	C18H37ClO2S	1000342-70-4	86
5	1-Dodecanol, 2-octyl-	298	C20H42O	005333-42-6	80





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

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Quant Title : SVOA CALIBRATION

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

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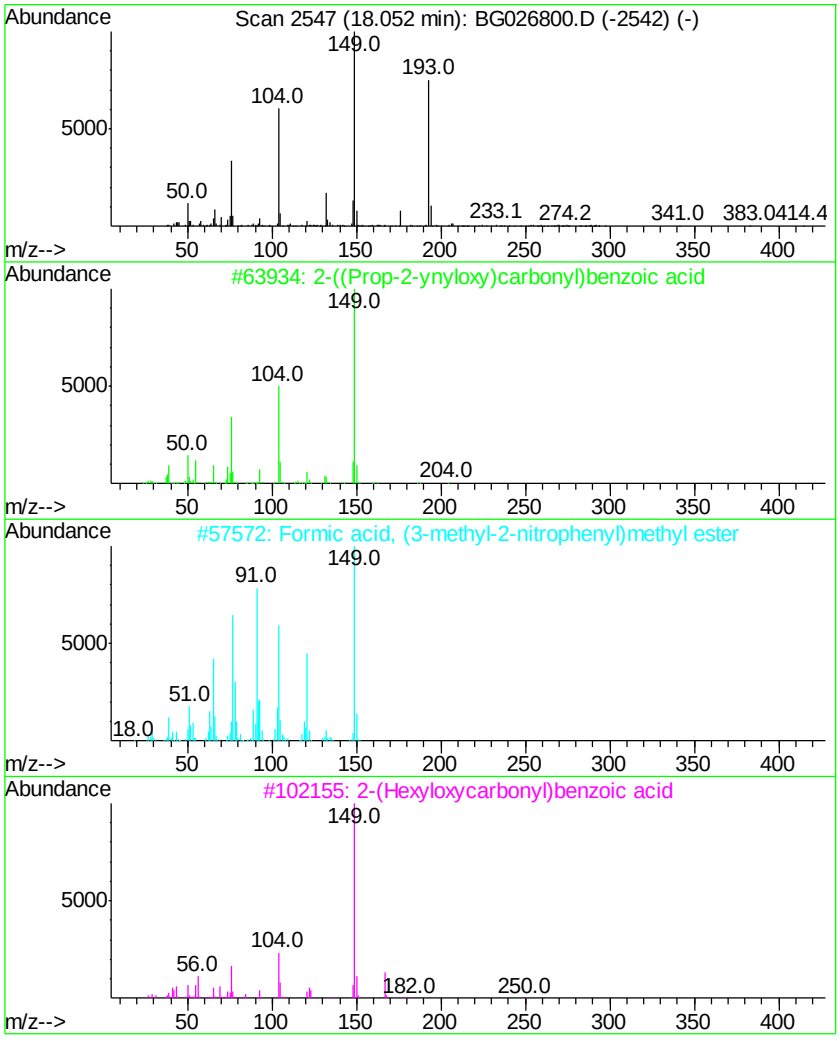
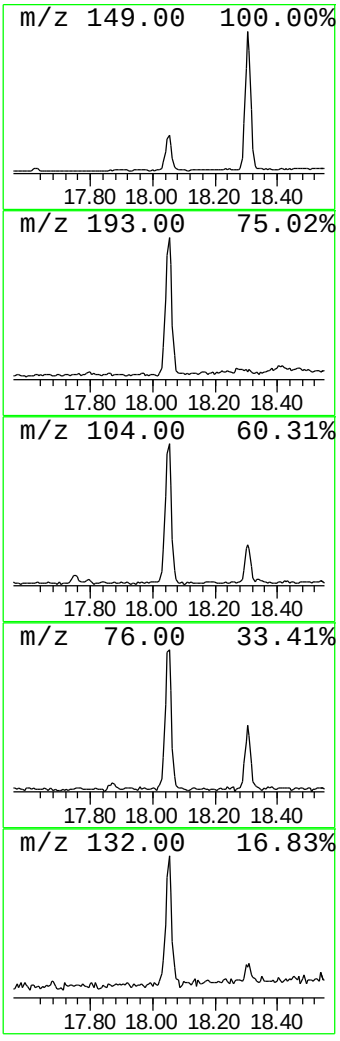
Peak Number 10 unknown-03 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.05	3.84 ng/ul	525241	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-((Prop-2-ynyloxy)carbonyl)benz...	204	C11H8O4	1000373-53-6	38
2	Formic acid, (3-methyl-2-nitroph...	195	C9H9NO4	1000368-20-9	38
3	2-(Hexyloxycarbonyl)benzoic acid	250	C14H18O4	1000373-63-0	30
4	Phthalic acid, ethyl isopropyl e...	236	C13H16O4	1000314-99-6	25
5	1,2-Benzenedicarboxylic acid, bi...	250	C14H18O4	000605-45-8	25





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Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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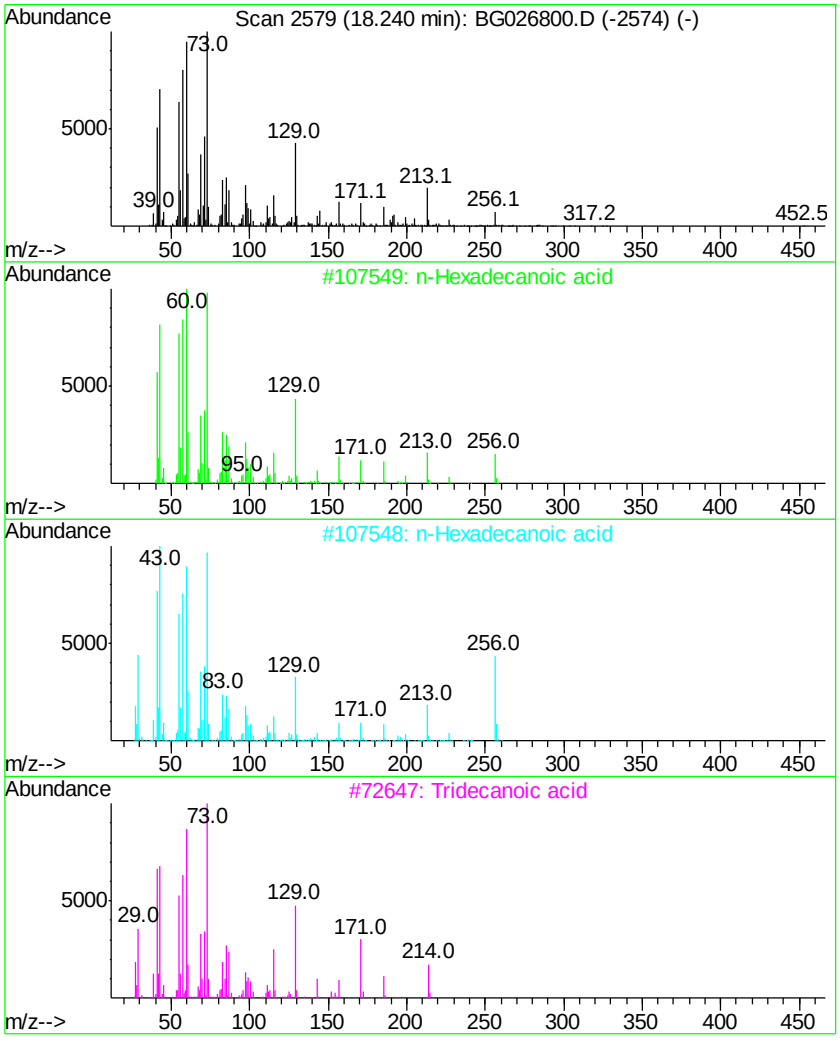
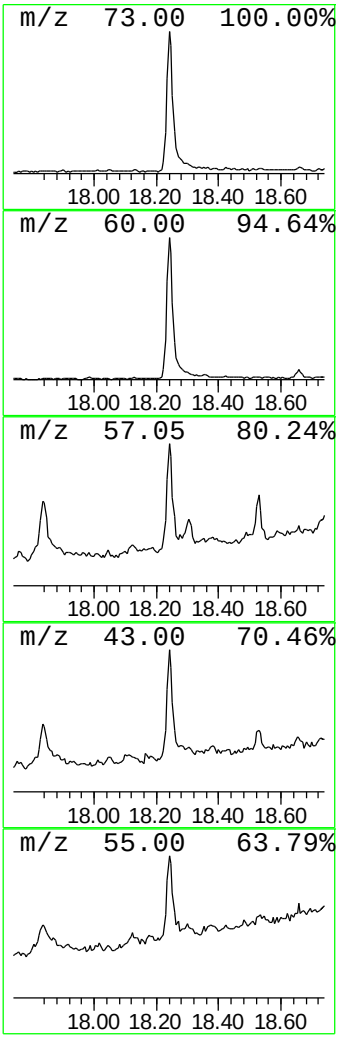
Peak Number 11 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	11.62 ng/ul	1587630	Phenanthrene-d10	17.35

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	97
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Octadecanoic acid	284	C18H36O2	000057-11-4	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	81





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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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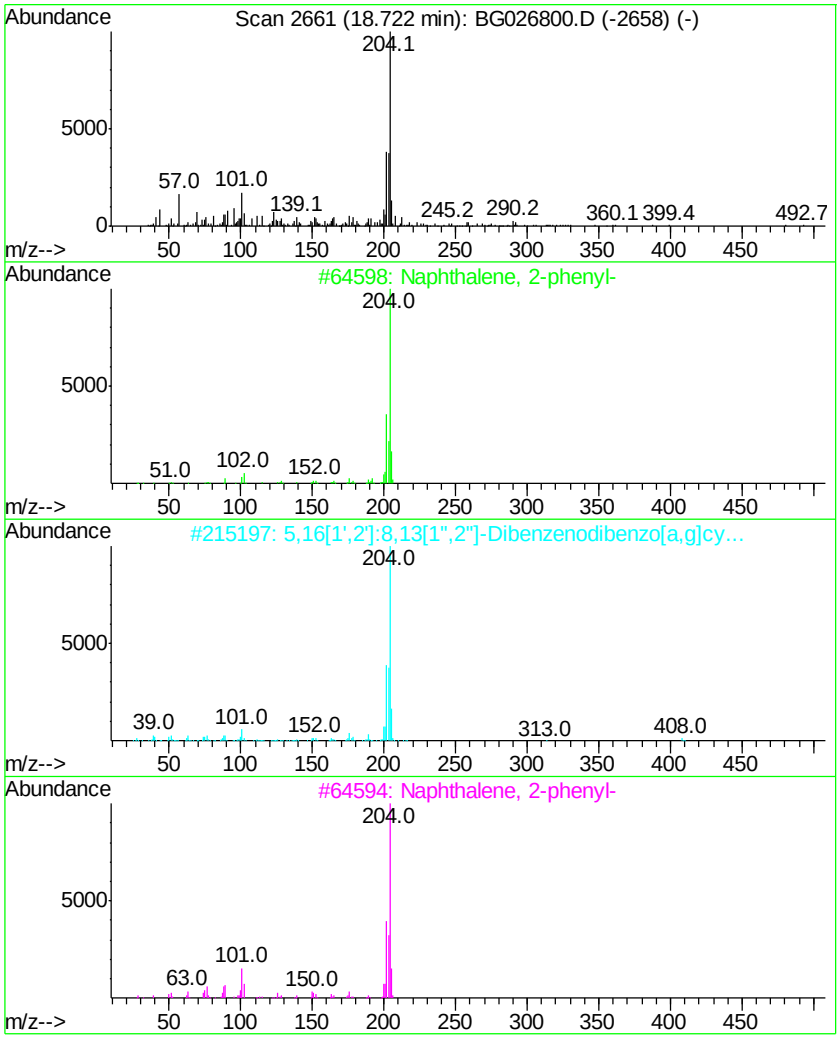
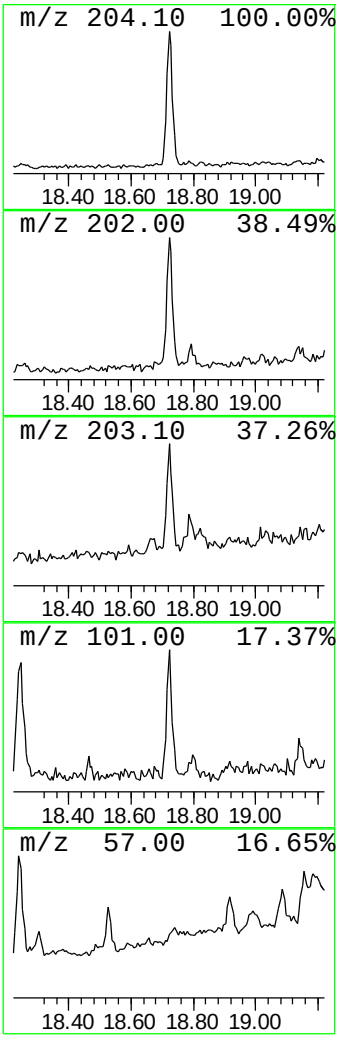
Peak Number 12 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.72	2.43 ng/ul	331320	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	87
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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Acq On : 1 May 2017 8:41
Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

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Quant Title : SVOA CALIBRATION

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

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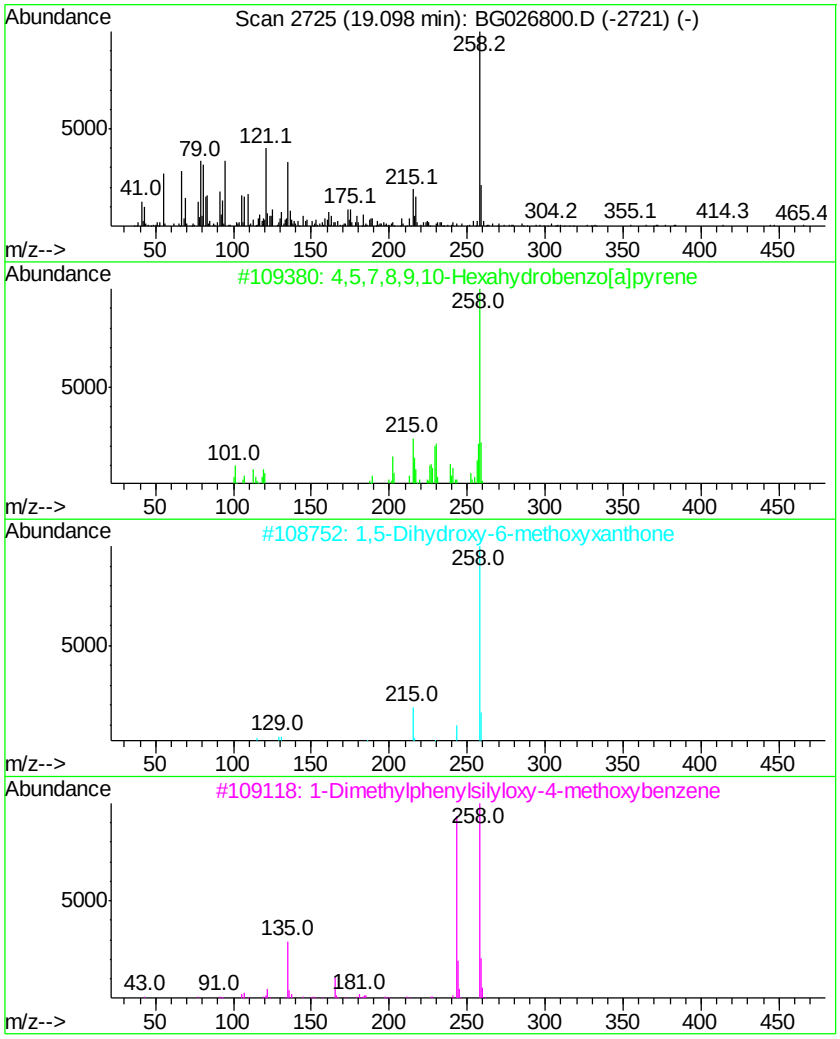
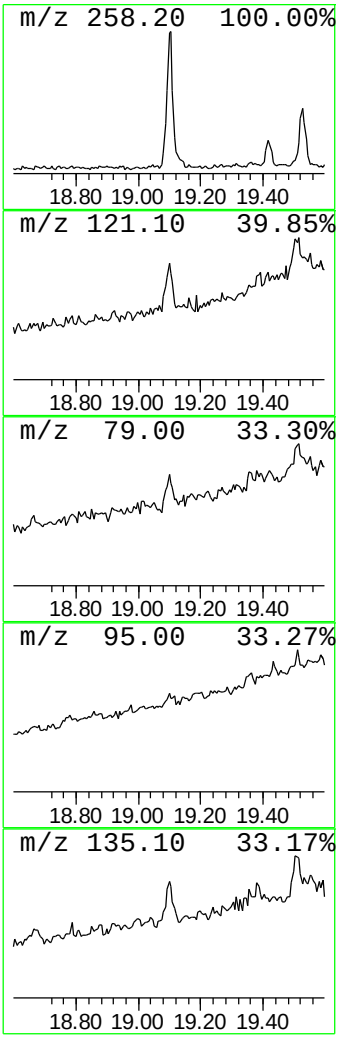
Peak Number 13 4,5,7,8,9,10-Hexahydrobenzo... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	2.69 ng/ul	367473	Phenanthrene-d10	17.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,7,8,9,10-Hexahydrobenzo[a]py...	258	C20H18	073712-75-1	53
2	1,5-Dihydroxy-6-methoxyxanthone	258	C14H10O5	181307-35-7	53
3	1-Dimethylphenylsilyloxy-4-metho...	258	C15H18O2Si	1000307-90-7	52
4	2-Thiazoleacetonitrile, 4-tricyc...	258	C15H18N2S	1000338-15-0	50
5	[1,2,4]Oxadiazole, 5-phenoxymeth...	258	C13H10N2O2S	1000304-49-5	49





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Sample : I2846-19
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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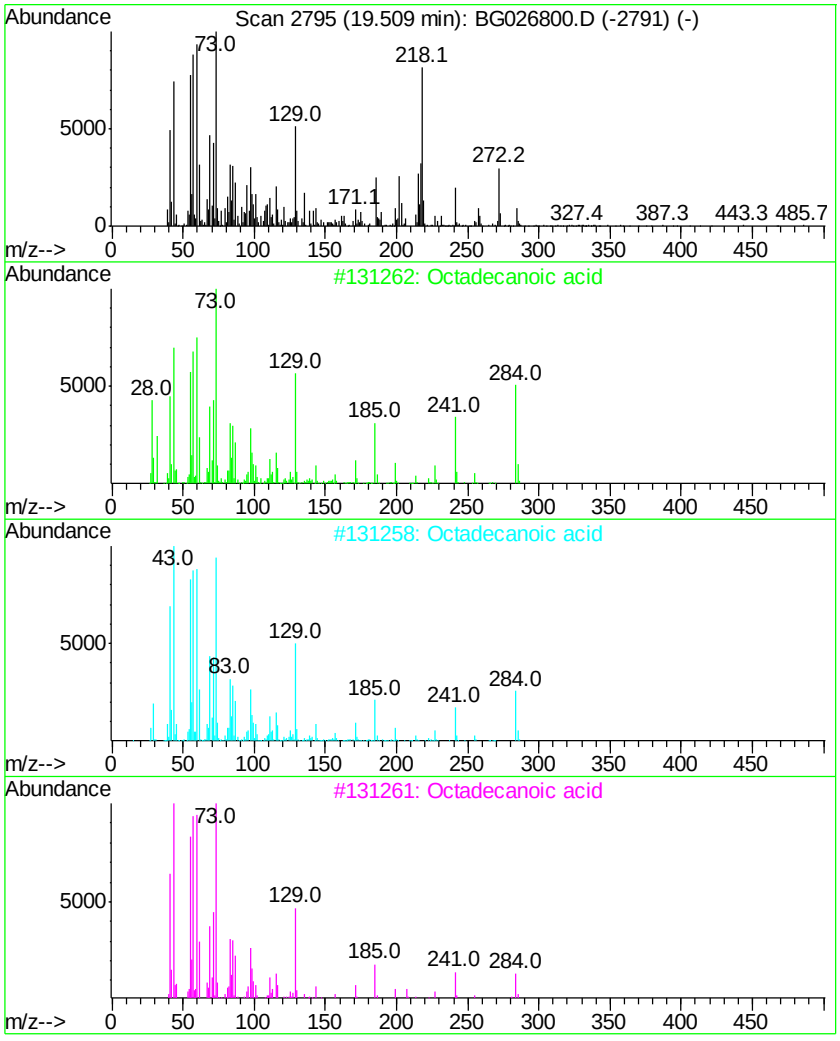
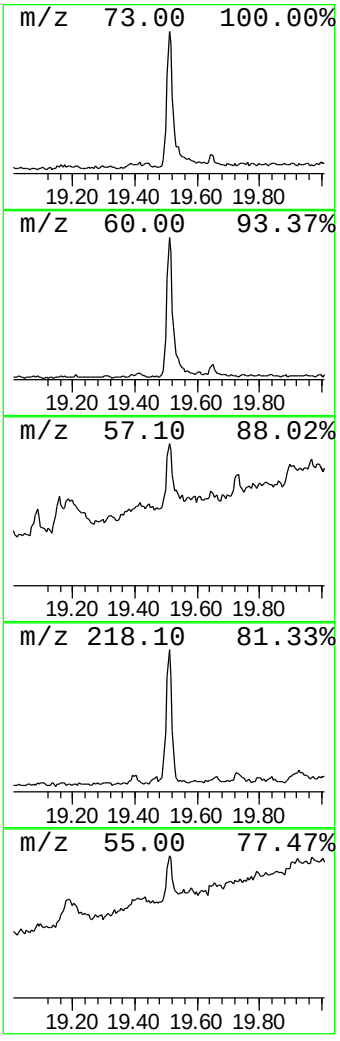
Peak Number 14 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.51	12.32 ng/ul	1874990	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	95
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Octadecanoic acid	284	C18H36O2	000057-11-4	95
4	Octadecanoic acid	284	C18H36O2	000057-11-4	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	83





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Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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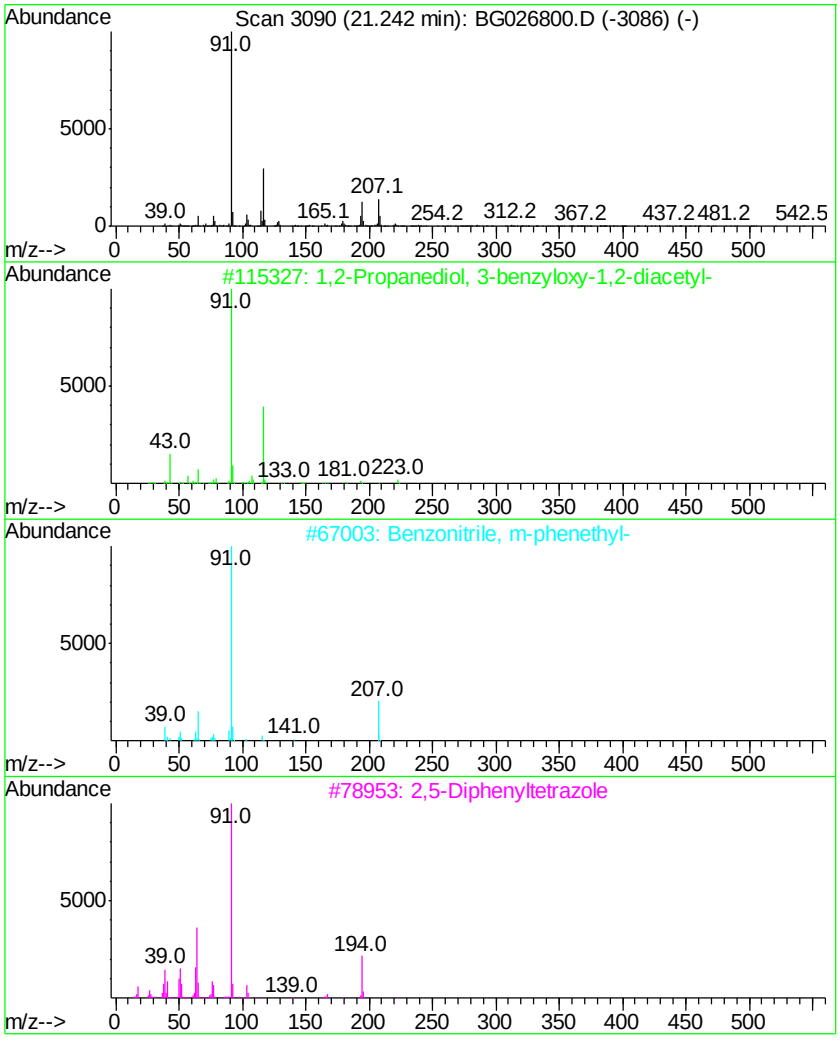
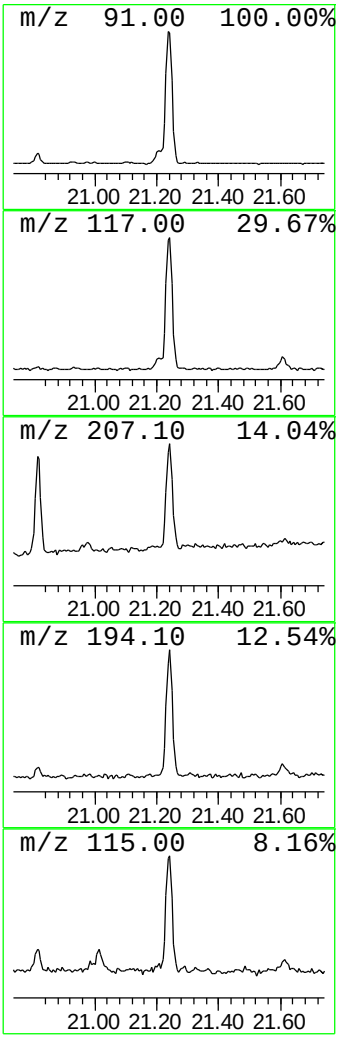
Peak Number 15 unknown-04 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.24	12.47 ng/ul	1897680	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2-Propanediol, 3-benzyloxy-1,2...	266	C14H18O5	013754-10-4	25
2	Benzonitrile, m-phenethyl-	207	C15H13N	034176-91-5	25
3	2,5-Diphenyltetrazole	222	C13H10N4	018039-45-7	23
4	Isoxazole, 5-chloro-4-(2-phenyle...	207	C11H10ClNO	1000362-09-0	16
5	Alpha-phenyl-alpha-tropylacetald...	378	C22H22N2O2S	022532-16-7	16





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Sample : I2846-19
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ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.M
Quant Title : SVOA CALIBRATION

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

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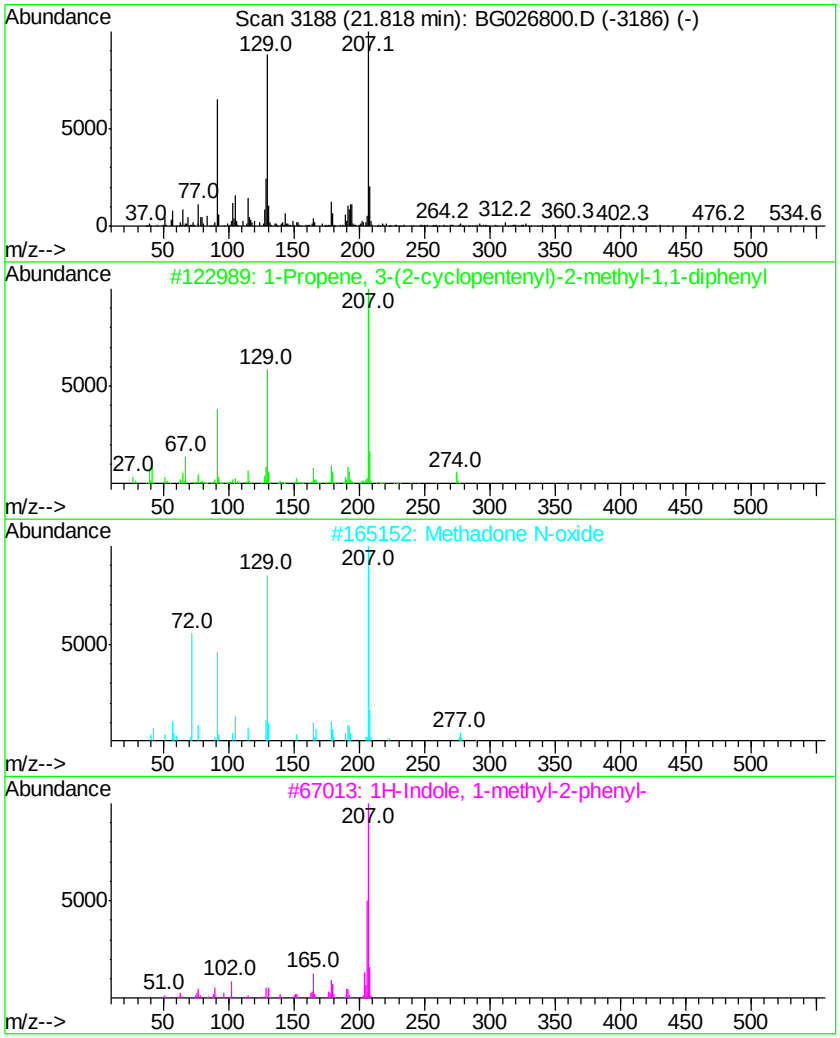
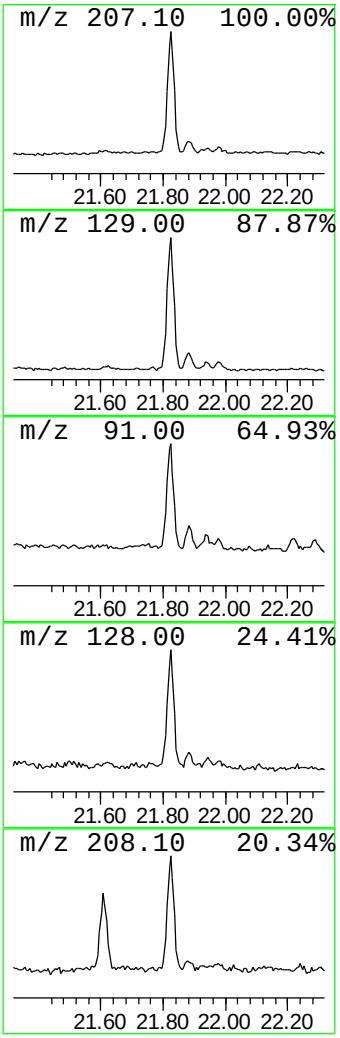
Peak Number 17 1-Propene, 3-(2-cyclopenten... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.82	9.23 ng/ul	1404410	Chrysene-d12	21.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Propene, 3-(2-cyclopentenyl)-2...	274	C21H22	1000154-23-3	72
2	Methadone N-oxide	325	C21H27NO2	1000120-80-7	56
3	1H-Indole, 1-methyl-2-phenyl-	207	C15H13N	003558-24-5	38
4	5-Methyl-2-phenylindolizine	207	C15H13N	036944-99-7	38
5	Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	35





Tentatively Identified Compound (LSC) summary

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Data File : BG026800.D
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Operator : SJ/MA
Sample : I2846-19
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : JHT01

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG042717.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
1-Methoxy-2-propy...	5.40	2.2	ng/ul	140820	1	8.01	1261480	20.0
unknown-01	7.55	15.5	ng/ul	978091	1	8.01	1261480	20.0
Benzene, 1,2,3-tr...	7.66	2.4	ng/ul	151992	1	8.01	1261480	20.0
Hexanoic acid, 2-...	9.32	2.1	ng/ul	132204	1	8.01	1261480	20.0
Benzene, 1,1'-(1,...	16.15	2.6	ng/ul	355165	4	17.35	2732340	20.0
unknown-02	16.70	2.1	ng/ul	288461	4	17.35	2732340	20.0
(DEL) Alkane: Str...	17.10	2.3	ng/ul	308125	4	17.35	2732340	20.0
Tetradecane, 1-ch...	17.84	2.2	ng/ul	298361	4	17.35	2732340	20.0
unknown-03	18.05	3.8	ng/ul	525241	4	17.35	2732340	20.0
n-Hexadecanoic acid	18.24	11.6	ng/ul	1587630	4	17.35	2732340	20.0
Naphthalene, 2-ph...	18.72	2.4	ng/ul	331320	4	17.35	2732340	20.0
4,5,7,8,9,10-Hexa...	19.10	2.7	ng/ul	367473	4	17.35	2732340	20.0
Octadecanoic acid	19.51	12.3	ng/ul	1874990	5	21.61	3044250	20.0
unknown-04	21.24	12.5	ng/ul	1897680	5	21.61	3044250	20.0
1-Propene, 3-(2-c...	21.82	9.2	ng/ul	1404410	5	21.61	3044250	20.0