LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028523.D
Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.825	31	40	44	rVV6	5285	10486	0.65%	0.058%
2	7.492	652	664	679	rVB	129195	255323	15.84%	1.409%
3	7.650	682	691	700	rBV2	86597	159705	9.91%	0.882%
4	7.874	719	729	743	rVV	114186	210671	13.07%	1.163%
5	8.338	799	808	820	rBV	140047	246371	15.29%	1.360%
6	9.037	918	927	947	rBV	165608	326909	20.28%	1.804%
7	9.436	987	995	1000	rVB4	4534	11141	0.69%	0.061%
8	9.507	1000	1007	1018	rBV2	131284	262512	16.29%	1.449%
9	9.642	1023	1030	1039	rBV7	4624	10961	0.68%	0.061%
10	9.783	1047	1054	1060	rVB6	3701	9596	0.60%	0.053%
11	9.871	1060	1069	1075	rBV5	3293	9736	0.60%	0.054%
12	10.230	1123	1130	1141	rVV	123452	237531	14.74%	1.311%
13	10.447	1161	1167	1178	rBV7	10167	28232	1.75%	0.156%
14	10.776	1214	1223	1231	rVV	185126	365299	22.66%	2.016%
15	11.158	1281	1288	1295	rBV	186889	350467	21.74%	1.934%
16	11.205	1295	1296	1302	rVB5	9449	12199	0.76%	0.067%
17	11.287	1302	1310	1332	rVB2	171337	360551	22.37%	1.990%
18	11.487	1339	1344	1350	rBV6	5409	11058	0.69%	0.061%
19	11.569	1350	1358	1363	rVB8	3946	10642	0.66%	0.059%
20	11.628	1363	1368	1372	rBV6	6205	10579	0.66%	0.058%
21	11.945	1415	1422	1423	rBV5	5802	9424	0.58%	0.052%
22	12.127	1445	1453	1457	rBV2	23154	39679	2.46%	0.219%
23	12.227	1467	1470	1475	rVB5	7915	11583	0.72%	0.064%
24	12.398	1493	1499	1507	rBV9	6453	20628	1.28%	0.114%
25	12.615	1527	1536	1540	rBV9	7609	23559	1.46%	0.130%
26	12.656	1540	1543	1549	rVV7	7758	14510	0.90%	0.080%
27	12.733	1549	1556	1561	rVB9	12260	27344	1.70%	0.151%
28	12.791	1561	1566	1572	rBV	27004	44499	2.76%	0.246%
29	12.921	1584	1588	1592	rBV6	5684	11385	0.71%	0.063%
30	12.991	1596	1600	1609	rBV7	9386	22519	1.40%	0.124%
31	13.144	1620	1626	1633	rBV8	10449	30139	1.87%	0.166%
32	13.209	1633	1637	1645	rVV8	13138	26529	1.65%	0.146%
33	13.308	1649	1654	1656	rBV5	4113	9014	0.56%	0.050%
34	13.391	1663	1668	1673	rBV7	10662	22580	1.40%	0.125%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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

35	13.449	1673	1678	1689	rVB	44092	70104	4.35%	0.387%
36	13.655	1708	1713	1718	rBV9	5891	10233	0.63%	0.056%
37	13.731	1718	1726	1734	rBV9	21152	69619	4.32%	0.384%
38	13.820	1738	1741	1744	rBV5	7679	10987	0.68%	0.061%
39	13.978	1764	1768	1774	rVB8	8340	16800	1.04%	0.093%
40	14.119	1786	1792	1798	rBV10	16148	32583	2.02%	0.180%
41	14.260	1811	1816	1822	rBV10	14078	27403	1.70%	0.151%
42	14.337	1822	1829	1833	rVV	464145	712856	44.23%	3.935%
43	14.384	1833	1837	1846	rVB2	198391	319976	19.85%	1.766%
44	14.583	1866	1871	1875	rVB8	7358	16333	1.01%	0.090%
45	14.642	1875	1881	1892	rBV	458812	779717	48.37%	4.304%
46	14.766	1892	1902	1906	rVV10	35500	70788	4.39%	0.391%
47	14.836	1911	1914	1918	rBV5	8431	10057	0.62%	0.056%
48	14.948	1918	1933	1940	rVB2	309264	554105	34.38%	3.059%
49	15.006	1940	1943	1946	rBV5	16174	24090	1.49%	0.133%
50	15.077	1954	1955	1960	rVB4	9152	11405	0.71%	0.063%
51	15.147	1960	1967	1976	rBV	181343	394967	24.50%	2.180%
52	15.300	1990	1993	1997	rBV5	13925	20922	1.30%	0.115%
53	15.418	2010	2013	2021	rVV8	23114	38366	2.38%	0.212%
54	15.488	2021	2025	2029	rVB5	13789	22522	1.40%	0.124%
55	15.547	2031	2035	2039	rBV6	21161	44207	2.74%	0.244%
56	15.600	2039	2044	2048	rVV7	18446	44536	2.76%	0.246%
57	15.647	2049	2052	2057	rVB6	26898	46844	2.91%	0.259%
58	15.729	2059	2066	2073	rVB10	40246	115147	7.14%	0.636%
59	15.811	2077	2080	2084	rVB6	13926	17773	1.10%	0.098%
60	15.935	2094	2101	2113	rBV	640046	1054088	65.40%	5.818%
61	16.058	2114	2122	2129	rBV	251204	420745	26.10%	2.322%
62	16.152	2130	2138	2147	rVB2	101825	206652	12.82%	1.141%
63	16.240	2150	2153	2158	rBV7	15844	22814	1.42%	0.126%
64	16.375	2173	2176	2180	rVB6	20118	20973	1.30%	0.116%
65	16.440	2184	2187	2188	rBV3	14801	15099	0.94%	0.083%
66	16.505	2194	2198	2202	rBV6	17022	33181	2.06%	0.183%
67	16.634	2211	2220	2226	rBV	242888	434470	26.96%	2.398%
68	17.016	2279	2285	2288	rVB4	34408	66036	4.10%	0.364%
69	17.404	2349	2351	2355	rBV3	18962	18630	1.16%	0.103%
70	17.456	2355	2360	2364	rBV	112131	174077	10.80%	0.961%
71	17.697	2394	2401	2412	rVB2	406406	685415	42.52%	3.783%

LSC Area Percent Report

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Misc :
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Instrument : BNA_G
ClientSampleId : B0AZ9

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

72	17.797	2412	2418	2426	rBV	756338	1194377	74.10%	6.593%
73	18.062	2460	2463	2467	rVB5	27085	33275	2.06%	0.184%
74	18.543	2541	2545	2552	rBV	142068	216003	13.40%	1.192%
75	19.801	2755	2759	2770	rVB3	73303	106905	6.63%	0.590%
76	19.959	2783	2786	2790	rVB6	20995	30058	1.86%	0.166%
77	20.071	2798	2805	2818	rVV	990475	1544872	95.85%	8.527%
78	20.159	2818	2820	2823	rVB4	11435	9512	0.59%	0.053%
79	20.553	2883	2887	2898	rVB4	14647	40307	2.50%	0.222%
80	20.888	2941	2944	2948	rBV6	9947	12680	0.79%	0.070%
81	21.058	2971	2973	2975	rVB3	9735	9212	0.57%	0.051%
82	21.276	3007	3010	3014	rBV6	8985	13112	0.81%	0.072%
83	21.593	3059	3064	3075	rBV5	43303	100418	6.23%	0.554%
84	22.028	3130	3138	3146	rVB	446950	803554	49.85%	4.435%
85	22.703	3233	3253	3270	rBV3	185983	1192035	73.96%	6.580%
86	23.561	3397	3399	3406	rVB7	11786	22063	1.37%	0.122%
87	24.442	3542	3549	3554	rVB5	22014	48783	3.03%	0.269%
88	24.542	3562	3566	3569	rBV6	10559	17625	1.09%	0.097%
89	25.288	3682	3693	3711	rVB2	524869	1611834	100.00%	8.897%
90	25.529	3716	3734	3752	rVB2	226920	826706	51.29%	4.563%
91	26.699	3924	3933	3944	rVB3	31540	104914	6.51%	0.579%
92	27.045	3990	3992	4000	rVB9	11177	16582	1.03%	0.092%
93	28.150	4170	4180	4193	rBV6	27529	124596	7.73%	0.688%
94	29.125	4341	4346	4350	rBV8	6131	11771	0.73%	0.065%
95	29.284	4372	4373	4379	rBV6	7567	12230	0.76%	0.068%
96	29.954	4474	4487	4493	rBV10	18912	83787	5.20%	0.462%
97	30.053	4497	4504	4514	rVB10	15065	50890	3.16%	0.281%
98	30.594	4595	4596	4601	rBV5	7058	9903	0.61%	0.055%
99	32.039	4838	4842	4843	rBV4	12668	11574	0.72%	0.064%
100	32.227	4872	4874	4880	rBV7	5465	9420	0.58%	0.052%

Sum of corrected areas: 18116879

LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028523.D
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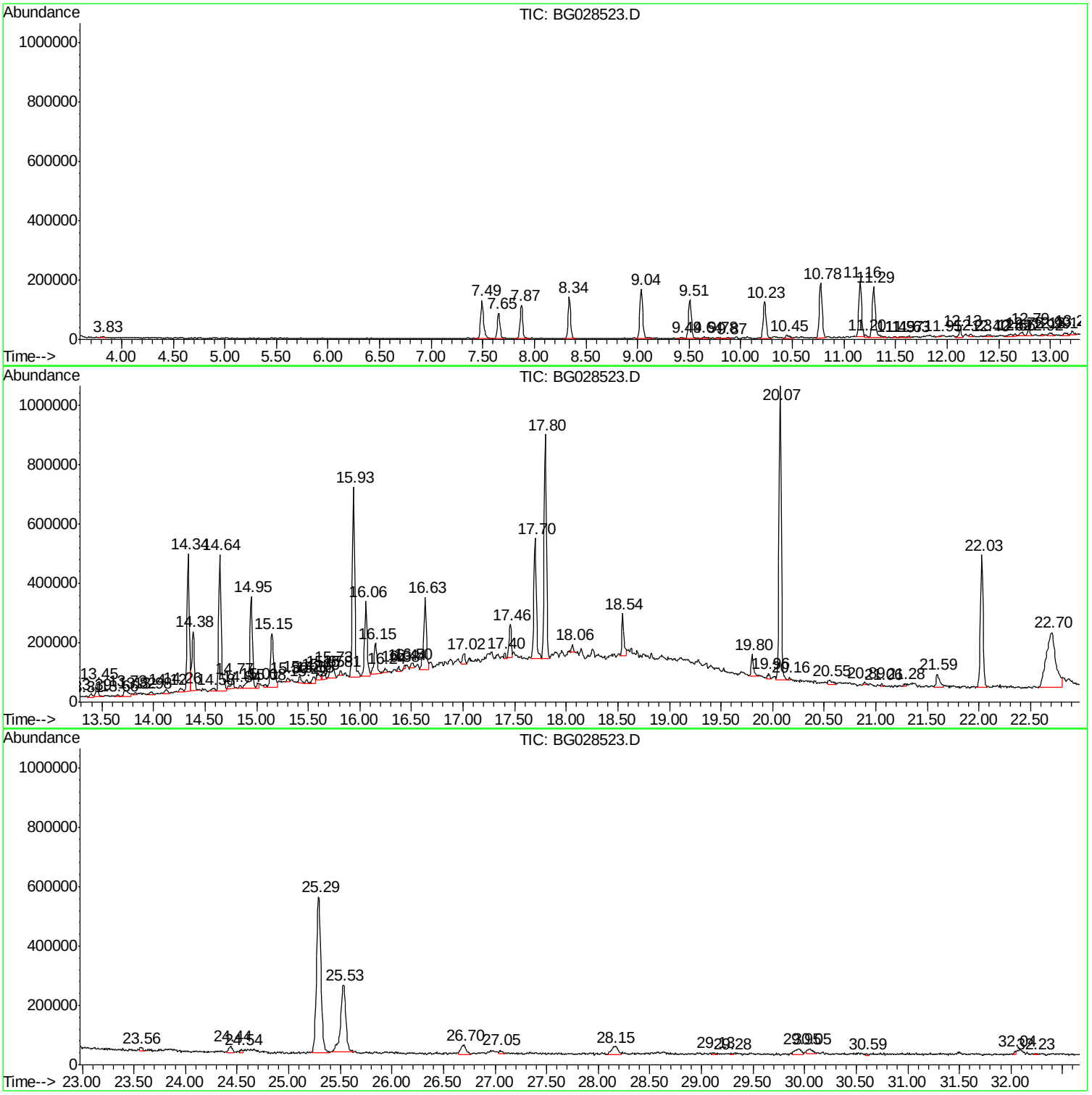
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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



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Sample : I4905-10
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080217.M
Quant Title : SVOA CALIBRATION

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

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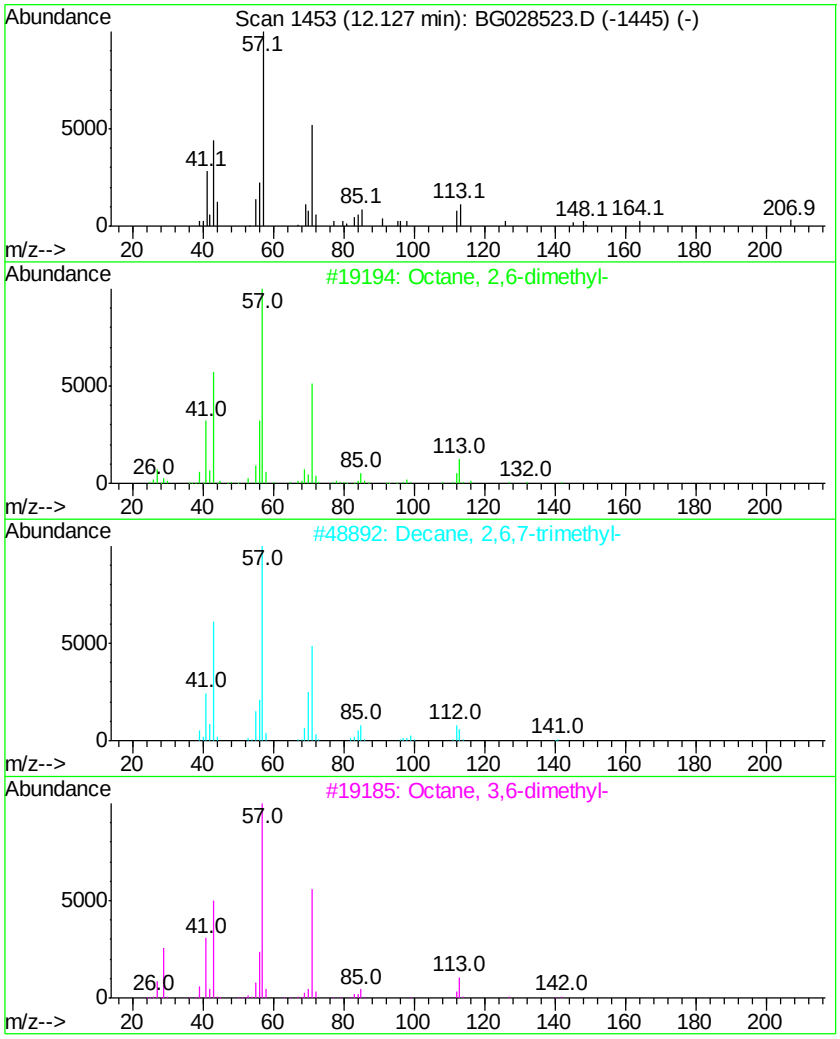
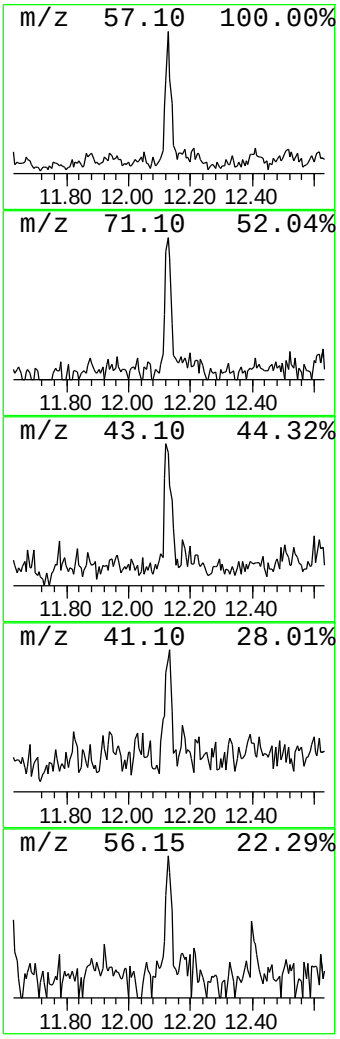
Peak Number 1 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.13	2.26 ng/ul	39679	Naphthalene-d8	11.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	78
2	Decane, 2,6,7-trimethyl-	184	C13H28	062108-25-2	78
3	Octane, 3,6-dimethyl-	142	C10H22	015869-94-0	64
4	Octane, 2,6-dimethyl-	142	C10H22	002051-30-1	64
5	Sulfurous acid, butyl octyl ester	250	C12H26O3S	1000309-17-5	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028523.D
Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

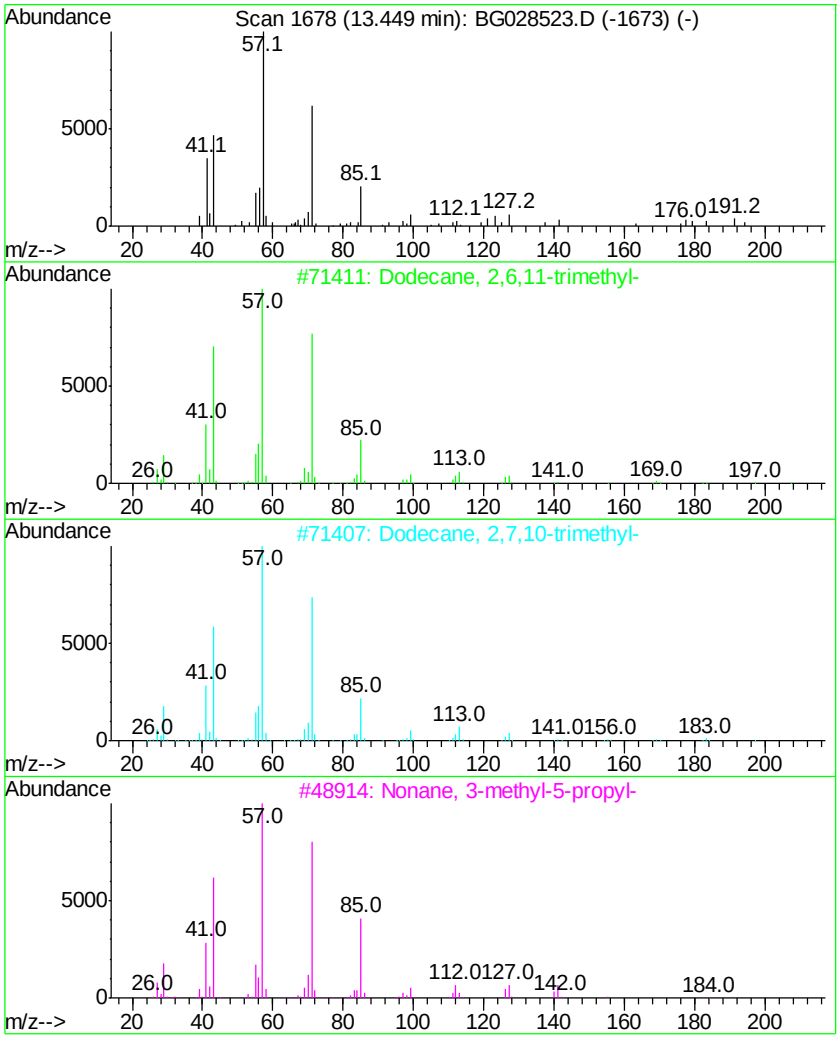
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

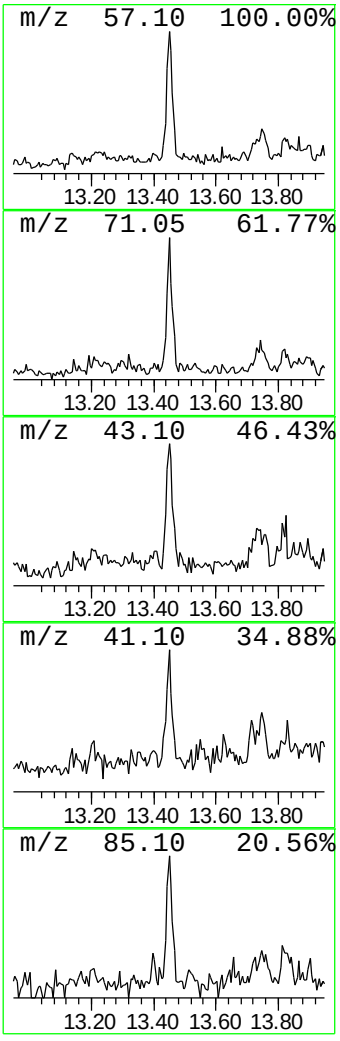
****

Peak Number 2 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.53 ng/ul	70104	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	64
2	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	53
3	Nonane, 3-methyl-5-propyl-	184	C13H28	031081-18-2	53
4	Oxalic acid, isobutyl pentyl ester	216	C11H20O4	1000309-37-0	47
5	Dodecane, 3-methyl-	184	C13H28	017312-57-1	47





Library Search Compound Report

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ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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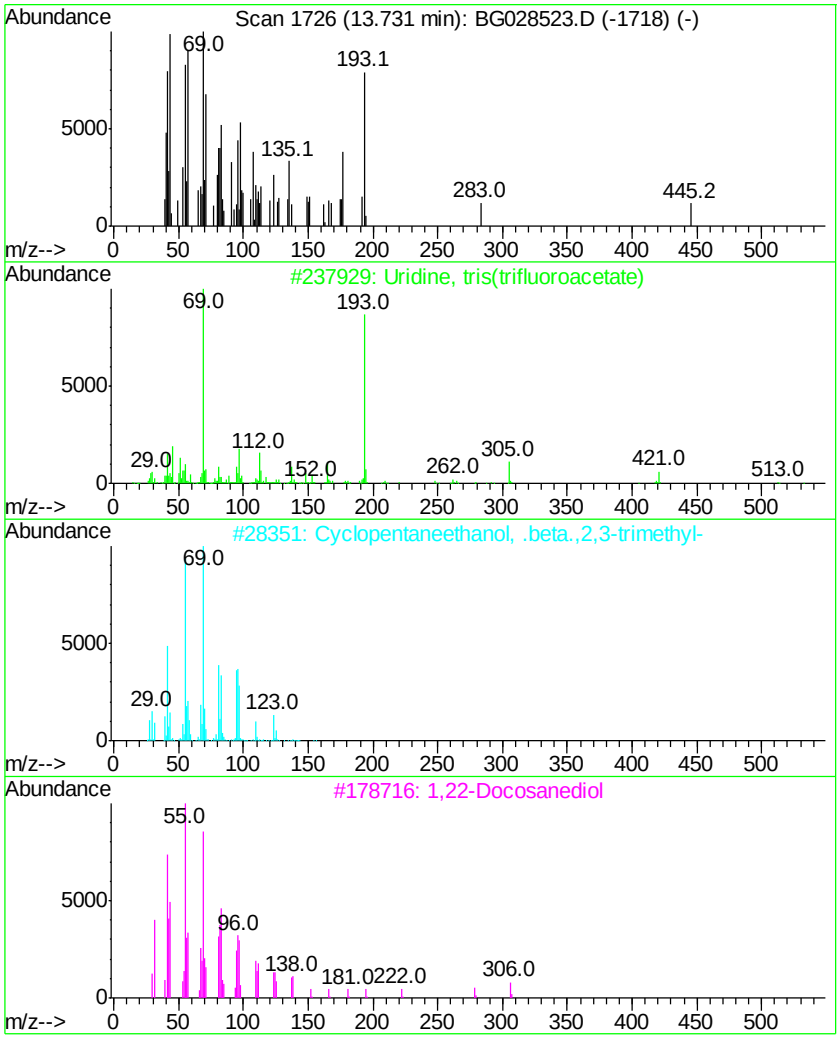
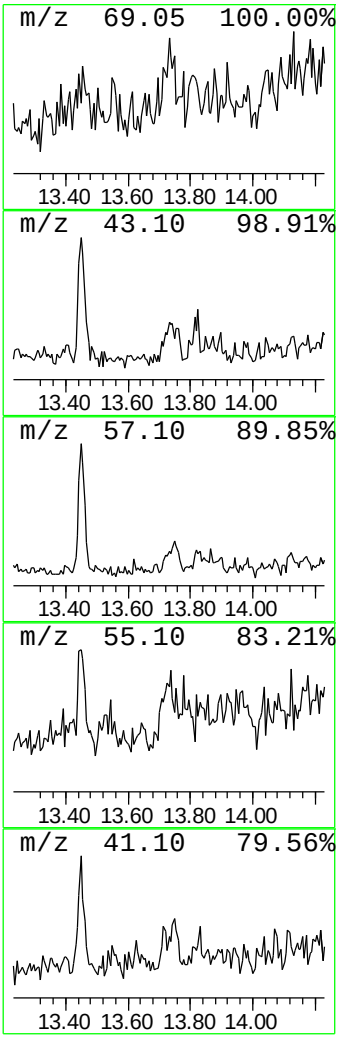
Peak Number 3 unknown-01 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.73	2.51 ng/ul	69619	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Uridine, tris(trifluoroacetate)	532	C15H9F9N2O9	1000380-30-5	35
2	Cyclopentaneethanol, .beta.,2,3-...	156	C10H20O	021721-18-6	16
3	1,22-Docosanediol	342	C22H46O2	022513-81-1	16
4	Cyclopentane, (2-methylpropyl)-	126	C9H18	003788-32-7	15
5	Cyclopentanecarboxylic acid, 3-p...	324	C21H40O2	1000280-59-1	14





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Sample : I4905-10
Misc :
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Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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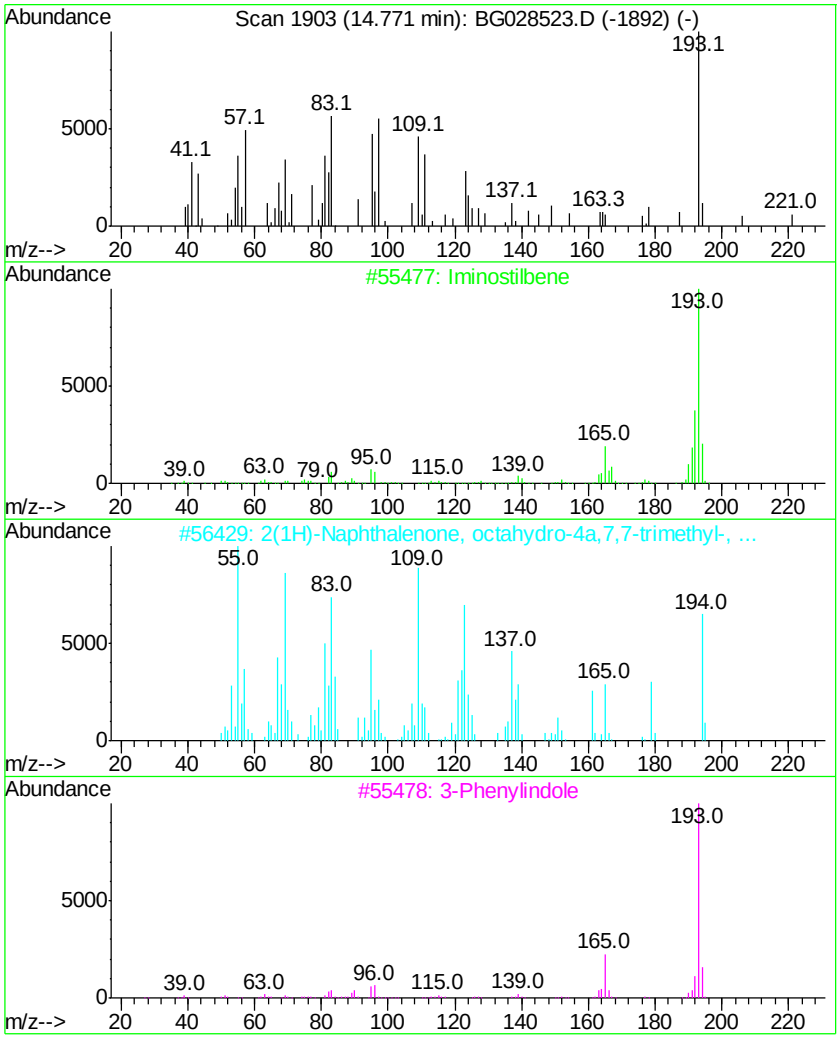
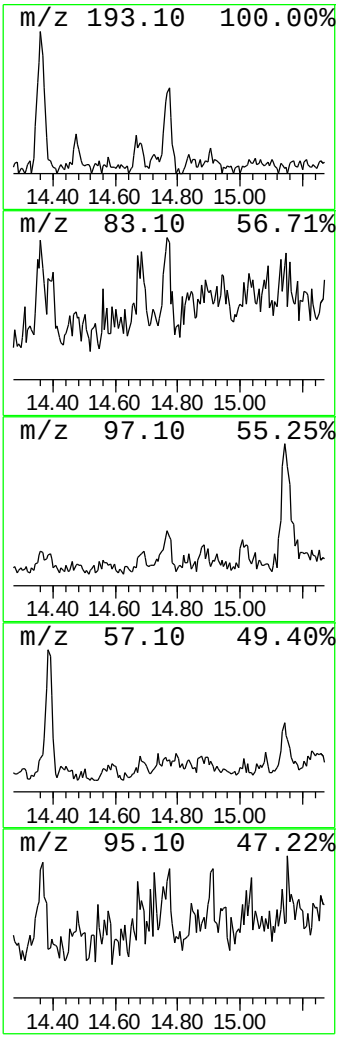
Peak Number 4 unknown-02 Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.77	2.56 ng/ul	70788	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Iminostilbene	193	C14H11N	000256-96-2	46
2	2(1H)-Naphthalenone, octahydro-4...	194	C13H22O	054699-31-9	43
3	3-Phenylindole	193	C14H11N	001504-16-1	41
4	Iminostilbene	193	C14H11N	000256-96-2	41
5	1-(2-Hydroxyethyl)-1,2,5,5-tetra...	238	C16H30O	1000298-97-4	35





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Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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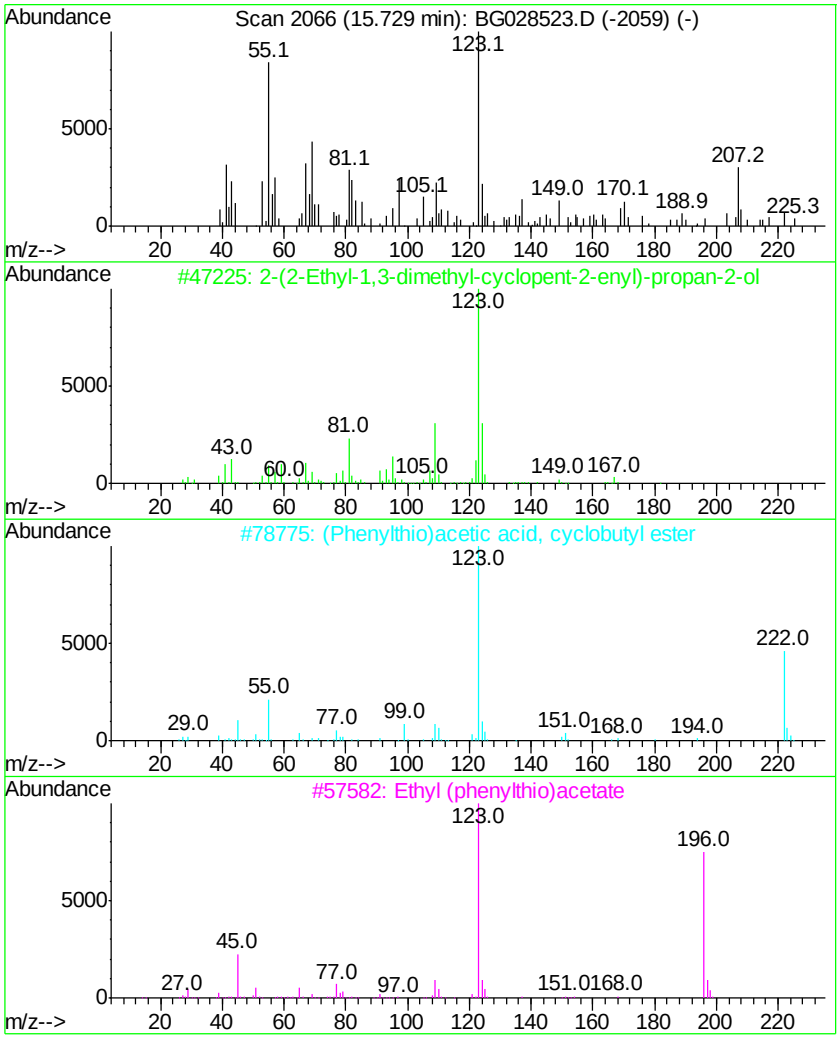
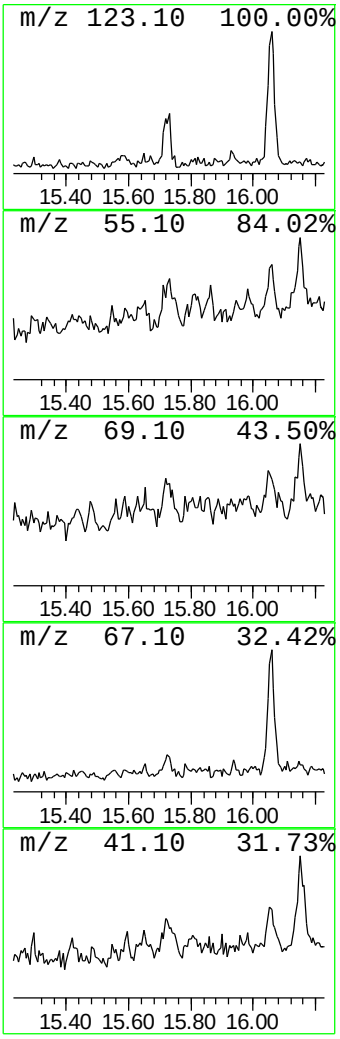
Peak Number 5 unknown-03 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.73	4.16 ng/ul	115147	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(2-Ethyl-1,3-dimethyl-cyclopen...	182	C12H22O	1000186-82-4	47
2	(Phenylthio)acetic acid, cyclobu...	222	C12H14O2S	1000299-95-5	43
3	Ethyl (phenylthio)acetate	196	C10H12O2S	007605-25-6	38
4	Pentanamide, N-(4-methoxyphenyl)-	207	C12H17NO2	1000306-89-3	38
5	(Phenylthio)acetic acid, propyl ...	210	C11H14O2S	1000308-33-7	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG082817\
Data File : BG028523.D
Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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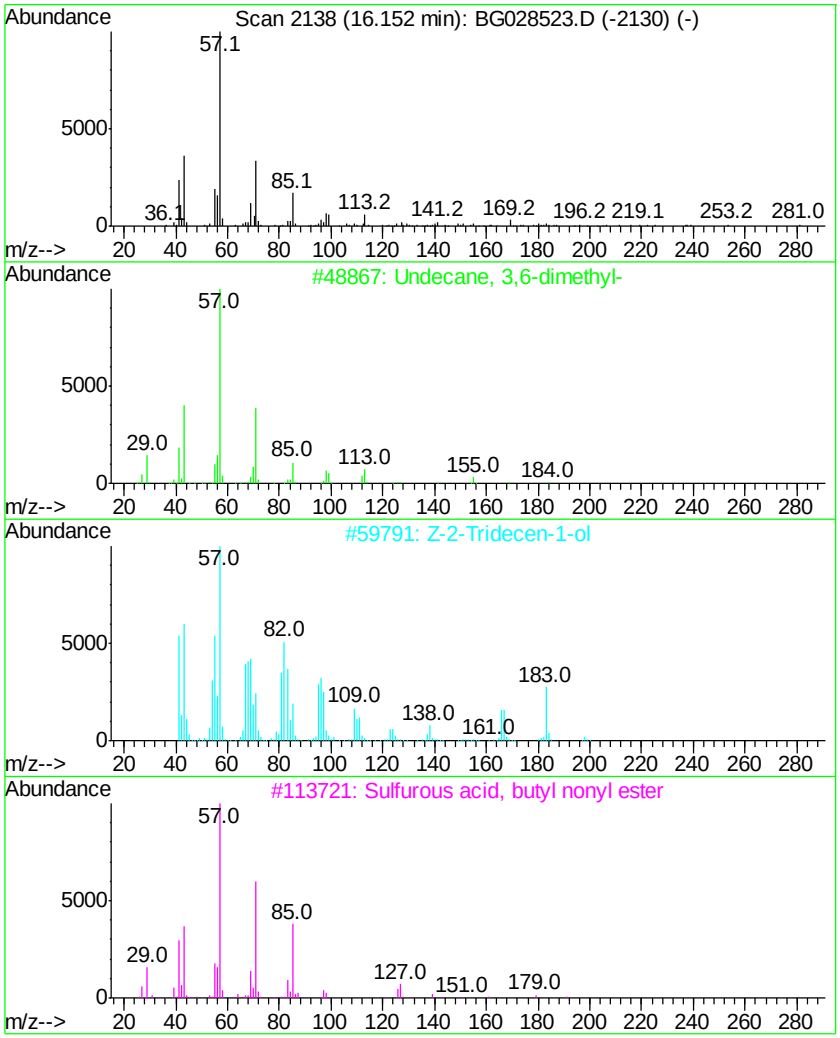
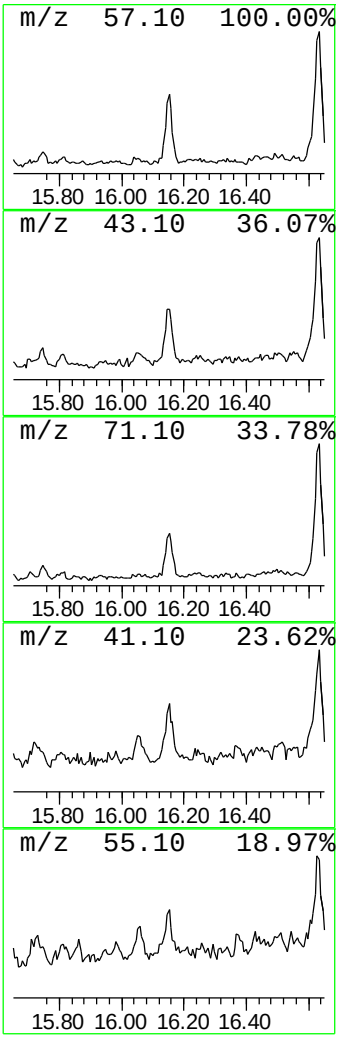
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.15	7.46 ng/ul	206652	Acenaphthene-d10	14.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane, 3,6-dimethyl-	184	C13H28	017301-28-9	87
2	Z-2-Tridecen-1-ol	198	C13H26O	1000130-75-8	64
3	Sulfurous acid, butyl nonyl ester	264	C13H28O3S	1000309-17-6	59
4	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	58
5	2-methyloctacosane	408	C29H60	1000376-72-8	53





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Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

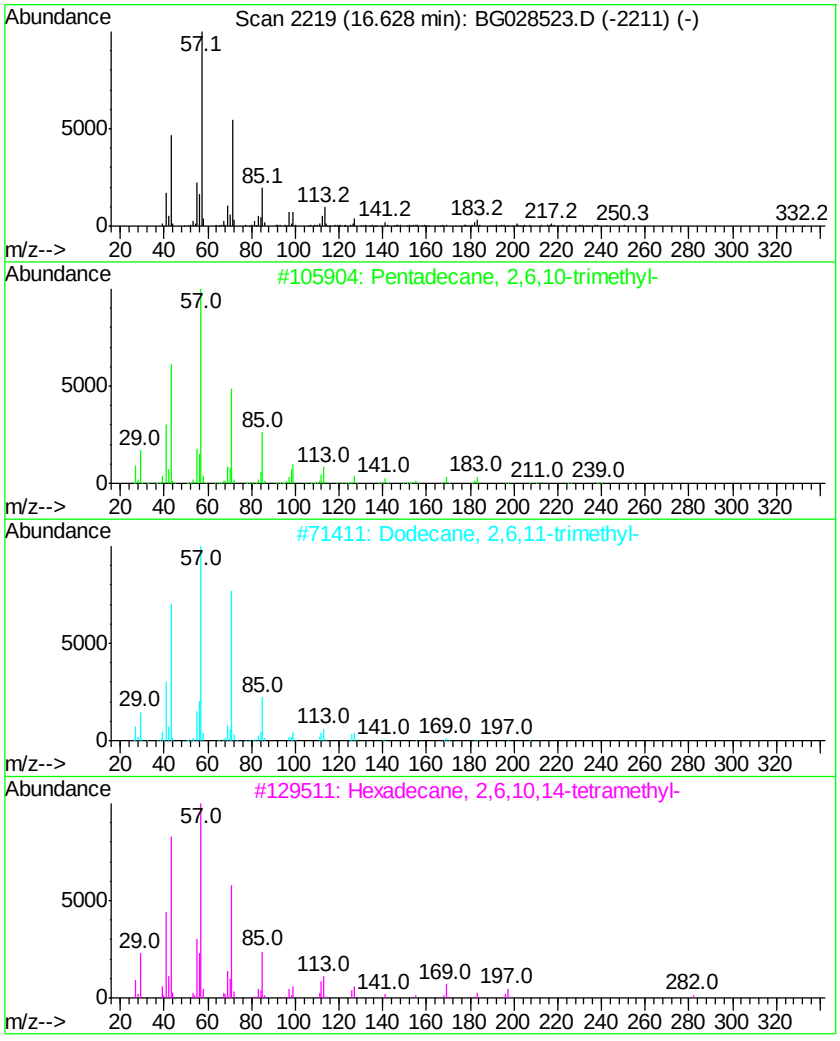
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

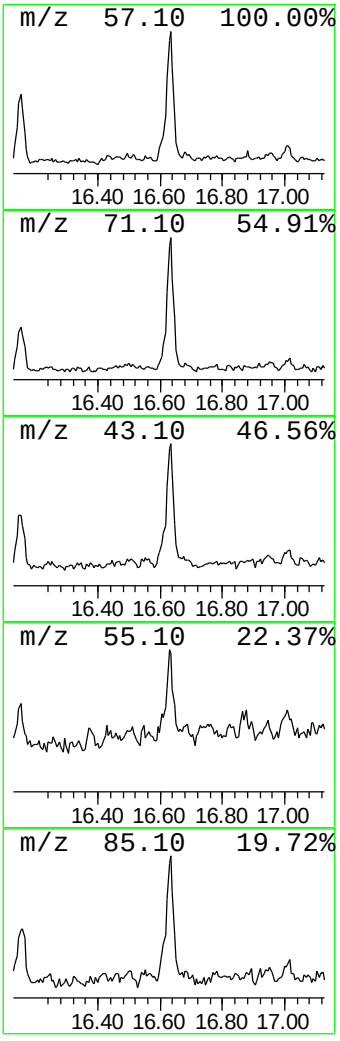
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.63	12.68 ng/ul	434470	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10-trimethyl-	254	C18H38	003892-00-0	90
2	Dodecane, 2,6,11-trimethyl-	212	C15H32	031295-56-4	86
3	Hexadecane, 2,6,10,14-tetramethyl-	282	C20H42	000638-36-8	83
4	Bacchotricuneatin c	342	C20H22O5	066563-30-2	76
5	Pentadecane, 7-methyl-	226	C16H34	006165-40-8	72





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Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

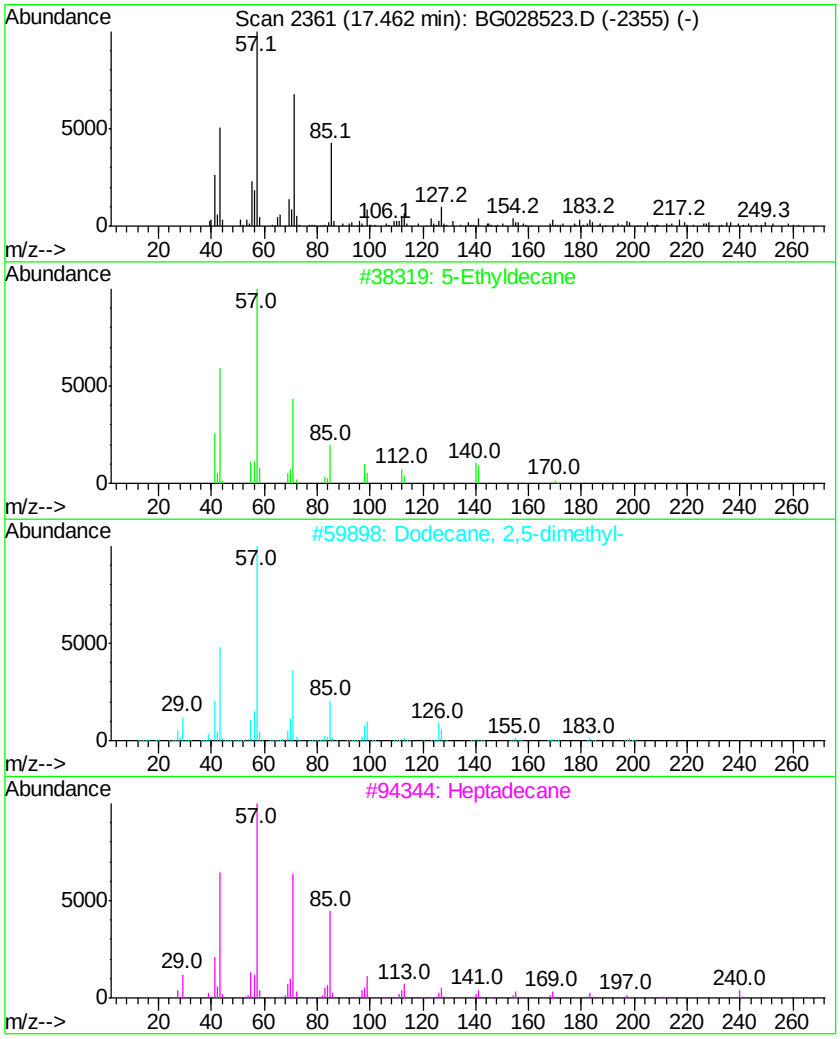
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

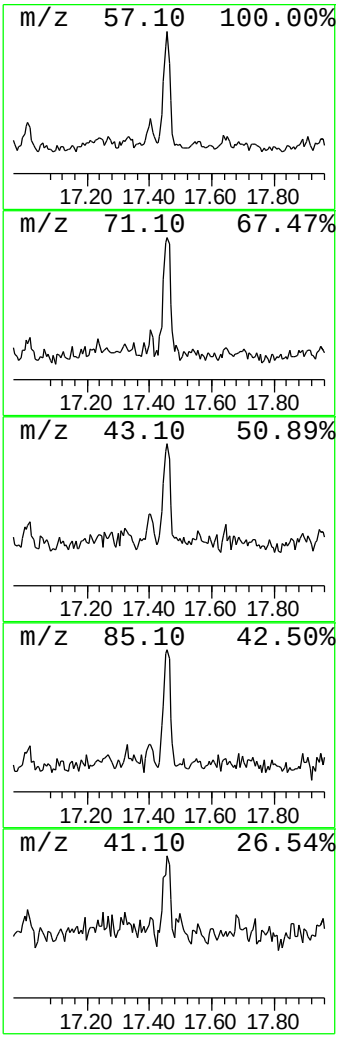
****

Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.46	5.08 ng/ul	174077	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Ethyldecane	170	C12H26	017302-36-2	80
2	Dodecane, 2,5-dimethyl-	198	C14H30	056292-65-0	80
3	Heptadecane	240	C17H36	000629-78-7	80
4	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	72
5	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	64





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Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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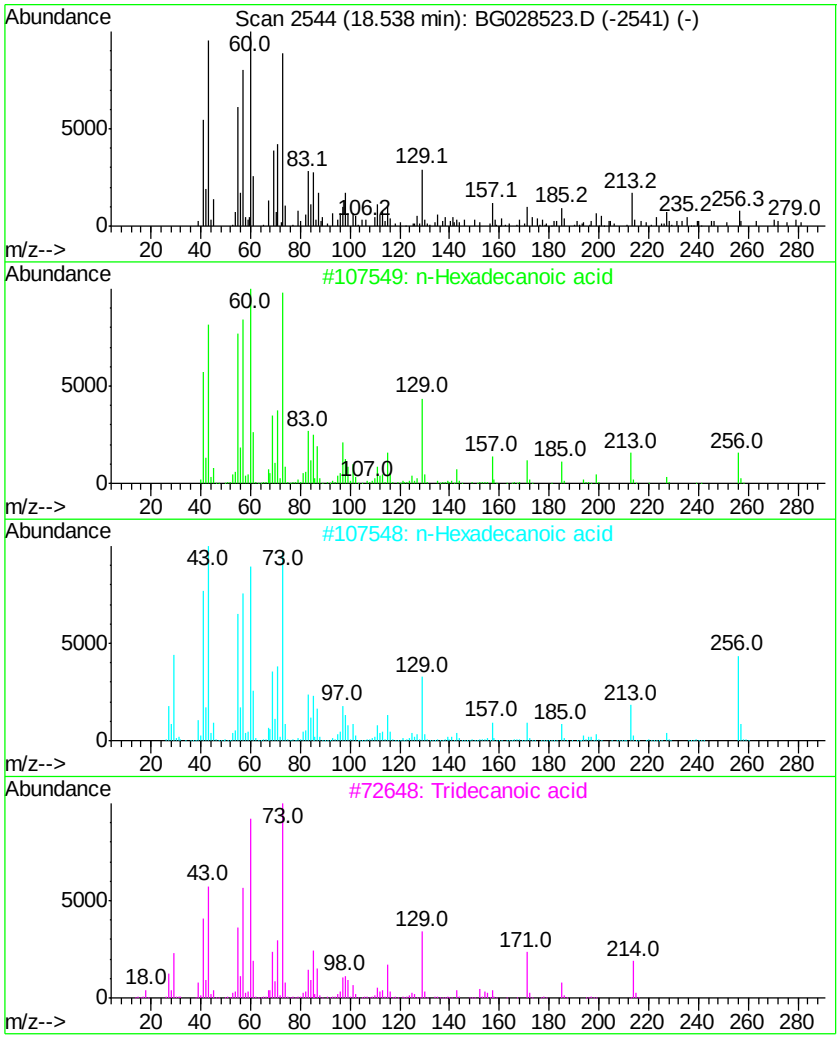
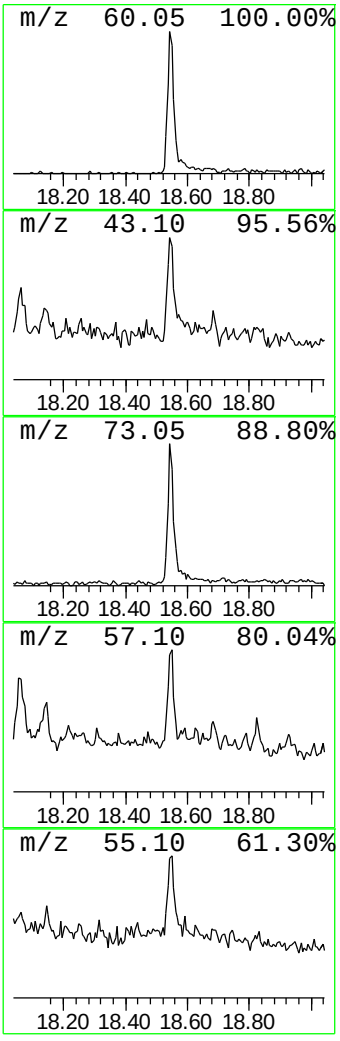
Peak Number 9 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.54	6.30 ng/ul	216003	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	76





Library Search Compound Report

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Data File : BG028523.D
Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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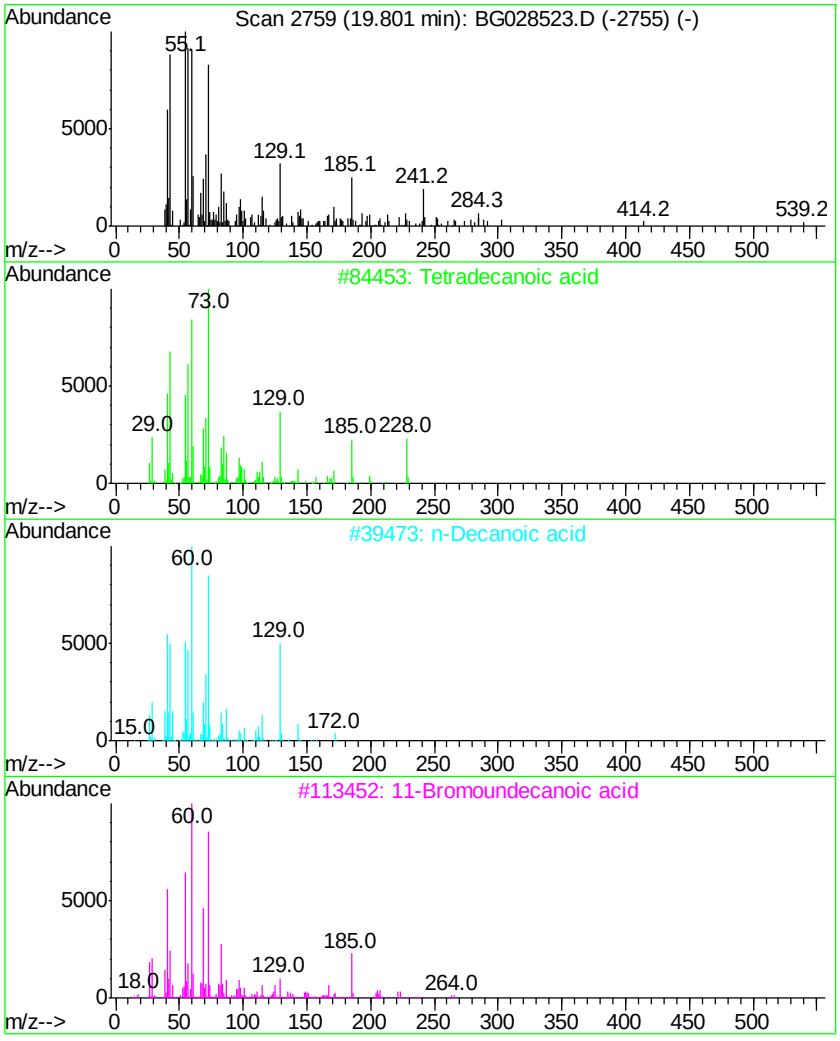
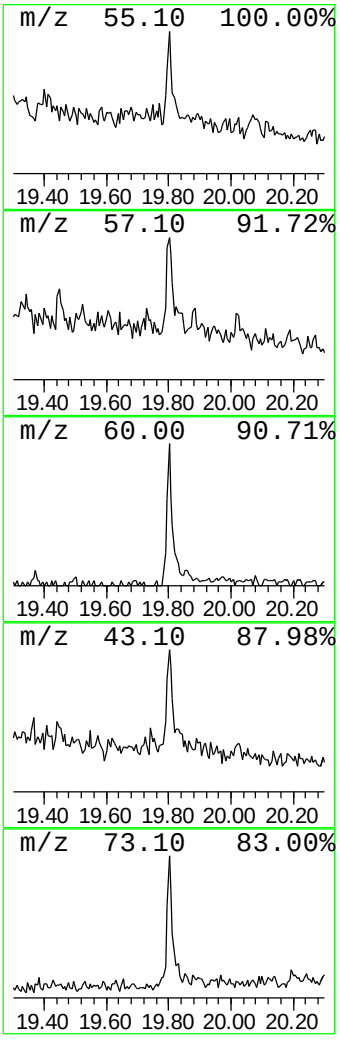
Peak Number 10 Tetradecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.80	3.12 ng/ul	106905	Phenanthrene-d10	17.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
2	n-Decanoic acid	172	C10H20O2	000334-48-5	60
3	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	Octadecanoic acid	284	C18H36O2	000057-11-4	52





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Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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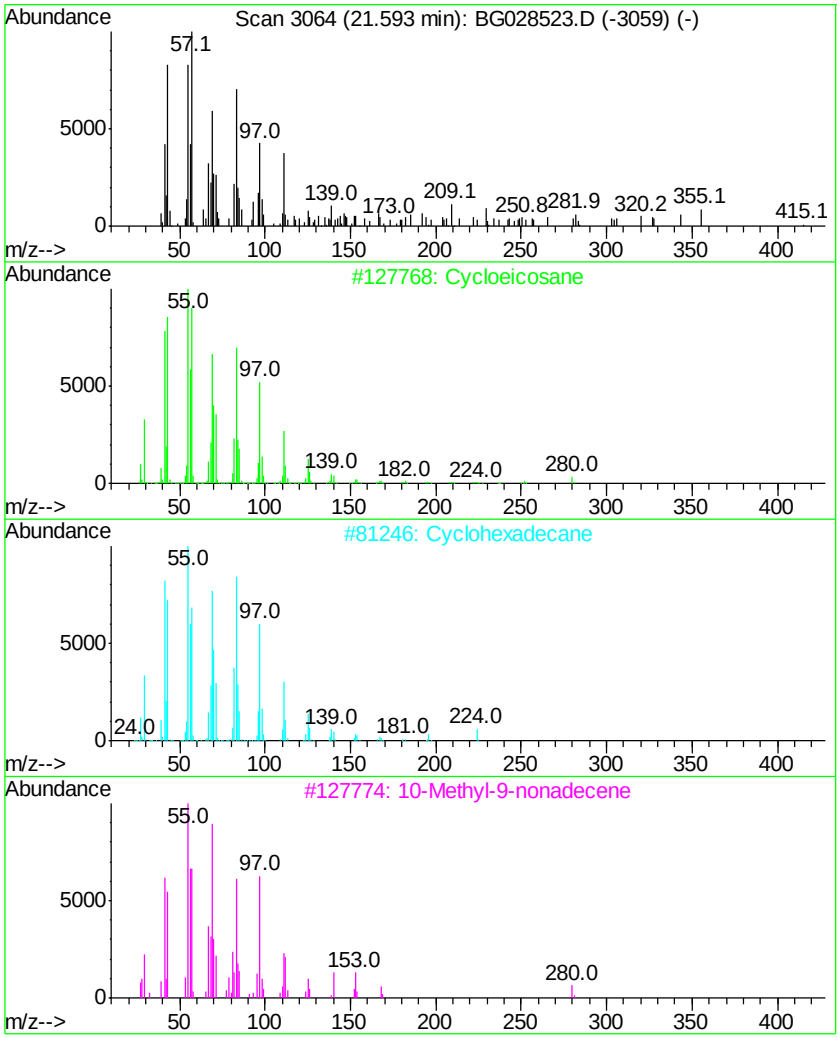
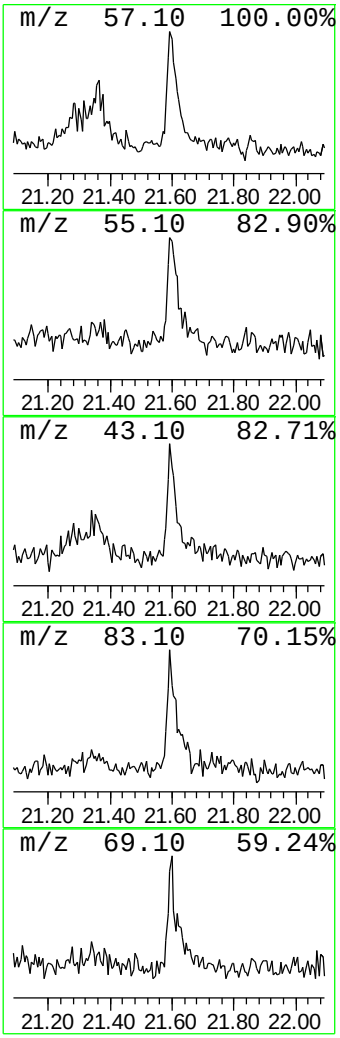
Peak Number 11 (DEL) Alkane: Cyclic21.59 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.59	2.50 ng/ul	100418	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cycloeicosane	280	C20H40	000296-56-0	95
2	Cyclohexadecane	224	C16H32	000295-65-8	93
3	10-Methyl-9-nonadecene	280	C20H40	1000114-07-5	89
4	Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	83
5	Cyclohexadecane	224	C16H32	000295-65-8	81





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Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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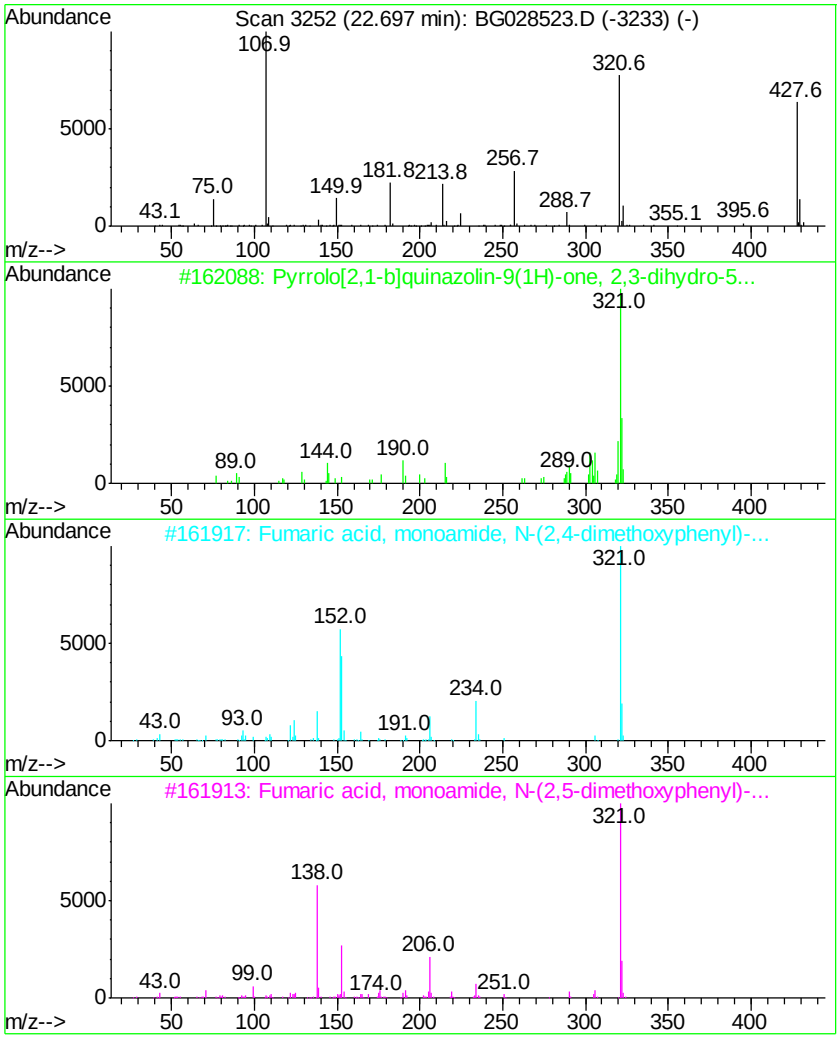
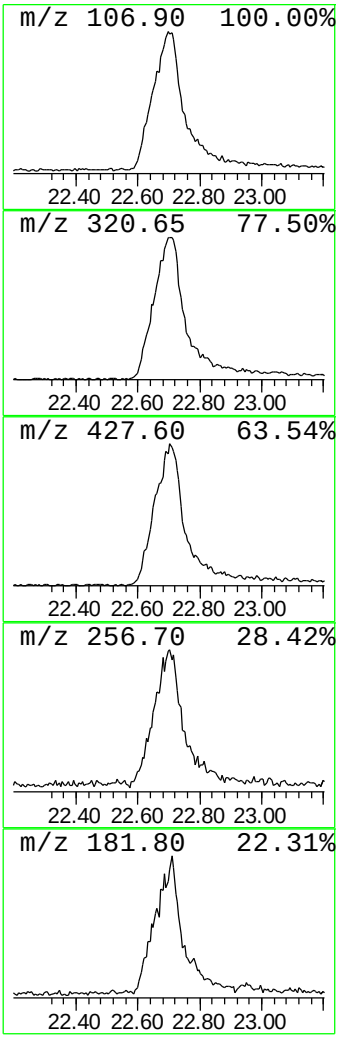
Peak Number 12 unknown-04 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.70	29.67 ng/ul	1192040	Chrysene-d12	22.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrrolo[2,1-b]quinazolin-9(1H)-o...	321	C19H19N3O2	025662-85-5	9
2	Fumaric acid, monoamide, N-(2,4-...	321	C17H23NO5	1000357-51-8	9
3	Fumaric acid, monoamide, N-(2,5-...	321	C17H23NO5	1000345-40-2	9
4	1-(4-Hydroxyphenyl)-2-(3-hydroxy...	214	C14H14O2	037116-80-6	7
5	2-(3,3-Dimethyl-oxiran-2-yl)-5-e...	193	C11H15NO2	1000194-37-5	7





Library Search Compound Report

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Instrument : BNA_G
ClientSampleId : B0AZ9

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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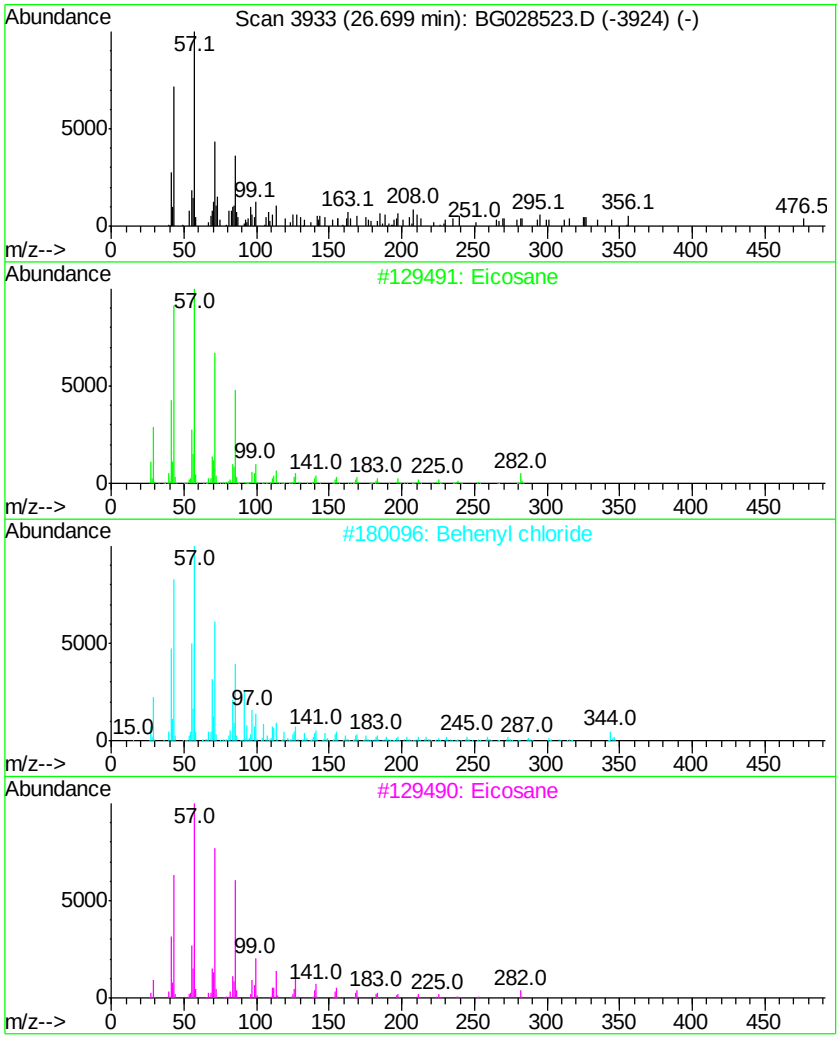
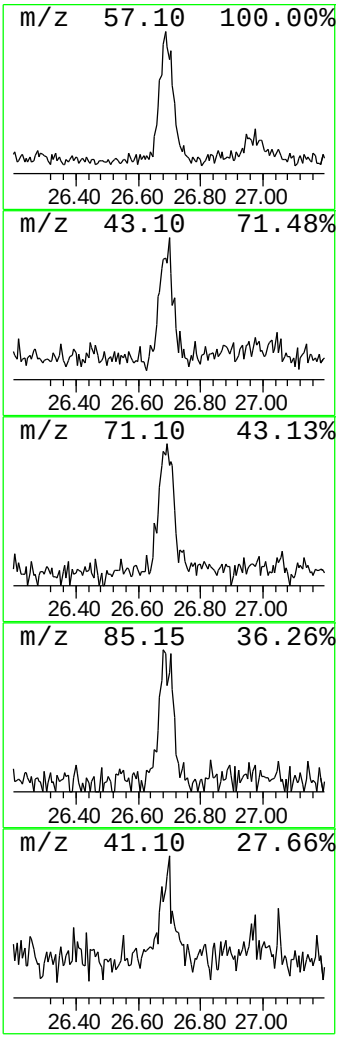
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.70	2.54 ng/ul	104914	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	95
2	Behenyl chloride	344	C22H45Cl	042217-03-8	64
3	Eicosane	282	C20H42	000112-95-8	60
4	Pentadecane, 3-methyl-	226	C16H34	002882-96-4	60
5	Undecane	156	C11H24	001120-21-4	53





Library Search Compound Report

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Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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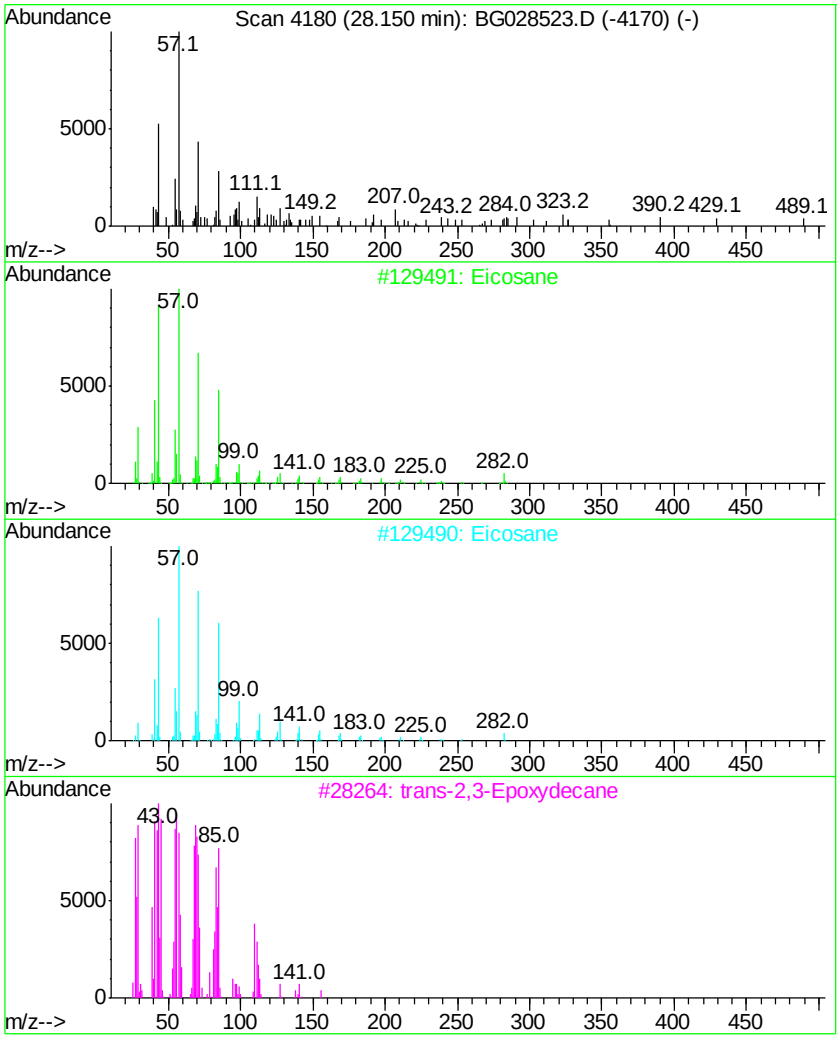
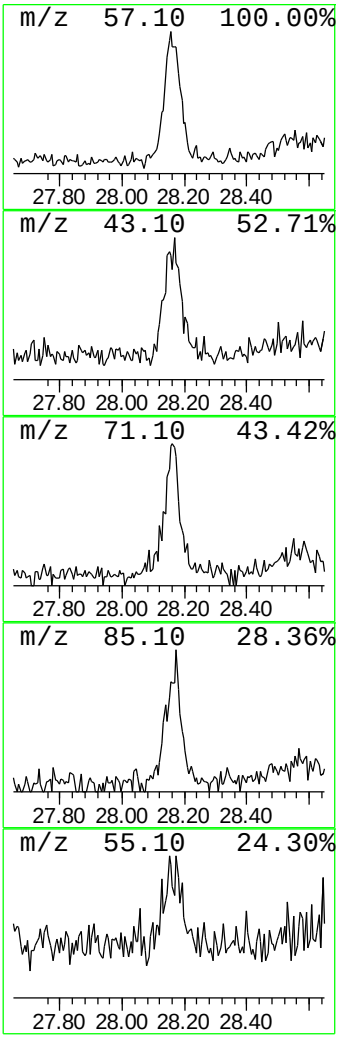
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.15	3.01 ng/ul	124596	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Eicosane	282	C20H42	000112-95-8	64
3	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	60
4	Heptacosane	380	C27H56	000593-49-7	53
5	Eicosane, 7-hexyl-	366	C26H54	055333-99-8	52





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Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

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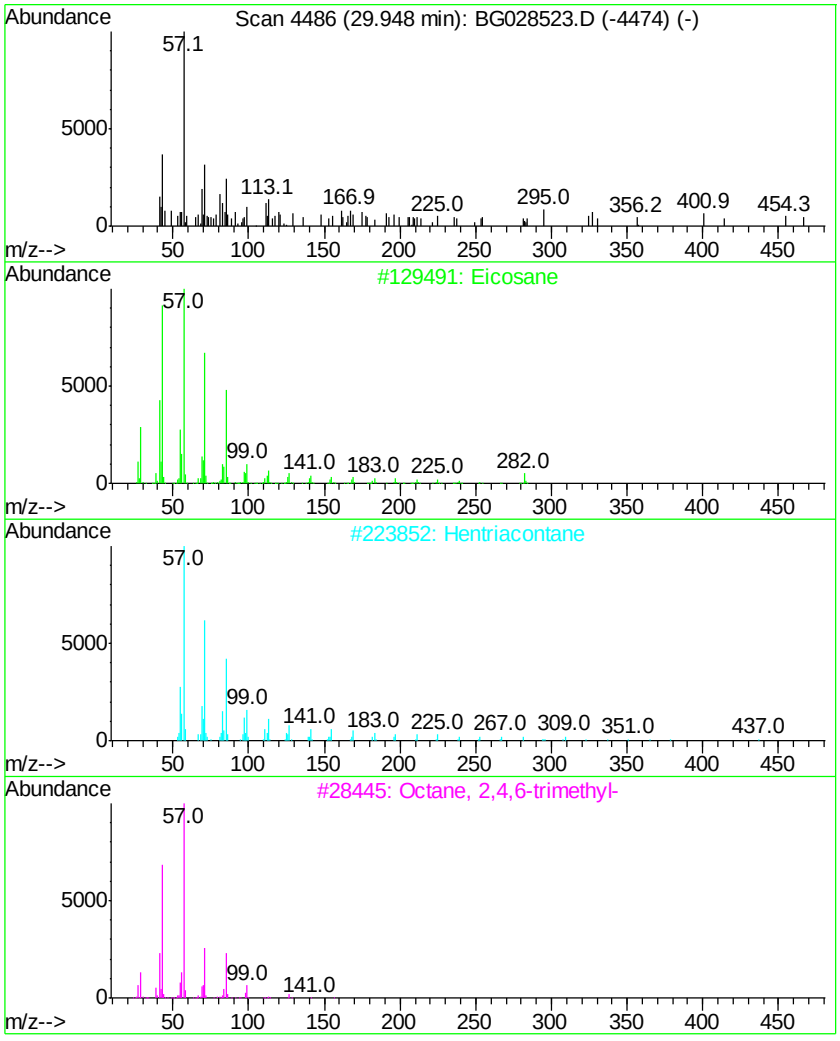
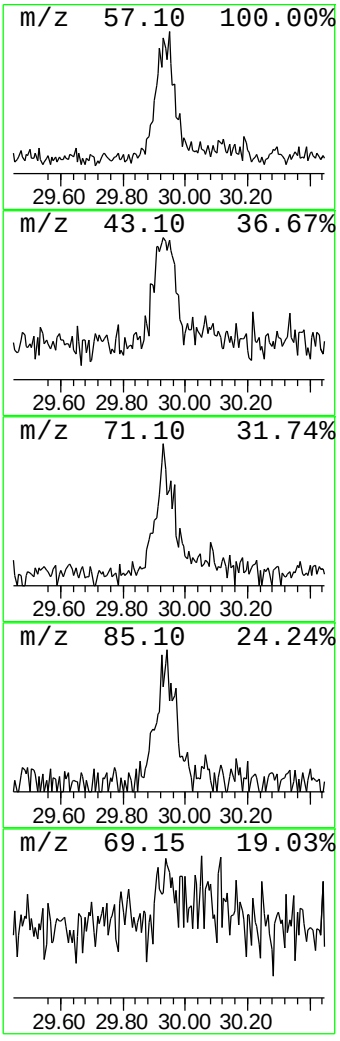
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.95	2.03 ng/ul	83787	Perylene-d12	25.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	43
2	Hentriacontane	437	C31H64	000630-04-6	43
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	38
4	Tritetracontane	605	C43H88	007098-21-7	38
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG082817\
Data File : BG028523.D
Acq On : 28 Aug 2017 17:54
Operator : SJ/JU
Sample : I4905-10
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B0AZ9

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

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Str...	12.13	2.3	ng/ul	39679	2	11.16	350467	20.0
(DEL) Alkane: Str...	13.45	2.5	ng/ul	70104	3	14.95	554105	20.0
unknown-01	13.73	2.5	ng/ul	69619	3	14.95	554105	20.0
unknown-02	14.77	2.6	ng/ul	70788	3	14.95	554105	20.0
unknown-03	15.73	4.2	ng/ul	115147	3	14.95	554105	20.0
(DEL) Alkane: Str...	16.15	7.5	ng/ul	206652	3	14.95	554105	20.0
(DEL) Alkane: Str...	16.63	12.7	ng/ul	434470	4	17.70	685415	20.0
(DEL) Alkane: Str...	17.46	5.1	ng/ul	174077	4	17.70	685415	20.0
n-Hexadecanoic acid	18.54	6.3	ng/ul	216003	4	17.70	685415	20.0
Tetradecanoic acid	19.80	3.1	ng/ul	106905	4	17.70	685415	20.0
(DEL) Alkane: Cyc...	21.59	2.5	ng/ul	100418	5	22.03	803554	20.0
unknown-04	22.70	29.7	ng/ul	1192040	5	22.03	803554	20.0
(DEL) Alkane: Str...	26.70	2.5	ng/ul	104914	6	25.53	826706	20.0
(DEL) Alkane: Str...	28.15	3.0	ng/ul	124596	6	25.53	826706	20.0
(DEL) Alkane: Str...	29.95	2.0	ng/ul	83787	6	25.53	826706	20.0