LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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	3.616	124	132	144	rVB	155533	253143	0.44%	0.204%
2	6.201	566	572	583	rBV3	85004	151826	0.26%	0.122%
3	7.388	765	774	789	rVB3	386892	893786	1.54%	0.720%
4	7.558	794	803	810	rBV	251635	441222	0.76%	0.355%
5	7.770	827	839	850	rVB	370844	685737	1.18%	0.552%
6	8.240	912	919	927	rBV	526084	942059	1.62%	0.759%
7	8.939	1032	1038	1047	rBV3	458619	823022	1.42%	0.663%
8	9.344	1097	1107	1113	rBV3	63582	118537	0.20%	0.095%
9	9.421	1113	1120	1129	rVV	371821	719884	1.24%	0.580%
10	10.143	1234	1243	1251	rBV2	358078	700925	1.21%	0.565%
11	10.684	1326	1335	1342	rVB	495016	958935	1.65%	0.772%
12	11.066	1392	1400	1415	rBV	725414	1420606	2.45%	1.144%
13	11.213	1415	1425	1435	rBV5	61989	161899	0.28%	0.130%
14	11.877	1532	1538	1543	rVV4	60729	107139	0.18%	0.086%
15	12.705	1674	1679	1683	rBV	86861	163385	0.28%	0.132%
16	12.864	1696	1706	1712	rVB8	45862	135615	0.23%	0.109%
17	12.922	1712	1716	1725	rVB3	87326	143678	0.25%	0.116%
18	13.645	1832	1839	1844	rBV8	79888	119048	0.20%	0.096%
19	14.039	1895	1906	1915	rBV10	71281	212848	0.37%	0.171%
20	14.186	1925	1931	1935	rVV4	107216	237767	0.41%	0.192%
21	14.256	1935	1943	1947	rVV	933074	1531665	2.64%	1.234%
22	14.297	1947	1950	1963	rVB	218023	359940	0.62%	0.290%
23	14.562	1987	1995	2004	rVB	975989	1657104	2.85%	1.335%
24	14.709	2015	2020	2026	rVB2	128908	171779	0.30%	0.138%
25	14.861	2034	2046	2061	rBV	1211341	2264935	3.90%	1.824%
26	14.991	2061	2068	2074	rBV	108434	189488	0.33%	0.153%
27	15.055	2074	2079	2090	rBV2	316498	629164	1.08%	0.507%
28	15.231	2100	2109	2119	rVB8	83418	304625	0.52%	0.245%
29	15.613	2167	2174	2177	rBV4	147819	272753	0.47%	0.220%
30	15.655	2177	2181	2191	rVB	173032	300460	0.52%	0.242%
31	15.778	2198	2202	2206	rBV	177882	245293	0.42%	0.198%
32	15.848	2207	2214	2227	rVV	1278089	2198700	3.79%	1.771%
33	15.966	2227	2234	2243	rVB	435320	699106	1.20%	0.563%
34	16.195	2269	2273	2280	rVB10	50191	106893	0.18%	0.086%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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	16.277	2280	2287	2294	rBV8	128803	318175	0.55%	0.256%
36	16.454	2310	2317	2322	rBV10	60613	142357	0.25%	0.115%
37	16.512	2322	2327	2330	rBV2	236613	342492	0.59%	0.276%
38	16.559	2331	2335	2341	rVB2	226776	397460	0.68%	0.320%
39	16.659	2346	2352	2356	rBV	433348	677740	1.17%	0.546%
40	16.712	2356	2361	2368	rVV4	457860	1071309	1.84%	0.863%
41	16.777	2368	2372	2376	rVV	473797	674644	1.16%	0.543%
42	16.824	2376	2380	2383	rVB	277587	371924	0.64%	0.300%
43	16.877	2384	2389	2395	rBV5	231830	604768	1.04%	0.487%
44	16.977	2400	2406	2412	rVB6	304257	685760	1.18%	0.552%
45	17.041	2412	2417	2421	rVV	389069	602330	1.04%	0.485%
46	17.076	2421	2423	2427	rVV4	153323	242427	0.42%	0.195%
47	17.118	2427	2430	2438	rVB2	249666	435999	0.75%	0.351%
48	17.259	2449	2454	2458	rBV7	78820	121191	0.21%	0.098%
49	17.306	2458	2462	2470	rBV3	210427	308179	0.53%	0.248%
50	17.447	2479	2486	2493	rBV7	160702	301867	0.52%	0.243%
51	17.605	2506	2513	2518	rBV	1485147	2423183	4.17%	1.952%
52	17.646	2518	2520	2524	rVV2	189297	231451	0.40%	0.186%
53	17.705	2524	2530	2539	rVV2	1395364	2251772	3.88%	1.814%
54	17.776	2539	2542	2548	rVB8	67557	109466	0.19%	0.088%
55	18.040	2583	2587	2598	rVB	209726	326416	0.56%	0.263%
56	18.328	2633	2636	2642	rVB7	70812	125623	0.22%	0.101%
57	18.451	2652	2657	2665	rBV3	921711	1401770	2.41%	1.129%
58	18.522	2665	2669	2677	rVB4	126335	210913	0.36%	0.170%
59	18.727	2701	2704	2710	rVB2	219837	253416	0.44%	0.204%
60	18.962	2740	2744	2748	rBV7	66430	103634	0.18%	0.083%
61	19.315	2797	2804	2807	rBV9	115988	233456	0.40%	0.188%
62	19.350	2807	2810	2818	rVB3	258864	382151	0.66%	0.308%
63	19.521	2833	2839	2844	rBV8	52688	128288	0.22%	0.103%
64	19.644	2848	2860	2864	rVB	440001	869917	1.50%	0.701%
65	19.703	2865	2870	2881	rBV	646229	940264	1.62%	0.757%
66	19.891	2899	2902	2904	rBV4	145570	152854	0.26%	0.123%
67	19.920	2904	2907	2911	rVB	296901	345986	0.60%	0.279%
68	19.973	2911	2916	2927	rVB2	1794476	3439035	5.92%	2.770%
69	20.308	2970	2973	2981	rBV6	54620	112634	0.19%	0.091%
70	20.443	2990	2996	3010	rBV3	407541	836661	1.44%	0.674%
71	20.784	3051	3054	3058	rBV3	84551	144368	0.25%	0.116%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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	20.942	3073	3081	3094	rVB7	344615	1198914	2.06%	0.966%
73	21.365	3149	3153	3160	rVB	276727	432099	0.74%	0.348%
74	21.471	3161	3171	3181	rBV5	532355	1277117	2.20%	1.029%
75	21.553	3182	3185	3190	rVB6	74582	127839	0.22%	0.103%
76	21.630	3191	3198	3203	rVB9	78065	214544	0.37%	0.173%
77	21.753	3209	3219	3228	rVB	30791798	58088262	100.00%	46.791%
78	21.894	3234	3243	3249	rBV2	1652965	3474811	5.98%	2.799%
79	22.024	3259	3265	3272	rBV6	193608	439006	0.76%	0.354%
80	22.452	3332	3338	3345	rVB	274213	542191	0.93%	0.437%
81	22.529	3346	3351	3357	rVB	233385	392290	0.68%	0.316%
82	22.881	3406	3411	3417	rBV7	126866	256905	0.44%	0.207%
83	23.005	3426	3432	3445	rVB	786399	1738996	2.99%	1.401%
84	23.240	3469	3472	3483	rVB	92339	229596	0.40%	0.185%
85	23.357	3485	3492	3505	rBV8	248074	700458	1.21%	0.564%
86	23.586	3527	3531	3538	rVB2	113415	221727	0.38%	0.179%
87	23.898	3577	3584	3592	rVB2	259888	607753	1.05%	0.490%
88	24.039	3605	3608	3615	rVB2	118950	224069	0.39%	0.180%
89	24.227	3631	3640	3657	rBV3	388989	1465810	2.52%	1.181%
90	24.644	3703	3711	3715	rBV2	472192	1194914	2.06%	0.963%
91	24.997	3764	3771	3777	rBV3	99411	274913	0.47%	0.221%
92	25.085	3777	3786	3795	rBV2	785252	2424048	4.17%	1.953%
93	25.320	3817	3826	3837	rBV	888654	2600996	4.48%	2.095%
94	25.907	3920	3926	3937	rVB8	229488	674246	1.16%	0.543%
95	26.413	4008	4012	4022	rVB3	130322	393059	0.68%	0.317%
96	26.565	4030	4038	4045	rBV3	115742	360502	0.62%	0.290%
97	26.789	4073	4076	4088	rVB3	83148	263796	0.45%	0.212%
98	26.935	4092	4101	4119	rVB	322961	1258364	2.17%	1.014%
99	29.233	4485	4492	4493	rBV5	66753	140176	0.24%	0.113%
100	29.562	4543	4548	4560	rVB9	76354	282978	0.49%	0.228%

Sum of corrected areas: 124145225

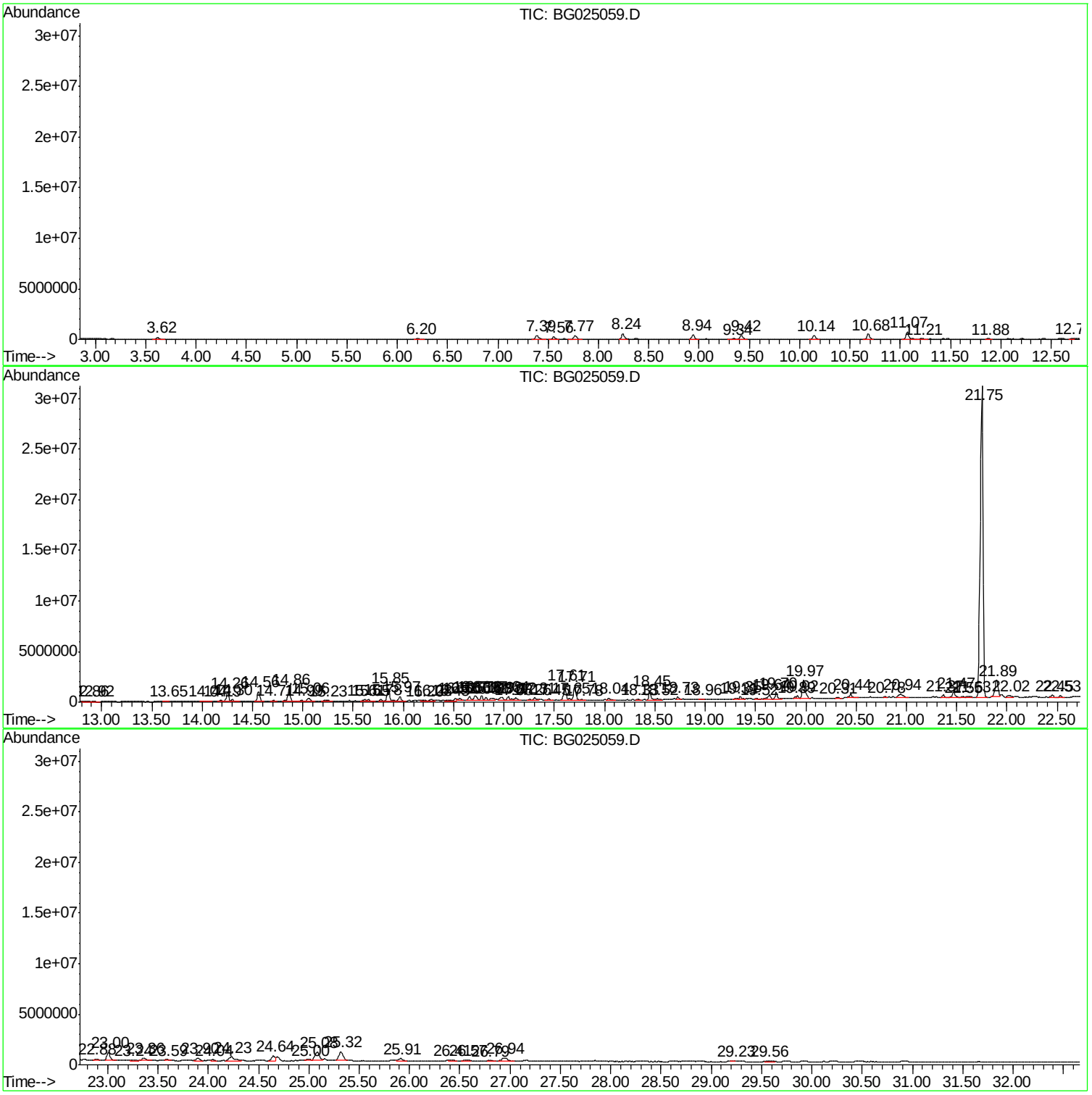
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

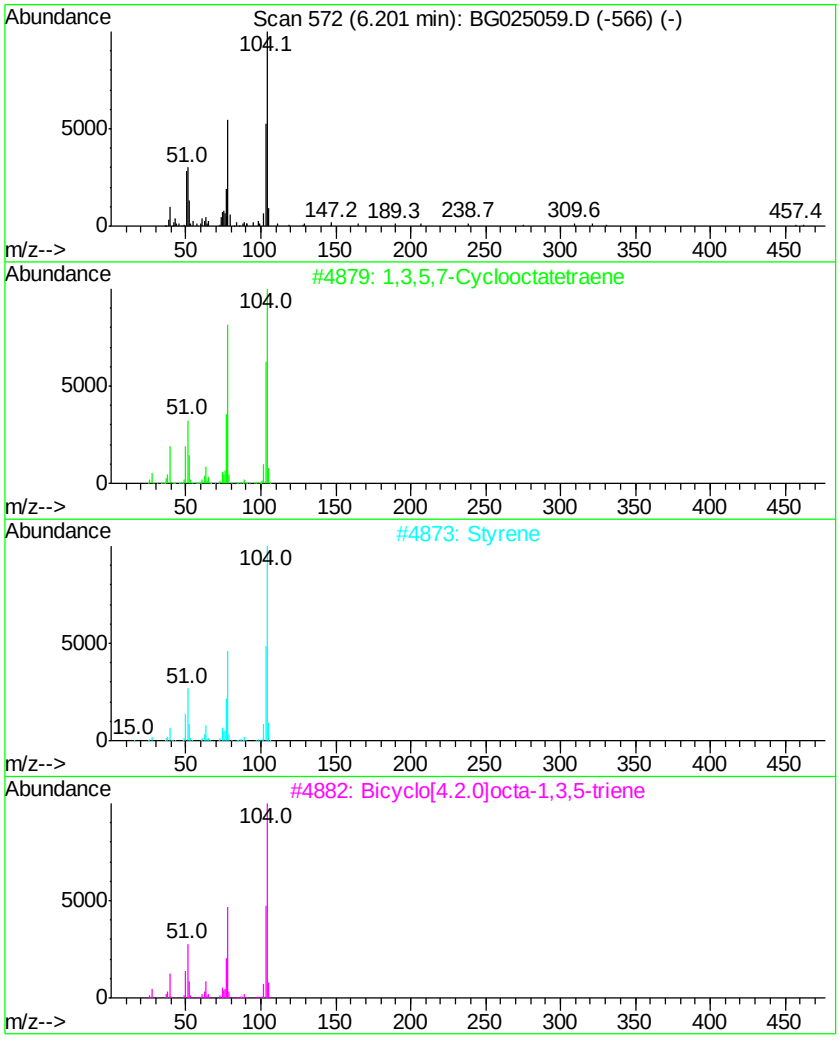
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

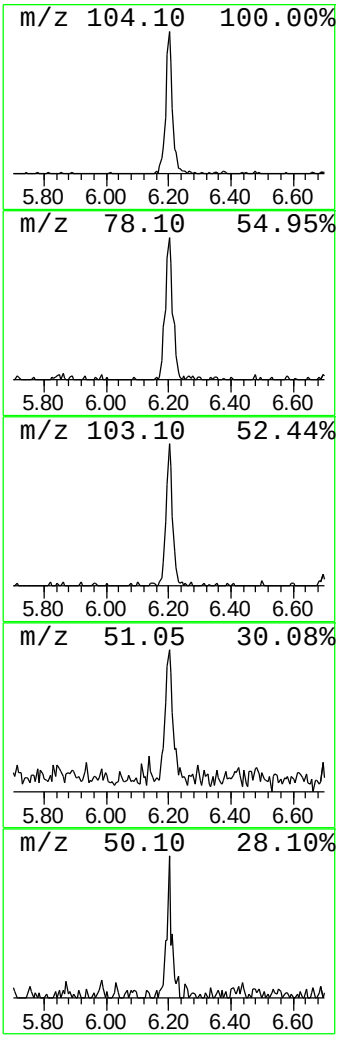
****

Peak Number 1 1,3,5,7-Cyclooctatetraene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.20	3.22 ng/ul	151826	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	90
2	Styrene	104	C8H8	000100-42-5	87
3	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	87
4	1,3,5,7-Cyclooctatetraene	104	C8H8	000629-20-9	87
5	Bicyclo[4.2.0]octa-1,3,5-triene	104	C8H8	000694-87-1	86





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

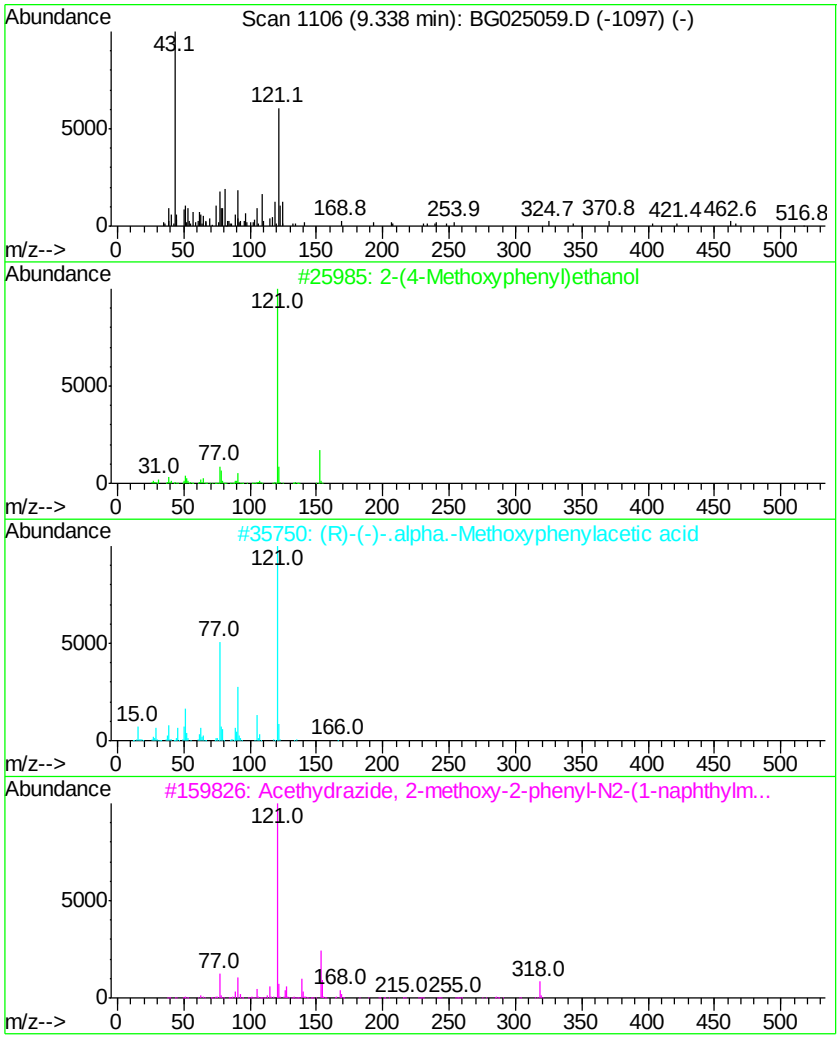
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

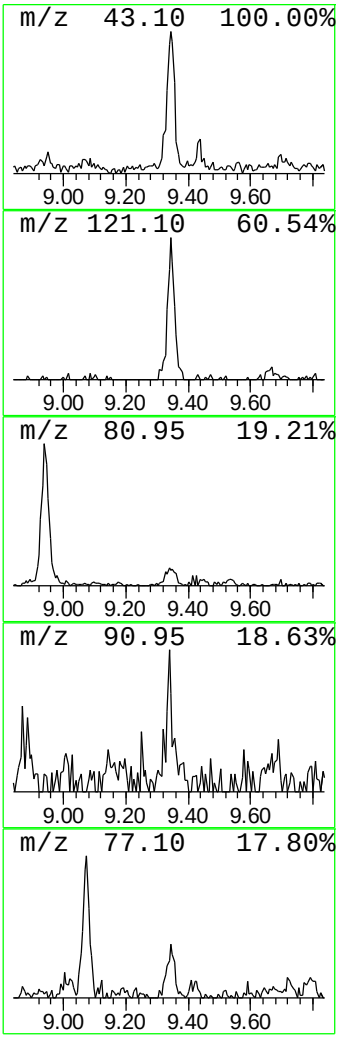
****

Peak Number 2 unknown-01 Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.34	2.52 ng/ul	118537	1,4-Dichlorobenzene-d4	8.24

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-(4-Methoxyphenyl)ethanol	152	C9H12O2	000702-23-8	30
2	(R)-(-)-.alpha.-Methoxyphenylace...	166	C9H10O3	003966-32-3	27
3	Acethydrazide, 2-methoxy-2-phenyl...	318	C20H18N2O2	351372-17-3	27
4	Acetamide, N-cyclopropyl-2-metho...	205	C12H15NO2	1000305-01-6	27
5	Benzeneacetic acid, .alpha.-meth...	166	C9H10O3	026164-26-1	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

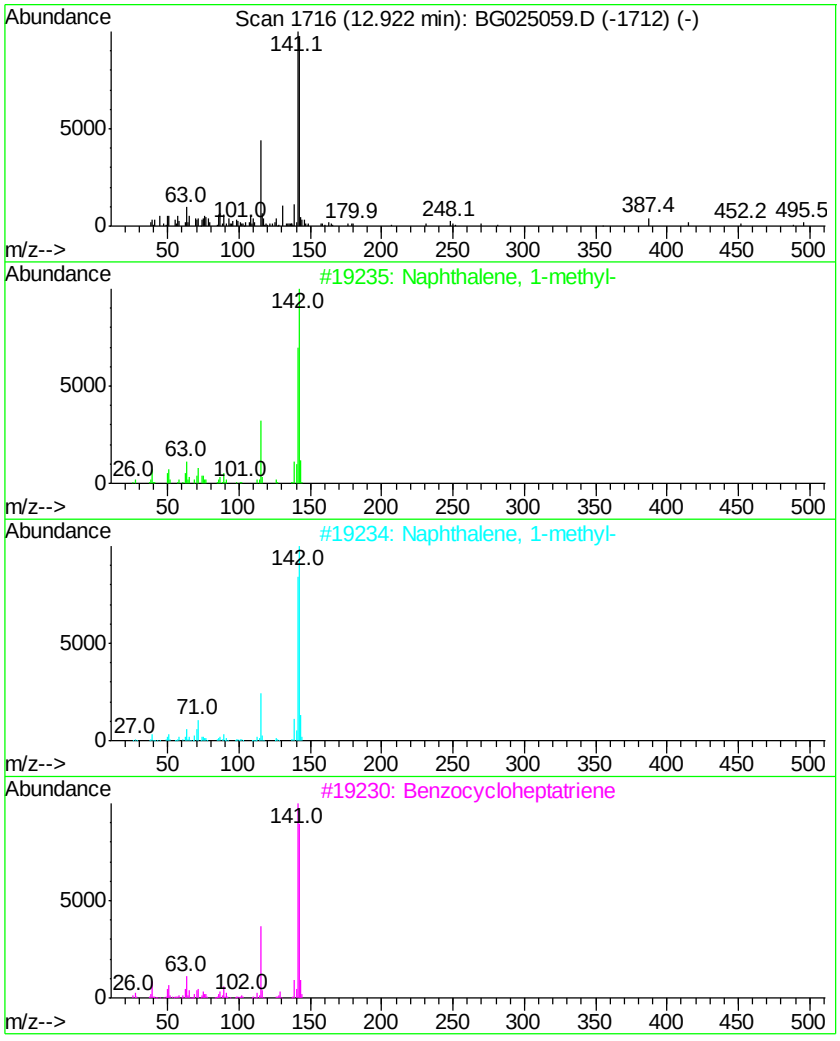
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

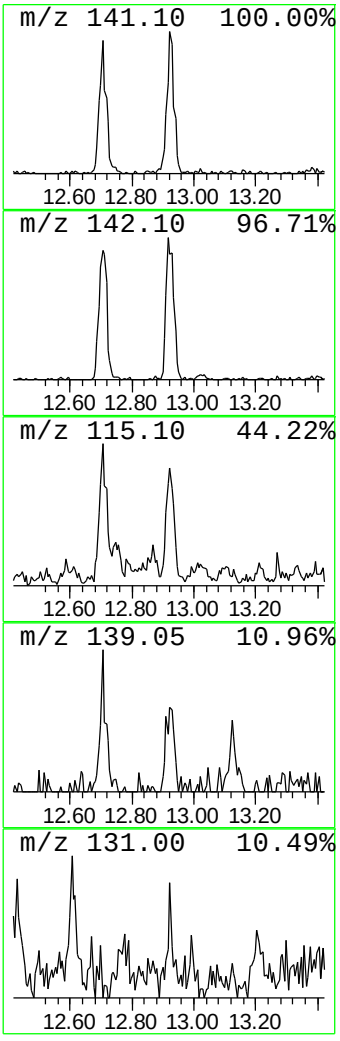
****

Peak Number 3 Naphthalene, 1-methyl- Concentration Rank 43

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.92	2.02 ng/ul	143678	Naphthalene-d8	11.07

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





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

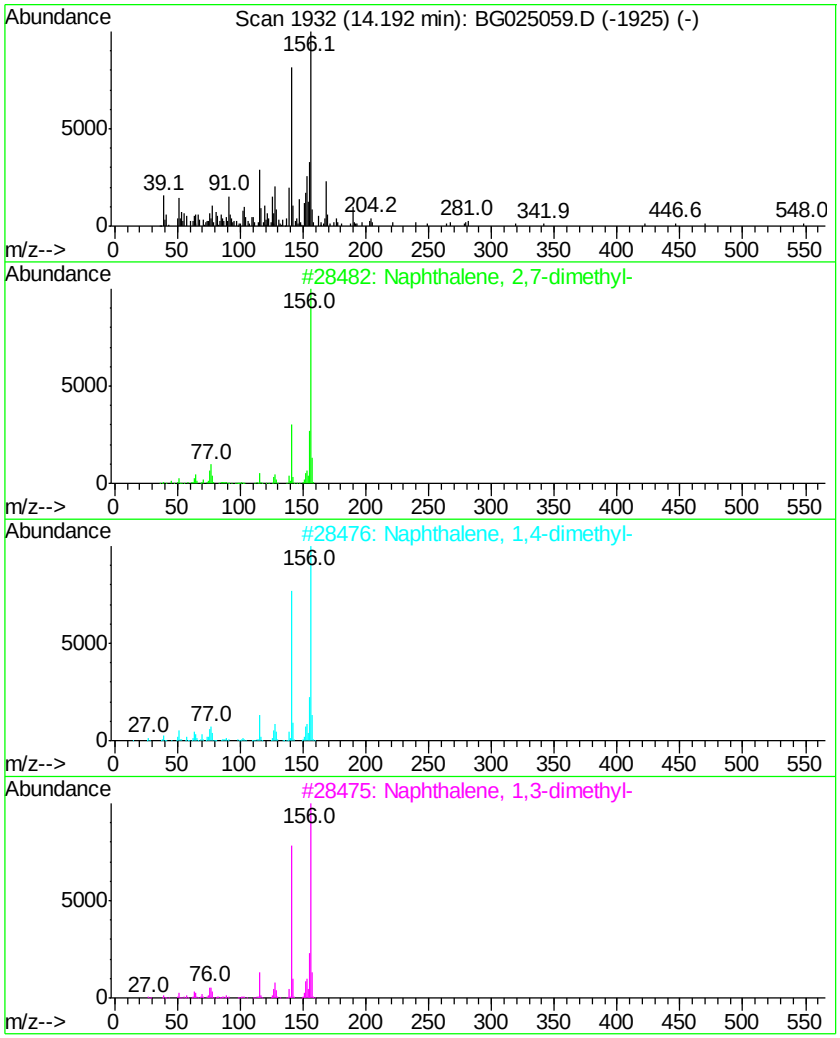
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

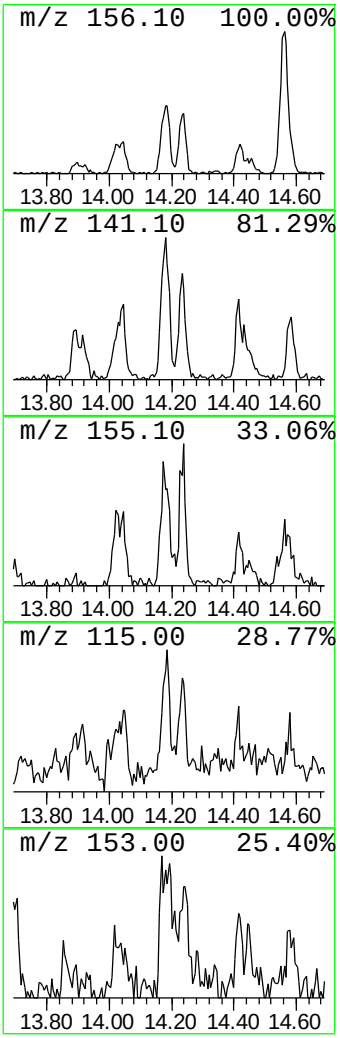
****

Peak Number 4 Naphthalene, 2,7-dimethyl- Concentration Rank 40

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.19	2.10 ng/ul	237767	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	94
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	94
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	93
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

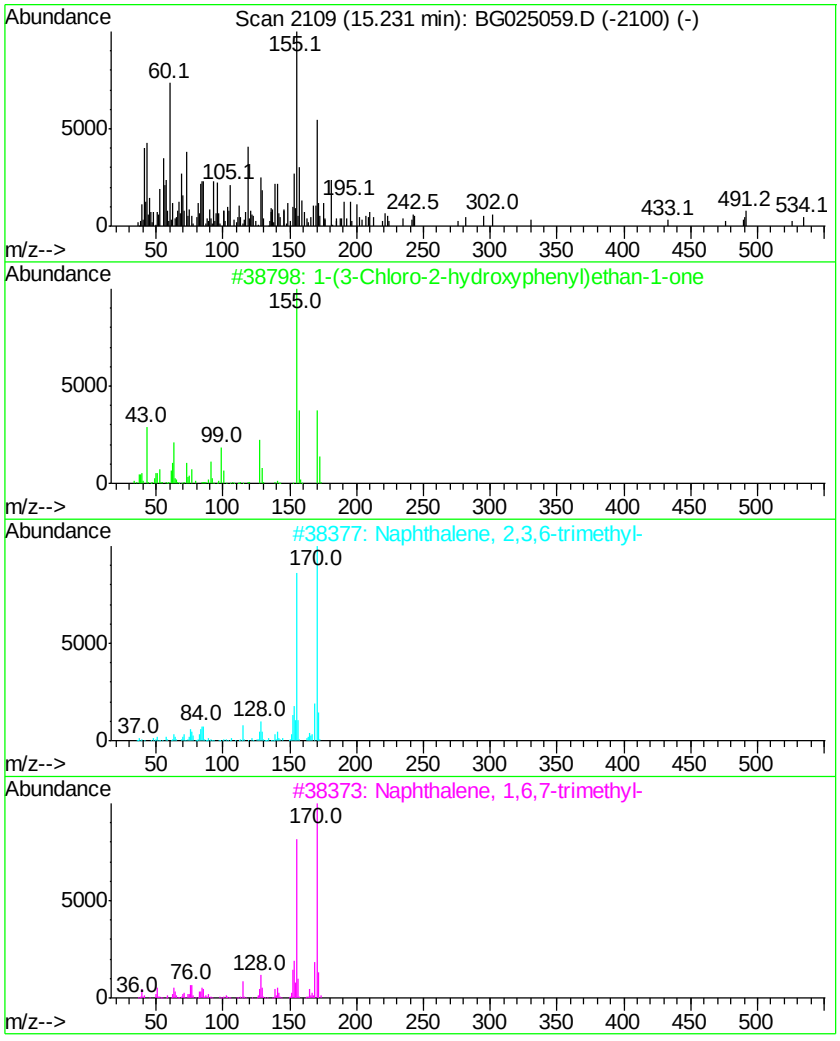
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

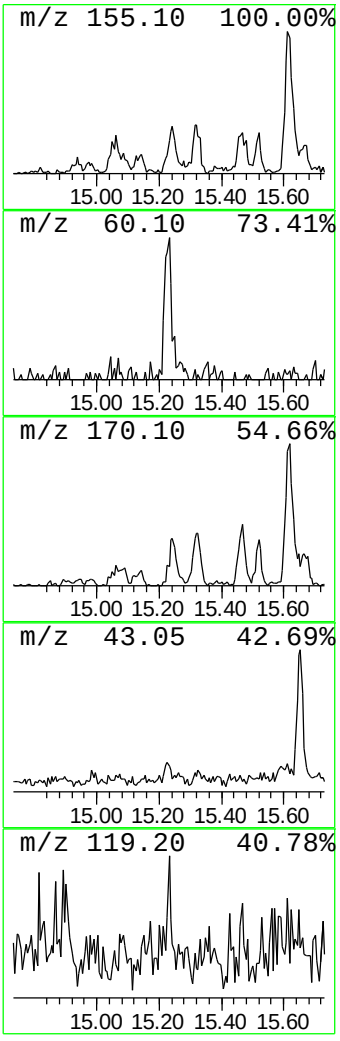
****

Peak Number 5 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.23	2.69 ng/ul	304625	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-(3-Chloro-2-hydroxyphenyl)etha...	170	C8H7ClO2	003226-34-4	38
2	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	38
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	30
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	25
5	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

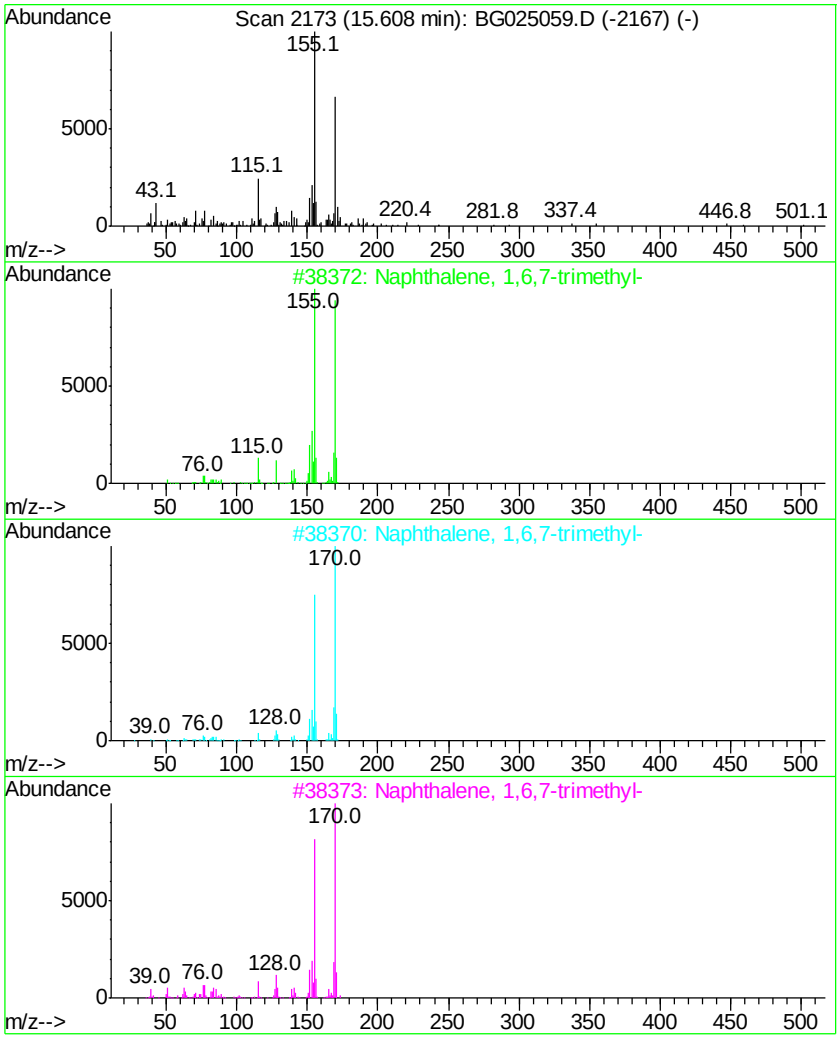
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

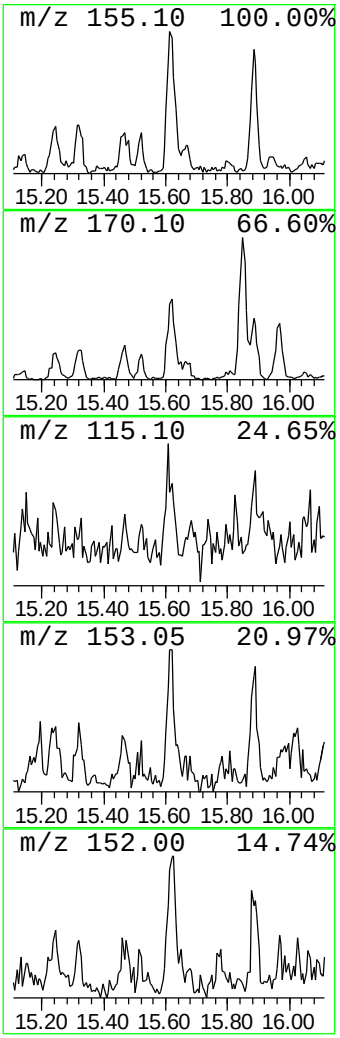
****

Peak Number 6 Naphthalene, 1,6,7-trimethyl- Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.61	2.41 ng/ul	272753	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	98
2	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
3	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	97
4	Naphthalene, 1,4,5-trimethyl-	170	C13H14	002131-41-1	96
5	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	96





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

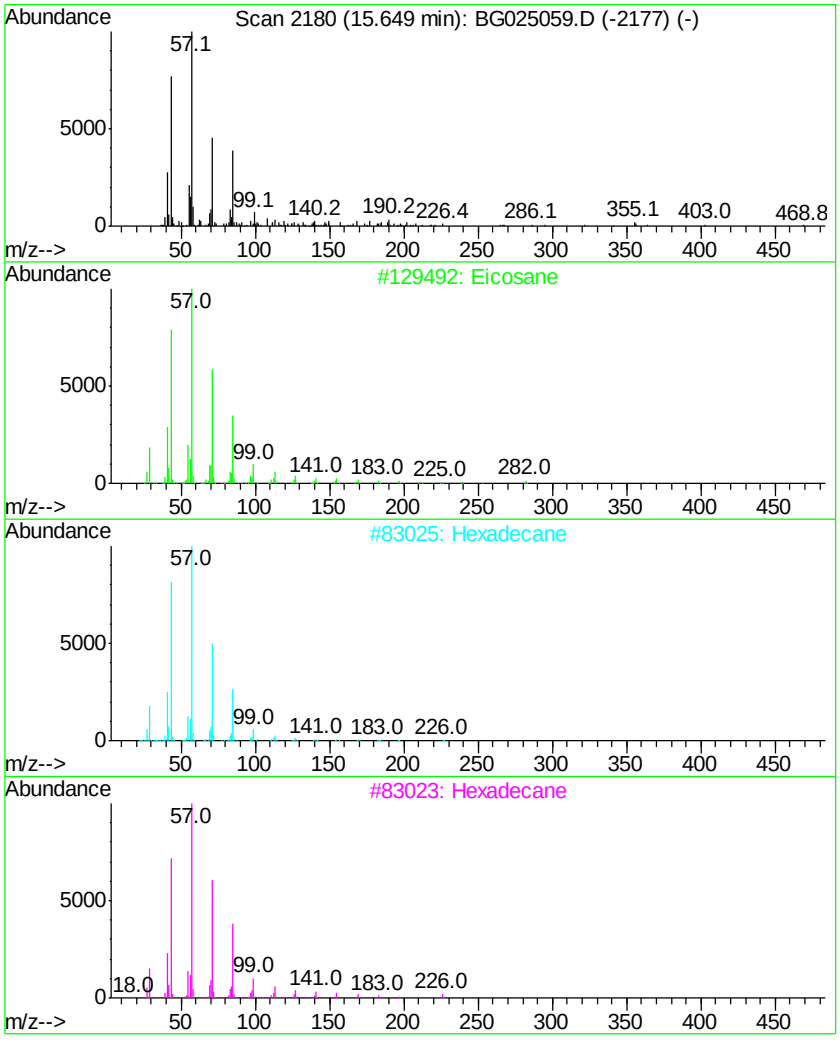
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

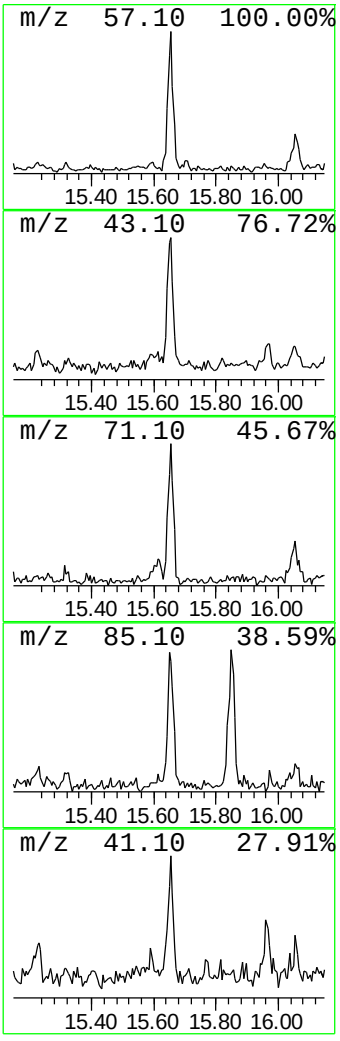
****

Peak Number 7 (DEL) Alkane: Straight-Chai... Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.65	2.65 ng/ul	300460	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	64
2	Hexadecane	226	C16H34	000544-76-3	64
3	Hexadecane	226	C16H34	000544-76-3	62
4	Hexadecane	226	C16H34	000544-76-3	62
5	Octane, 3,5-dimethyl-	142	C10H22	015869-93-9	60





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

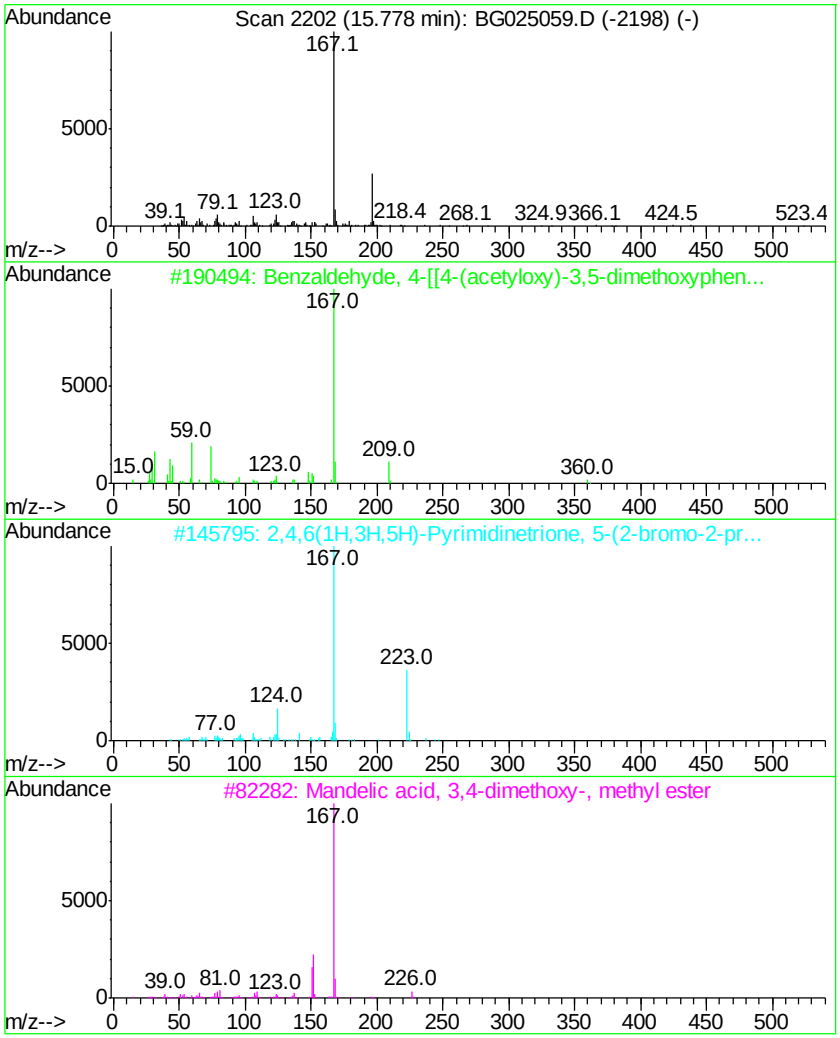
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

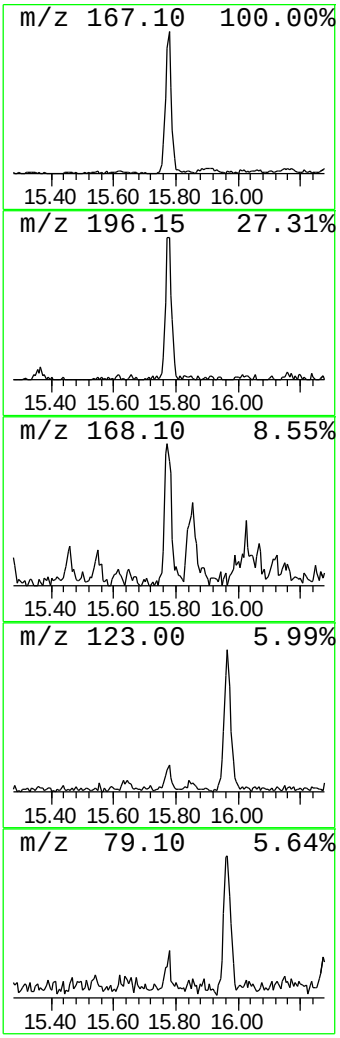
****

Peak Number 8 unknown-03 Concentration Rank 38

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.78	2.17 ng/ul	245293	Acenaphthene-d10	14.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-[[4-(acetyloxy)-...	360	C19H20O7	055525-41-2	42
2	2,4,6(1H,3H,5H)-Pyrimidinetrione...	302	C11H15BrN2O3	001142-70-7	42
3	Mandelic acid, 3,4-dimethoxy-, m...	226	C11H14O5	002911-73-1	40
4	2,4-Hexadienedioic acid, 3,4-die...	226	C12H18O4	031447-54-8	40
5	1-Pentanone, 1-(2,4,6-trihydroxy...	224	C12H16O4	049583-26-8	40





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

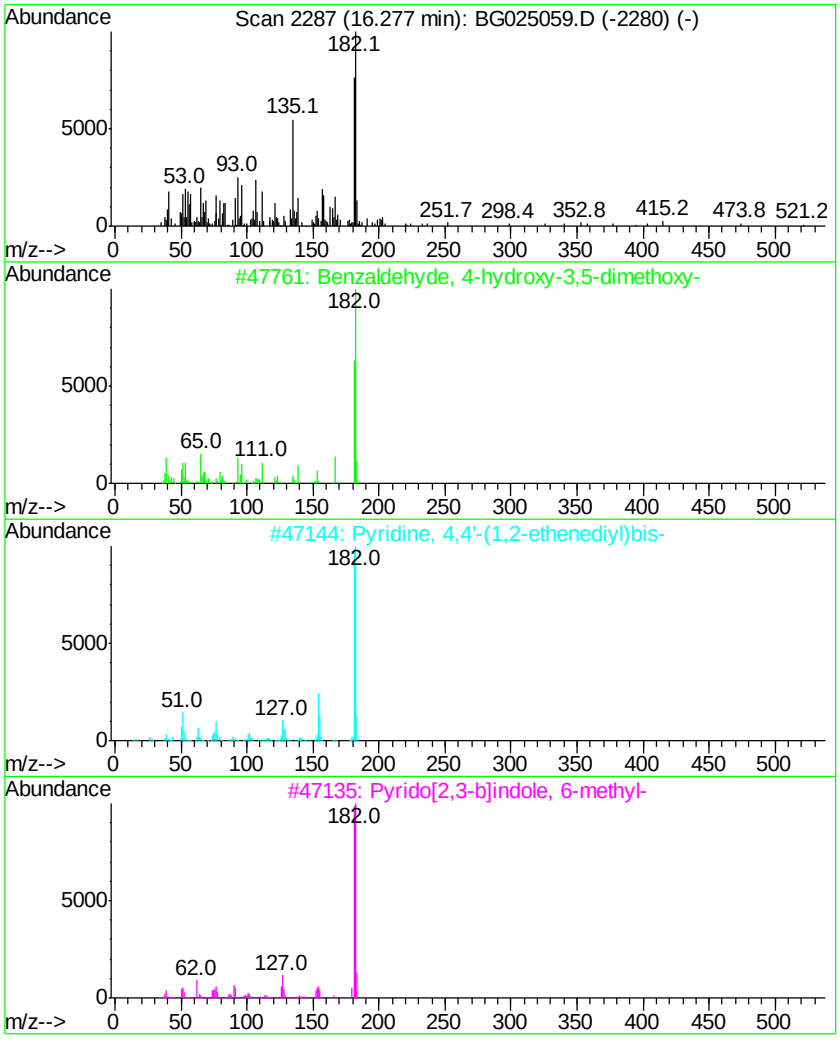
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

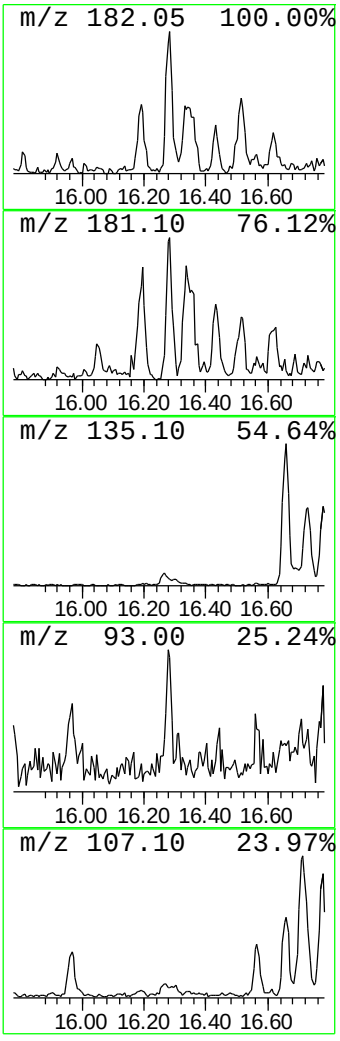
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Benzaldehyde, 4-hydroxy-3,5... Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.28	2.63 ng/ul	318175	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	60
2	Pyridine, 4,4'-(1,2-ethenediyl)bis-	182	C12H10N2	001135-32-6	53
3	Pyrido[2,3-b]indole, 6-methyl-	182	C12H10N2	108349-67-3	49
4	Norharmane, N-methyl-	182	C12H10N2	1000374-78-6	49
5	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	49





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

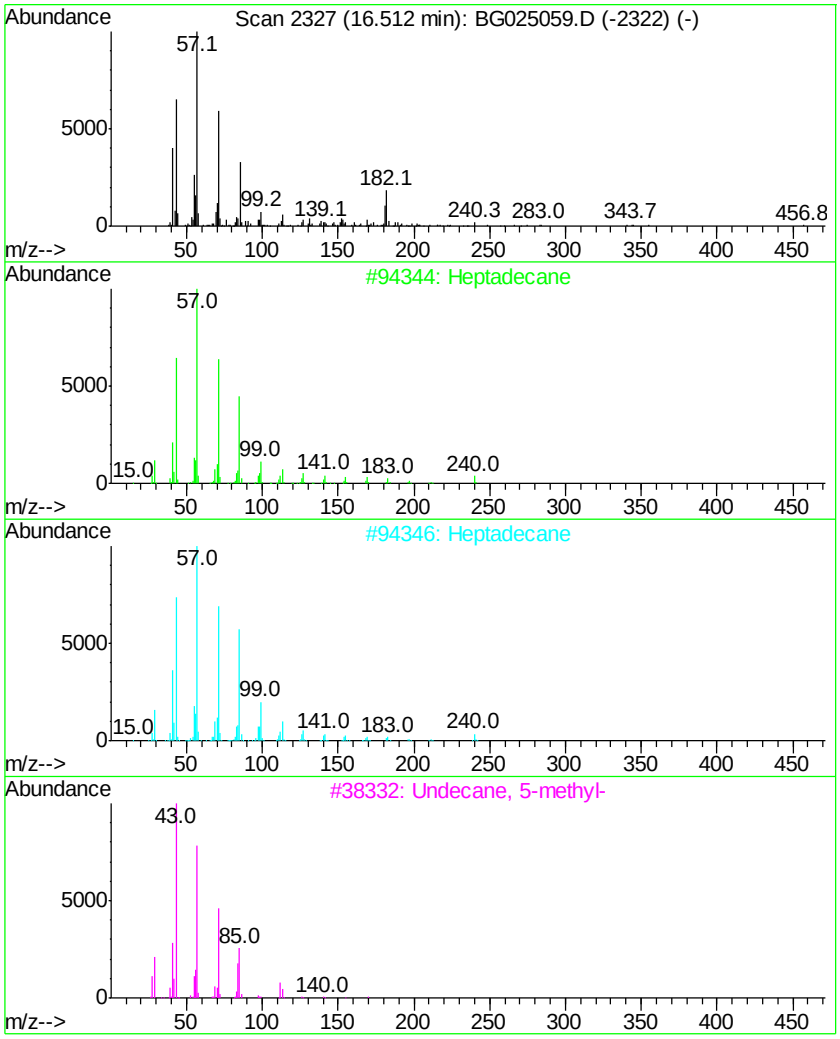
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

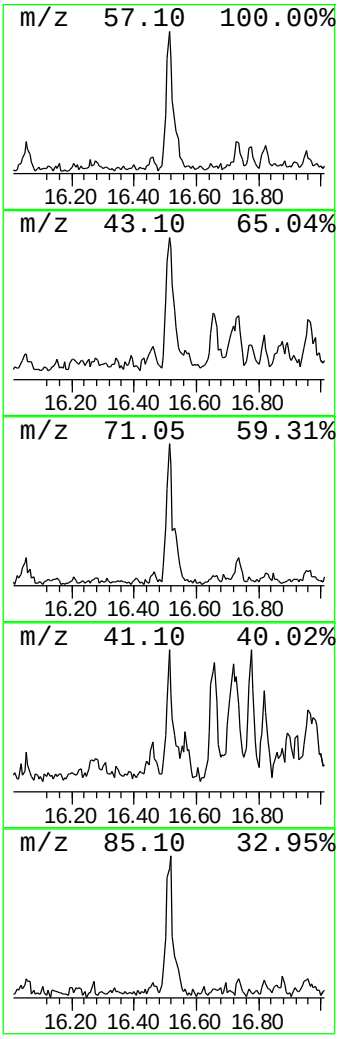
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 (DEL) Alkane: Straight-Chai... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.51	2.83 ng/ul	342492	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	70
2	Heptadecane	240	C17H36	000629-78-7	70
3	Undecane, 5-methyl-	170	C12H26	001632-70-8	58
4	Behenyl chloride	344	C22H45Cl	042217-03-8	58
5	Hexadecane	226	C16H34	000544-76-3	58





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

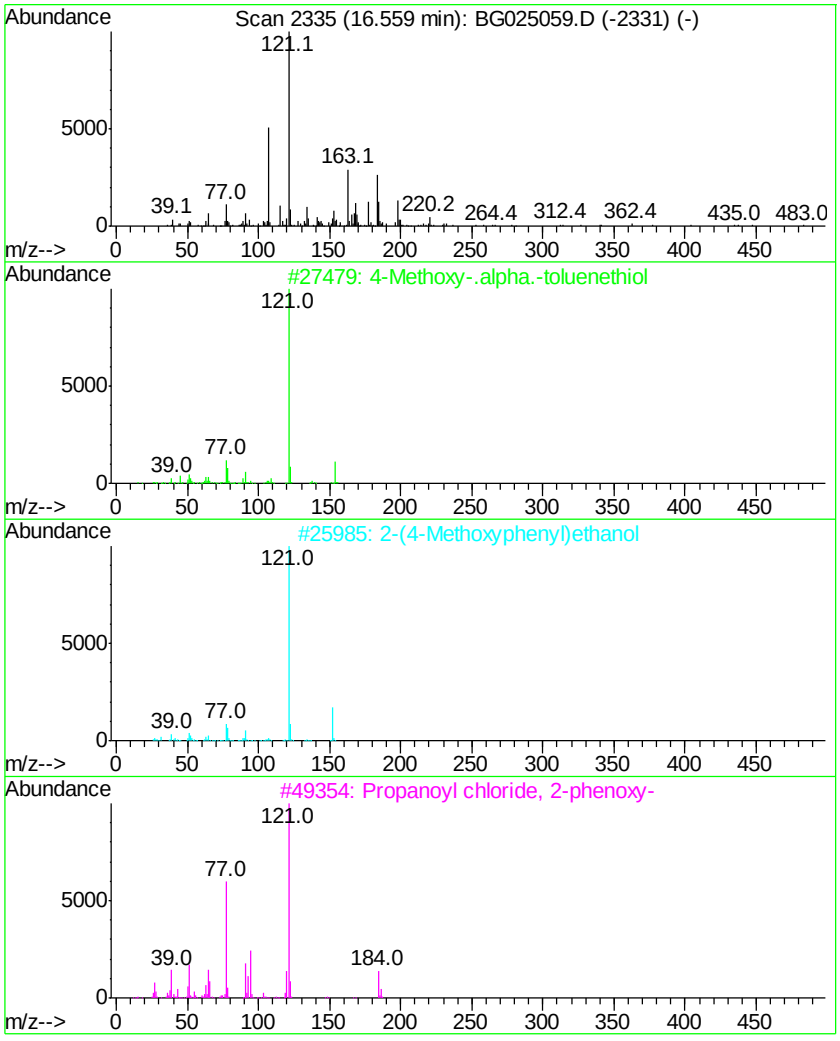
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

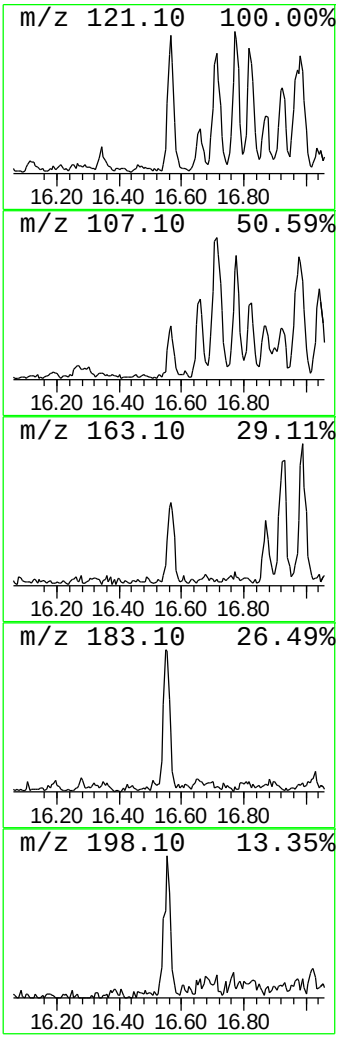
****

Peak Number 11 unknown-04 Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.56	3.28 ng/ul	397460	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methoxy-.alpha.-toluenethiol	154	C8H10OS	006258-60-2	30
2	2-(4-Methoxyphenyl)ethanol	152	C9H12O2	000702-23-8	27
3	Propanoyl chloride, 2-phenoxy-	184	C9H9ClO2	000122-35-0	27
4	4-Methoxy-.alpha.-toluenethiol	154	C8H10OS	006258-60-2	27
5	4-Methoxyphenoxyphenylacetamide	165	C9H11NO2	006343-93-7	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

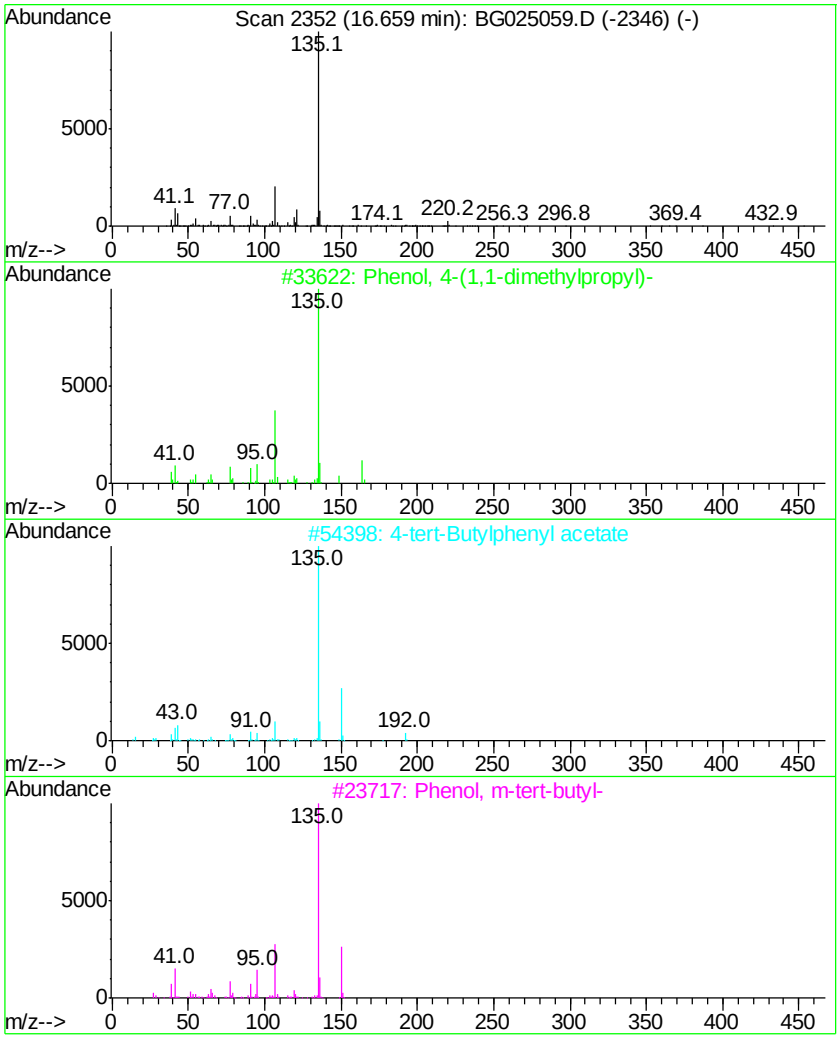
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

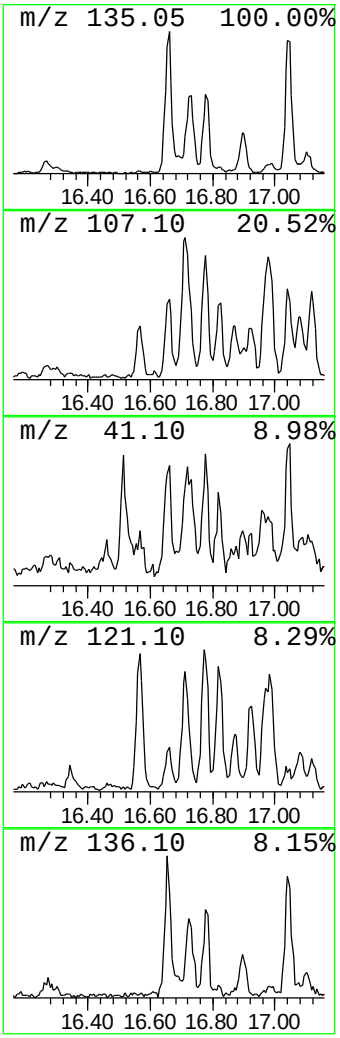
****

Peak Number 12 Phenol, 4-(1,1-dimethylprop... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.66	5.59 ng/ul	677740	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	72
2	4-tert-Butylphenyl acetate	192	C12H16O2	003056-64-2	72
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	72
4	Benzoic acid, 4-(bromomethyl)-	214	C8H7BrO2	006232-88-8	64
5	1-Adamantanecarboxylic acid, 2-p...	220	C14H20O2	107144-95-6	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

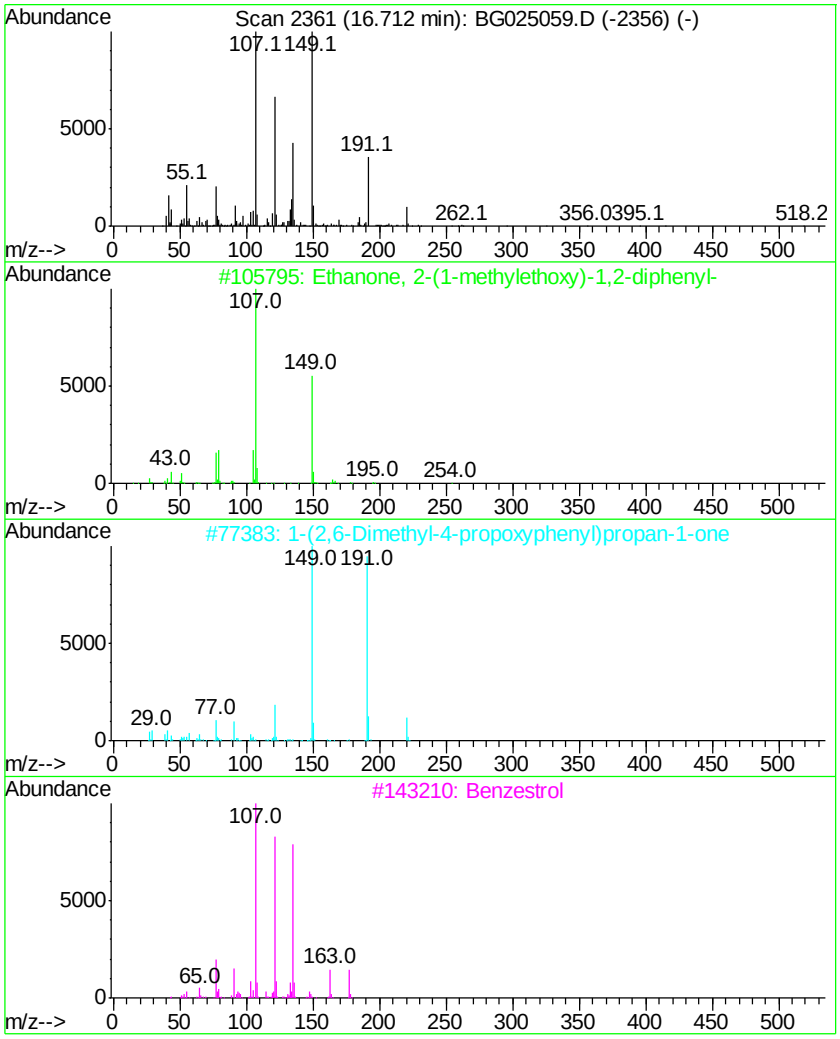
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

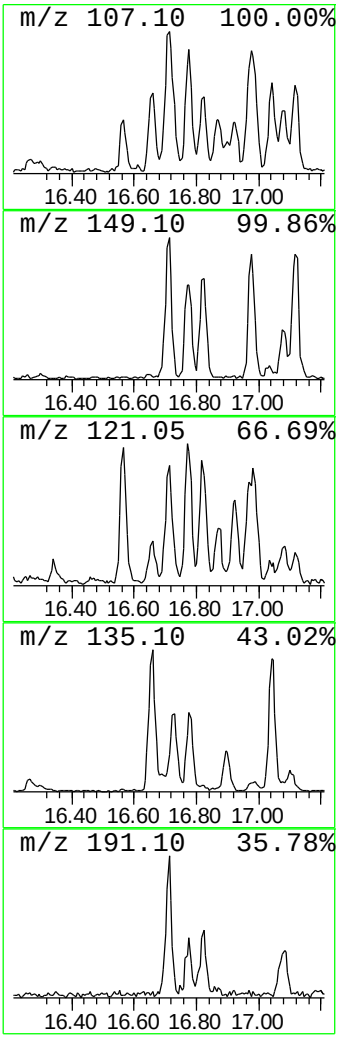
****

Peak Number 13 unknown-05 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.71	8.84 ng/ul	1071310	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanone, 2-(1-methylethoxy)-1,2...	254	C17H18O2	006652-28-4	38
2	1-(2,6-Dimethyl-4-propoxyphenyl)...	220	C14H20O2	1000190-22-3	30
3	Benzestrol	298	C20H26O2	000085-95-0	27
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	27
5	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

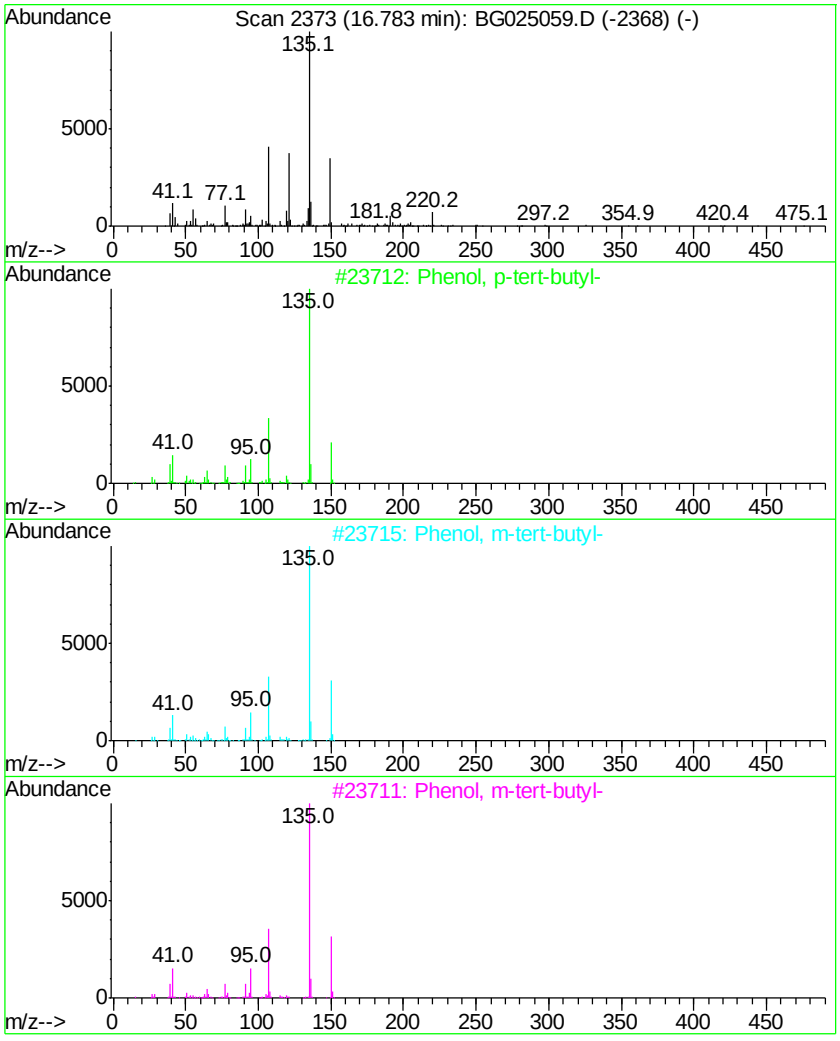
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

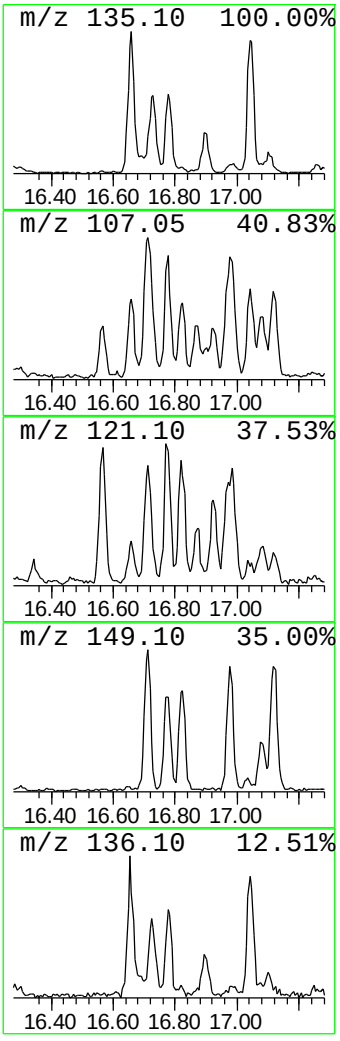
****

Peak Number 14 Phenol, p-tert-butyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.78	5.57 ng/ul	674644	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, p-tert-butyl-	150	C10H14O	000098-54-4	58
2	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	52
3	Phenol, m-tert-butyl-	150	C10H14O	000585-34-2	50
4	((1,2-Diethylethylene)bis(p-phen...	354	C22H26O4	004547-76-6	50
5	Hexestrol	270	C18H22O2	005635-50-7	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

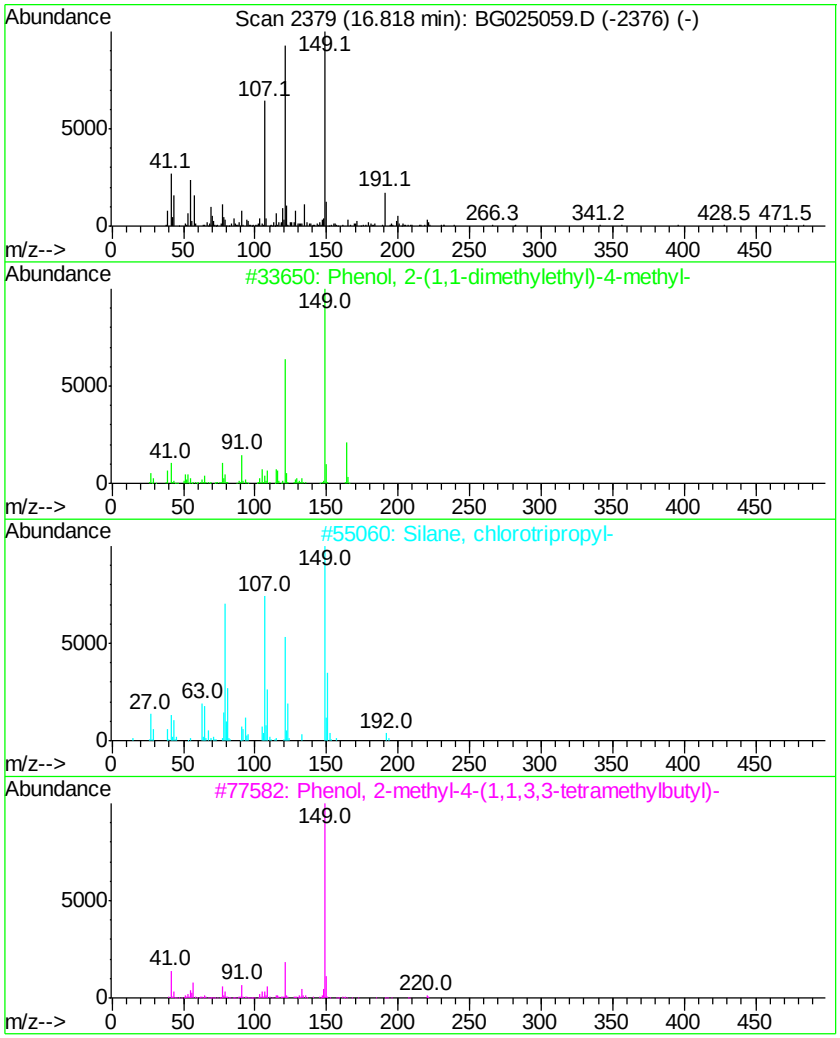
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

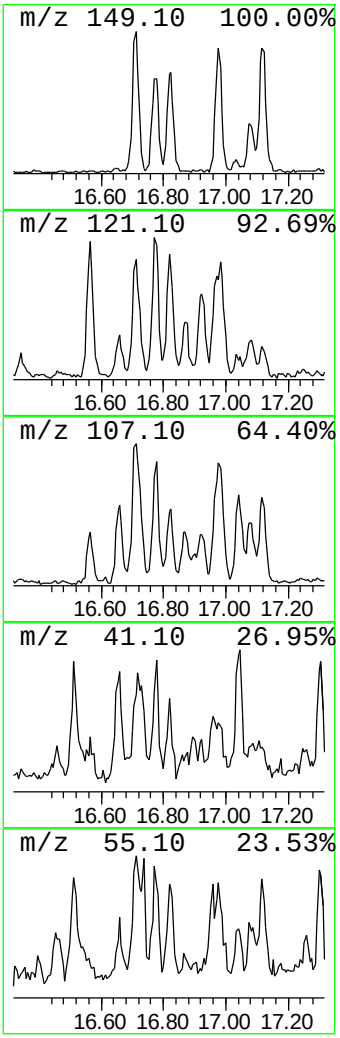
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Phenol, 2-(1,1-dimethylethy... Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	3.07 ng/ul	371924	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2-(1,1-dimethylethyl)-4-...	164	C11H16O	002409-55-4	50
2	Silane, chlorotripropyl-	192	C9H21ClSi	000995-25-5	43
3	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	38
4	Pyridine-3-carbonitrile, 1,2-dih...	191	C9H9N3O2	220098-92-0	35
5	Phenol, 2-(1-methylpropyl)-	150	C10H14O	000089-72-5	25





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

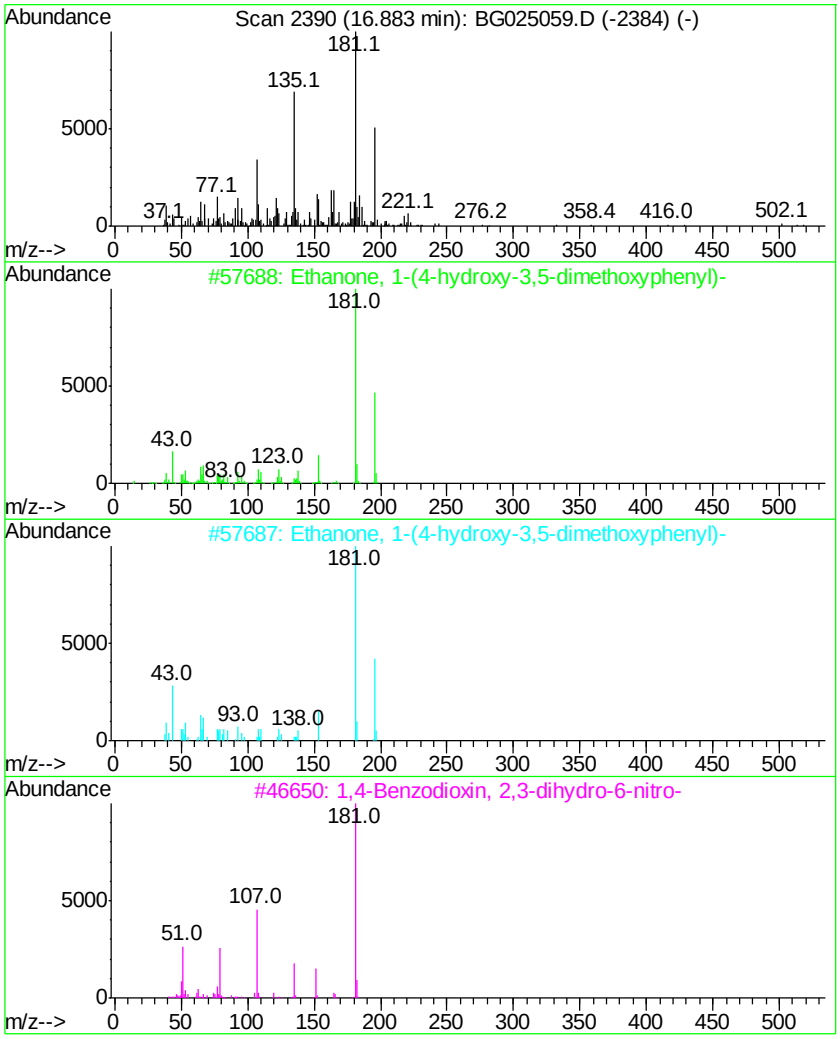
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

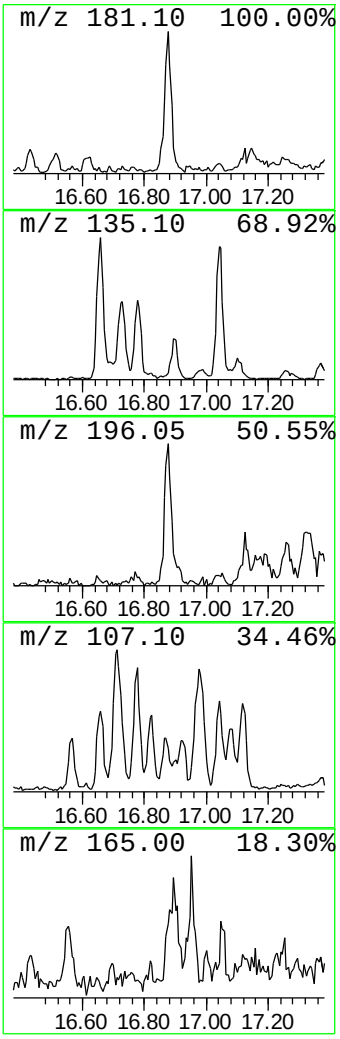
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Ethanone, 1-(4-hydroxy-3,5-... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.88	4.99 ng/ul	604768	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	78
2	Ethanone, 1-(4-hydroxy-3,5-dimet...	196	C10H12O4	002478-38-8	60
3	1,4-Benzodioxin, 2,3-dihydro-6-n...	181	C8H7NO4	016498-20-7	60
4	Xanthoxylin	196	C10H12O4	000090-24-4	55
5	Orcinol, trimethylsilyl ether	196	C10H16O2Si	1000352-83-3	49





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

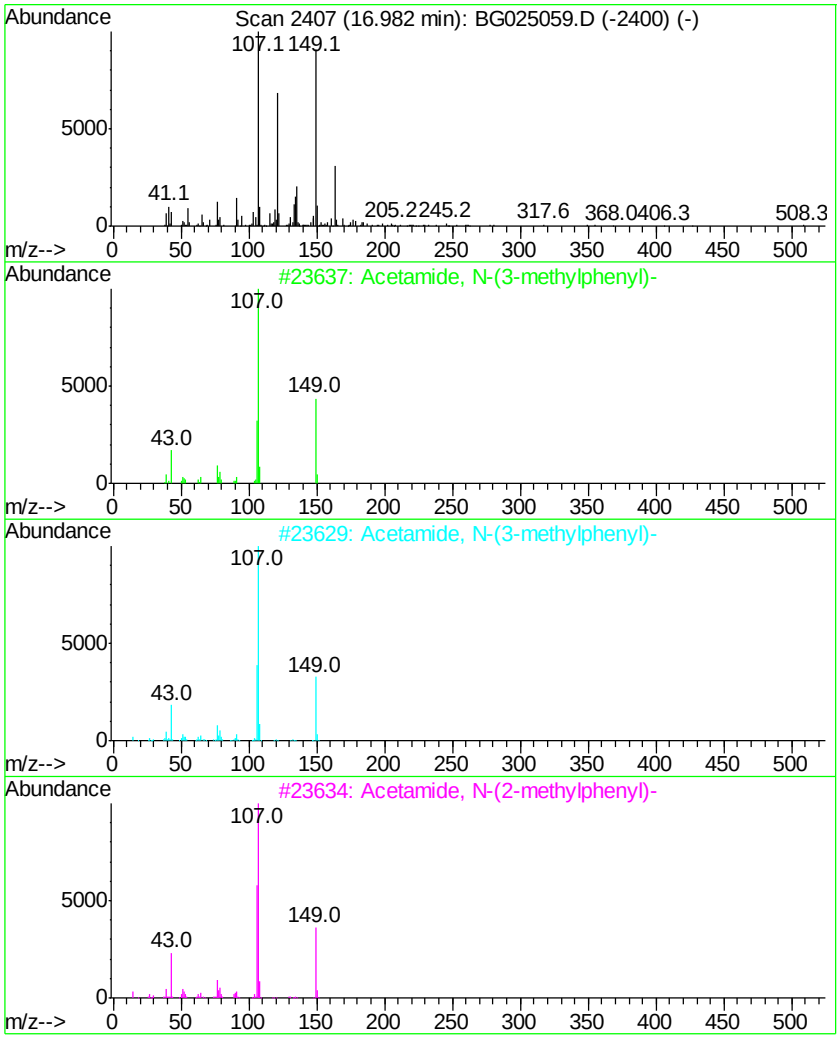
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

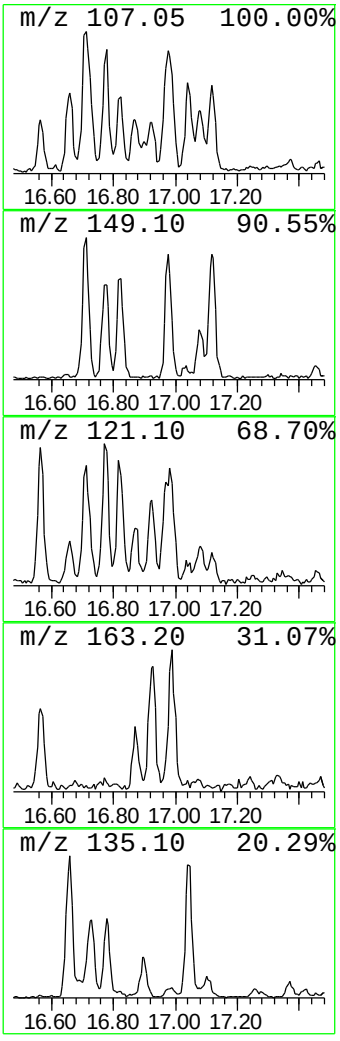
****

Peak Number 17 Acetamide, N-(3-methylphenyl)- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.98	5.66 ng/ul	685760	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
2	Acetamide, N-(3-methylphenyl)-	149	C9H11NO	000537-92-8	58
3	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	53
4	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	53
5	Acetamide, N-(2-methylphenyl)-	149	C9H11NO	000120-66-1	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

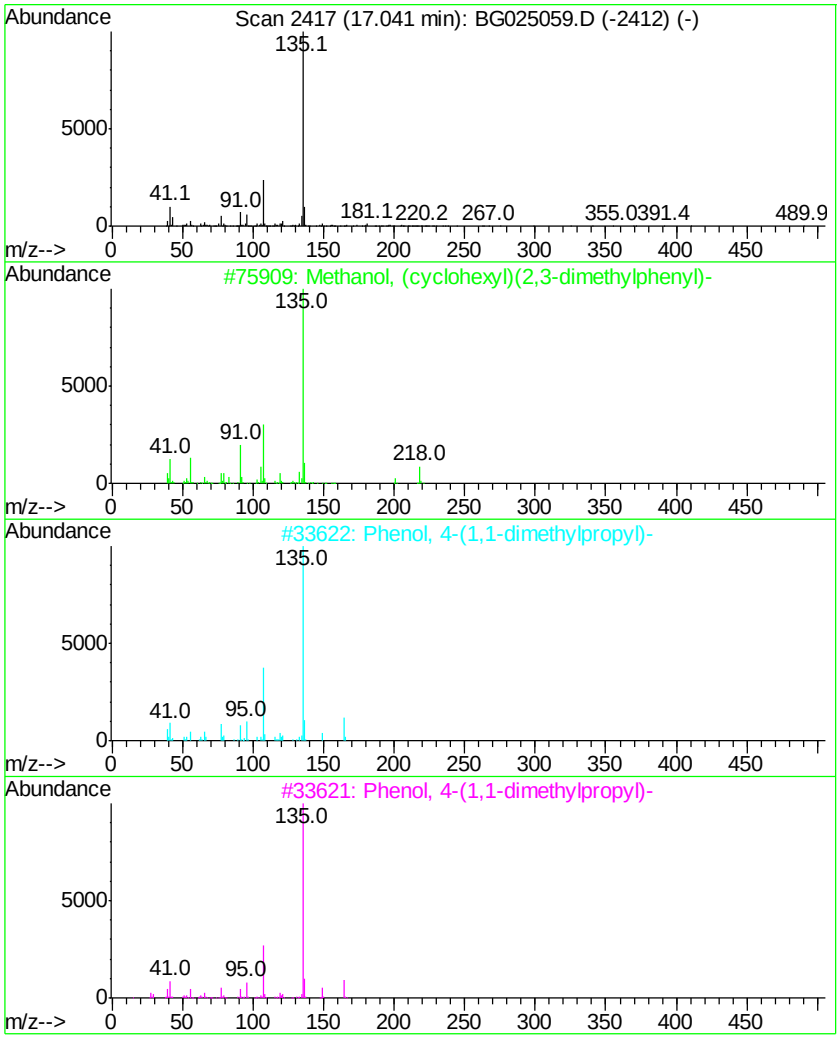
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

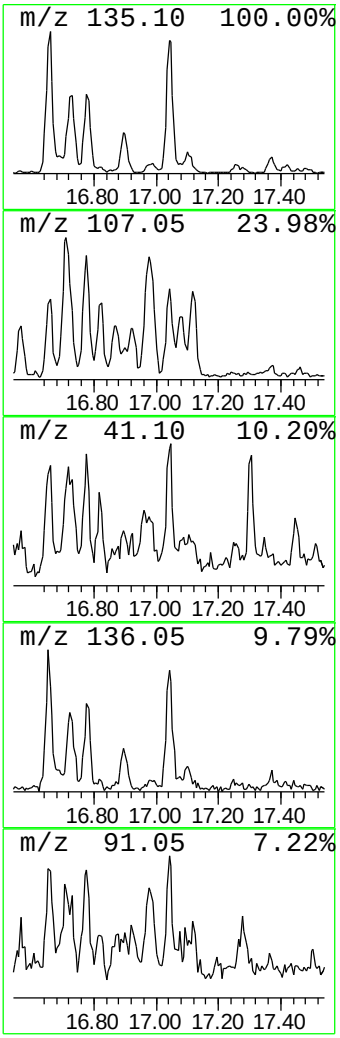
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Methanol, (cyclohexyl)(2,3-... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.04	4.97 ng/ul	602330	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanol, (cyclohexyl)(2,3-dimet...	218	C15H22O	349498-47-1	72
2	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
3	Phenol, 4-(1,1-dimethylpropyl)-	164	C11H16O	000080-46-6	56
4	Tricyclo[3.3.1.1(3,7)]decane, 2-...	214	C10H15Br	007314-85-4	53
5	Thymol	150	C10H14O	000089-83-8	53





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

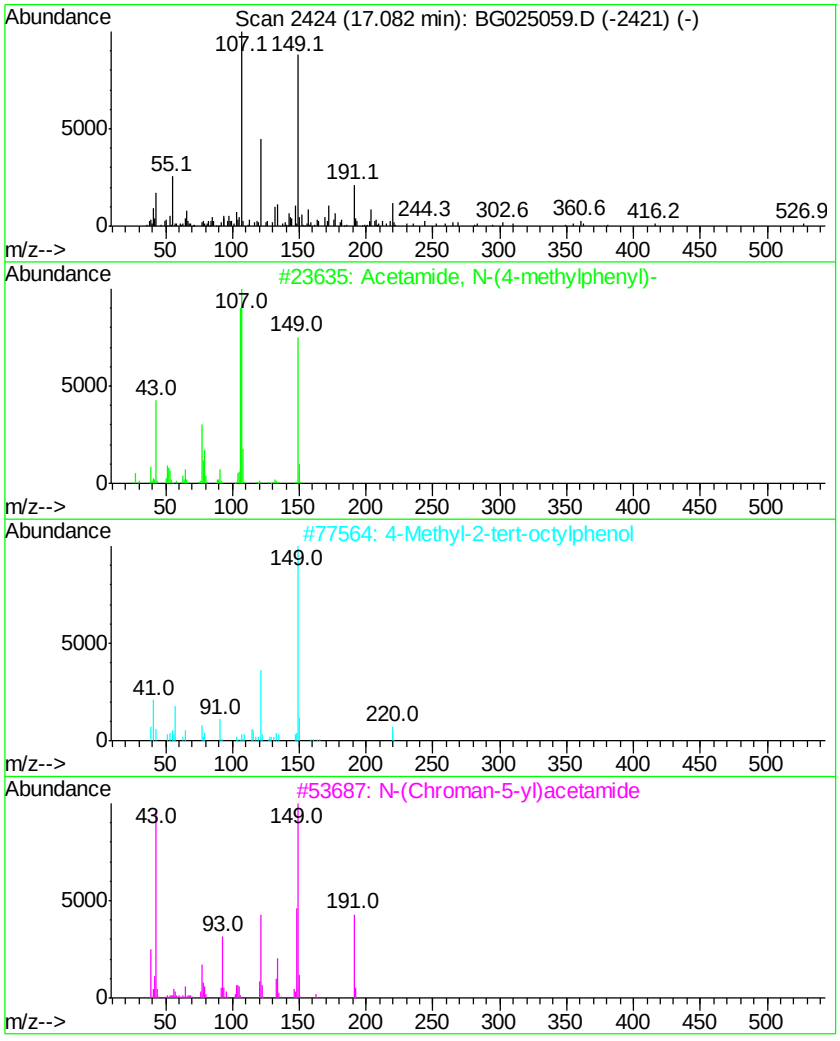
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

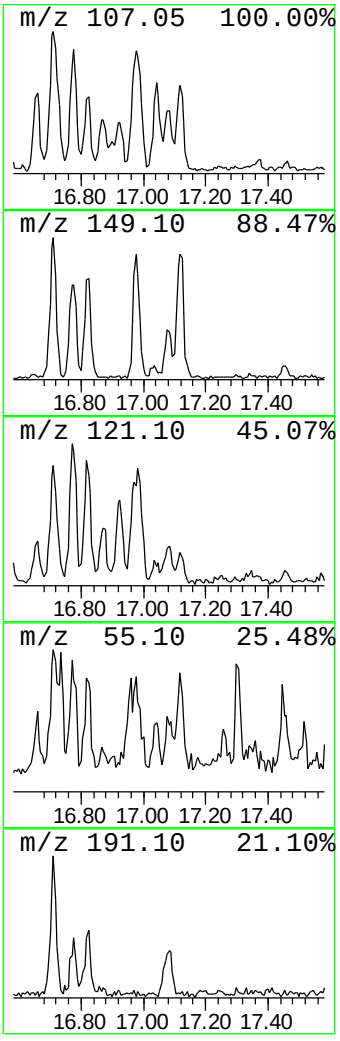
****

Peak Number 19 unknown-06 Concentration Rank 44

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.08	2.00 ng/ul	242427	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetamide, N-(4-methylphenyl)-	149	C9H11NO	000103-89-9	47
2	4-Methyl-2-tert-octylphenol	220	C15H24O	004979-46-8	38
3	N-(Chroman-5-yl)acetamide	191	C11H13NO2	1000306-69-8	35
4	Di(E)-but-2-enyl phthalate	274	C16H18O4	1000373-50-0	35
5	Phthalic acid, phenyl 2-propyl e...	284	C17H16O4	1000315-56-5	35





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

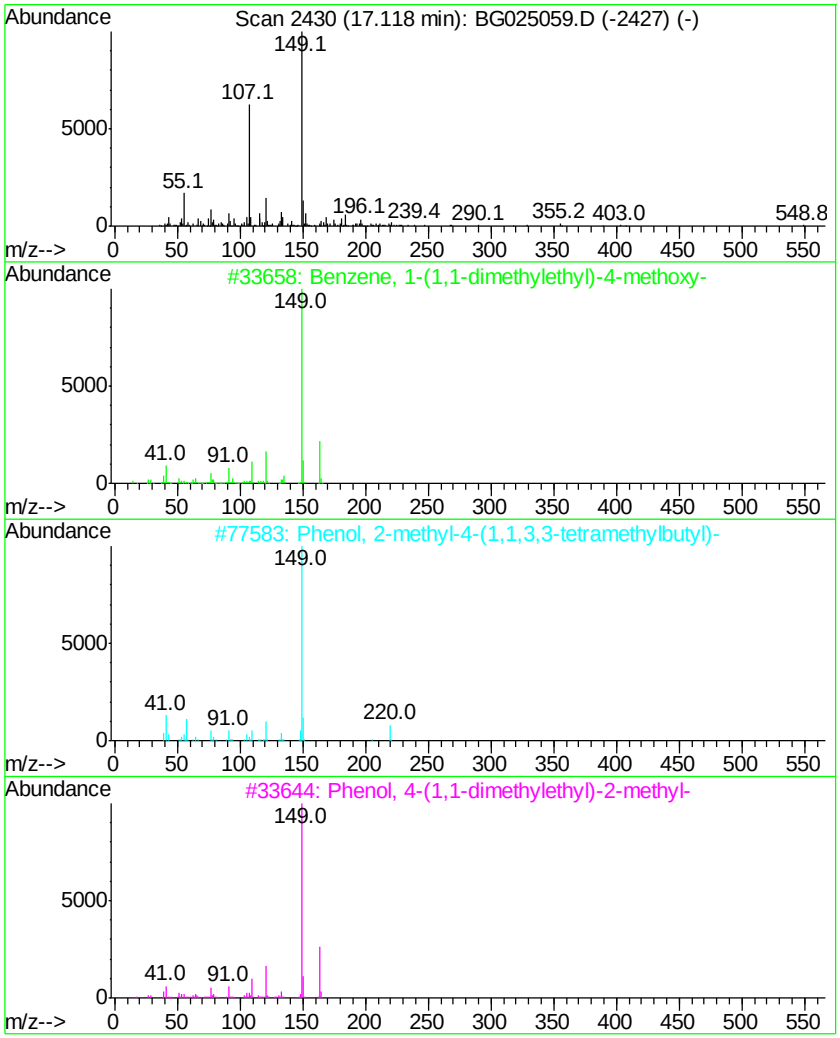
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

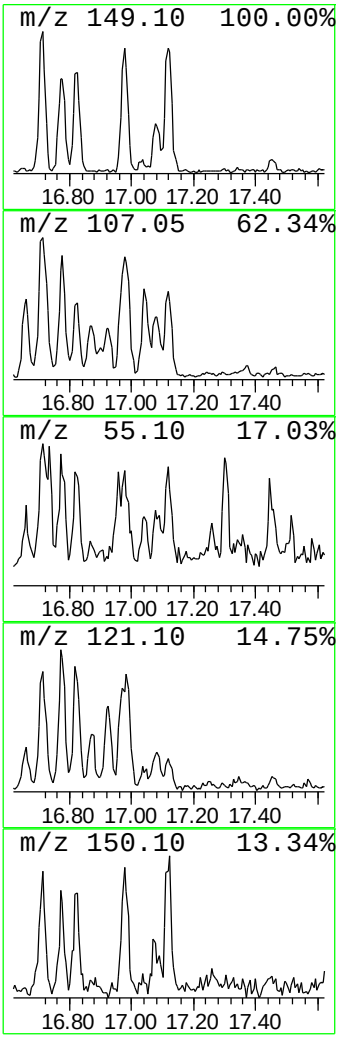
****

Peak Number 20 Benzene, 1-(1,1-dimethyleth... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.12	3.60 ng/ul	435999	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-(1,1-dimethylethyl)-4...	164	C11H16O	005396-38-3	50
2	Phenol, 2-methyl-4-(1,1,3,3-tetr...	220	C15H24O	002219-84-3	50
3	Phenol, 4-(1,1-dimethylethyl)-2-...	164	C11H16O	000098-27-1	50
4	Phthalic acid, 2,7-dimethyloct-7...	426	C27H38O4	1000315-49-4	47
5	6-Chloromethyl-2,3-dihydro-benzo...	184	C9H9ClO2	1000317-64-3	47





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

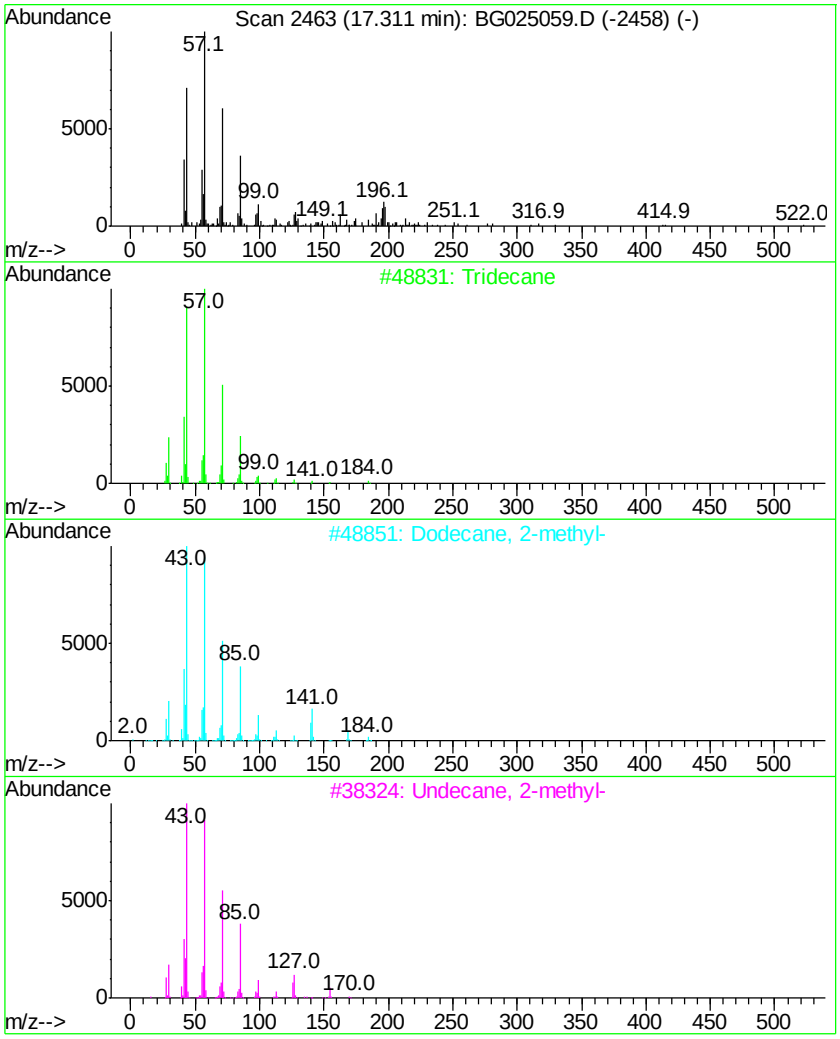
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

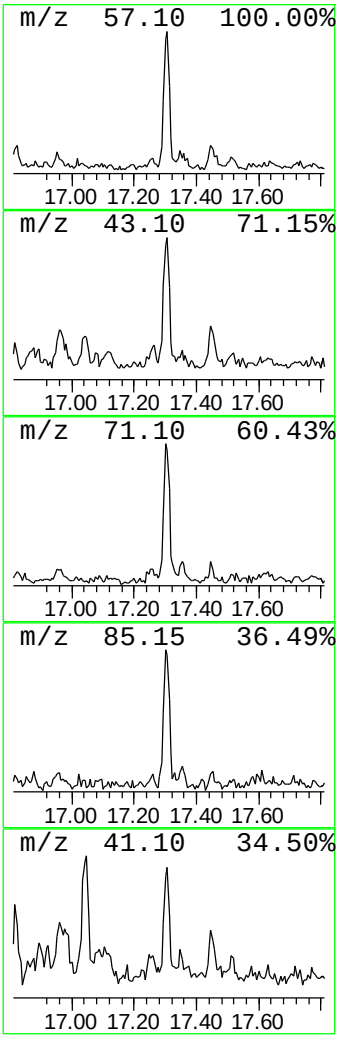
****

Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.31	2.54 ng/ul	308179	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	81
2	Dodecane, 2-methyl-	184	C13H28	001560-97-0	74
3	Undecane, 2-methyl-	170	C12H26	007045-71-8	74
4	Tetradecane	198	C14H30	000629-59-4	74
5	Tridecane	184	C13H28	000629-50-5	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

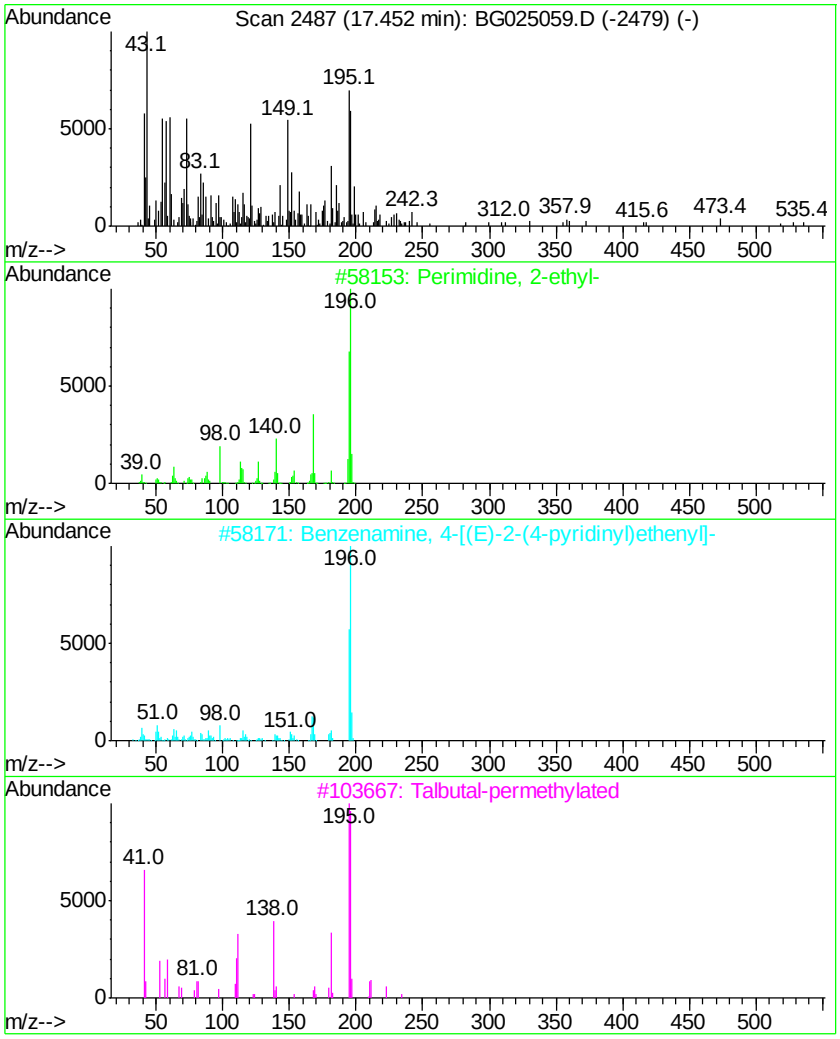
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

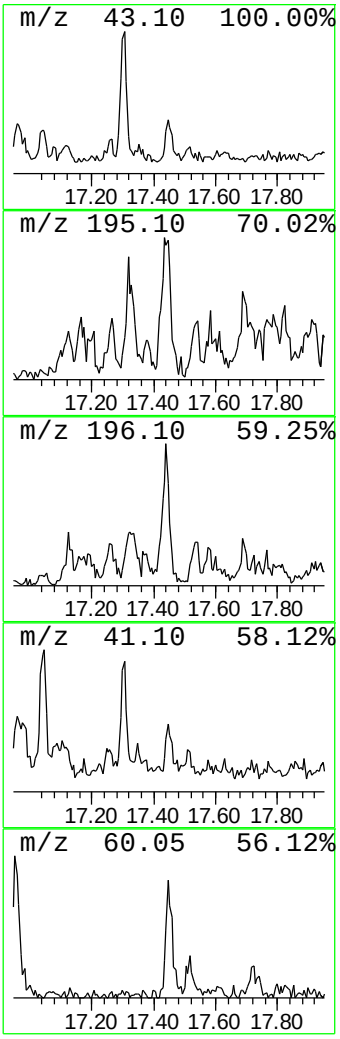
****

Peak Number 22 unknown-07 Concentration Rank 33

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.45	2.49 ng/ul	301867	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perimidine, 2-ethyl-	196	C13H12N2	028478-13-9	46
2	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	46
3	Talbutal-permethylated	252	C13H20N2O3	1000121-00-0	43
4	Barbituric acid, 5-allyl-5-isopr...	238	C12H18N2O3	027509-65-5	43
5	Quinoline, 2-(1H-imidazol-4-yl)-	195	C12H9N3	002054-67-3	27





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

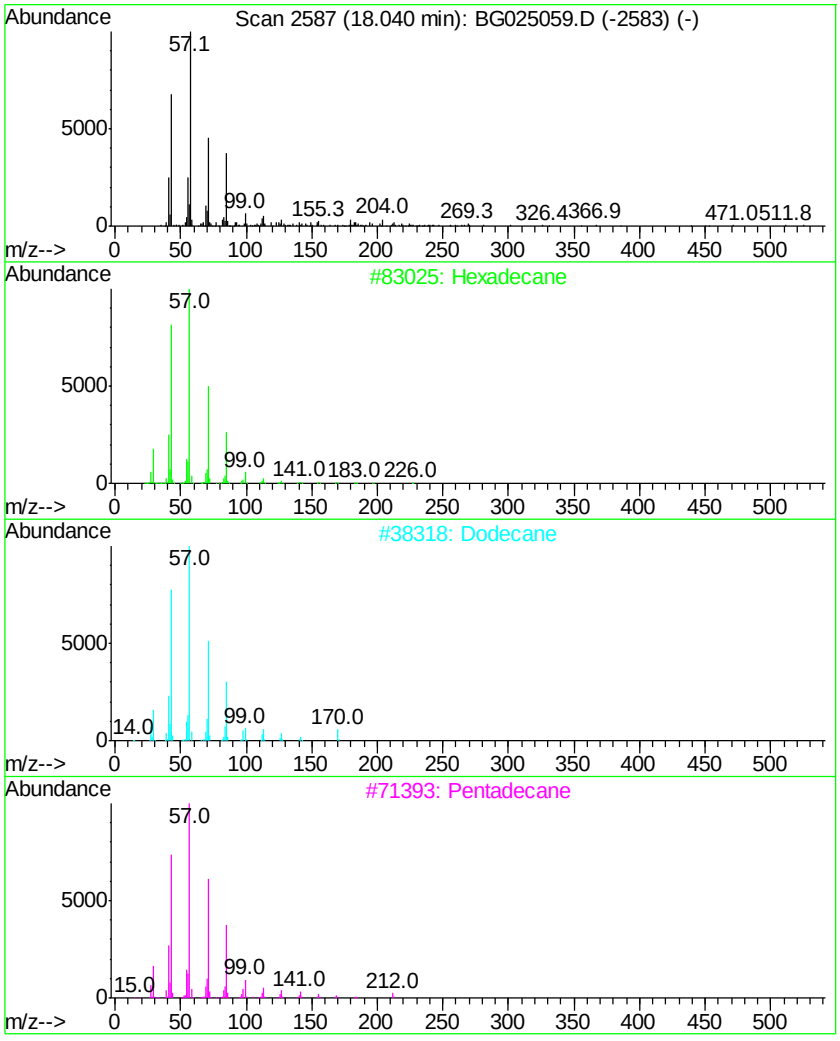
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

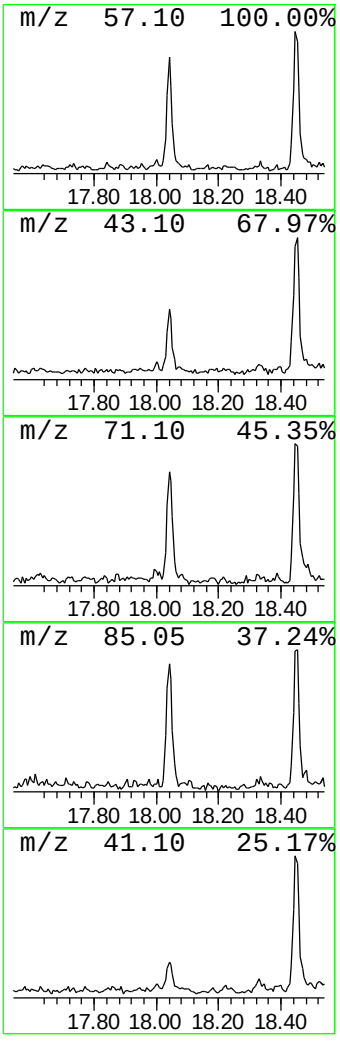
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 23 (DEL) Alkane: Straight-Chai... Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.04	2.69 ng/ul	326416	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	81
2	Dodecane	170	C12H26	000112-40-3	74
3	Pentadecane	212	C15H32	000629-62-9	74
4	Heptacosane	380	C27H56	000593-49-7	72
5	Undecane, 3-methyl-	170	C12H26	001002-43-3	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

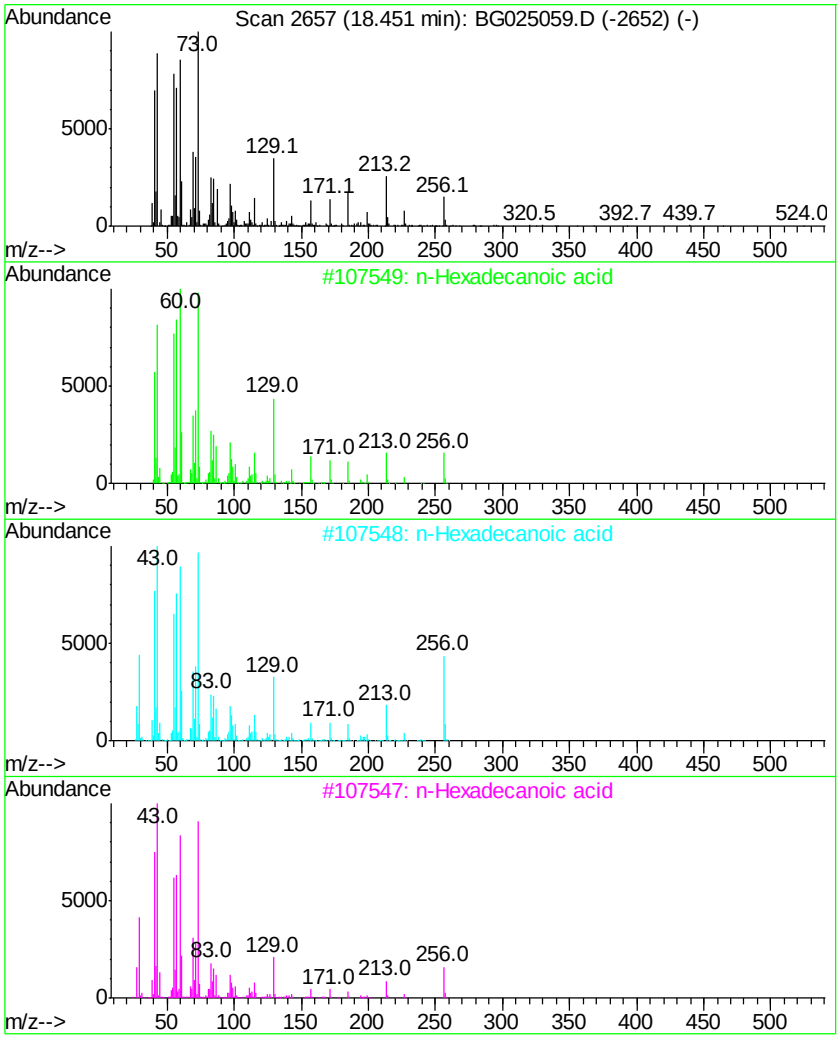
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

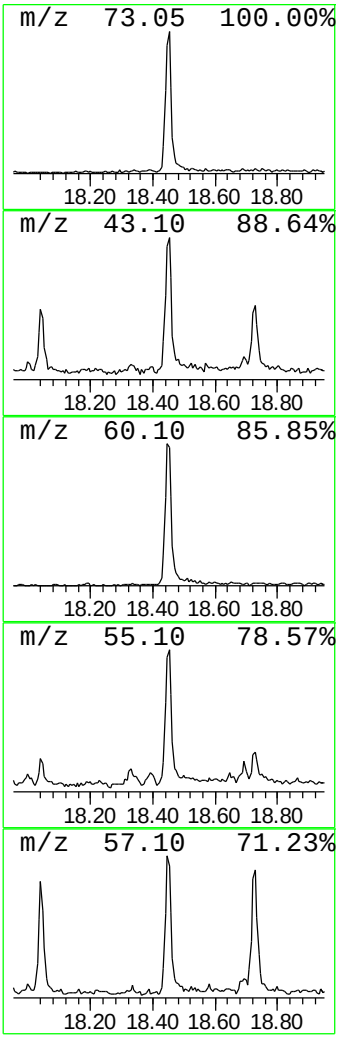
****

Peak Number 24 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	11.57 ng/ul	1401770	Phenanthrene-d10	17.61

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	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Octadecanoic acid	284	C18H36O2	000057-11-4	81





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

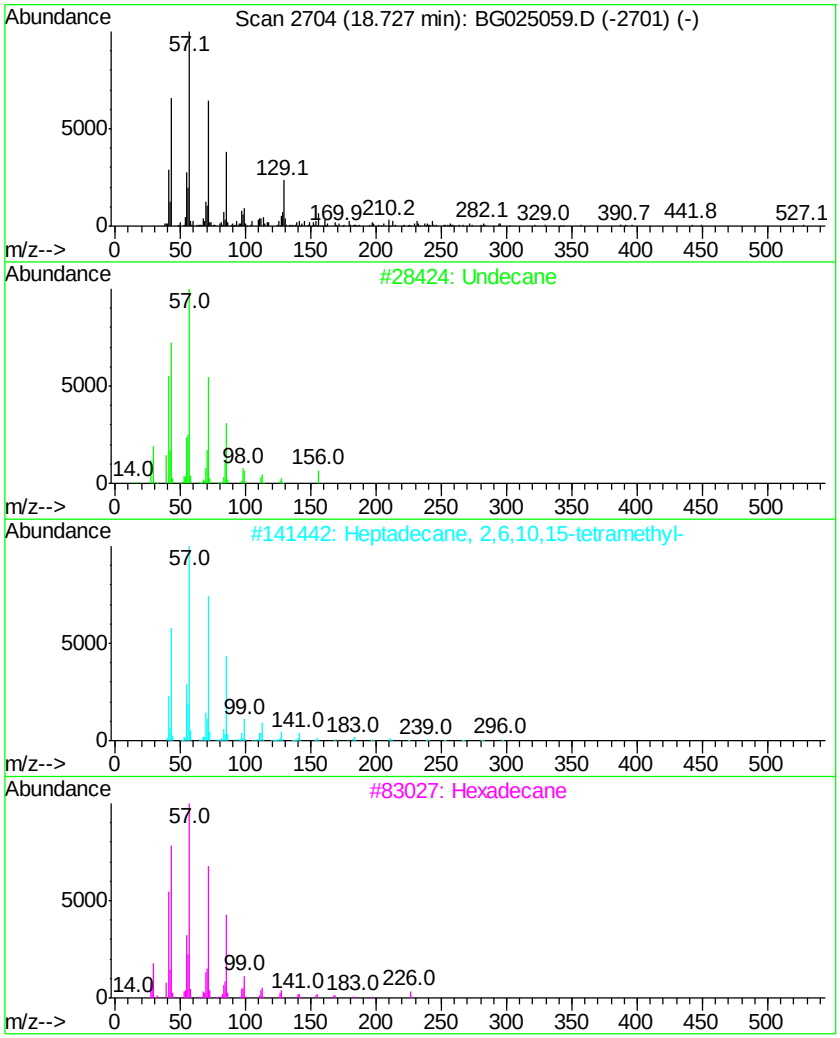
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

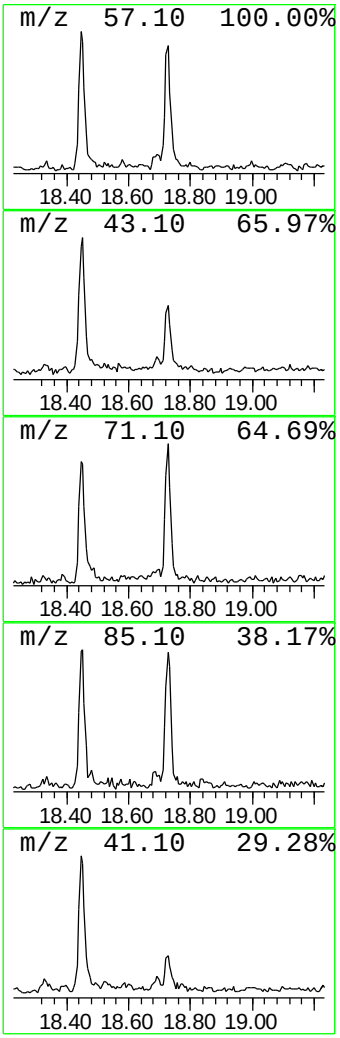
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 25 (DEL) Alkane: Straight-Chai... Concentration Rank 41

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.73	2.09 ng/ul	253416	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecane	156	C11H24	001120-21-4	72
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	72
3	Hexadecane	226	C16H34	000544-76-3	72
4	Eicosane	282	C20H42	000112-95-8	70
5	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	70





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

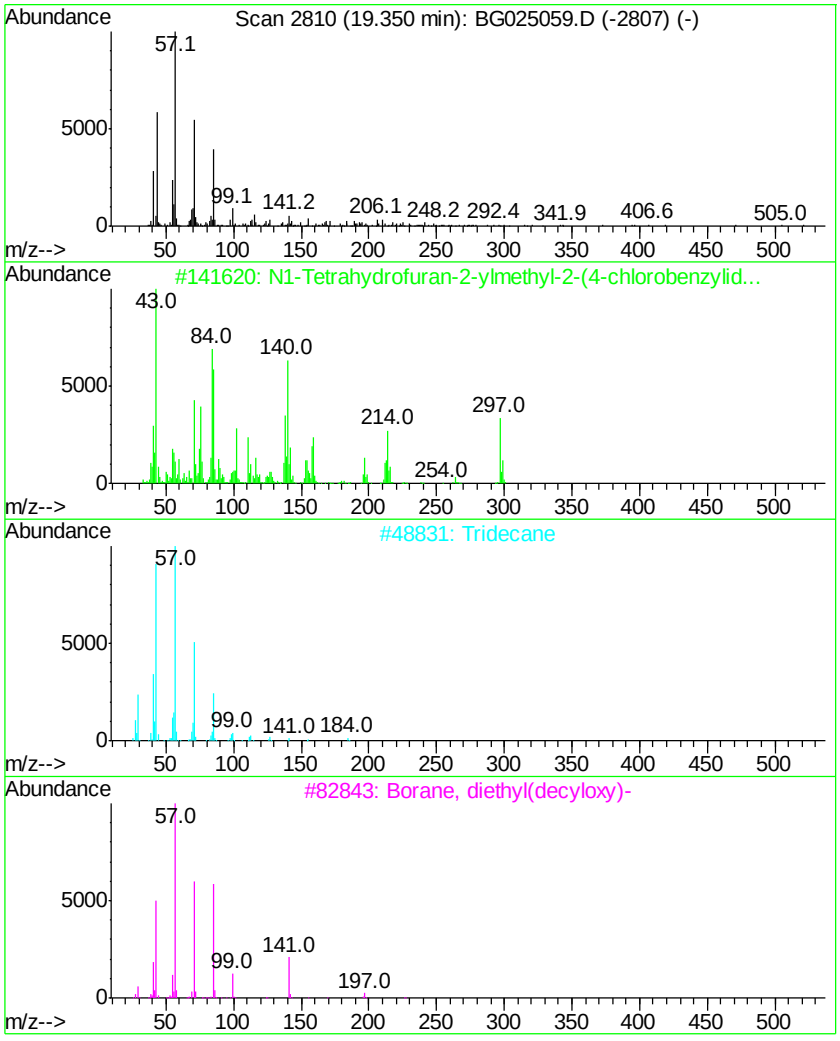
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

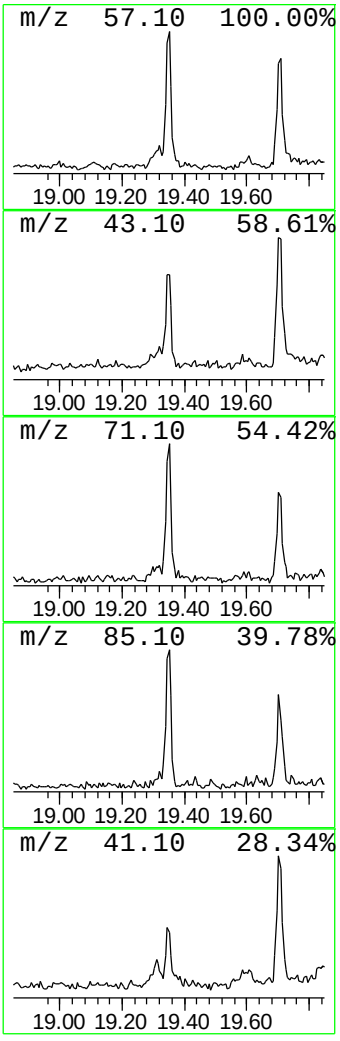
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 26 N1-Tetrahydrofuran-2-ylmeth... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.35	3.15 ng/ul	382151	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	N1-Tetrahydrofuran-2-ylmethyl-2-...	297	C13H16ClN3OS	283155-62-4	89
2	Tridecane	184	C13H28	000629-50-5	83
3	Borane, diethyl(decyloxy)-	226	C14H31BO	1000152-34-3	80
4	Tetradecane	198	C14H30	000629-59-4	80
5	Sulfurous acid, 2-ethylhexyl hex...	278	C14H30O3S	1000309-20-2	72





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

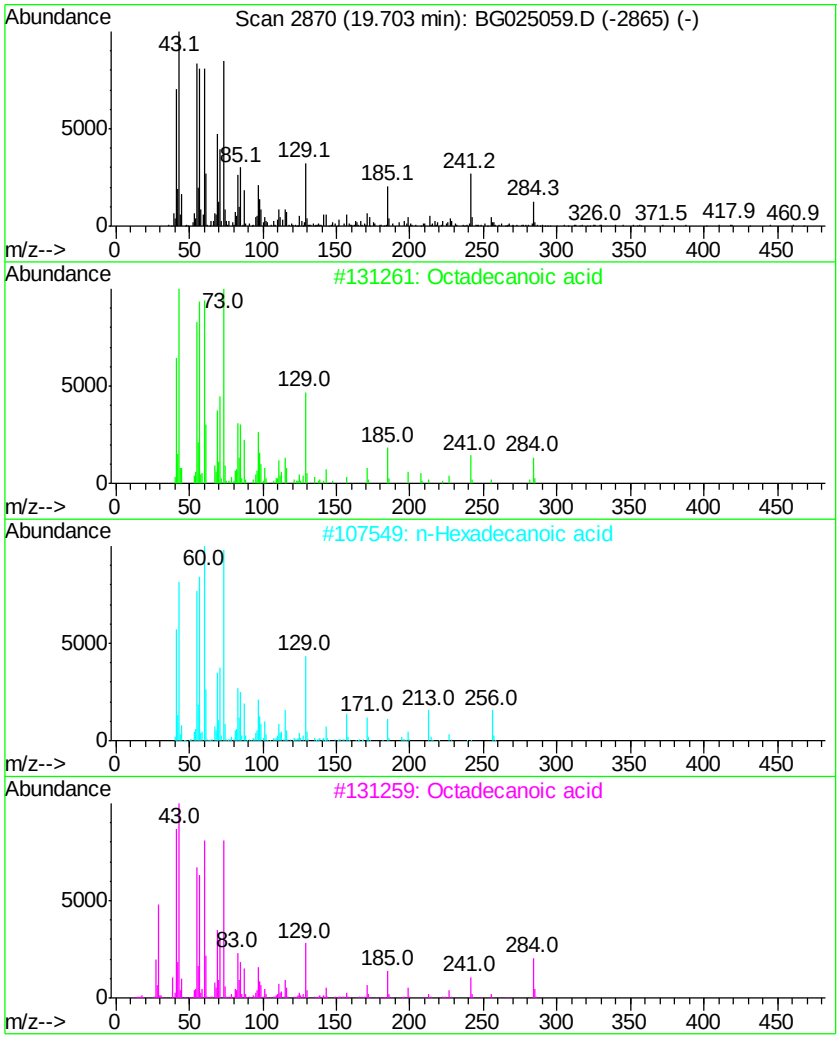
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

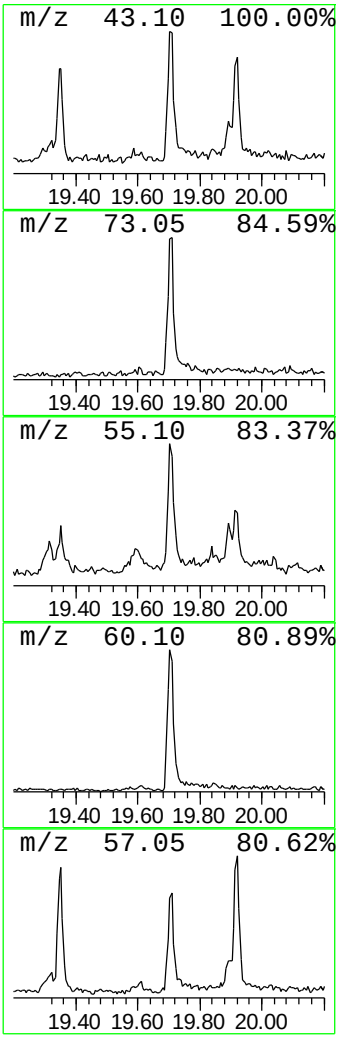
****

Peak Number 27 Octadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.70	7.76 ng/ul	940264	Phenanthrene-d10	17.61

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Octadecanoic acid	284	C18H36O2	000057-11-4	90
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Octadecanoic acid	284	C18H36O2	000057-11-4	87





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

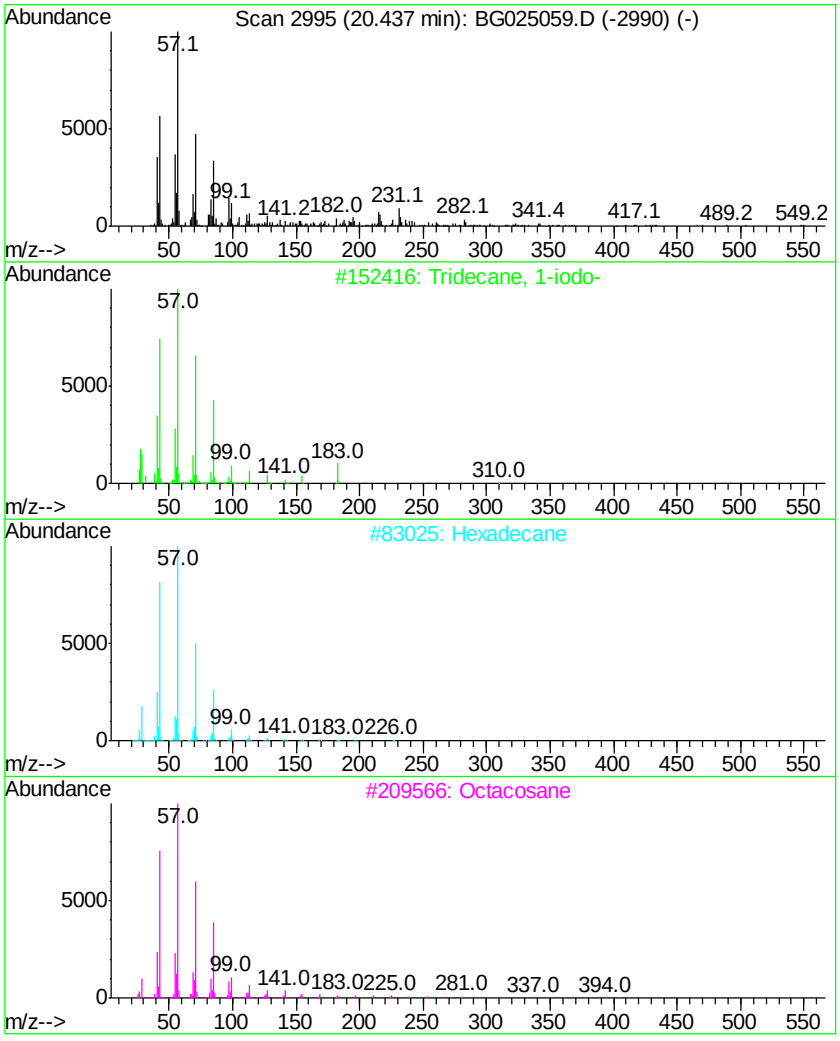
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

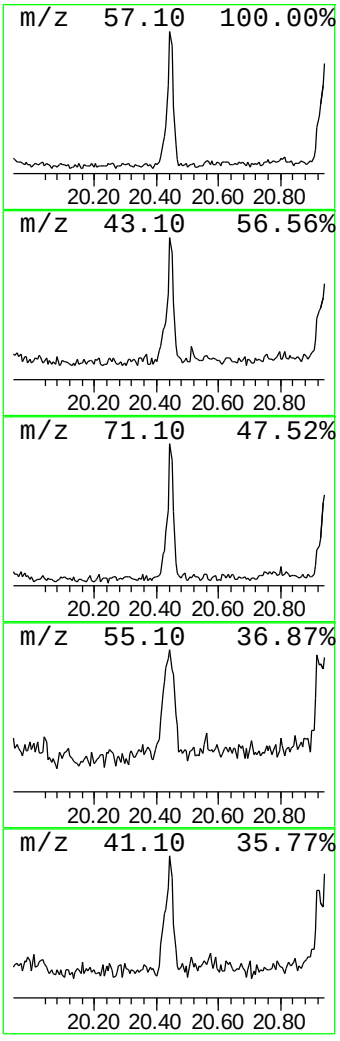
****

Peak Number 28 Tridecane, 1-iodo- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.44	4.82 ng/ul	836661	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	93
2	Hexadecane	226	C16H34	000544-76-3	91
3	Octacosane	394	C28H58	000630-02-4	87
4	Hexacosane	366	C26H54	000630-01-3	87
5	Pentadecane	212	C15H32	000629-62-9	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

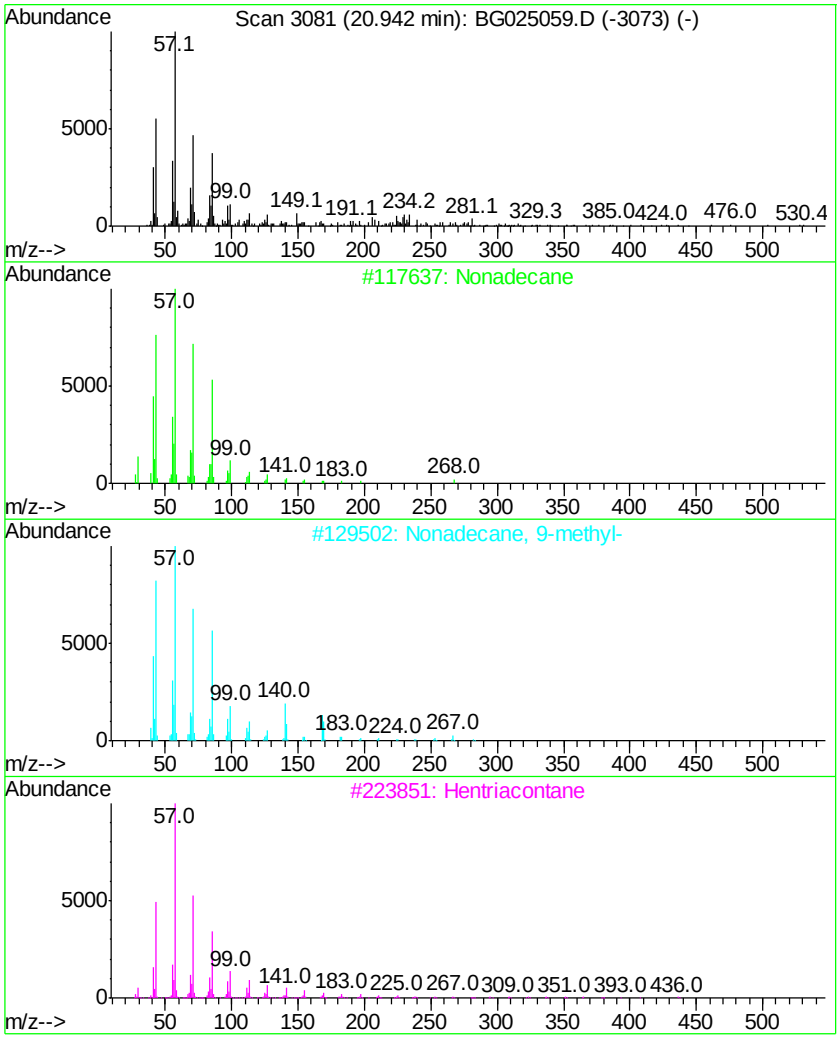
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

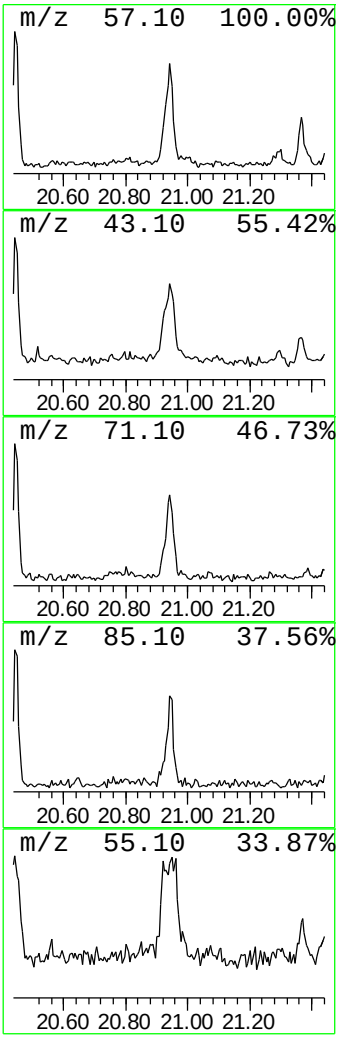
****

Peak Number 29 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	6.90 ng/ul	1198910	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	83
2	Nonadecane, 9-methyl-	282	C20H42	013287-24-6	64
3	Hentriacontane	437	C31H64	000630-04-6	64
4	Hexadecane	226	C16H34	000544-76-3	64
5	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

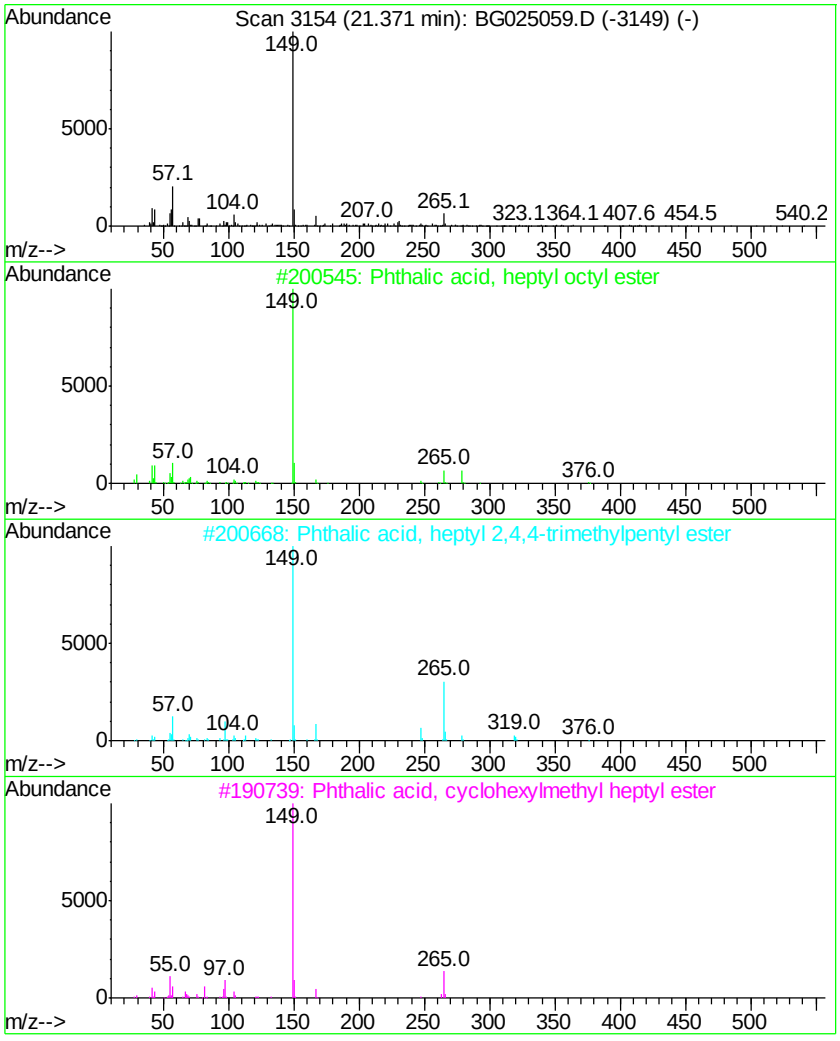
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

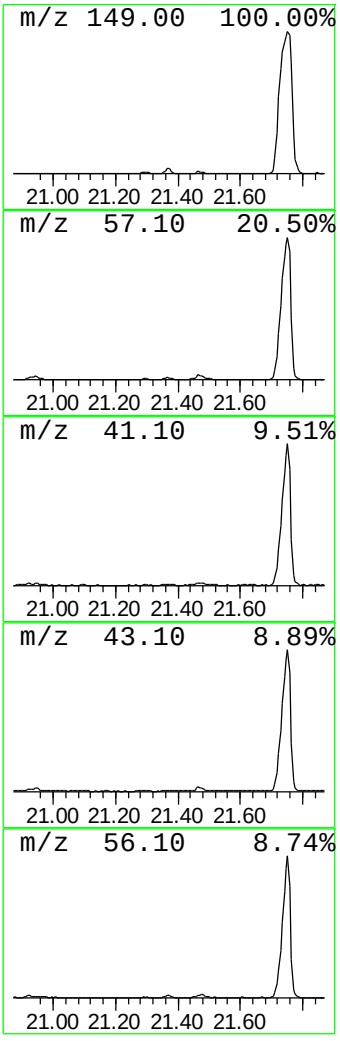
****

Peak Number 30 Phthalic acid, heptyl octyl... Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.49 ng/ul	432099	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phthalic acid, heptyl octyl ester	376	C23H36O4	088216-58-4	81
2	Phthalic acid, heptyl 2,4,4-trim...	376	C23H36O4	1000377-77-3	64
3	Phthalic acid, cyclohexylmethyl ...	360	C22H32O4	1000314-91-7	64
4	Phthalic acid, octyl propyl ester	320	C19H28O4	1000309-10-8	64
5	Phthalic acid, 2-methylpent-3-yl...	320	C19H28O4	1000356-90-9	59





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

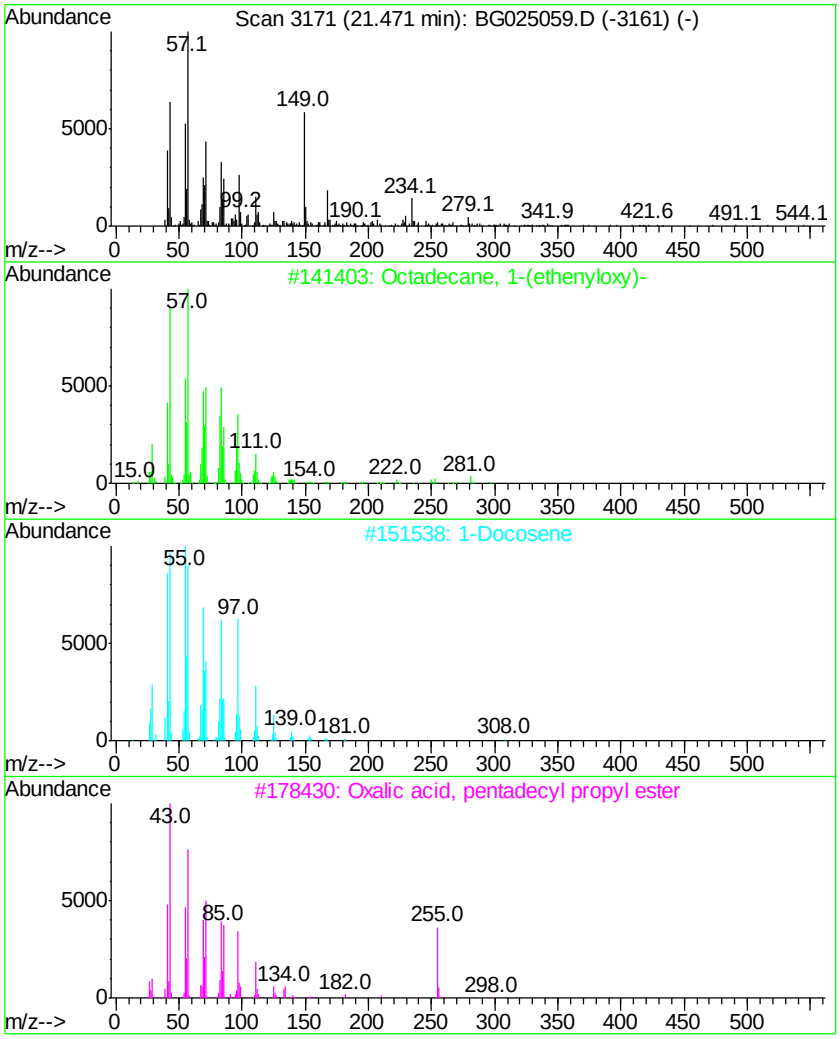
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

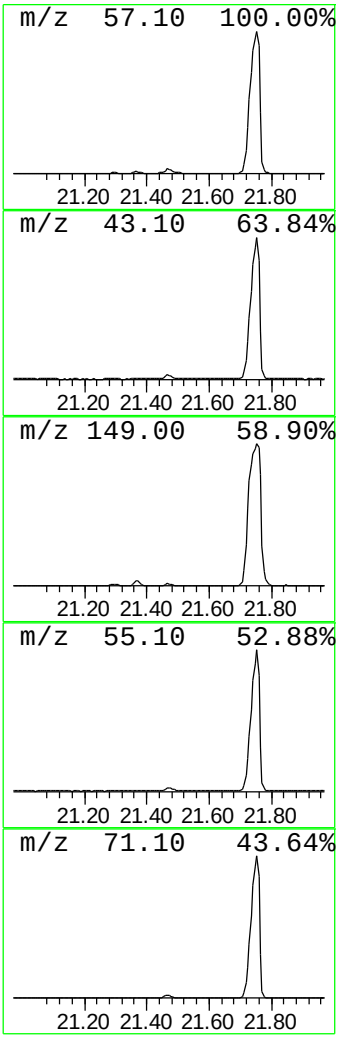
****

Peak Number 31 Octadecane, 1-(ethenyloxy)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.47	7.35 ng/ul	1277120	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	64
2	1-Docosene	308	C22H44	001599-67-3	55
3	Oxalic acid, pentadecyl propyl e...	342	C20H38O4	1000309-26-8	45
4	Oxalic acid, isobutyl hexadecyl ...	370	C22H42O4	1000309-38-1	45
5	Oxalic acid, isobutyl heptadecyl...	384	C23H44O4	1000309-38-2	43





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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

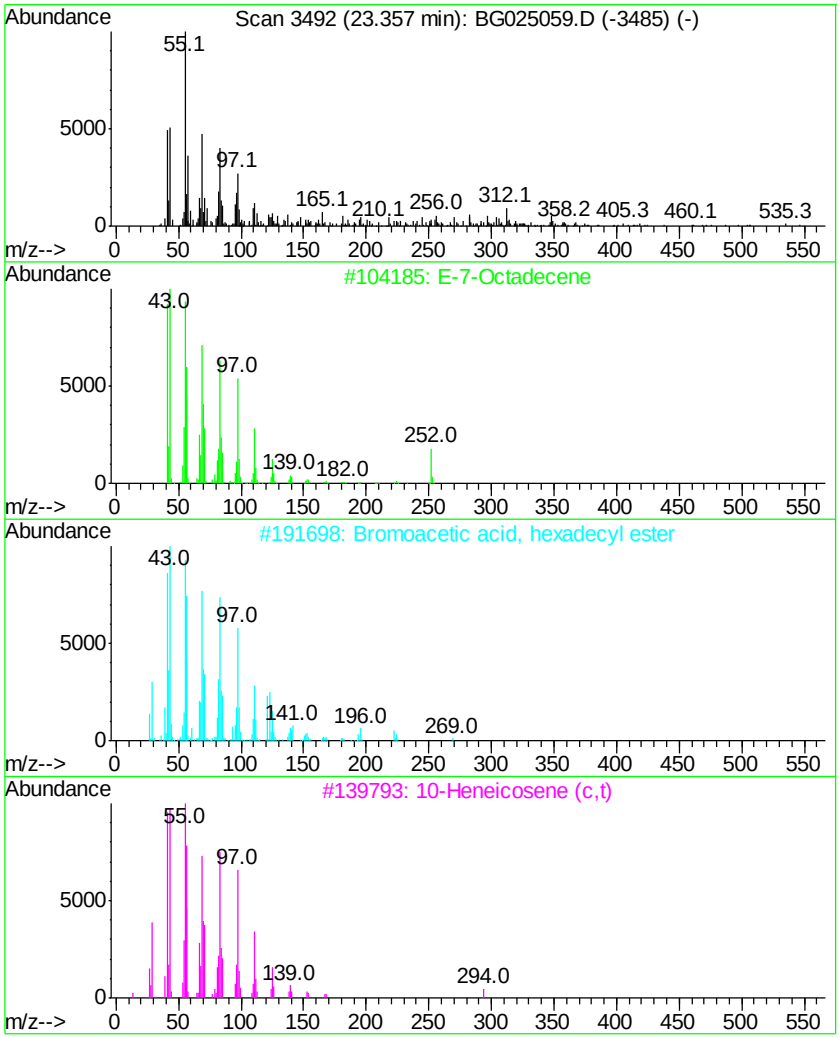
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

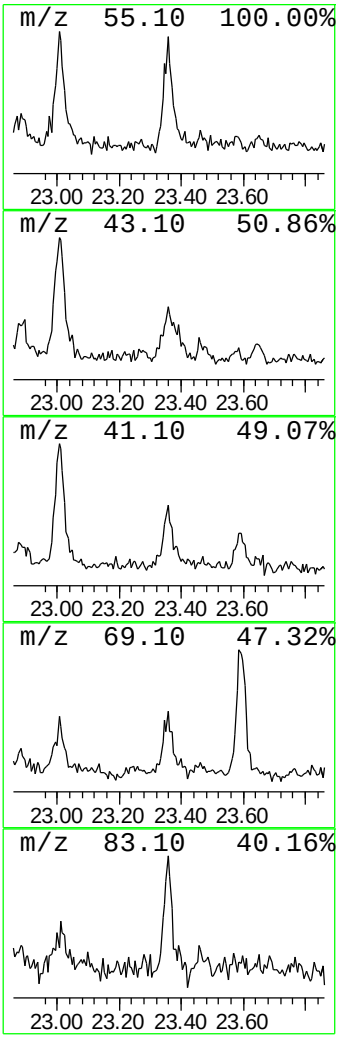
****

Peak Number 35 (DEL) Alkane: Cyclic23.36 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.36	4.03 ng/ul	700458	Chrysene-d12	21.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	E-7-Octadecene	252	C18H36	1000130-92-0	83
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	64
3	10-Heneicosene (c,t)	294	C21H42	095008-11-0	64
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	52
5	Cyclohexadecane	224	C16H32	000295-65-8	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

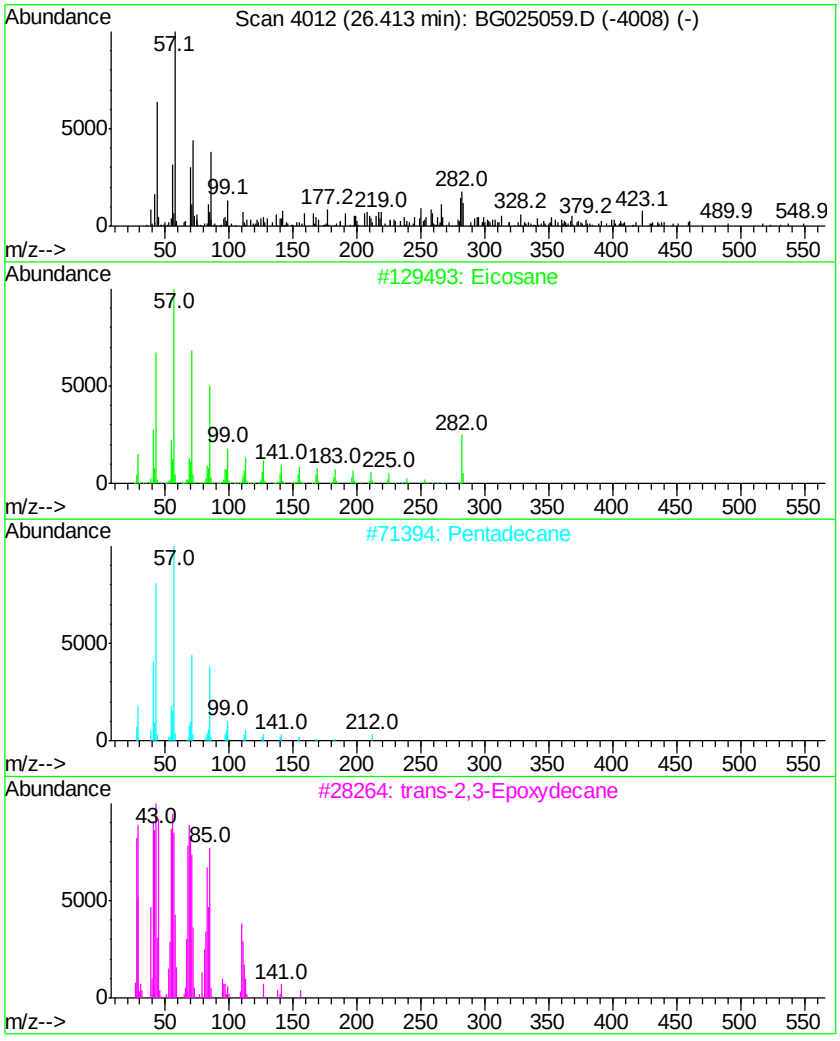
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG113016.M
Quant Title : SVOA CALIBRATION

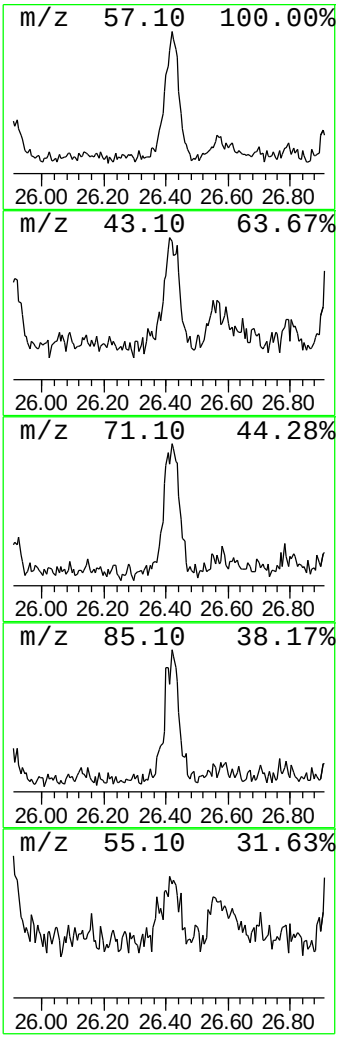
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 40 (DEL) Alkane: Straight-Chai... Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.41	3.02 ng/ul	393059	Perylene-d12	25.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	49
2	Pentadecane	212	C15H32	000629-62-9	46
3	trans-2,3-Epoxydecane	156	C10H20O	054125-39-2	46
4	Pentadecane	212	C15H32	000629-62-9	41
5	Heptacosane	380	C27H56	000593-49-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120916\
Data File : BG025059.D
Acq On : 10 Dec 2016 7:06
Operator : UM/SJ
Sample : H5863-06
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DA7Y5

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
1,3,5,7-Cycloocta...	6.20	3.2	ng/ul	151826	1	8.24	942059	20.0
unknown-01	9.34	2.5	ng/ul	118537	1	8.24	942059	20.0
Naphthalene, 1-me...	12.92	2.0	ng/ul	143678	2	11.07	1420610	20.0
Naphthalene, 2,7-...	14.19	2.1	ng/ul	237767	3	14.86	2264940	20.0
unknown-02	15.23	2.7	ng/ul	304625	3	14.86	2264940	20.0
Naphthalene, 1,6,...	15.61	2.4	ng/ul	272753	3	14.86	2264940	20.0
(DEL) Alkane: Str...	15.65	2.6	ng/ul	300460	3	14.86	2264940	20.0
unknown-03	15.78	2.2	ng/ul	245293	3	14.86	2264940	20.0
Benzaldehyde, 4-h...	16.28	2.6	ng/ul	318175	4	17.61	2423180	20.0
(DEL) Alkane: Str...	16.51	2.8	ng/ul	342492	4	17.61	2423180	20.0
unknown-04	16.56	3.3	ng/ul	397460	4	17.61	2423180	20.0
Phenol, 4-(1,1-di...	16.66	5.6	ng/ul	677740	4	17.61	2423180	20.0
unknown-05	16.71	8.8	ng/ul	1071310	4	17.61	2423180	20.0
Phenol, p-tert-bu...	16.78	5.6	ng/ul	674644	4	17.61	2423180	20.0
Phenol, 2-(1,1-di...	16.82	3.1	ng/ul	371924	4	17.61	2423180	20.0
Ethanone, 1-(4-hy...	16.88	5.0	ng/ul	604768	4	17.61	2423180	20.0
Acetamide, N-(3-m...	16.98	5.7	ng/ul	685760	4	17.61	2423180	20.0
Methanol, (cycloh...	17.04	5.0	ng/ul	602330	4	17.61	2423180	20.0
unknown-06	17.08	2.0	ng/ul	242427	4	17.61	2423180	20.0
Benzene, 1-(1,1-d...	17.12	3.6	ng/ul	435999	4	17.61	2423180	20.0
(DEL) Alkane: Str...	17.31	2.5	ng/ul	308179	4	17.61	2423180	20.0
unknown-07	17.45	2.5	ng/ul	301867	4	17.61	2423180	20.0
(DEL) Alkane: Str...	18.04	2.7	ng/ul	326416	4	17.61	2423180	20.0
n-Hexadecanoic acid	18.45	11.6	ng/ul	1401770	4	17.61	2423180	20.0
(DEL) Alkane: Str...	18.73	2.1	ng/ul	253416	4	17.61	2423180	20.0
N1-Tetrahydrofura...	19.35	3.1	ng/ul	382151	4	17.61	2423180	20.0
Octadecanoic acid	19.70	7.8	ng/ul	940264	4	17.61	2423180	20.0
Tridecane, 1-iodo-	20.44	4.8	ng/ul	836661	5	21.89	3474810	20.0
(DEL) Alkane: Str...	20.94	6.9	ng/ul	1198910	5	21.89	3474810	20.0
Phthalic acid, he...	21.37	2.5	ng/ul	432099	5	21.89	3474810	20.0
Octadecane, 1-(et...	21.47	7.3	ng/ul	1277120	5	21.89	3474810	20.0
(DEL) Alkane: Cyc...	23.36	4.0	ng/ul	700458	5	21.89	3474810	20.0
(DEL) Alkane: Str...	26.41	3.0	ng/ul	393059	6	25.32	2601000	20.0