LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

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\SOM02.2-EPA-BG113016.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	3.164	52	55	62	rVB4	25407	39634	0.97%	0.070%
2	3.605	124	130	135	rVB5	18702	34221	0.84%	0.061%
3	4.698	306	316	326	rBV7	19326	51741	1.27%	0.092%
4	5.979	524	534	545	rBV5	51535	105657	2.60%	0.187%
5	7.383	756	773	791	rVB4	323381	768383	18.90%	1.362%
6	7.553	795	802	817	rBV	236273	433966	10.68%	0.769%
7	7.771	830	839	846	rBV	317545	582827	14.34%	1.033%
8	7.871	847	856	861	rVB10	18737	42784	1.05%	0.076%
9	8.241	913	919	933	rVB2	342387	634848	15.62%	1.125%
10	8.670	986	992	1000	rVB9	22081	47088	1.16%	0.083%
11	8.934	1030	1037	1045	rVV3	322296	619013	15.23%	1.097%
12	9.005	1045	1049	1054	rVB8	23871	44141	1.09%	0.078%
13	9.069	1055	1060	1067	rVB3	39350	76911	1.89%	0.136%
14	9.339	1099	1106	1112	rBV3	48506	95745	2.36%	0.170%
15	9.416	1112	1119	1127	rVB2	341153	629213	15.48%	1.115%
16	9.663	1155	1161	1166	rBV8	14280	30020	0.74%	0.053%
17	10.144	1232	1243	1251	rBV2	298641	594158	14.62%	1.053%
18	10.221	1251	1256	1266	rVV8	29323	77718	1.91%	0.138%
19	10.485	1292	1301	1314	rVB8	16643	71706	1.76%	0.127%
20	10.679	1327	1334	1342	rVB2	443473	785584	19.33%	1.392%
21	10.961	1377	1382	1386	rBV7	26575	56698	1.39%	0.100%
22	11.067	1392	1400	1408	rBV	467710	890052	21.89%	1.577%
23	11.202	1416	1423	1434	rBV2	113470	243918	6.00%	0.432%
24	11.413	1455	1459	1466	rBV10	18619	51243	1.26%	0.091%
25	11.578	1483	1487	1495	rBV9	19401	36286	0.89%	0.064%
26	12.207	1589	1594	1605	rBV3	45829	91152	2.24%	0.162%
27	12.424	1627	1631	1638	rVB2	68111	99597	2.45%	0.177%
28	12.630	1663	1666	1673	rVB8	15224	32735	0.81%	0.058%
29	12.706	1673	1679	1684	rBV3	50695	111749	2.75%	0.198%
30	12.859	1696	1705	1710	rBV3	30987	86905	2.14%	0.154%
31	12.918	1710	1715	1721	rVV3	54545	93228	2.29%	0.165%
32	13.047	1733	1737	1741	rBV7	29572	45110	1.11%	0.080%
33	13.111	1742	1748	1754	rVB9	22574	52757	1.30%	0.094%
34	13.217	1761	1766	1770	rVB8	19040	34624	0.85%	0.061%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

35	13.364	1785	1791	1794	rVB7	34470	68136	1.68%	0.121%
36	13.558	1820	1824	1833	rBV10	40517	84053	2.07%	0.149%
37	13.646	1833	1839	1844	rVV2	169278	247395	6.09%	0.438%
38	13.899	1877	1882	1892	rBV2	27917	80157	1.97%	0.142%
39	14.040	1898	1906	1913	rVB2	34598	82710	2.03%	0.147%
40	14.175	1924	1929	1934	rBV4	153414	288370	7.09%	0.511%
41	14.251	1935	1942	1947	rVV	893931	1427473	35.12%	2.530%
42	14.298	1947	1950	1962	rVB	221001	386534	9.51%	0.685%
43	14.416	1966	1970	1972	rBV4	29208	39931	0.98%	0.071%
44	14.557	1988	1994	2004	rVB	831304	1447260	35.60%	2.565%
45	14.639	2004	2008	2011	rBV5	36769	46042	1.13%	0.082%
46	14.710	2015	2020	2025	rVB2	232512	309812	7.62%	0.549%
47	14.862	2034	2046	2059	rBV	787571	1536819	37.81%	2.724%
48	15.044	2071	2077	2089	rBV2	299854	642300	15.80%	1.138%
49	15.244	2102	2111	2119	rVB2	57731	160990	3.96%	0.285%
50	15.321	2120	2124	2129	rBV7	37816	61270	1.51%	0.109%
51	15.468	2143	2149	2153	rBV5	66419	121758	3.00%	0.216%
52	15.614	2167	2174	2177	rBV5	90754	209514	5.15%	0.371%
53	15.656	2177	2181	2189	rVB	320991	430254	10.58%	0.763%
54	15.849	2207	2214	2226	rVB	1188468	1905945	46.89%	3.378%
55	15.961	2227	2233	2241	rVB2	447199	699462	17.21%	1.240%
56	16.055	2246	2249	2253	rBV4	48713	59074	1.45%	0.105%
57	16.278	2283	2287	2293	rVB6	79037	126991	3.12%	0.225%
58	16.460	2316	2318	2322	rVB4	82191	99325	2.44%	0.176%
59	16.513	2322	2327	2339	rBV2	367635	762266	18.75%	1.351%
60	16.737	2361	2365	2369	rVB6	124378	160807	3.96%	0.285%
61	16.872	2384	2388	2397	rVB3	95016	196472	4.83%	0.348%
62	17.130	2429	2432	2436	rVB6	47842	60910	1.50%	0.108%
63	17.260	2450	2454	2457	rBV4	98074	159927	3.93%	0.283%
64	17.307	2457	2462	2466	rVB	407493	506182	12.45%	0.897%
65	17.448	2482	2486	2492	rVB7	106672	160737	3.95%	0.285%
66	17.512	2494	2497	2503	rBV8	50602	85875	2.11%	0.152%
67	17.606	2505	2513	2518	rBV	1181650	1900319	46.75%	3.368%
68	17.700	2523	2529	2539	rVB2	1335100	2176543	53.54%	3.858%
69	18.000	2577	2580	2583	rBV4	83792	109556	2.70%	0.194%
70	18.041	2583	2587	2596	rVB	372778	565882	13.92%	1.003%
71	18.335	2633	2637	2642	rVB6	79193	107040	2.63%	0.190%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

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\SOM02.2-EPA-BG113016.M
Title : SVOA CALIBRATION

72	18.394	2643	2647	2650	rVV6	47676	68319	1.68%	0.121%
73	18.446	2652	2656	2664	rBV3	292011	440926	10.85%	0.781%
74	18.664	2688	2693	2695	rBV5	55501	106399	2.62%	0.189%
75	18.693	2695	2698	2700	rVV3	131305	151811	3.73%	0.269%
76	18.728	2700	2704	2710	rVB	393545	483251	11.89%	0.856%
77	19.316	2802	2804	2806	rBV3	57169	58333	1.43%	0.103%
78	19.351	2806	2810	2818	rVB2	370159	503157	12.38%	0.892%
79	19.522	2834	2839	2844	rBV4	88954	162590	4.00%	0.288%
80	19.639	2854	2859	2864	rVB	764288	1107094	27.23%	1.962%
81	19.704	2867	2870	2873	rBV5	81728	97826	2.41%	0.173%
82	19.921	2899	2907	2910	rBV2	297963	463106	11.39%	0.821%
83	19.974	2910	2916	2926	rVB2	1878484	4065117	100.00%	7.205%
84	20.450	2990	2997	3009	rBV4	433658	897776	22.08%	1.591%
85	20.785	3050	3054	3058	rBV2	137699	226691	5.58%	0.402%
86	20.967	3079	3085	3093	rVB2	496075	1054878	25.95%	1.870%
87	21.267	3131	3136	3142	rBV	201506	363542	8.94%	0.644%
88	21.466	3164	3170	3180	rVB4	373860	870259	21.41%	1.542%
89	21.549	3181	3184	3190	rBV3	131523	247468	6.09%	0.439%
90	21.895	3234	3243	3248	rBV2	1607120	3688100	90.73%	6.537%
91	21.942	3249	3251	3259	rVB	705848	1046974	25.76%	1.856%
92	24.222	3629	3639	3647	rBV2	1068044	3692856	90.84%	6.545%
93	24.998	3762	3771	3776	rBV2	511879	1479721	36.40%	2.623%
94	25.080	3777	3785	3791	rVV2	790169	2003073	49.27%	3.550%
95	25.150	3792	3797	3805	rVB2	434620	1126458	27.71%	1.996%
96	25.315	3816	3825	3833	rBV	737280	2019871	49.69%	3.580%
97	26.425	4006	4014	4027	rVB2	313294	974518	23.97%	1.727%
98	29.222	4478	4490	4515	rVB3	376083	2032797	50.01%	3.603%
99	29.580	4544	4551	4562	rVB4	131722	478229	11.76%	0.848%
100	30.456	4691	4700	4720	rVB2	282249	1305223	32.11%	2.313%

Sum of corrected areas: 56421866

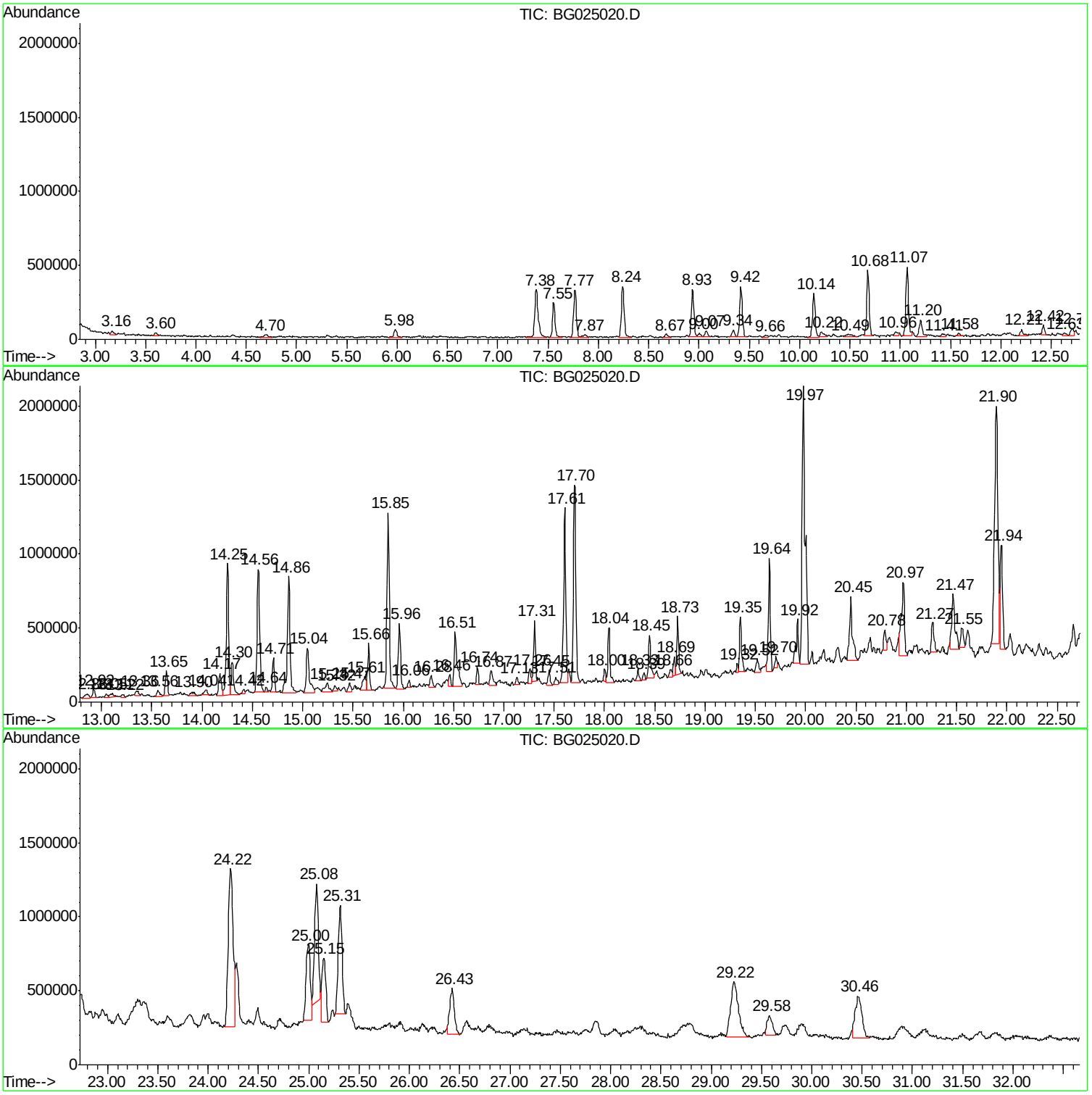
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

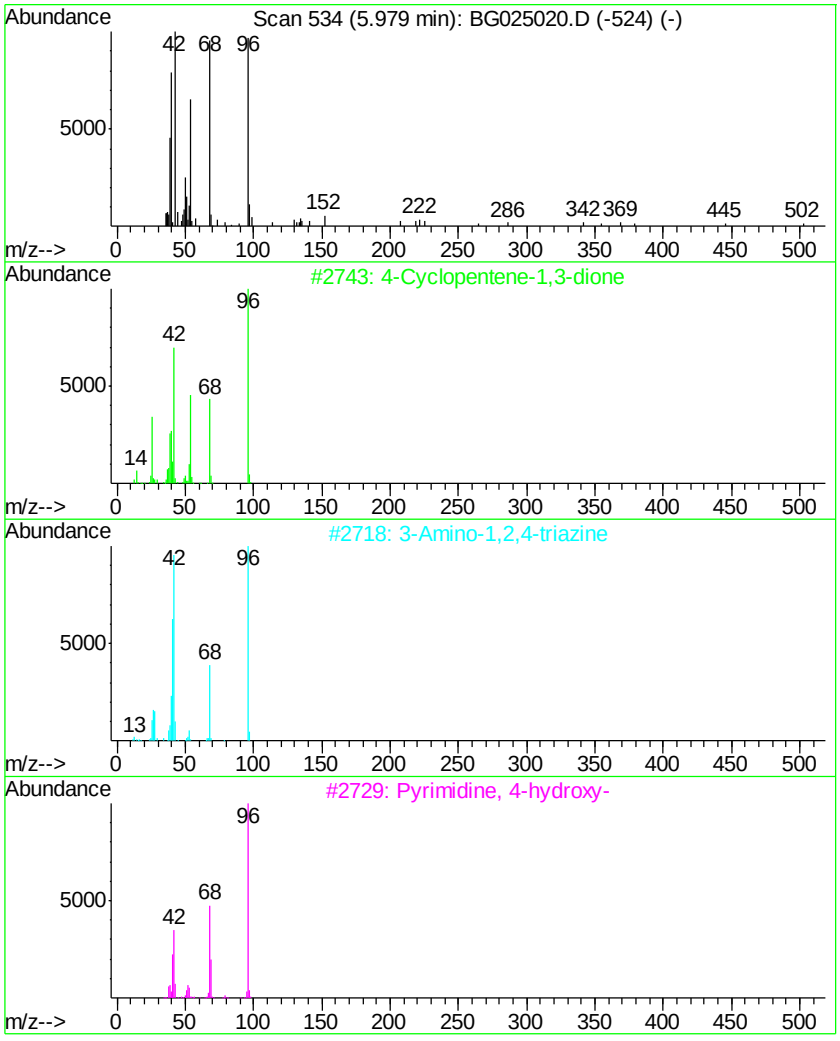
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

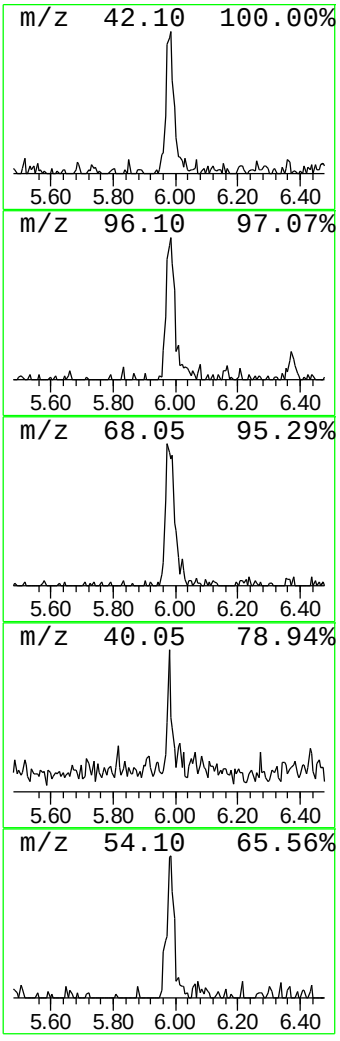
****

Peak Number 1 4-Cyclopentene-1,3-dione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	3.33 ng/ul	105657	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Cyclopentene-1,3-dione	96	C5H4O2	000930-60-9	64
2	3-Amino-1,2,4-triazine	96	C3H4N4	001120-99-6	59
3	Pyrimidine, 4-hydroxy-	96	C4H4N2O	051953-18-5	50
4	Isobutyronitrile	69	C4H7N	000078-82-0	50
5	1H-Imidazole, 2,4-dimethyl-	96	C5H8N2	000930-62-1	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

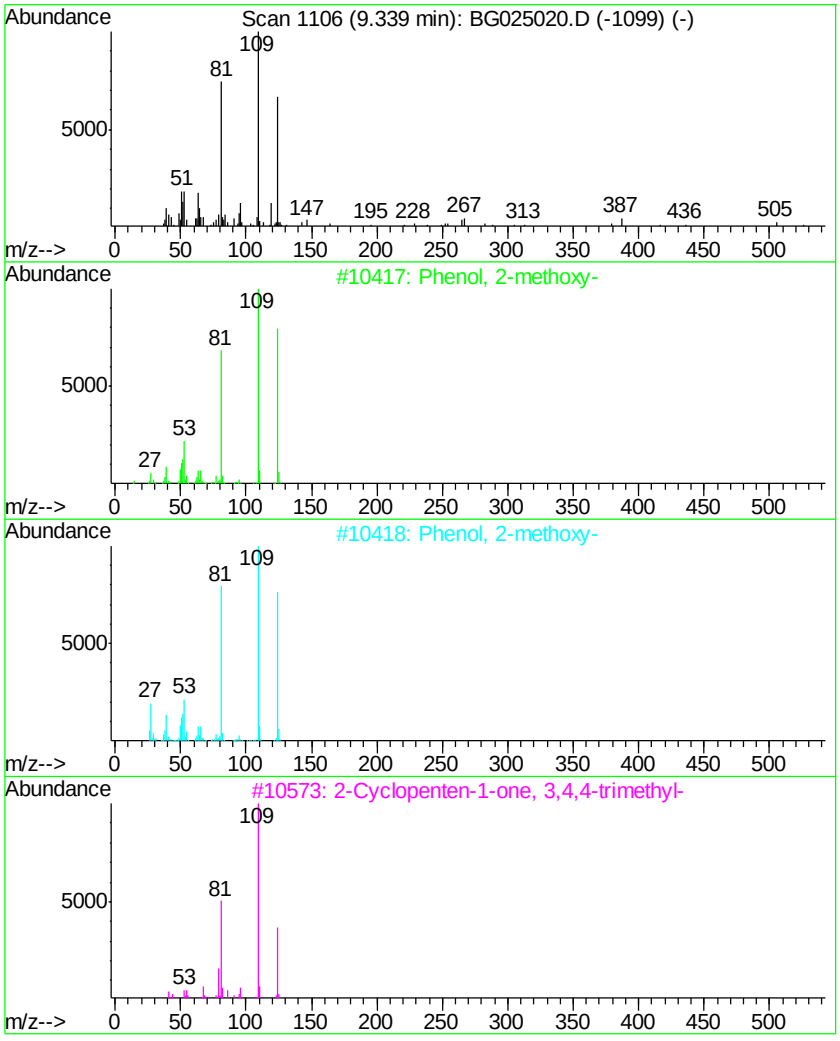
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

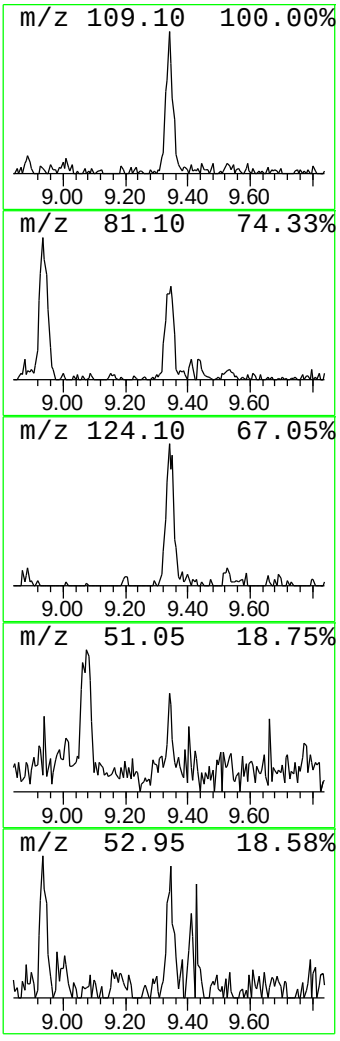
****

Peak Number 2 Phenol, 2-methoxy- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	3.02 ng/ul	95745	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	87
2	Phenol, 2-methoxy-	124	C7H8O2	000090-05-1	86
3	2-Cyclopenten-1-one, 3,4,4-trime...	124	C8H12O	030434-65-2	78
4	Mequinol	124	C7H8O2	000150-76-5	78
5	Mequinol	124	C7H8O2	000150-76-5	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

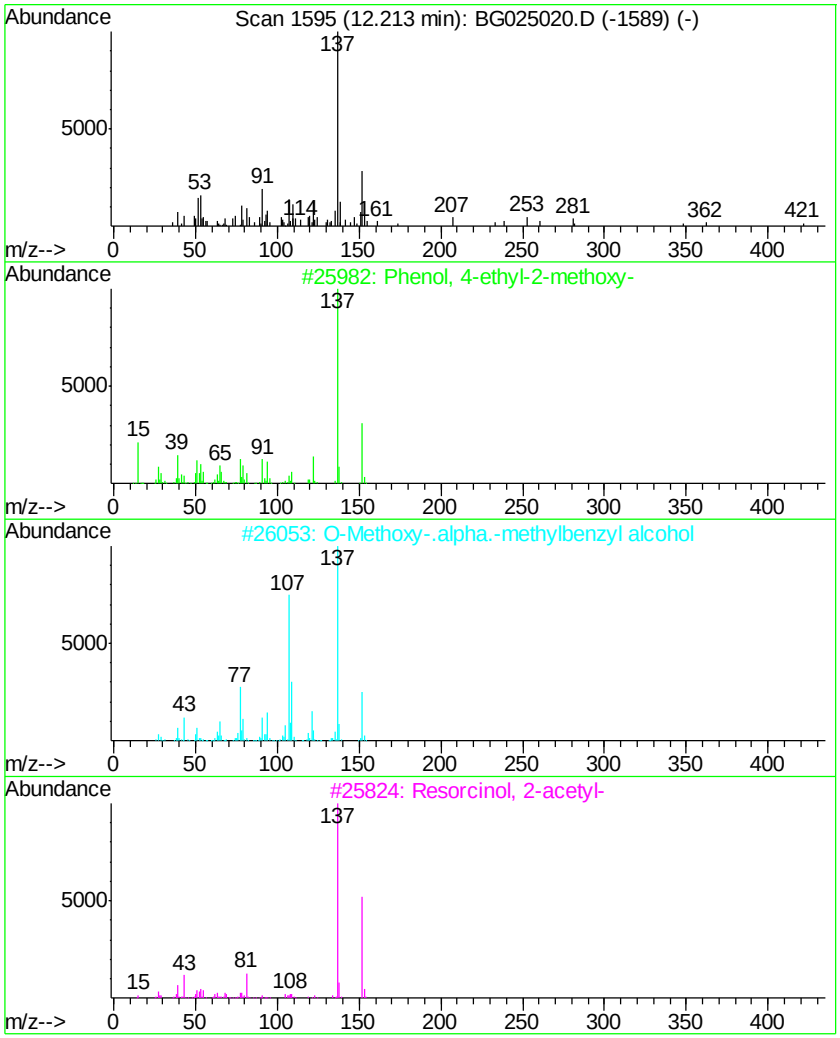
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

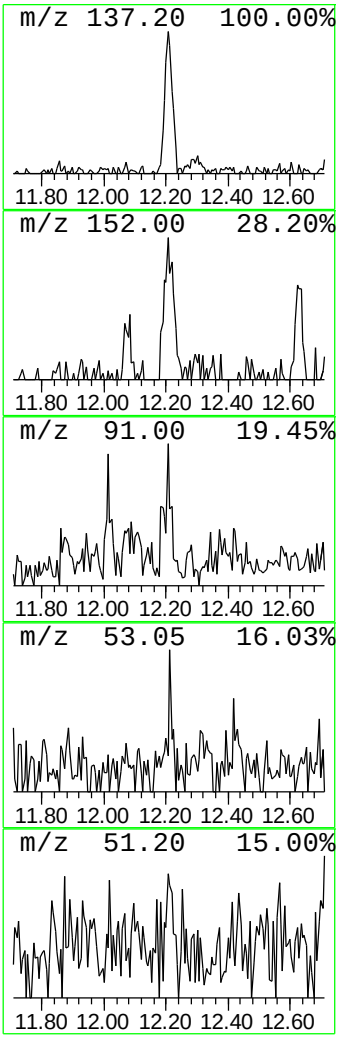
****

Peak Number 3 Phenol, 4-ethyl-2-methoxy- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.05 ng/ul	91152	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	68
2	O-Methoxy-.alpha.-methylbenzyl a...	152	C9H12O2	013513-82-1	64
3	Resorcinol, 2-acetyl-	152	C8H8O3	000699-83-2	64
4	Phenol, 4-ethyl-2-methoxy-	152	C9H12O2	002785-89-9	64
5	4-Methoxyphenyl methyl carbinol	152	C9H12O2	003319-15-1	59





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

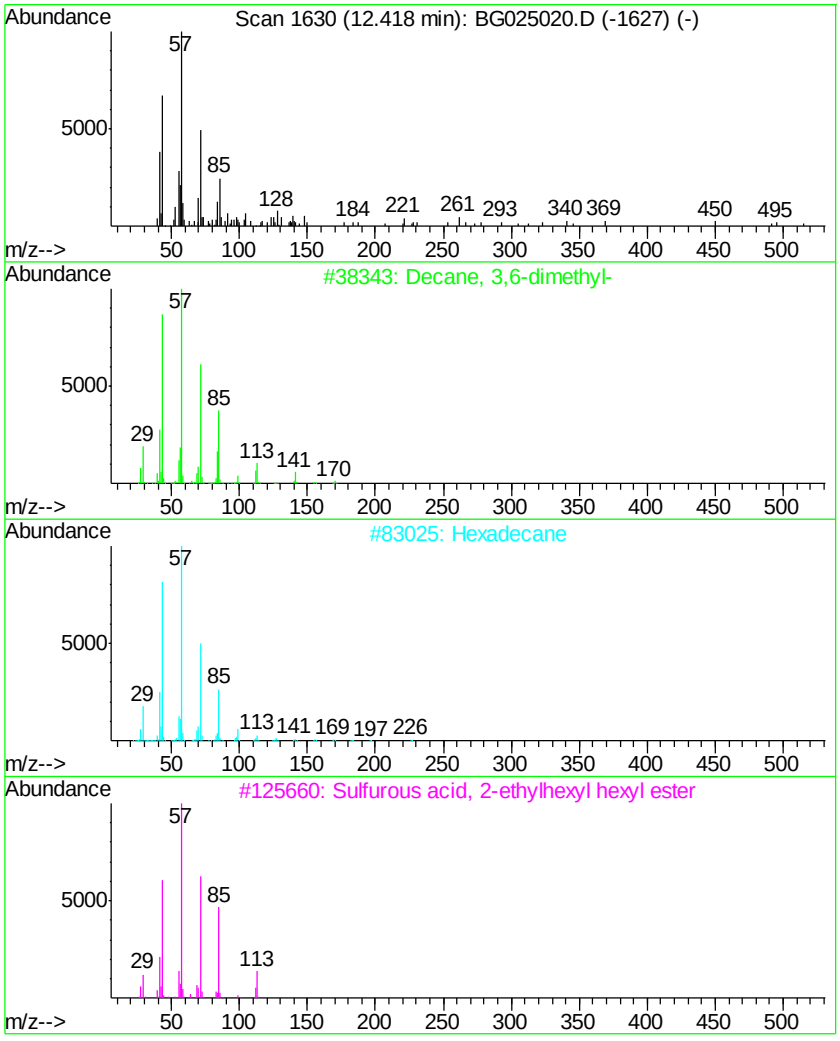
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

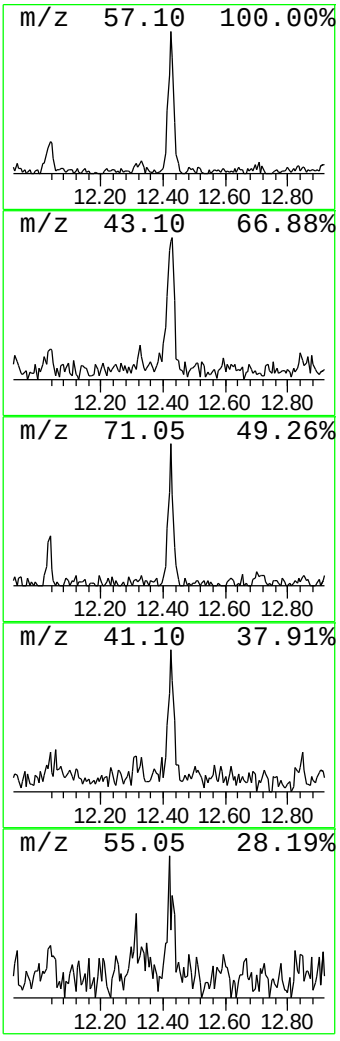
****

Peak Number 4 (DEL) Alkane: Straight-Chai... Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.42	2.24 ng/ul	99597	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 3,6-dimethyl-	170	C12H26	017312-53-7	59
2	Hexadecane	226	C16H34	000544-76-3	59
3	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	59
4	Hexadecane	226	C16H34	000544-76-3	53
5	Tetradecane	198	C14H30	000629-59-4	53





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

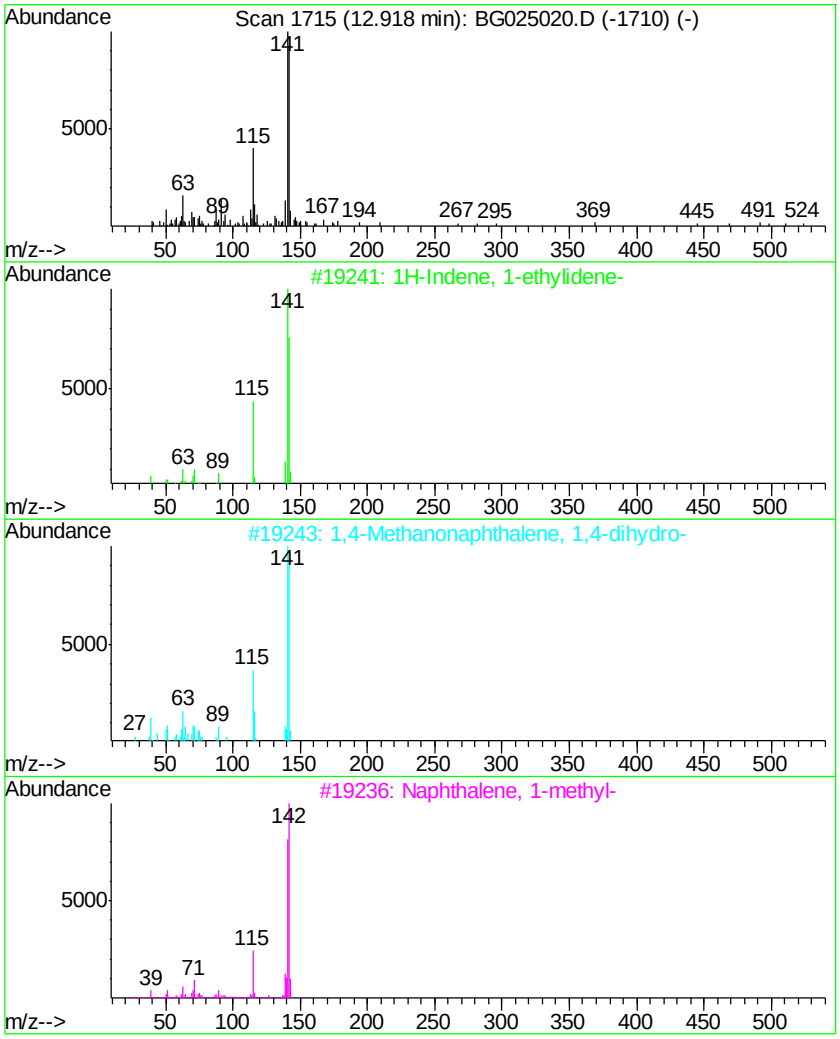
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

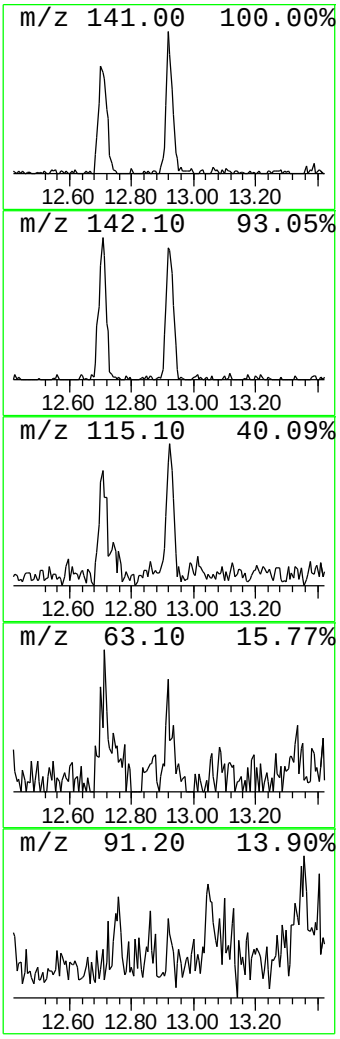
****

Peak Number 5 1H-Indene, 1-ethylidene- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.09 ng/ul	93228	Naphthalene-d8	11.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 1-ethylidene-	142	C11H10	002471-83-2	90
2	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	87
3	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
4	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	86
5	Benzocycloheptatriene	142	C11H10	000264-09-5	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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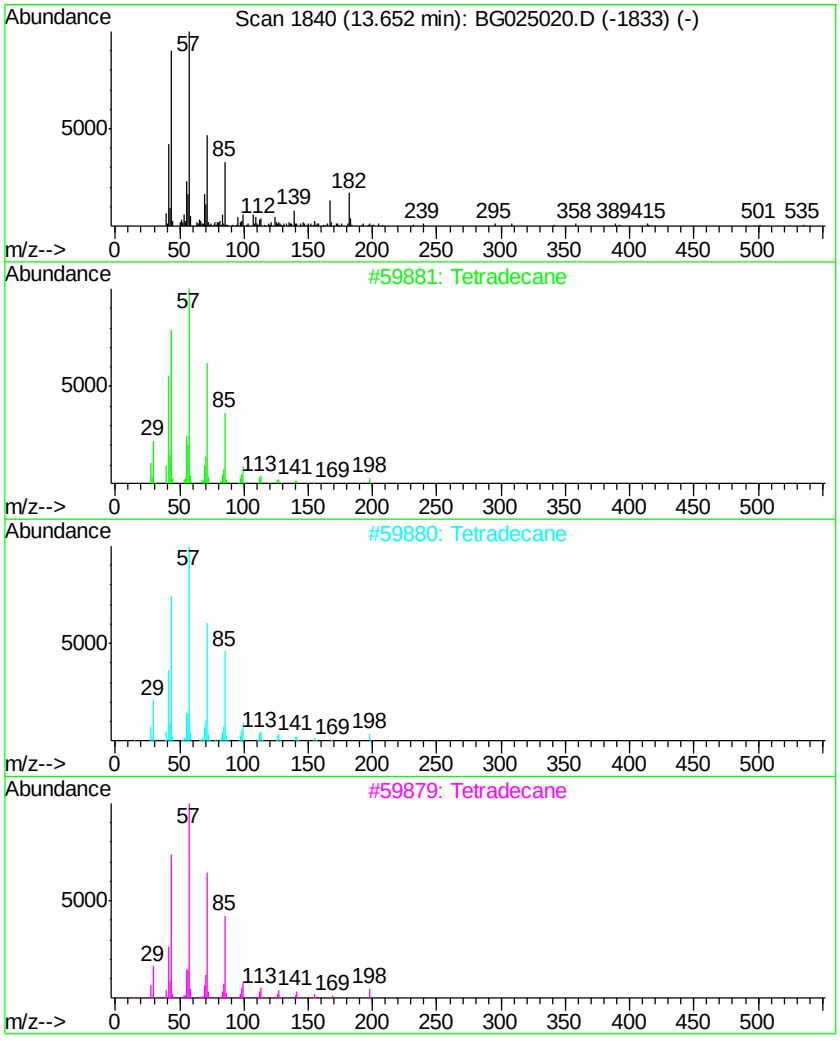
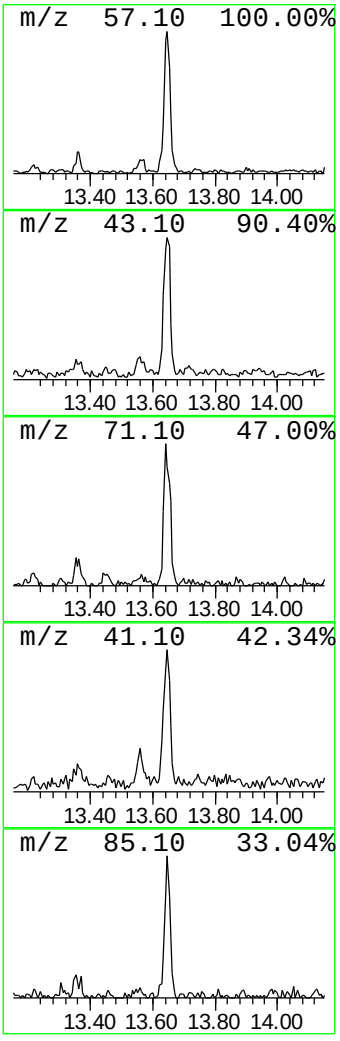
Peak Number 6 (DEL) Alkane: Straight-Chai... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.65	3.22 ng/ul	247395	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecane	198	C14H30	000629-59-4	94
2	Tetradecane	198	C14H30	000629-59-4	91
3	Tetradecane	198	C14H30	000629-59-4	87
4	Eicosane	282	C20H42	000112-95-8	72
5	Hexadecane	226	C16H34	000544-76-3	72





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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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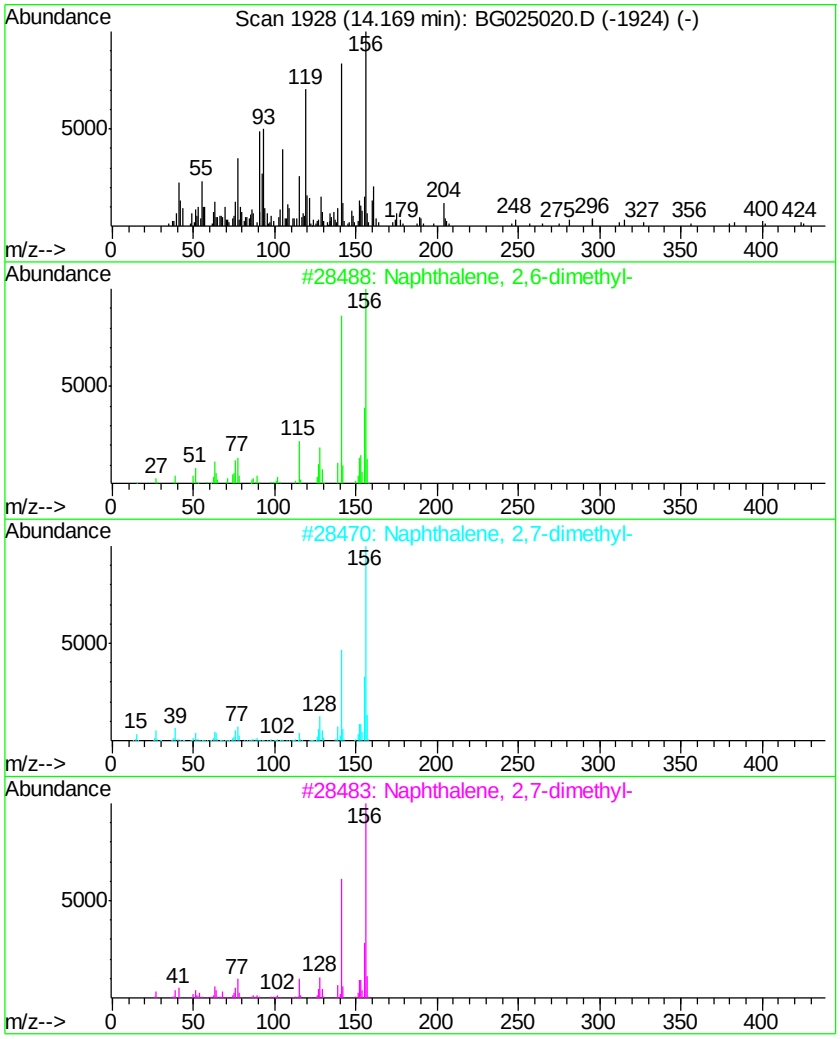
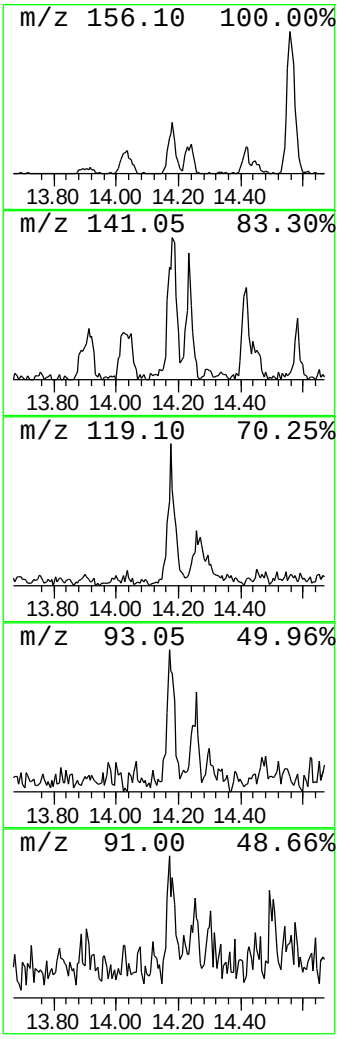
Peak Number 7 Naphthalene, 2,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.17	3.75 ng/ul	288370	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	89
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	70
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	55
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	55





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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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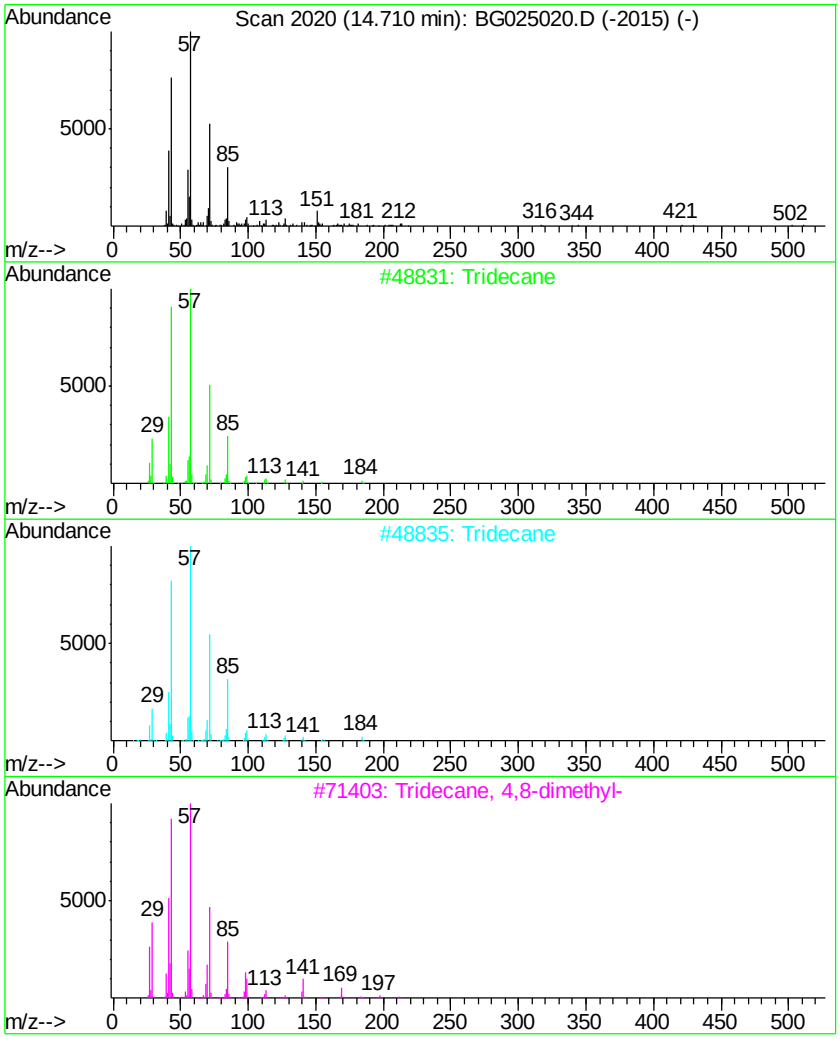
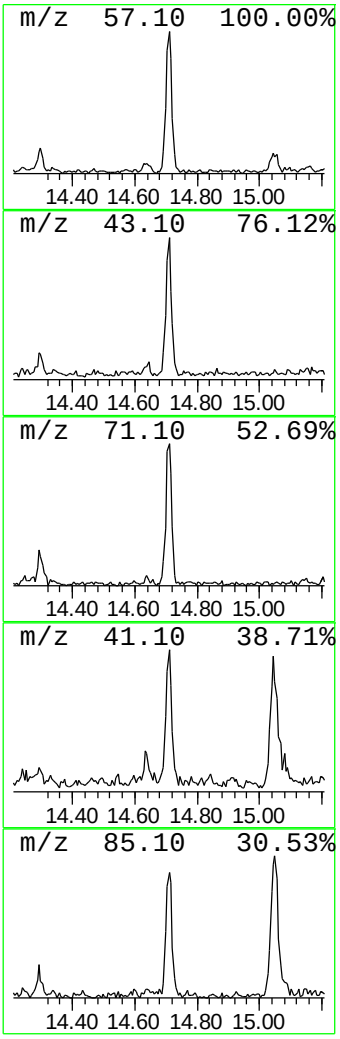
Peak Number 8 (DEL) Alkane: Straight-Chai... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.71	4.03 ng/ul	309812	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	72
2	Tridecane	184	C13H28	000629-50-5	72
3	Tridecane, 4,8-dimethyl-	212	C15H32	055030-62-1	72
4	Dodecane, 2,6,10-trimethyl-	212	C15H32	003891-98-3	64
5	Octane, 3,4,5,6-tetramethyl-	170	C12H26	062185-21-1	59





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Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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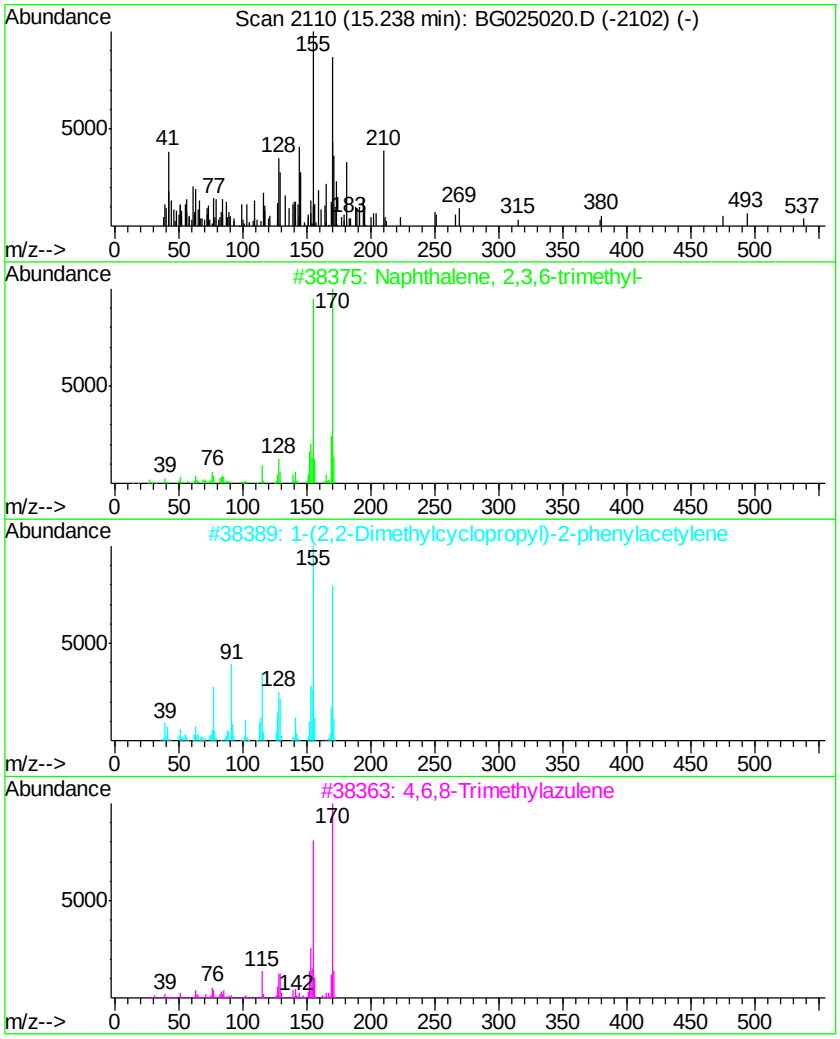
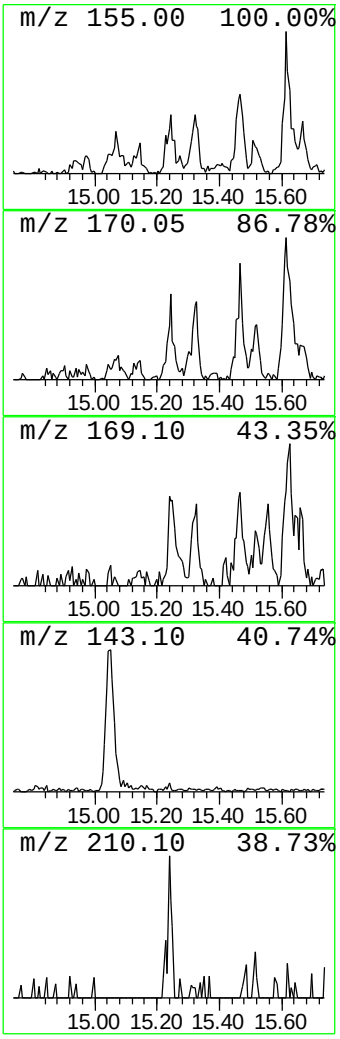
Peak Number 9 Naphthalene, 2,3,6-trimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.24	2.10 ng/ul	160990	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	86
2	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	70
3	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	70
4	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	62
5	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	52





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Acq On : 8 Dec 2016 23:55
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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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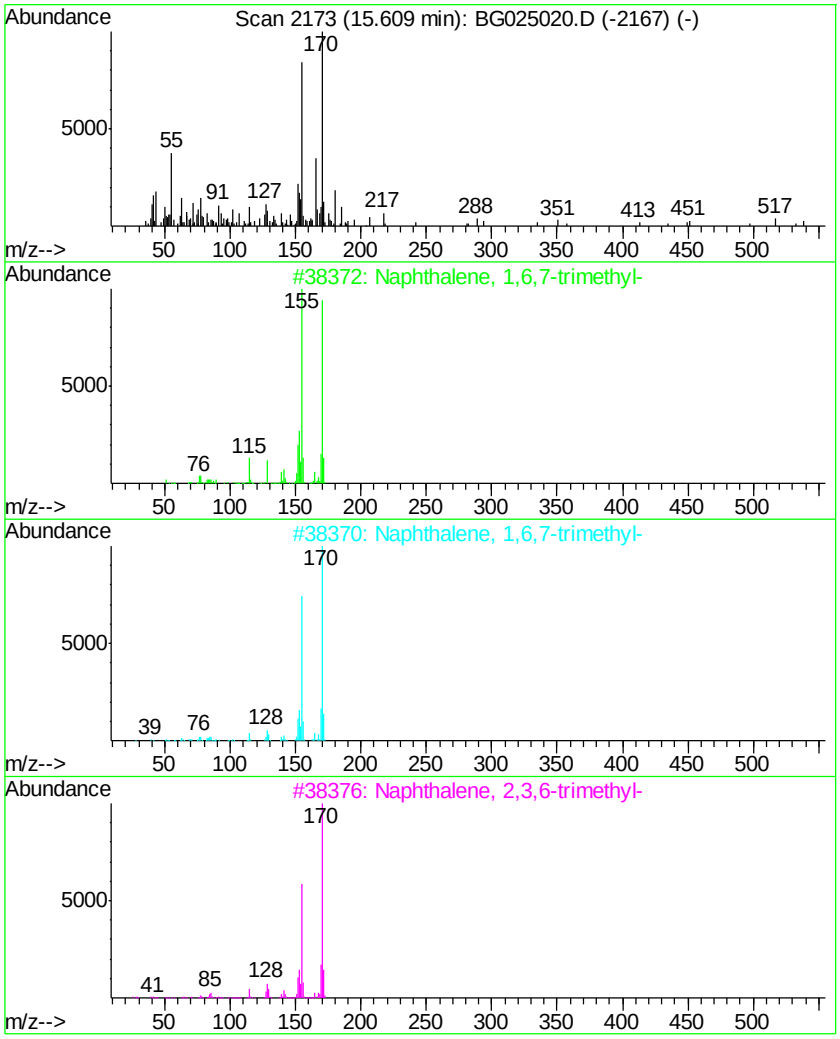
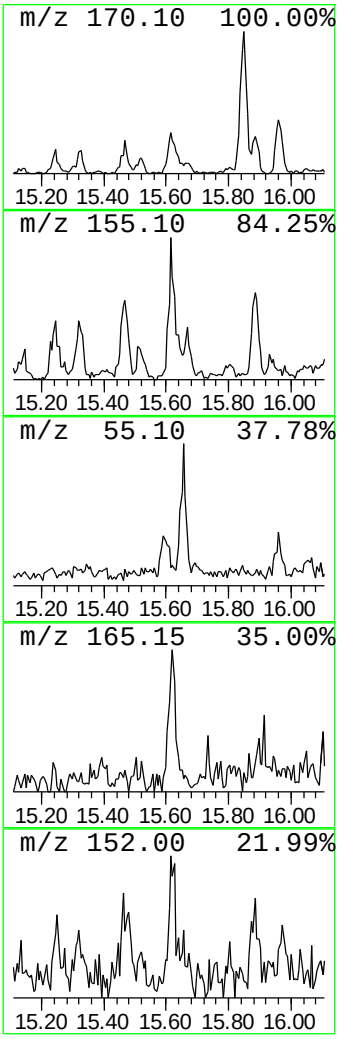
Peak Number 10 Naphthalene, 1,6,7-trimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.73 ng/ul	209514	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87





Library Search Compound Report

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Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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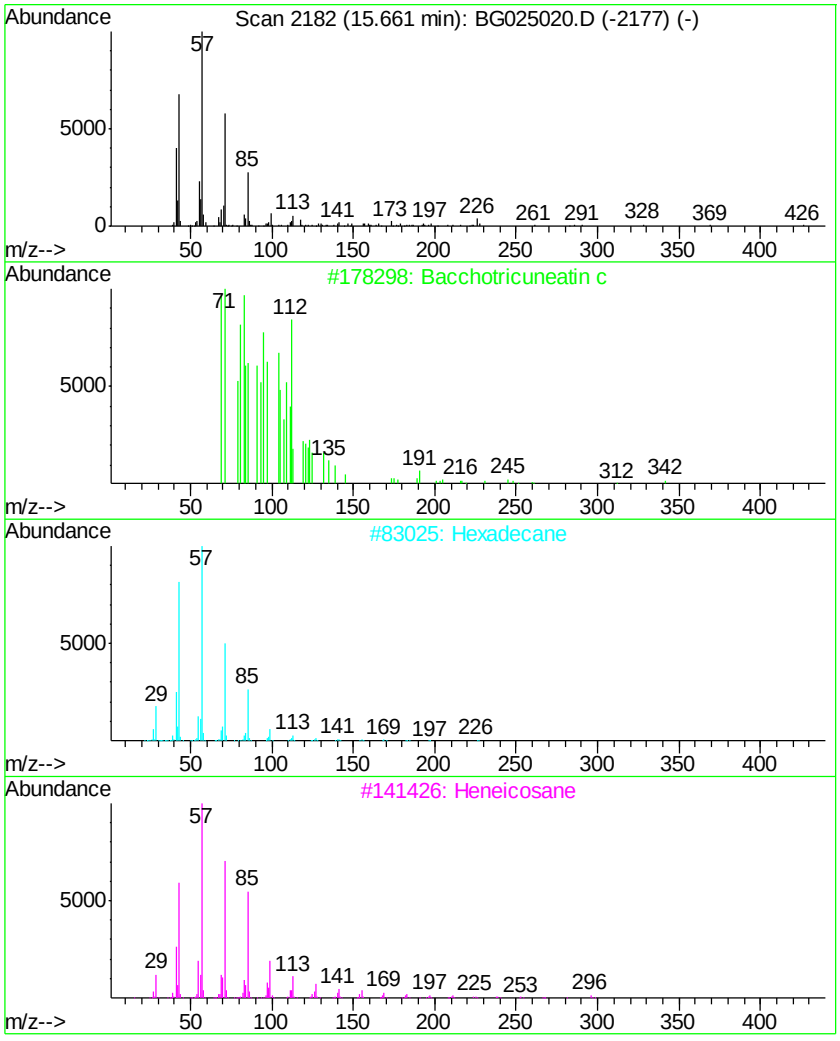
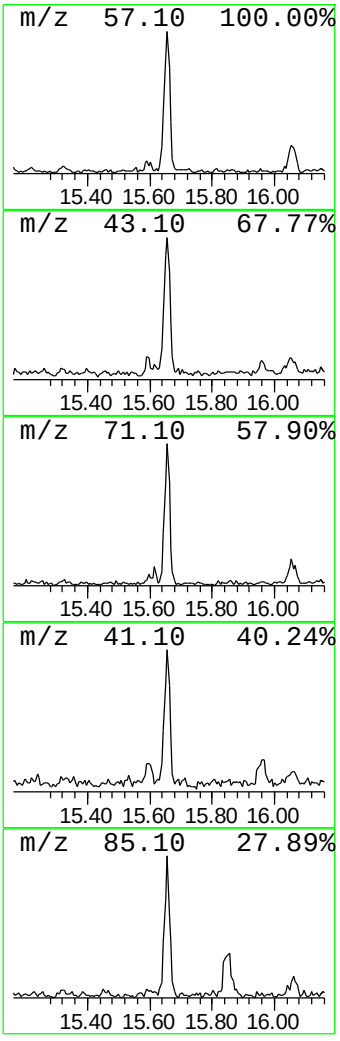
Peak Number 11 Bacchotricuneatin c Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.66	5.60 ng/ul	430254	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bacchotricuneatin c	342	C20H22O5	066563-30-2	96
2	Hexadecane	226	C16H34	000544-76-3	93
3	Heneicosane	296	C21H44	000629-94-7	90
4	Hexadecane	226	C16H34	000544-76-3	90
5	Hexadecane	226	C16H34	000544-76-3	86





Library Search Compound Report

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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

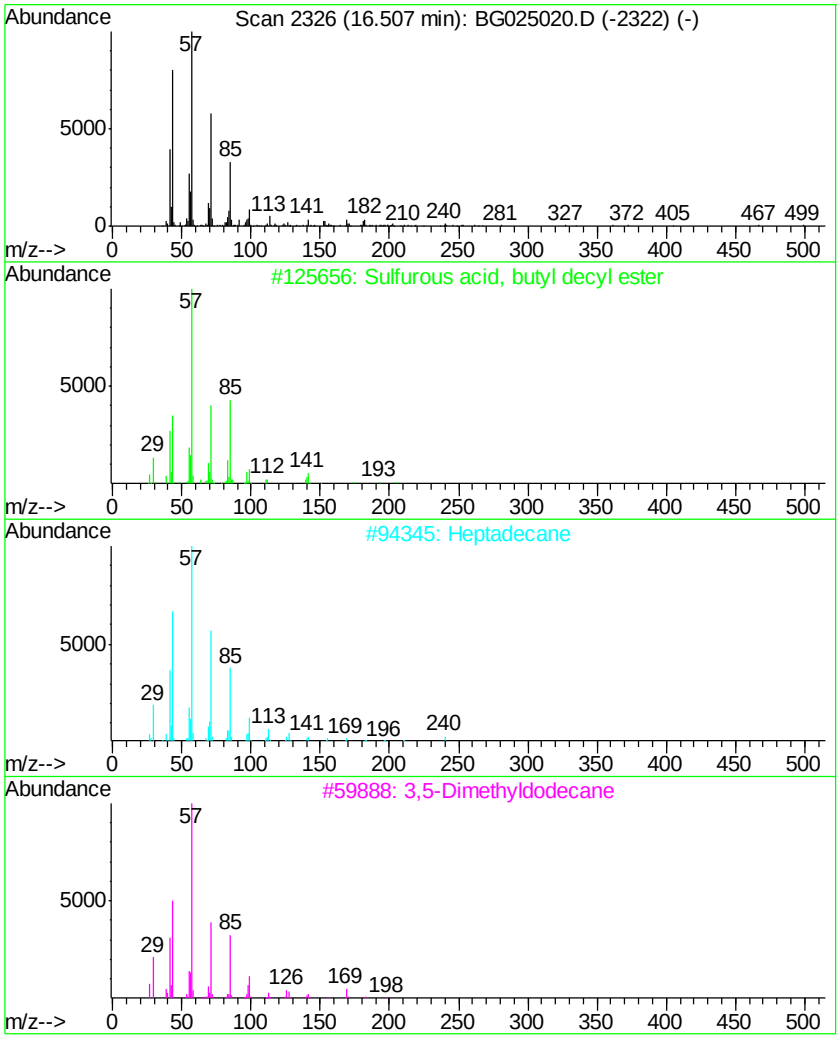
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

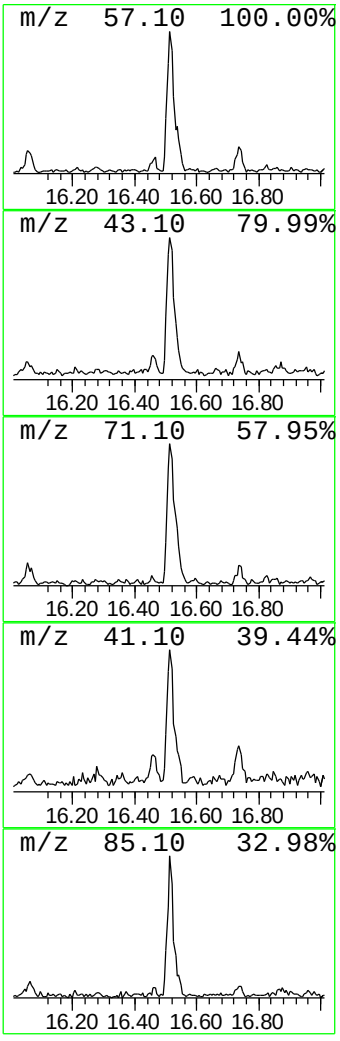
****

Peak Number 12 Sulfurous acid, butyl decyl... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	8.02 ng/ul	762266	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Sulfurous acid, butyl decyl ester	278	C14H30O3S	1000309-17-7	86
2	Heptadecane	240	C17H36	000629-78-7	83
3	3,5-Dimethyldodecane	198	C14H30	107770-99-0	80
4	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	80
5	Heptadecane	240	C17H36	000629-78-7	76





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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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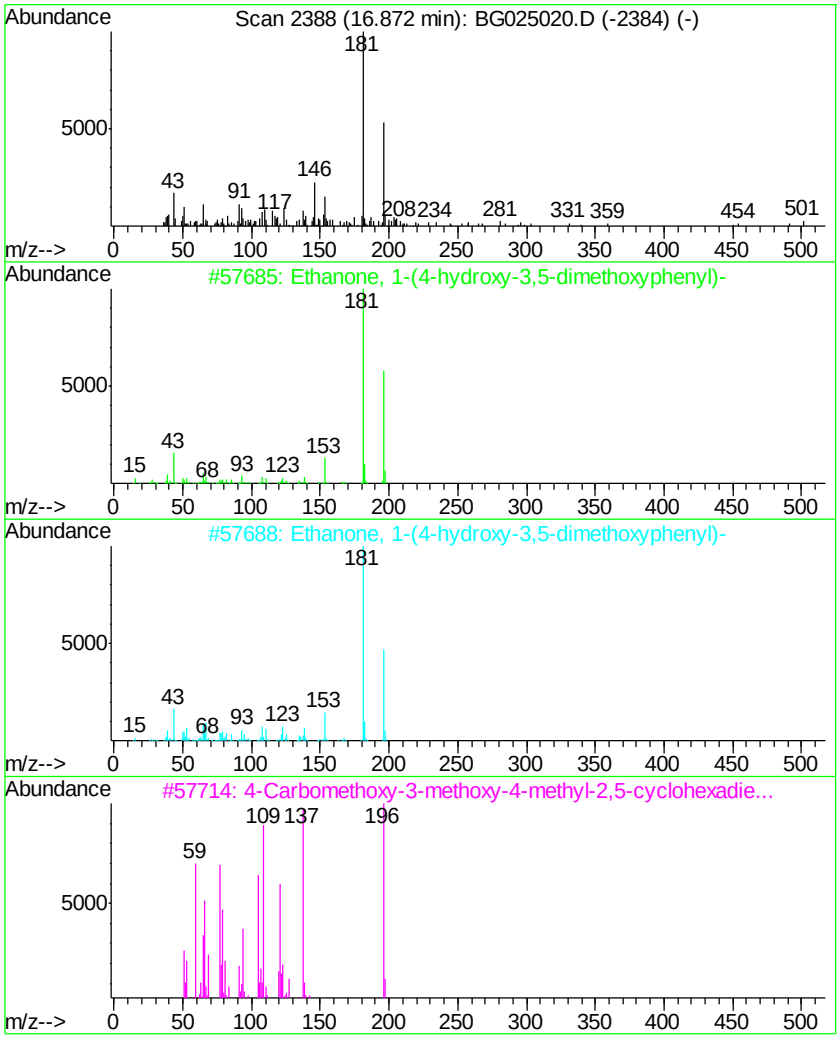
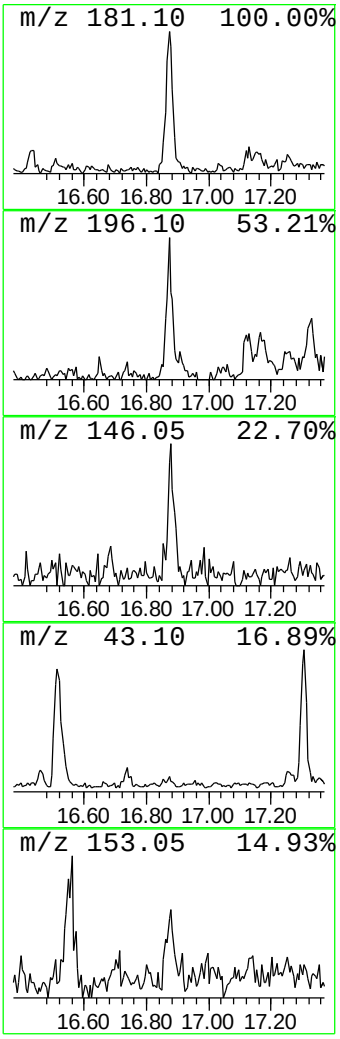
Peak Number 13 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.87	2.07 ng/ul	196472	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	74
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	72
3	4-Carbomethoxy-3-methoxy-4-methy...	196	C10H12O4	120696-19-7	59
4	Thiophene, 2,5-bis(1,1-dimethyle...	196	C12H20S	001689-77-6	59
5	Ethanone, 1-[1,1'-biphenyl]-4-yl-	196	C14H12O	000092-91-1	58





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

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Quant Title : SVOA CALIBRATION

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

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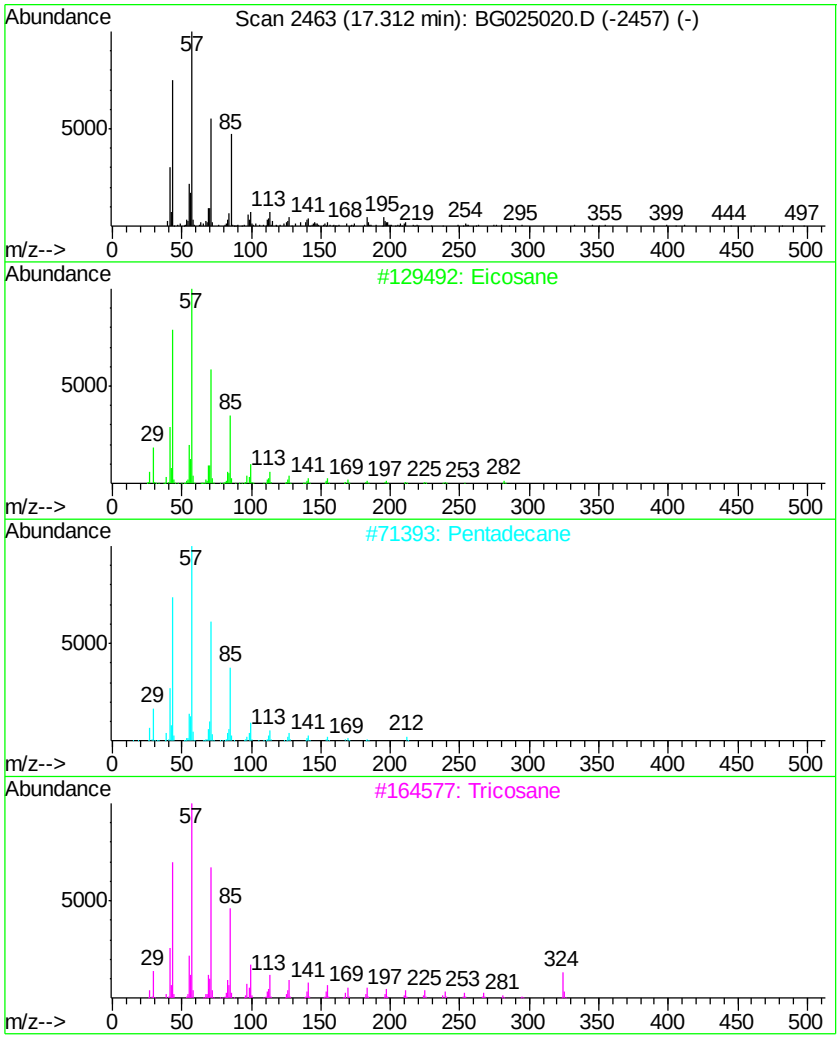
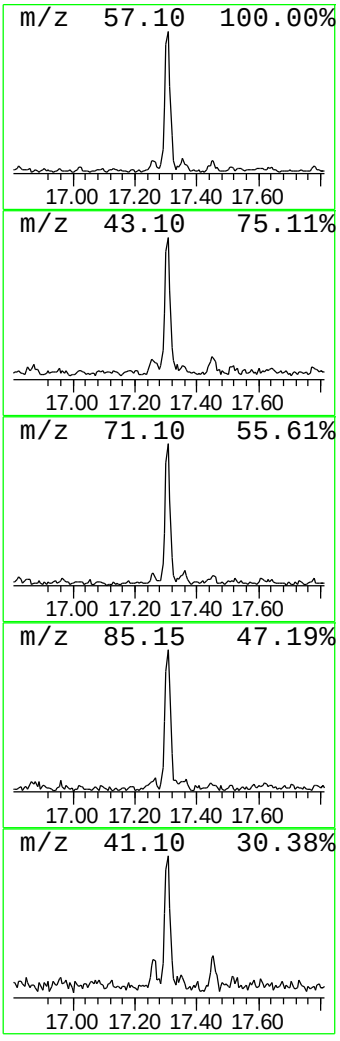
Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	5.33 ng/ul	506182	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	87
2	Pentadecane	212	C15H32	000629-62-9	87
3	Tricosane	324	C23H48	000638-67-5	87
4	Octacosane	394	C28H58	000630-02-4	86
5	Hexadecane	226	C16H34	000544-76-3	86





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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

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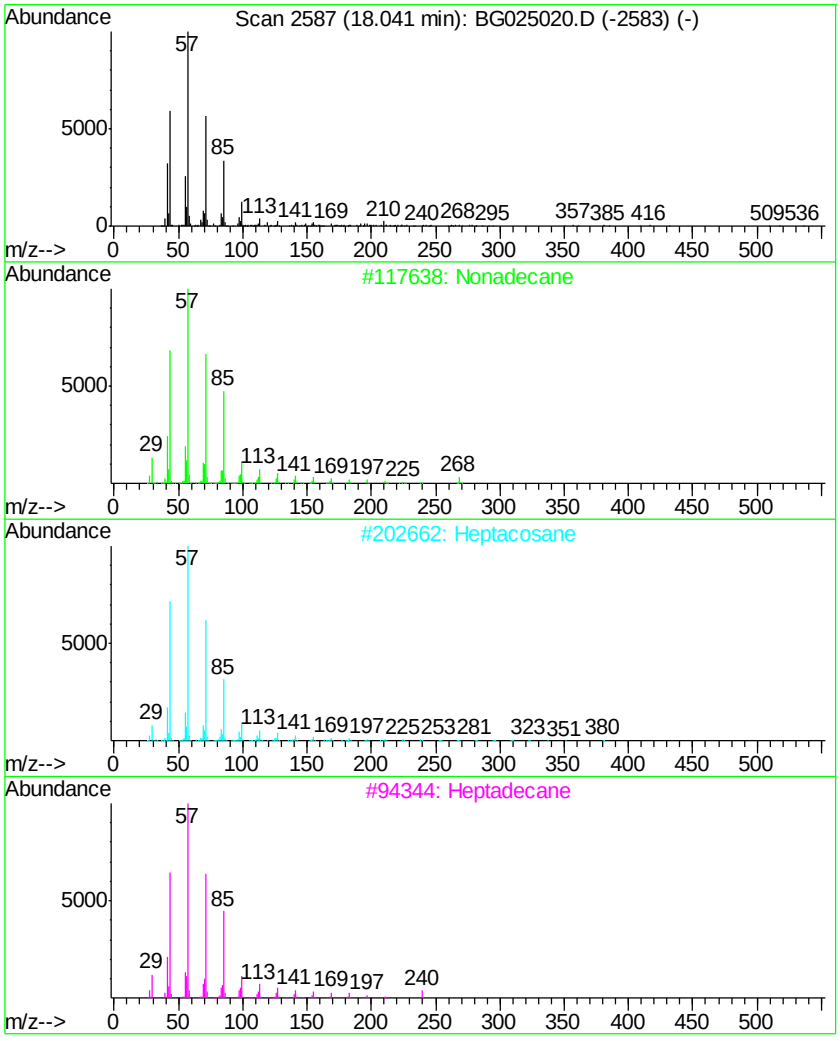
Quant Title : SVOA CALIBRATION

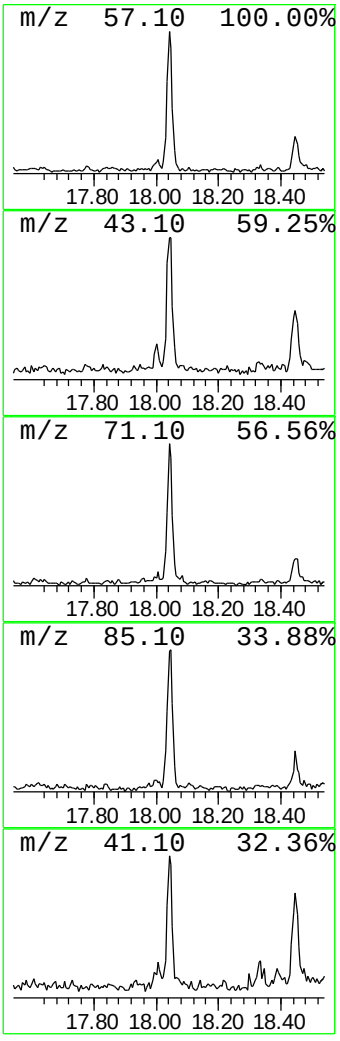
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	5.96 ng/ul	565882	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	90
2	Heptacosane	380	C27H56	000593-49-7	83
3	Heptadecane	240	C17H36	000629-78-7	76
4	Dodecane, 4-methyl-	184	C13H28	006117-97-1	76
5	Tridecane, 4-methyl-	198	C14H30	026730-12-1	72





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Sample : H5863-09
Misc :
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Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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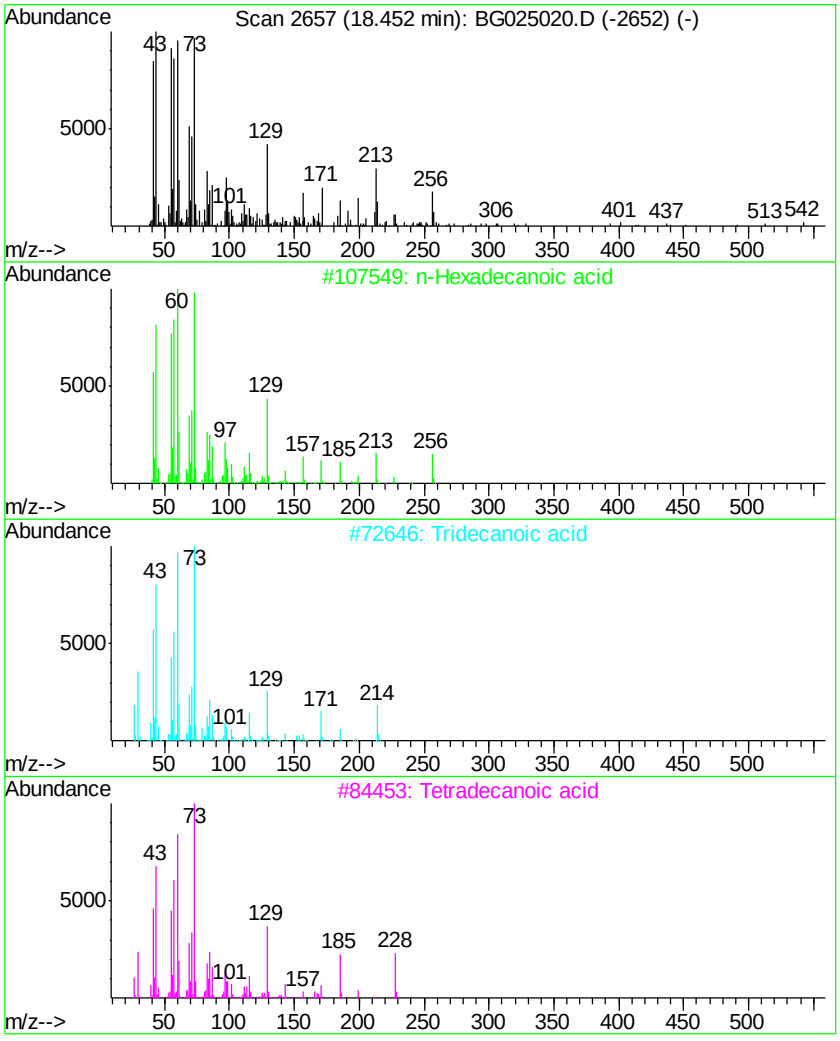
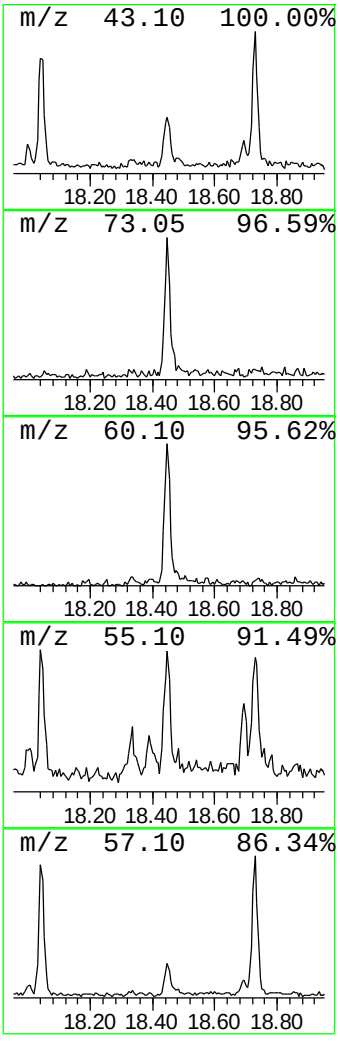
Peak Number 16 n-Hexadecanoic acid Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.64 ng/ul	440926	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





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Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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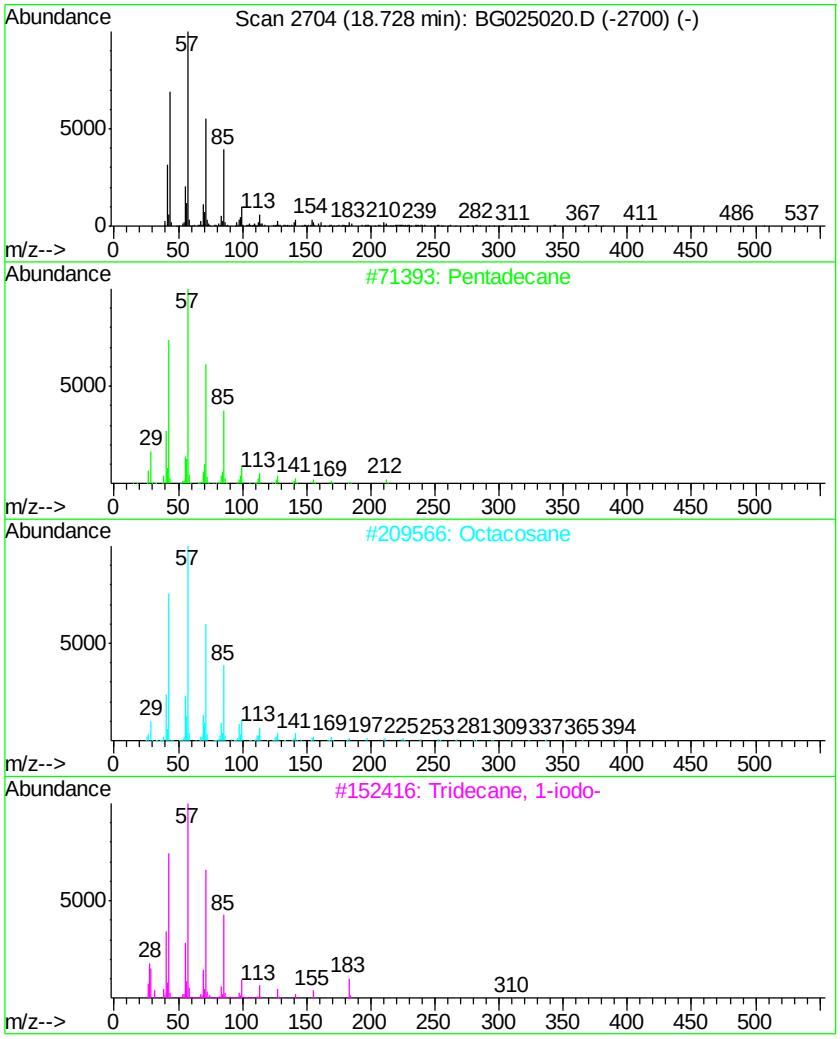
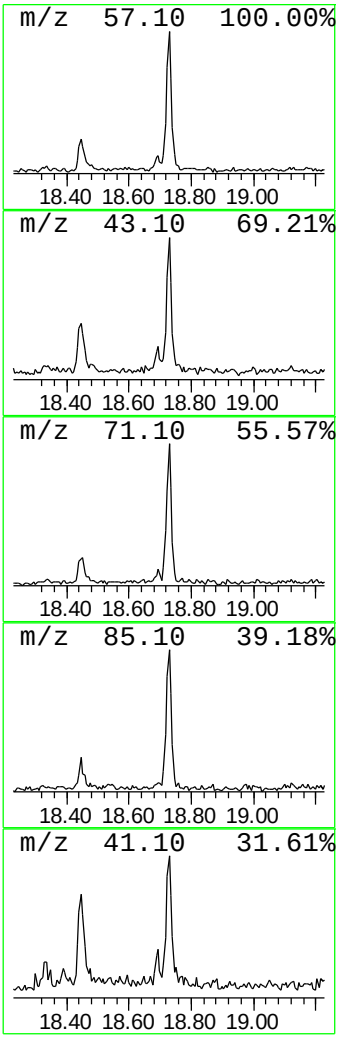
Peak Number 17 (DEL) Alkane: Straight-Chai... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	5.09 ng/ul	483251	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane	212	C15H32	000629-62-9	91
2	Octacosane	394	C28H58	000630-02-4	80
3	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	80
4	Heptadecane	240	C17H36	000629-78-7	80
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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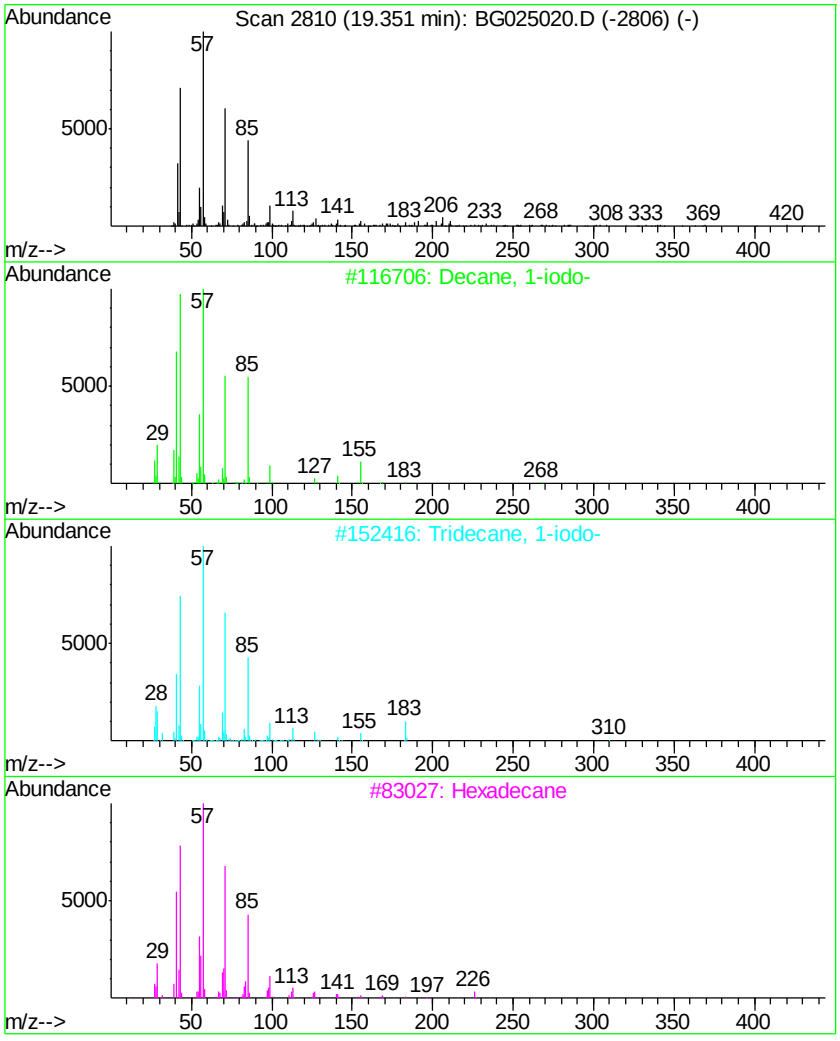
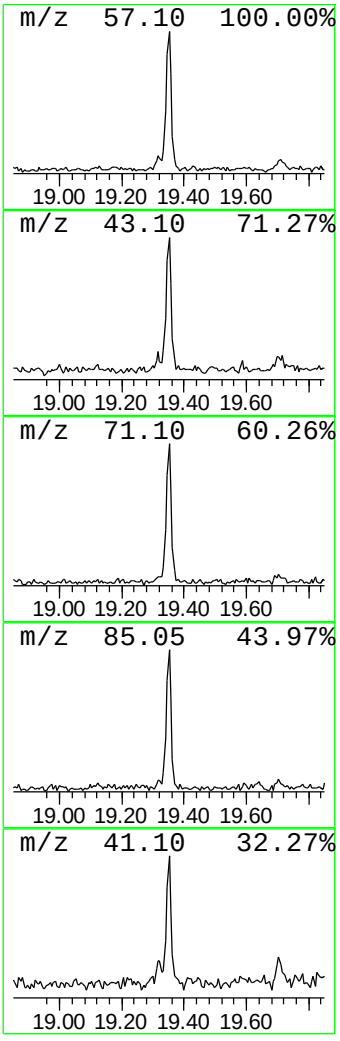
Peak Number 18 Decane, 1-iodo- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	5.30 ng/ul	503157	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Decane, 1-iodo-	268	C10H21I	002050-77-3	91
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	83
3	Hexadecane	226	C16H34	000544-76-3	83
4	Hexadecane	226	C16H34	000544-76-3	83
5	Behenyl chloride	344	C22H45Cl	042217-03-8	72





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Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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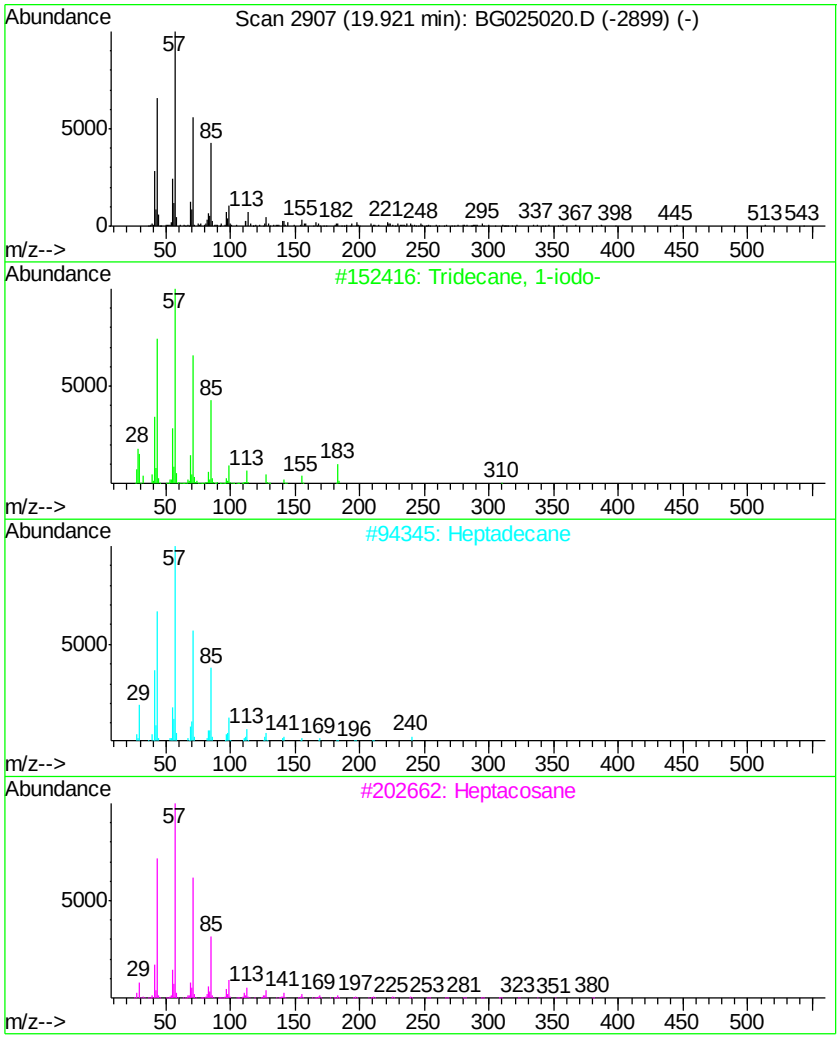
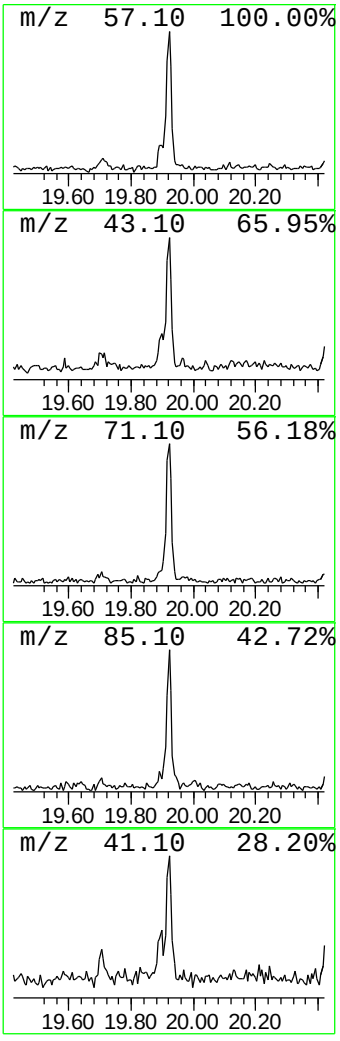
Peak Number 19 Tridecane, 1-iodo- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.92	2.51 ng/ul	463106	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Heptadecane	240	C17H36	000629-78-7	91
3	Heptacosane	380	C27H56	000593-49-7	87
4	Docosane	310	C22H46	000629-97-0	86
5	Tetracosane	338	C24H50	000646-31-1	83





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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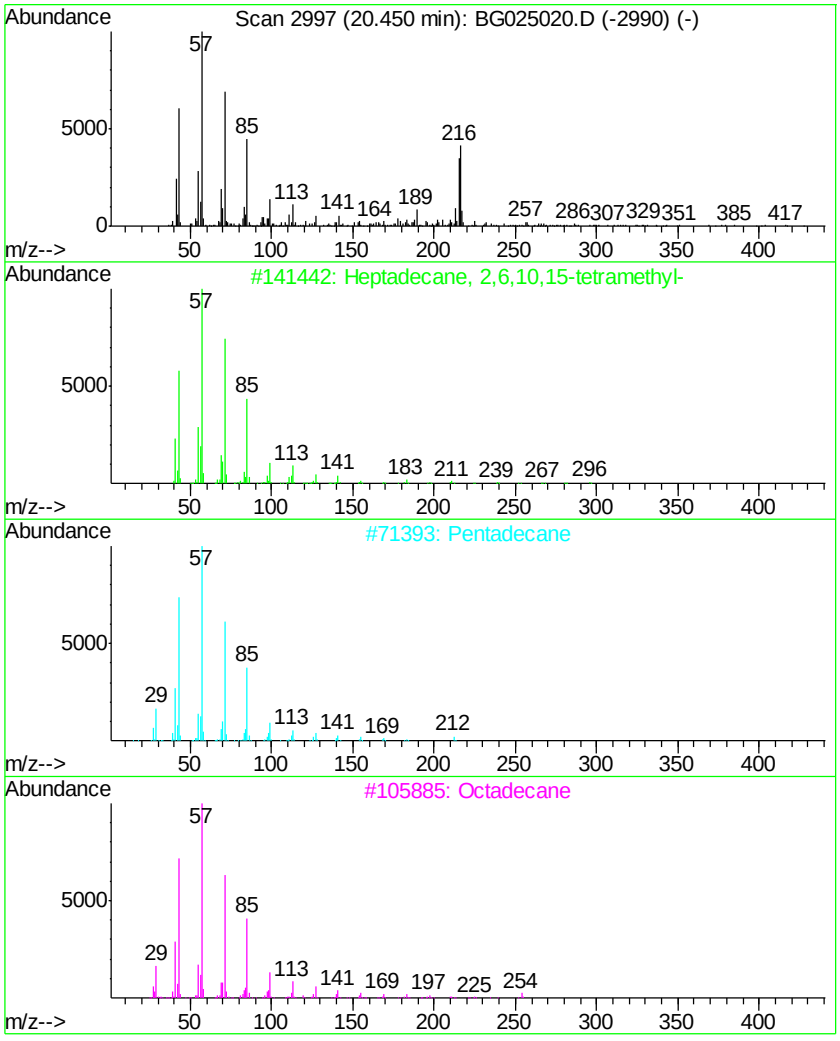
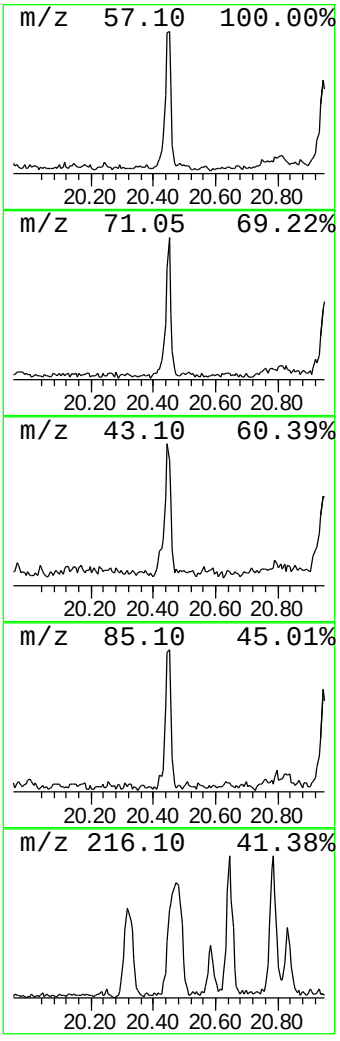
Peak Number 20 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.45	4.87 ng/ul	897776	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	78
2	Pentadecane	212	C15H32	000629-62-9	70
3	Octadecane	254	C18H38	000593-45-3	60
4	Tetratetracontane	619	C44H90	007098-22-8	60
5	Heptacosane	380	C27H56	000593-49-7	53





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Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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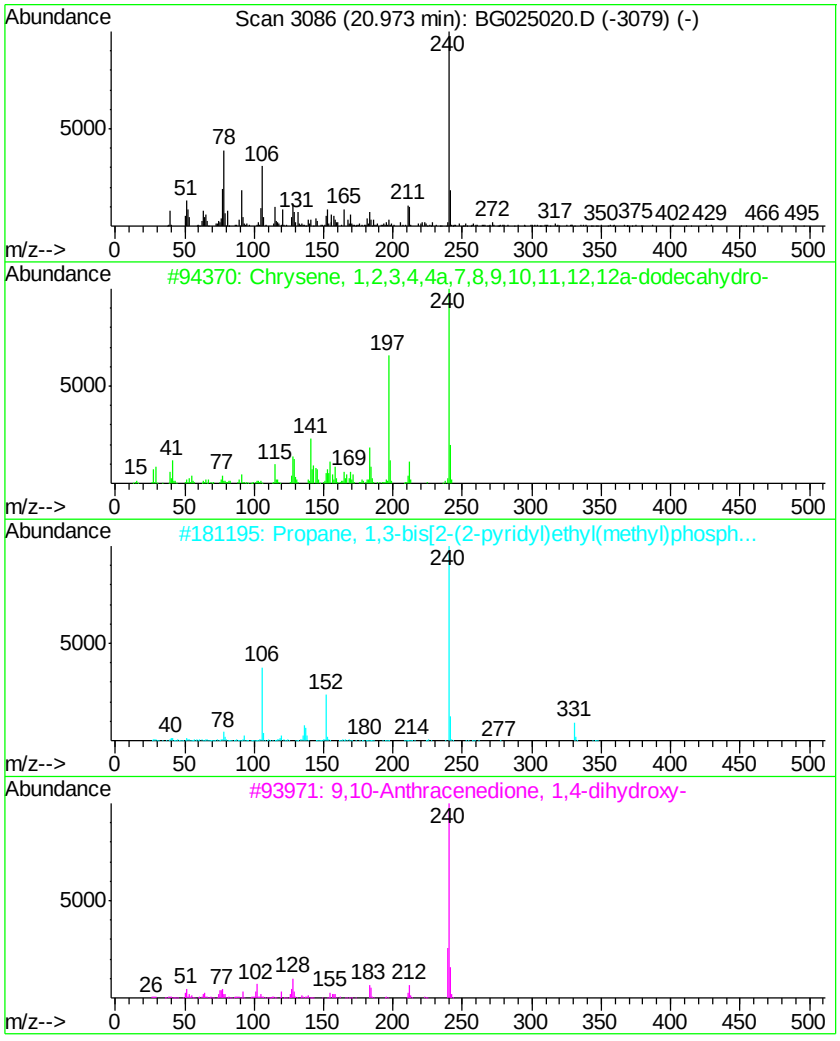
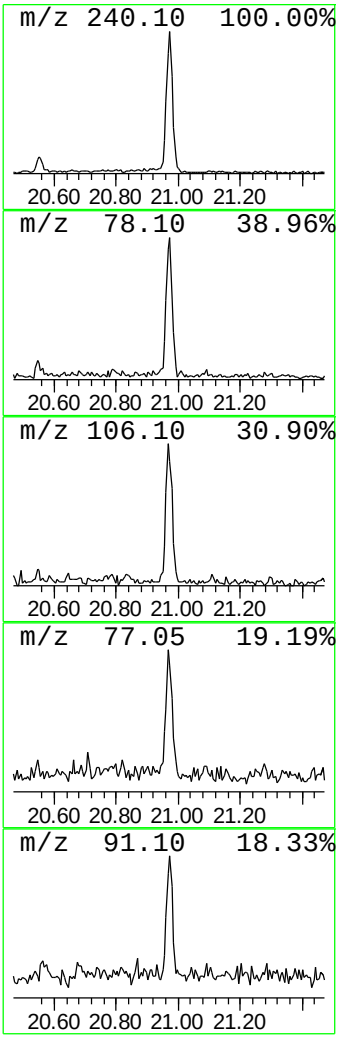
Peak Number 21 Chrysene, 1,2,3,4,4a,7,8,9,... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.97	5.72 ng/ul	1054880	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 1,2,3,4,4a,7,8,9,10,11...	240	C18H24	001610-22-6	64
2	Propane, 1,3-bis[2-(2-pyridyl)et...	346	C19H28N2P2	155340-57-1	47
3	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	45
4	9,10-Anthracenedione, 1,4-dihydr...	240	C14H8O4	000081-64-1	45
5	9,10-Anthracenedione, 1,4-diamin...	240	C14H12N2O2	000081-63-0	45





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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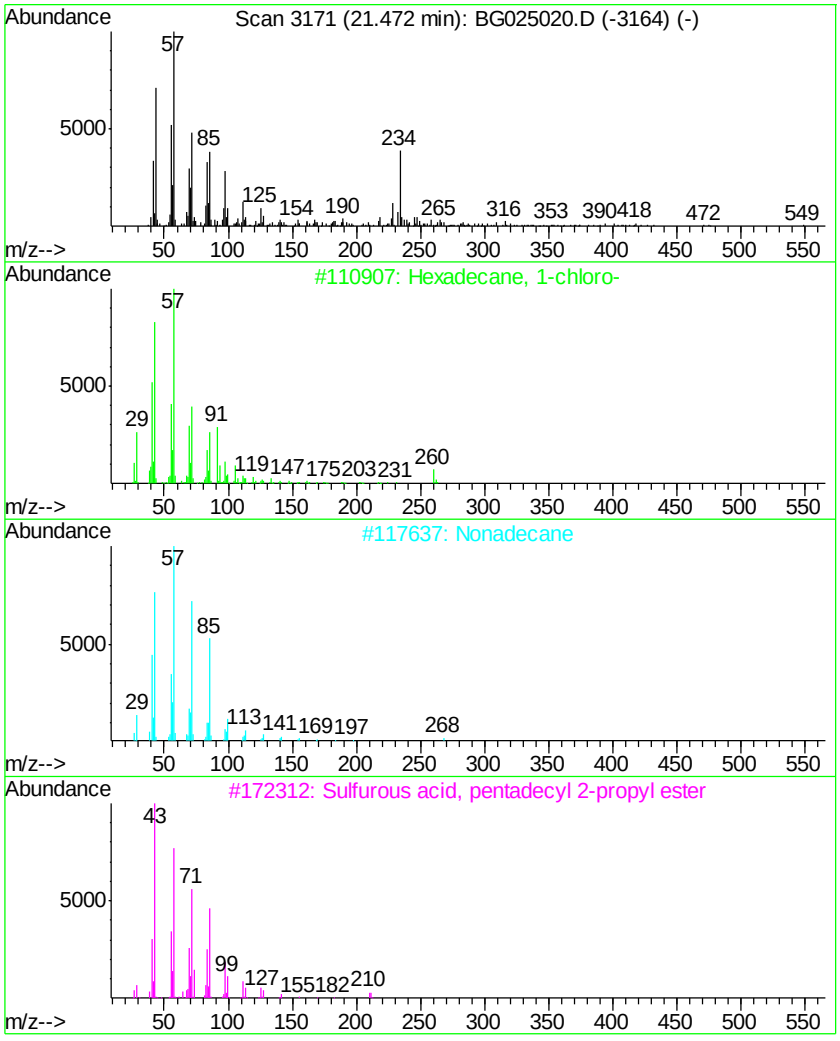
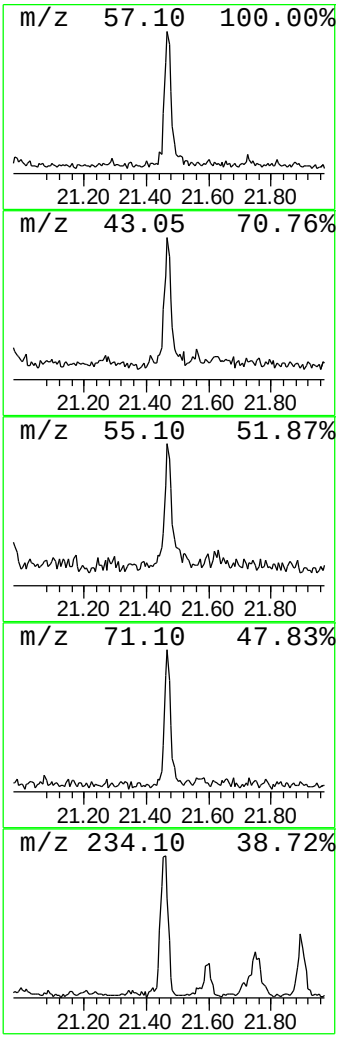
Peak Number 22 Hexadecane, 1-chloro- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	4.72 ng/ul	870259	Chrysene-d12	21.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	70
2	Nonadecane	268	C19H40	000629-92-5	64
3	Sulfurous acid, pentadecyl 2-pro...	334	C18H38O3S	1000309-12-6	46
4	Octadecane	254	C18H38	000593-45-3	46
5	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	46





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Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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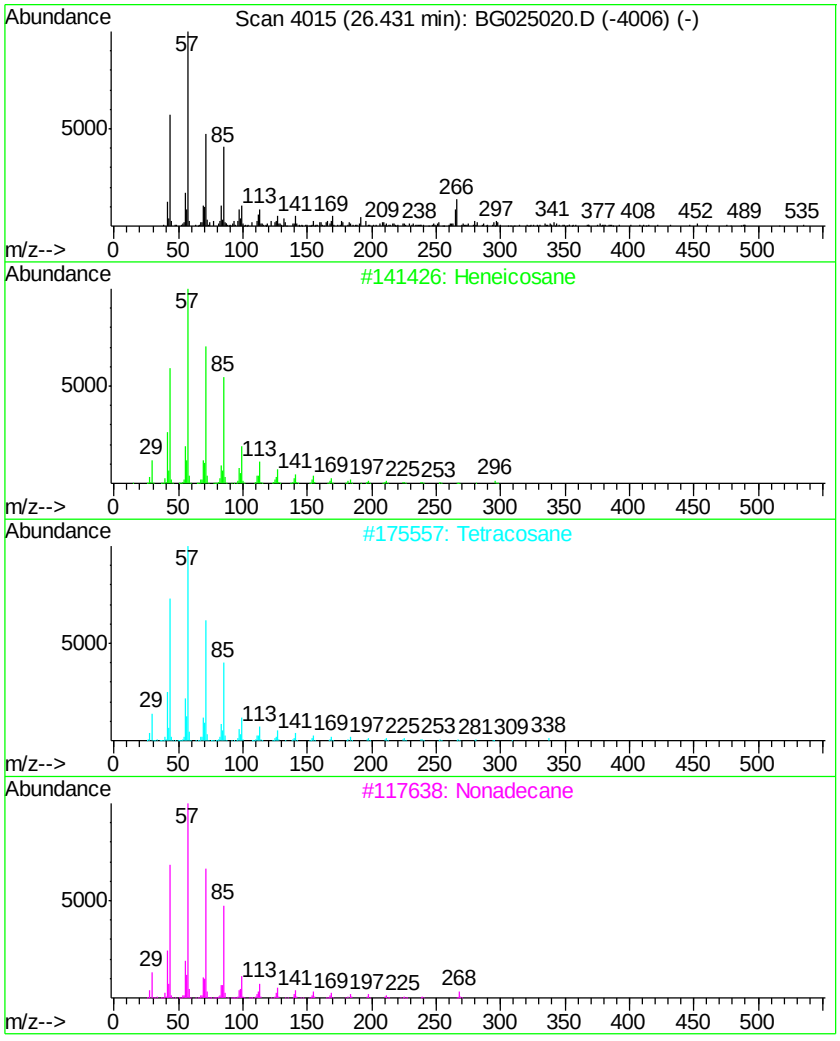
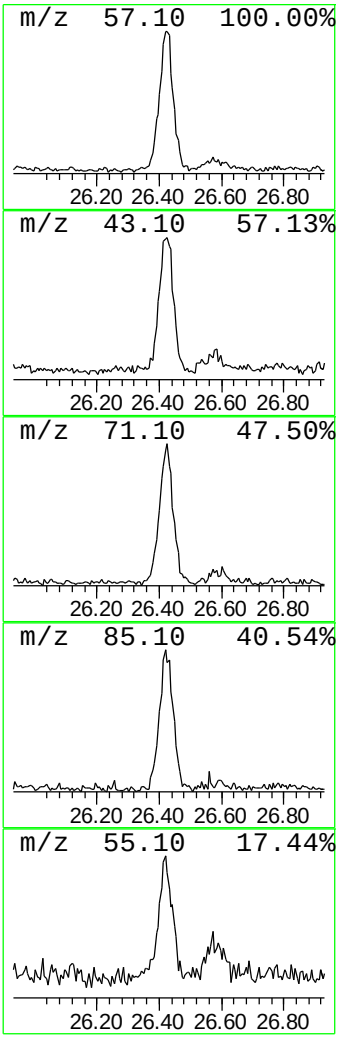
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.43	9.65 ng/ul	974518	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Tetracosane	338	C24H50	000646-31-1	93
3	Nonadecane	268	C19H40	000629-92-5	89
4	Hentriacontane	437	C31H64	000630-04-6	89
5	Heneicosane	296	C21H44	000629-94-7	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

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

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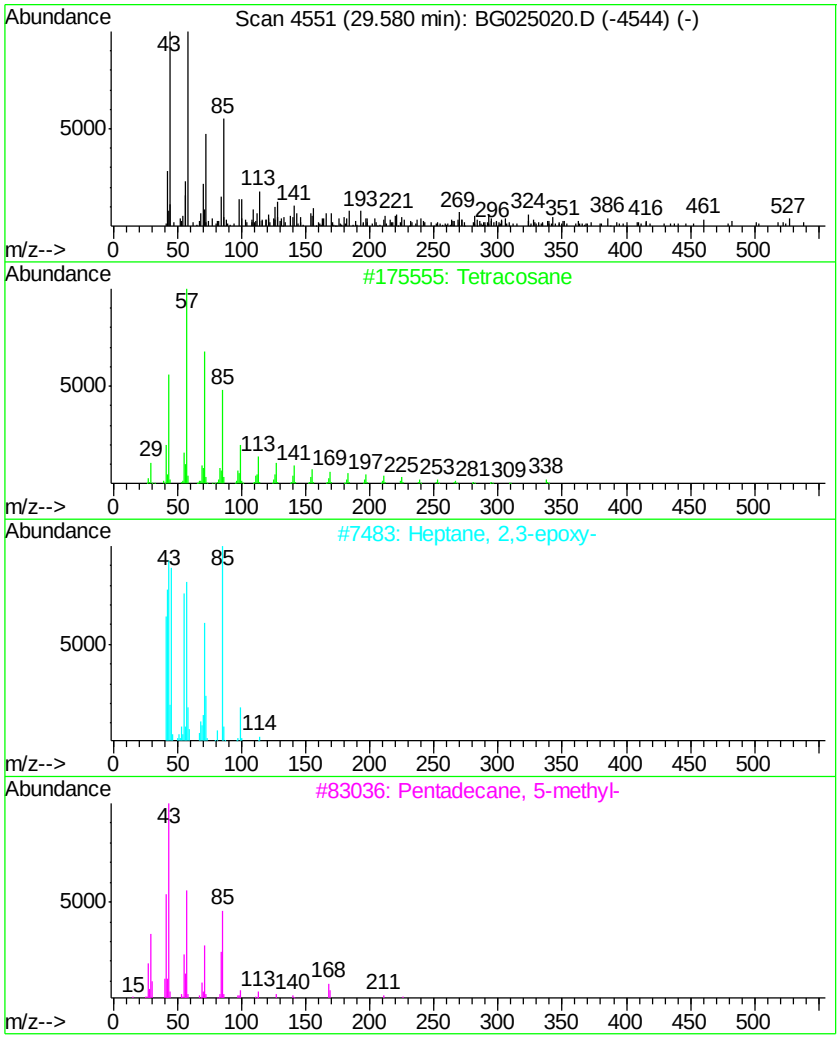
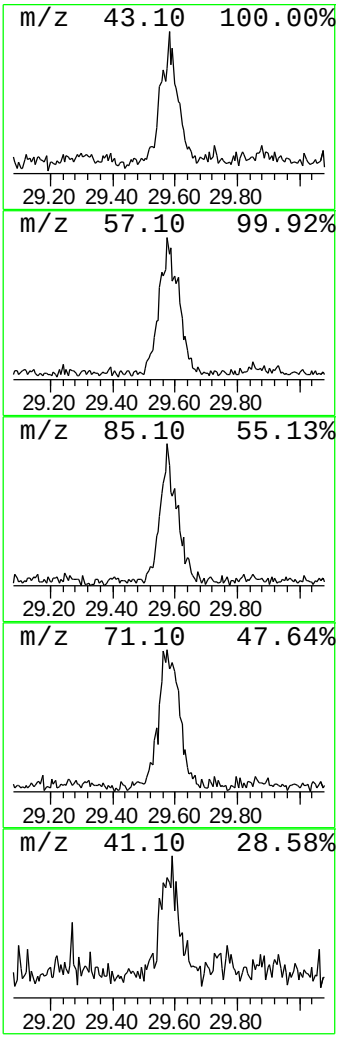
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.58	4.74 ng/ul	478229	Perylene-d12	25.31

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	90
2	Heptane, 2,3-epoxy-	114	C7H14O	014925-96-3	64
3	Pentadecane, 5-methyl-	226	C16H34	025117-33-3	64
4	Tricosane	324	C23H48	000638-67-5	55
5	Tricosane	324	C23H48	000638-67-5	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120816\
Data File : BG025020.D
Acq On : 8 Dec 2016 23:55
Operator : UM/SJ
Sample : H5863-09
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.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
4-Cyclopentene-1,...	5.98	3.3	ng/ul	105657	1	8.24	634848	20.0
Phenol, 2-methoxy-	9.34	3.0	ng/ul	95745	1	8.24	634848	20.0
Phenol, 4-ethyl-2...	12.21	2.0	ng/ul	91152	2	11.07	890052	20.0
(DEL) Alkane: Str...	12.42	2.2	ng/ul	99597	2	11.07	890052	20.0
1H-Indene, 1-ethy...	12.92	2.1	ng/ul	93228	2	11.07	890052	20.0
(DEL) Alkane: Str...	13.65	3.2	ng/ul	247395	3	14.86	1536820	20.0
Naphthalene, 2,6-...	14.17	3.8	ng/ul	288370	3	14.86	1536820	20.0
(DEL) Alkane: Str...	14.71	4.0	ng/ul	309812	3	14.86	1536820	20.0
Naphthalene, 2,3,...	15.24	2.1	ng/ul	160990	3	14.86	1536820	20.0
Naphthalene, 1,6,...	15.61	2.7	ng/ul	209514	3	14.86	1536820	20.0
Bacchotricuneatin c	15.66	5.6	ng/ul	430254	3	14.86	1536820	20.0
Sulfurous acid, b...	16.51	8.0	ng/ul	762266	4	17.61	1900320	20.0
Ethanone, 1-(4-hy...	16.87	2.1	ng/ul	196472	4	17.61	1900320	20.0
(DEL) Alkane: Str...	17.31	5.3	ng/ul	506182	4	17.61	1900320	20.0
(DEL) Alkane: Str...	18.04	6.0	ng/ul	565882	4	17.61	1900320	20.0
n-Hexadecanoic acid	18.45	4.6	ng/ul	440926	4	17.61	1900320	20.0
(DEL) Alkane: Str...	18.73	5.1	ng/ul	483251	4	17.61	1900320	20.0
Decane, 1-iodo-	19.35	5.3	ng/ul	503157	4	17.61	1900320	20.0
Tridecane, 1-iodo-	19.92	2.5	ng/ul	463106	5	21.90	3688100	20.0
(DEL) Alkane: Str...	20.45	4.9	ng/ul	897776	5	21.90	3688100	20.0
Chrysene, 1,2,3,4...	20.97	5.7	ng/ul	1054880	5	21.90	3688100	20.0
Hexadecane, 1-chl...	21.47	4.7	ng/ul	870259	5	21.90	3688100	20.0
(DEL) Alkane: Str...	26.43	9.7	ng/ul	974518	6	25.31	2019870	20.0
(DEL) Alkane: Str...	29.58	4.7	ng/ul	478229	6	25.31	2019870	20.0