LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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	3.549	40	44	54	rVB	24552	40329	0.84%	0.068%
2	4.084	128	135	143	rVB	54308	80007	1.67%	0.135%
3	7.139	647	655	664	rBV3	18388	37913	0.79%	0.064%
4	7.321	679	686	703	rVB	367088	680840	14.25%	1.147%
5	7.486	707	714	724	rBV	307448	507858	10.63%	0.856%
6	7.703	741	751	759	rBV	368311	626489	13.11%	1.056%
7	8.173	823	831	846	rVB	421069	714078	14.95%	1.203%
8	8.872	943	950	958	rBV2	377845	648641	13.58%	1.093%
9	9.336	1013	1029	1037	rBV	368820	662431	13.87%	1.116%
10	9.436	1037	1046	1052	rVV3	22776	46280	0.97%	0.078%
11	10.065	1138	1153	1167	rBV	293263	547352	11.46%	0.922%
12	10.605	1237	1245	1254	rVV	483727	855911	17.92%	1.442%
13	10.993	1298	1311	1316	rBV	608884	1125383	23.56%	1.896%
14	11.040	1316	1319	1325	rVV	104823	171218	3.58%	0.289%
15	11.117	1325	1332	1346	rVB	313302	594249	12.44%	1.001%
16	12.633	1584	1590	1596	rVB	67353	112213	2.35%	0.189%
17	12.850	1618	1627	1635	rVV	37910	62628	1.31%	0.106%
18	13.625	1751	1759	1764	rBV4	21826	43852	0.92%	0.074%
19	13.825	1788	1793	1803	rVB2	19525	37746	0.79%	0.064%
20	13.966	1806	1817	1824	rBV6	25016	71653	1.50%	0.121%
21	14.113	1835	1842	1847	rBV3	32052	64627	1.35%	0.109%
22	14.190	1847	1855	1859	rVV	847251	1285667	26.91%	2.166%
23	14.231	1859	1862	1871	rVB	361688	505487	10.58%	0.852%
24	14.483	1898	1905	1925	rVB	990272	1611861	33.74%	2.716%
25	14.789	1945	1957	1963	rBV2	899116	1537317	32.18%	2.590%
26	14.853	1963	1968	1975	rVB	319595	499243	10.45%	0.841%
27	14.965	1981	1987	2001	rVB	294790	509881	10.67%	0.859%
28	15.106	2003	2011	2018	rBV4	22672	62554	1.31%	0.105%
29	15.182	2018	2024	2031	rVV	208399	327041	6.85%	0.551%
30	15.259	2033	2037	2049	rVB5	18438	39740	0.83%	0.067%
31	15.617	2094	2098	2103	rVB3	34901	50616	1.06%	0.085%
32	15.776	2115	2125	2130	rBV	1249614	1921891	40.23%	3.239%
33	15.835	2130	2135	2139	rVV2	295528	464827	9.73%	0.783%
34	15.888	2139	2144	2152	rVV	267312	431499	9.03%	0.727%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

35	15.952	2152	2155	2159	rVV	29957	52360	1.10%	0.088%
36	15.999	2159	2163	2173	rVV6	44455	124312	2.60%	0.209%
37	16.076	2173	2176	2180	rVV3	27460	48424	1.01%	0.082%
38	16.123	2180	2184	2190	rVB2	52626	79730	1.67%	0.134%
39	16.269	2200	2209	2216	rVB	51710	108593	2.27%	0.183%
40	16.481	2237	2245	2254	rVB5	48795	123927	2.59%	0.209%
41	16.833	2291	2305	2309	rBV6	47162	139302	2.92%	0.235%
42	17.051	2335	2342	2347	rBV9	26674	55419	1.16%	0.093%
43	17.180	2359	2364	2370	rVB	68488	107387	2.25%	0.181%
44	17.268	2371	2379	2385	rBV6	51179	113392	2.37%	0.191%
45	17.345	2387	2392	2399	rVB	93045	158807	3.32%	0.268%
46	17.527	2417	2423	2427	rBV2	1088035	1768898	37.03%	2.981%
47	17.568	2427	2430	2435	rVV	1664041	2425627	50.78%	4.087%
48	17.627	2435	2440	2444	rVV	1266710	1998719	41.84%	3.368%
49	17.662	2444	2446	2451	rVV	446201	519009	10.86%	0.875%
50	17.715	2451	2455	2461	rVB2	56920	94494	1.98%	0.159%
51	17.891	2479	2485	2487	rBV2	110573	169279	3.54%	0.285%
52	17.926	2487	2491	2501	rVV	223455	374308	7.84%	0.631%
53	18.179	2531	2534	2542	rVB8	21560	35934	0.75%	0.061%
54	18.396	2565	2571	2576	rBV	535877	763977	15.99%	1.287%
55	18.449	2576	2580	2587	rVB2	220083	361995	7.58%	0.610%
56	18.526	2588	2593	2598	rVB	71808	111947	2.34%	0.189%
57	18.596	2598	2605	2617	rBV2	253853	589018	12.33%	0.993%
58	18.690	2617	2621	2625	rBV5	40991	62653	1.31%	0.106%
59	18.737	2625	2629	2633	rBV4	29041	43927	0.92%	0.074%
60	18.890	2650	2655	2658	rBV	111196	166883	3.49%	0.281%
61	18.925	2658	2661	2673	rVB	113045	179765	3.76%	0.303%
62	19.248	2709	2716	2720	rBV2	215754	318291	6.66%	0.536%
63	19.307	2721	2726	2730	rBV3	70445	131349	2.75%	0.221%
64	19.442	2745	2749	2757	rBV5	66697	145363	3.04%	0.245%
65	19.566	2758	2770	2777	rBV	1966742	2929114	61.32%	4.936%
66	19.660	2782	2786	2797	rVB	379987	497413	10.41%	0.838%
67	19.806	2805	2811	2820	rVB2	87164	172803	3.62%	0.291%
68	19.900	2820	2827	2829	rBV2	1652240	2612804	54.70%	4.403%
69	19.930	2829	2832	2838	rVB	1427174	1926947	40.34%	3.247%
70	19.994	2838	2843	2850	rBV3	75857	136502	2.86%	0.230%
71	20.100	2856	2861	2867	rBV2	104861	155005	3.24%	0.261%

LSC Area Percent Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

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

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

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Title : SVOA CALIBRATION

72	20.159	2867	2871	2876	rVB	92392	138020	2.89%	0.233%
73	20.241	2880	2885	2891	rBV4	91220	230605	4.83%	0.389%
74	20.412	2905	2914	2919	rVB2	430045	662076	13.86%	1.116%
75	20.512	2926	2931	2935	rBV2	276260	387836	8.12%	0.654%
76	20.570	2935	2941	2944	rVV3	135016	257356	5.39%	0.434%
77	20.605	2944	2947	2951	rVB3	92897	128414	2.69%	0.216%
78	20.711	2961	2965	2968	rBV	68031	92323	1.93%	0.156%
79	20.747	2968	2971	2984	rVB5	92395	209307	4.38%	0.353%
80	20.911	2995	2999	3003	rVB	203435	252081	5.28%	0.425%
81	21.175	3041	3044	3050	rVB	109950	171154	3.58%	0.288%
82	21.369	3071	3077	3081	rBV2	128773	242987	5.09%	0.409%
83	21.422	3081	3086	3090	rBV2	272758	457813	9.58%	0.771%
84	21.463	3091	3093	3098	rVV2	156770	258339	5.41%	0.435%
85	21.516	3098	3102	3112	rVB2	137409	247473	5.18%	0.417%
86	21.792	3141	3149	3155	rBV4	1223586	3255423	68.15%	5.486%
87	21.845	3155	3158	3168	rVB	677843	1107079	23.18%	1.866%
88	21.998	3179	3184	3192	rBV2	146613	313507	6.56%	0.528%
89	22.210	3216	3220	3228	rVB3	98600	175081	3.67%	0.295%
90	22.621	3286	3290	3297	rVB2	90032	157289	3.29%	0.265%
91	24.060	3526	3535	3542	rBV2	455240	1493060	31.26%	2.516%
92	24.319	3574	3579	3590	rVB2	106823	267222	5.59%	0.450%
93	24.806	3655	3662	3668	rBV3	194241	518492	10.85%	0.874%
94	24.889	3668	3676	3682	rVV2	588790	1677868	35.12%	2.827%
95	24.953	3682	3687	3701	rVB2	374313	1034373	21.65%	1.743%
96	25.118	3704	3715	3741	rVB4	576609	2404058	50.33%	4.051%
97	26.328	3913	3921	3933	rVB2	150080	474172	9.93%	0.799%
98	27.744	4156	4162	4173	rVB	135530	414522	8.68%	0.698%
99	28.902	4348	4359	4379	rVB6	145994	756720	15.84%	1.275%
100	32.192	4902	4919	4945	rVB5	838785	4777016	100.00%	8.050%

Sum of corrected areas: 59344665

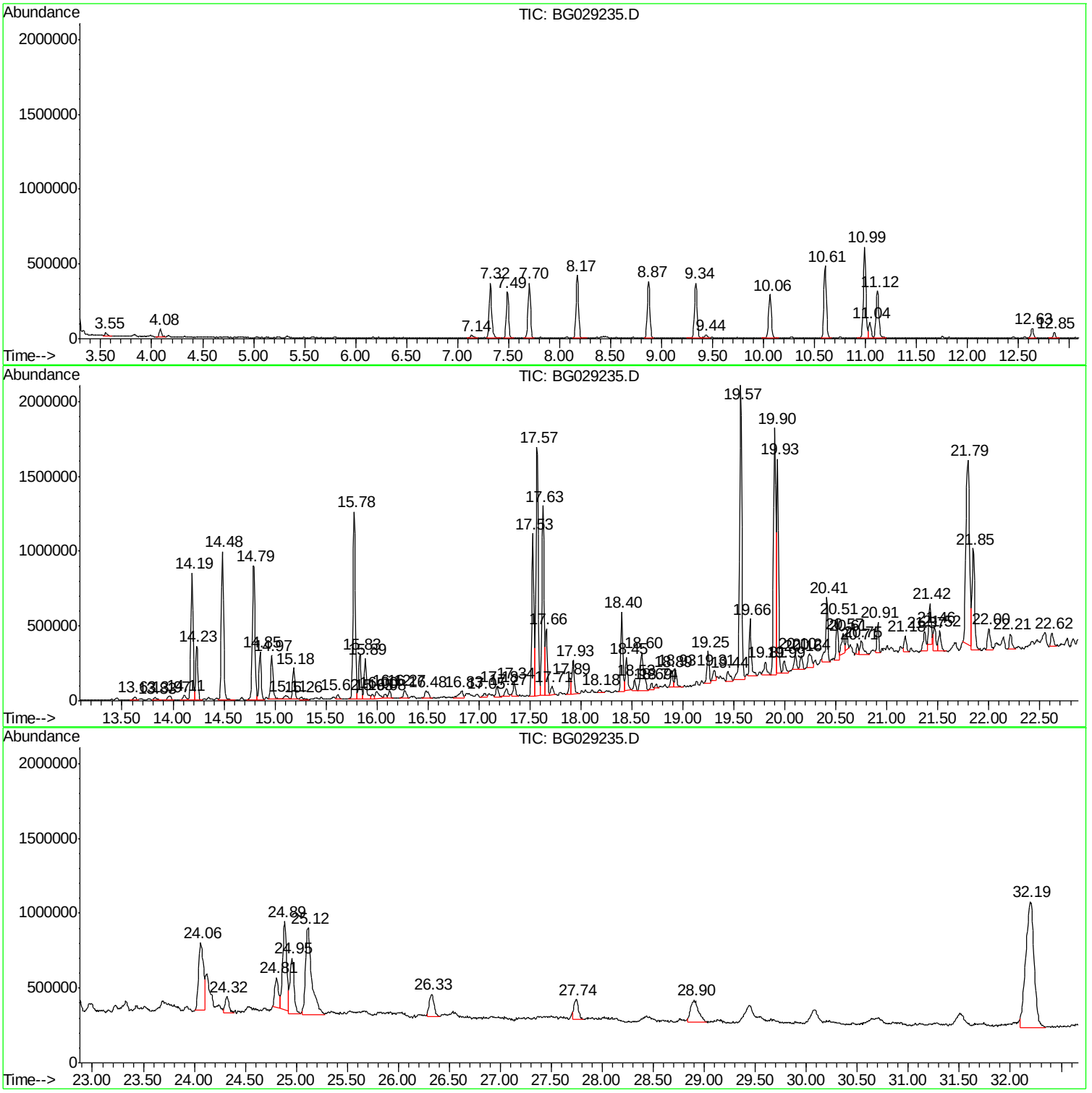
LSC Report - Integrated Chromatogram

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

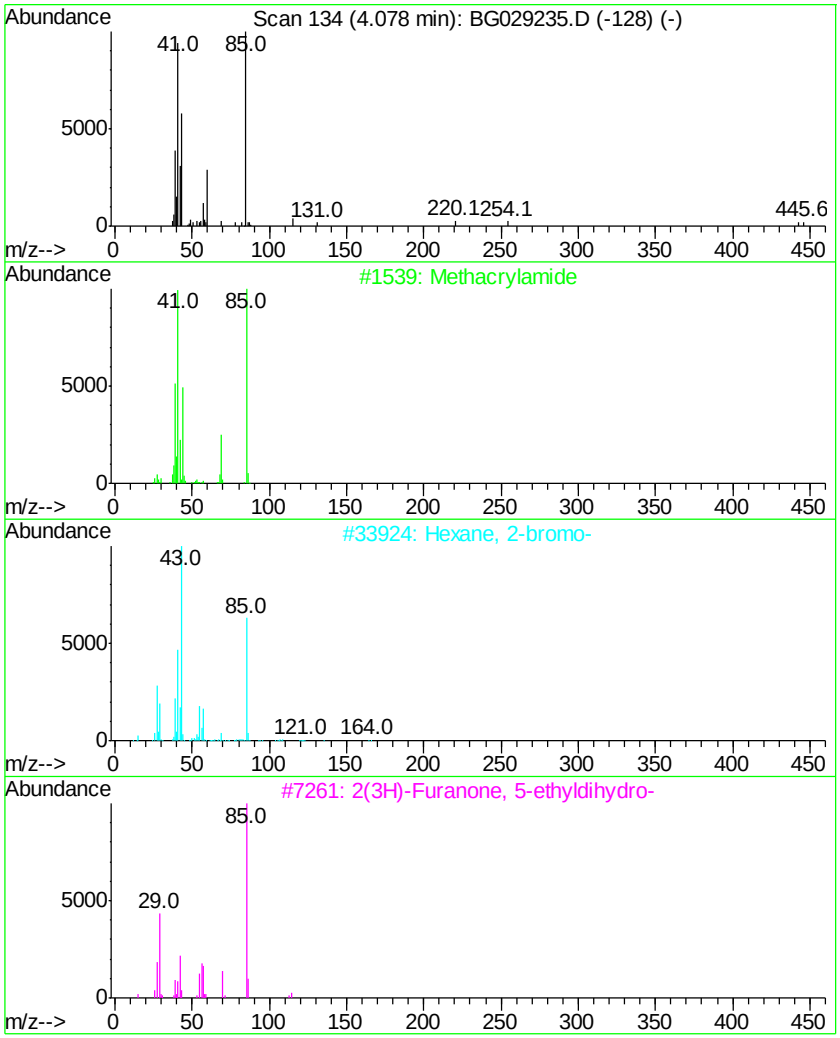
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

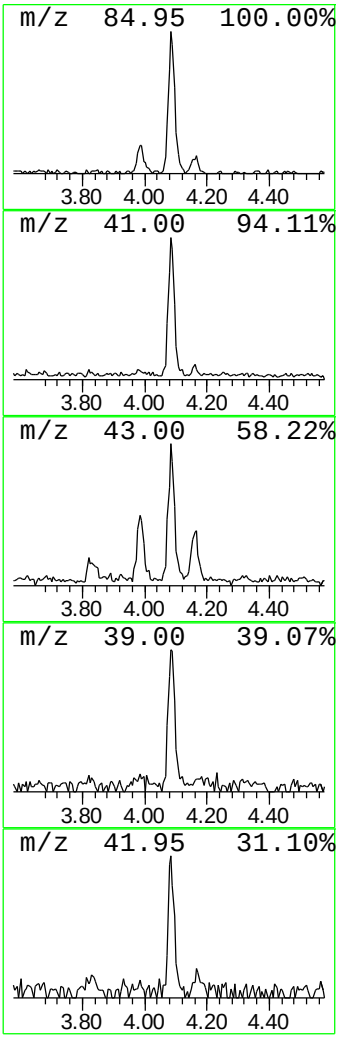
****

Peak Number 1 unknown-01 Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.08	2.24 ng/ul	80007	1,4-Dichlorobenzene-d4	8.17

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methacrylamide	85	C4H7NO	000079-39-0	40
2	Hexane, 2-bromo-	164	C6H13Br	003377-86-4	36
3	2(3H)-Furanone, 5-ethyldihydro-	114	C6H10O2	000695-06-7	33
4	Hexane, 3-bromo-	164	C6H13Br	003377-87-5	28
5	Sulfurous acid, isohexyl hexyl e...	250	C12H26O3S	1000309-12-8	28





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

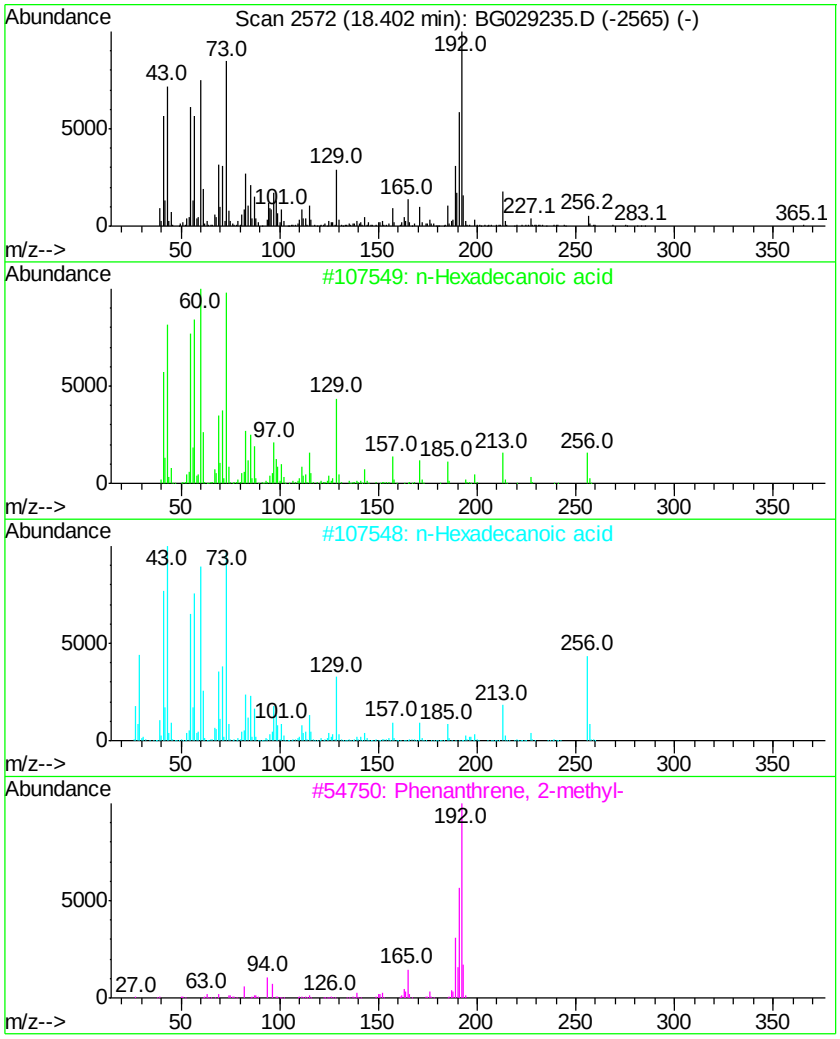
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

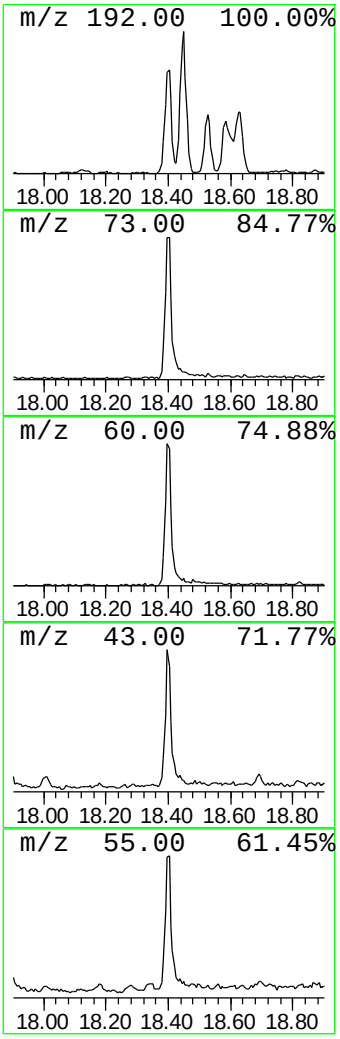
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	8.64 ng/ul	763977	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

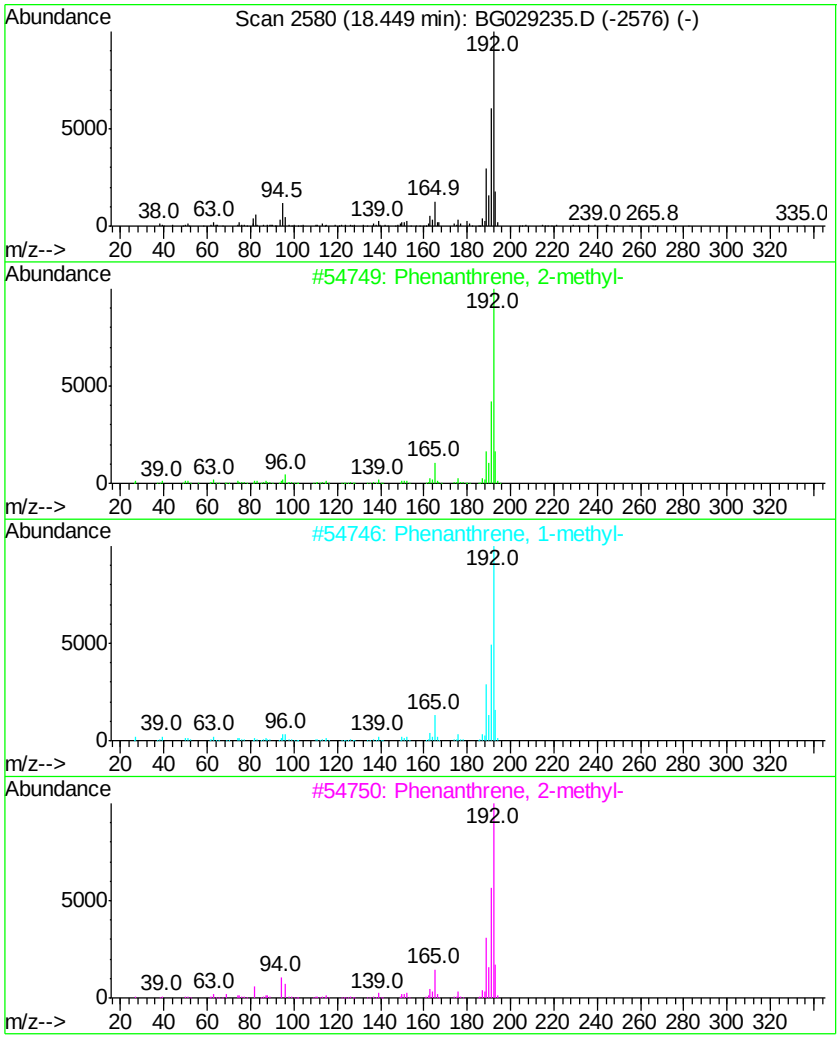
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

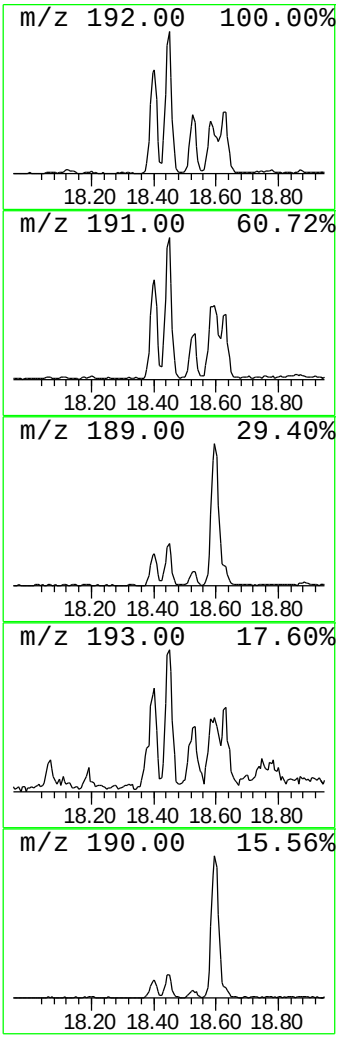
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.45	4.09 ng/ul	361995	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95





Library Search Compound Report

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

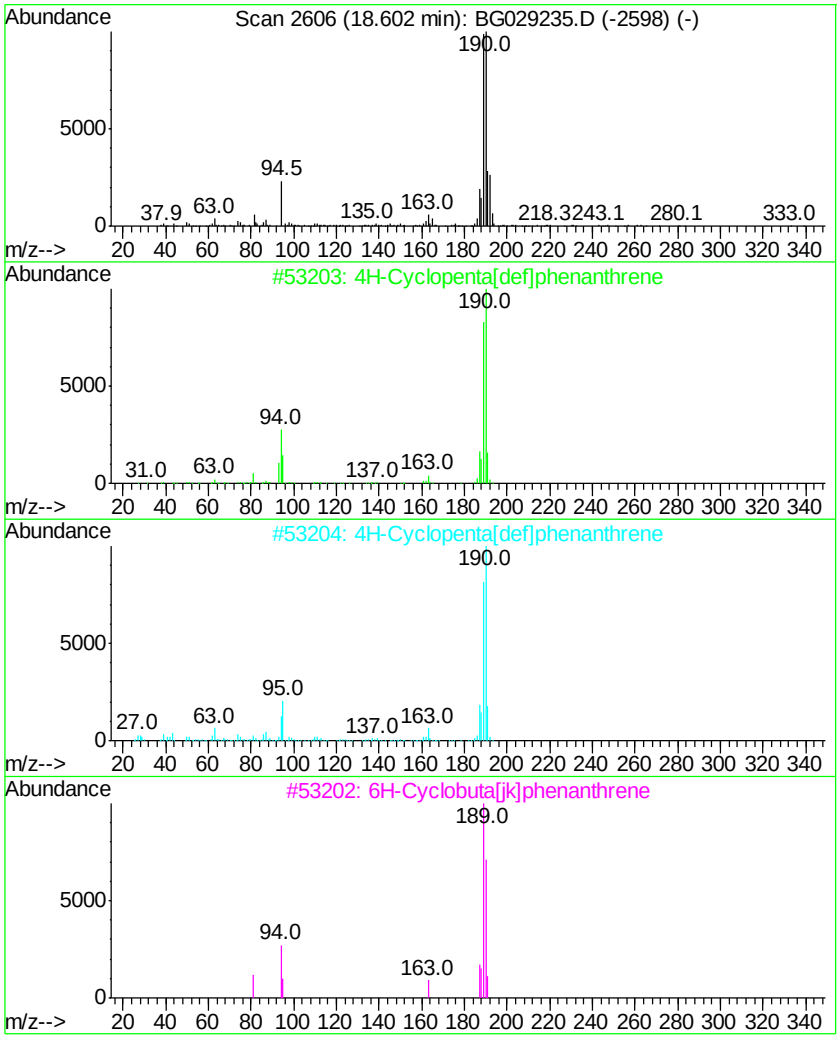
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

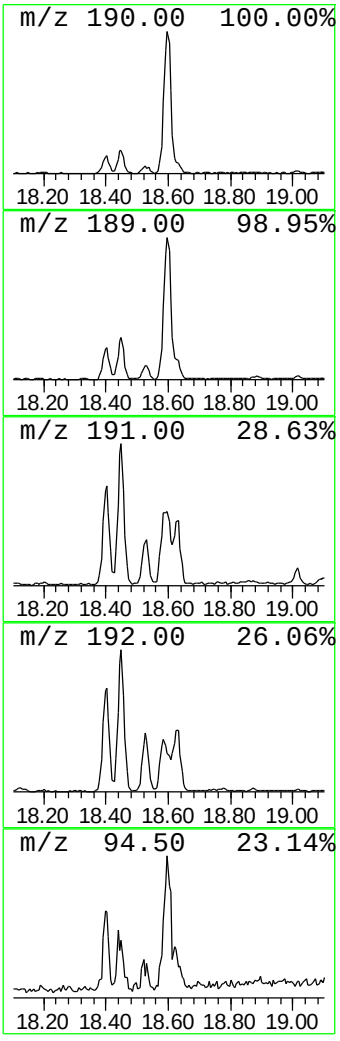
****

Peak Number 4 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	6.66 ng/ul	589018	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	95
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

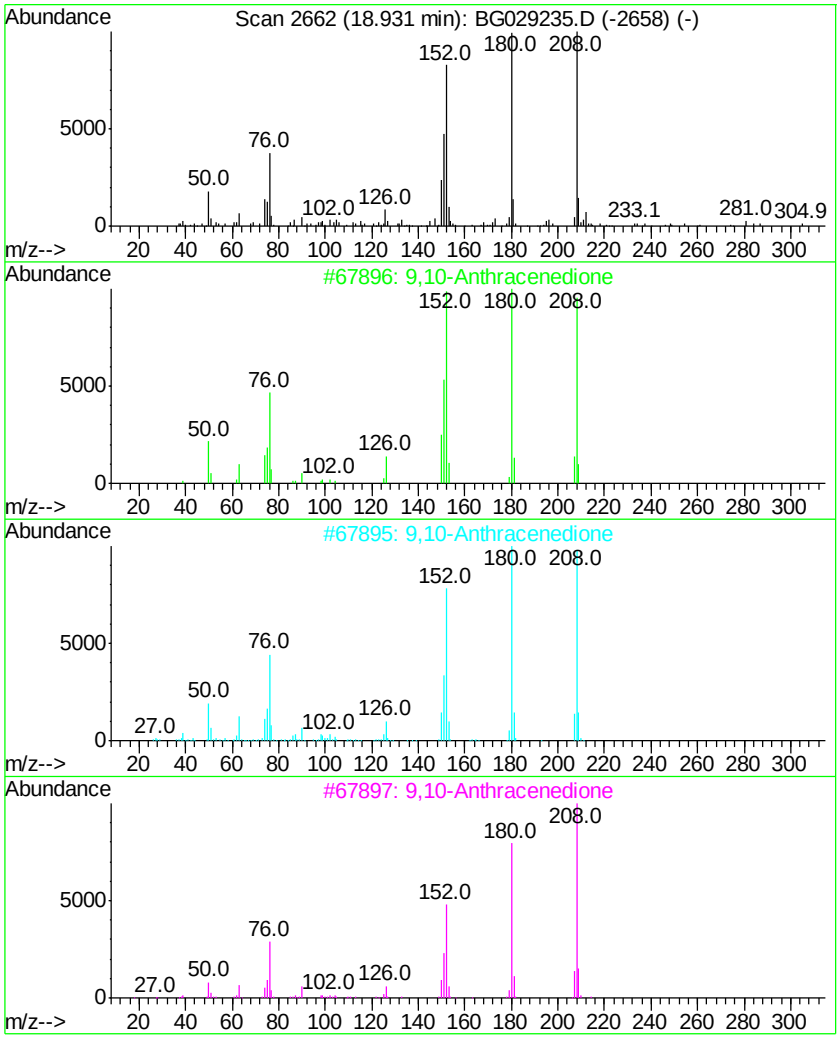
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

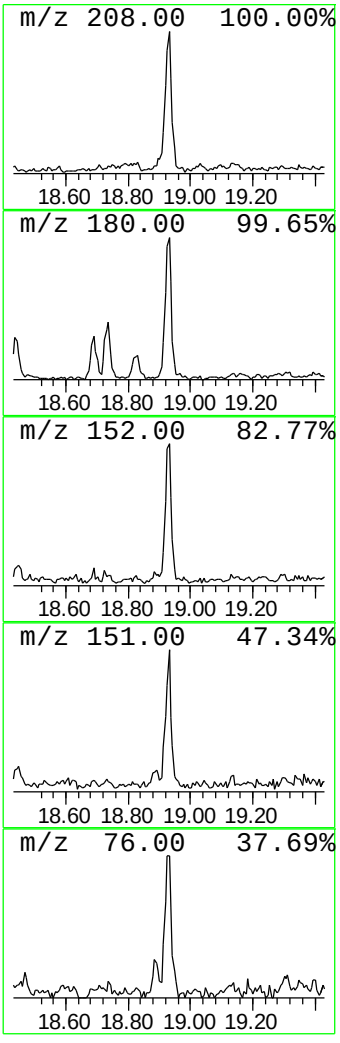
****

Peak Number 5 9,10-Anthracenedione Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.93	2.03 ng/ul	179765	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	9,10-Anthracenedione	208	C14H8O2	000084-65-1	95
3	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64





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Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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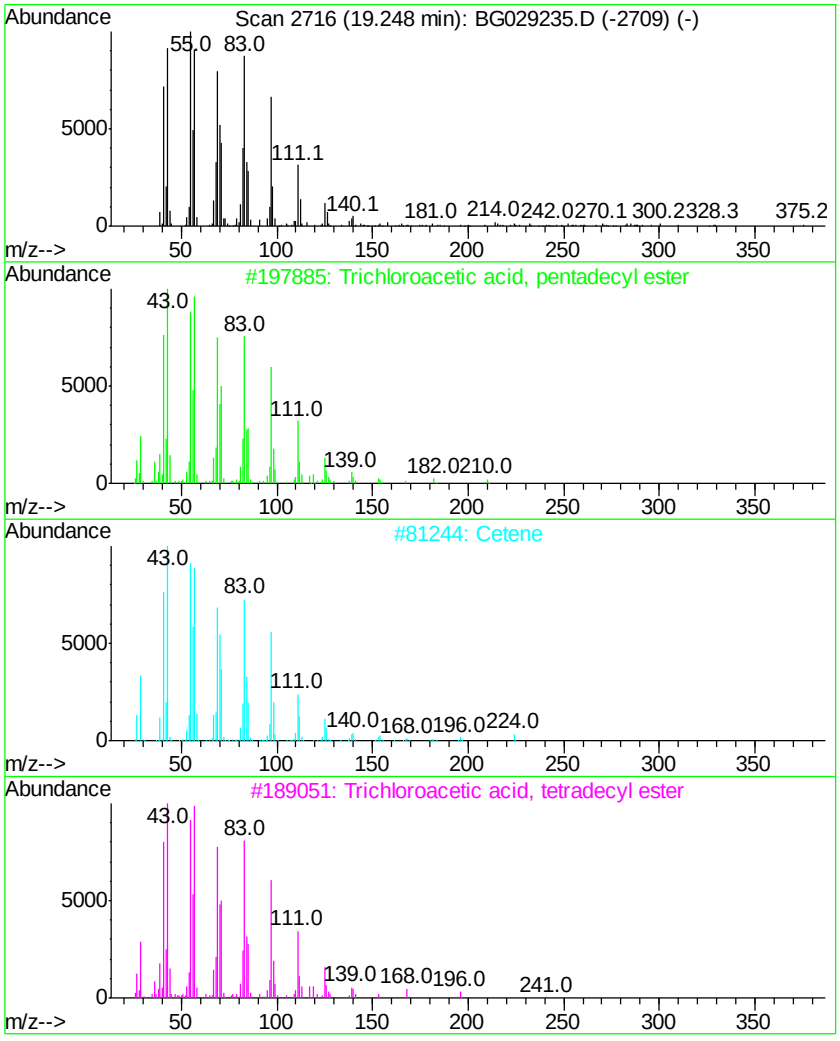
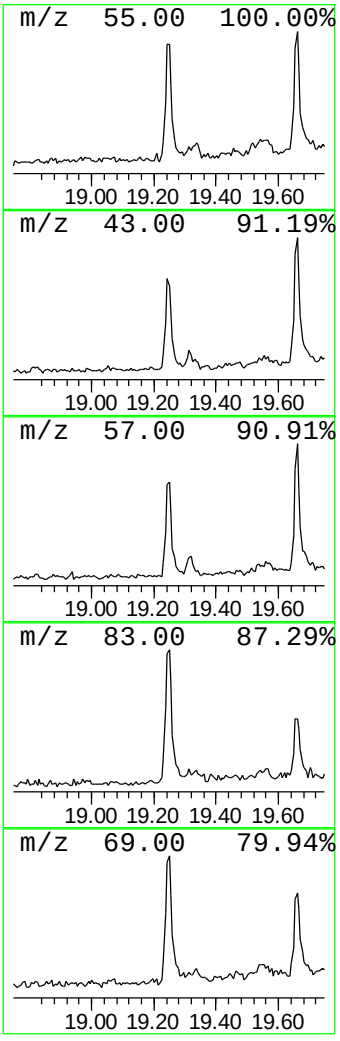
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.25	3.60 ng/ul	318291	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	94
2	Cetene	224	C16H32	000629-73-2	93
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	93
4	1-Hexadecanol	242	C16H34O	036653-82-4	93
5	Cetene	224	C16H32	000629-73-2	92





Library Search Compound Report

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Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

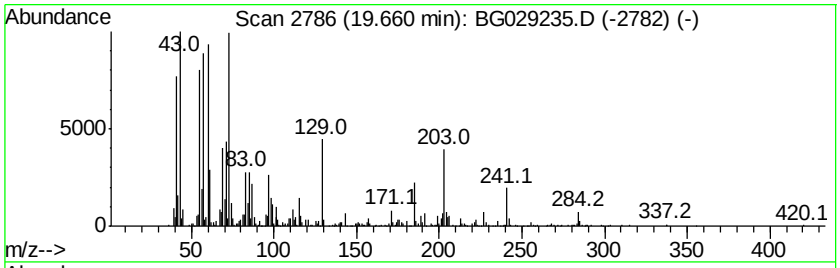
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

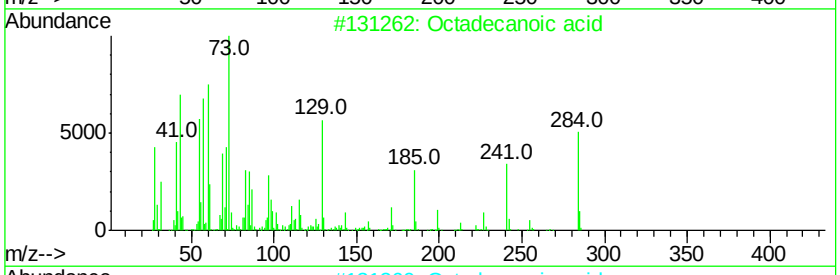
****

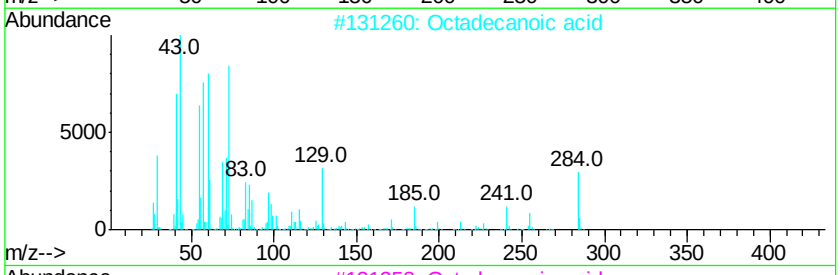
Peak Number 7 Octadecanoic acid Concentration Rank 4

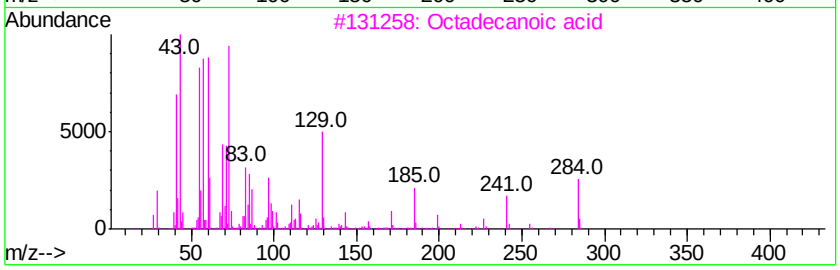
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	5.62 ng/ul	497413	Phenanthrene-d10	17.53

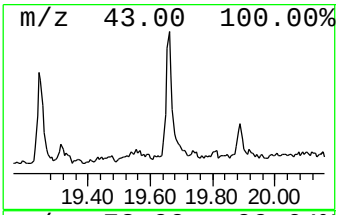
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Octadecanoic acid	284	C18H36O2	000057-11-4	93
3	Octadecanoic acid	284	C18H36O2	000057-11-4	91
4	Octadecanoic acid	284	C18H36O2	000057-11-4	91
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89

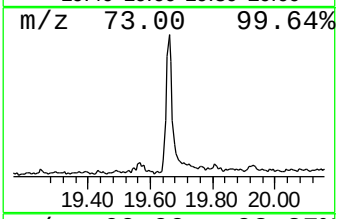


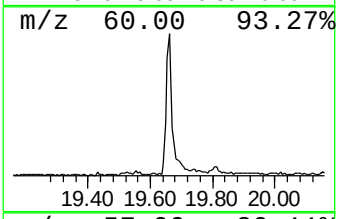


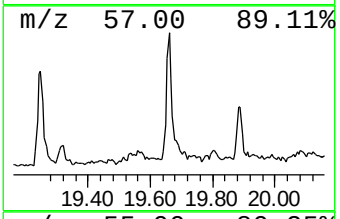


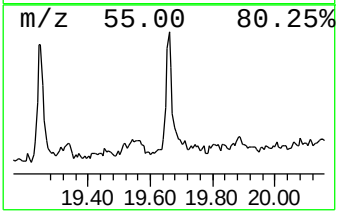












Library Search Compound Report

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Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

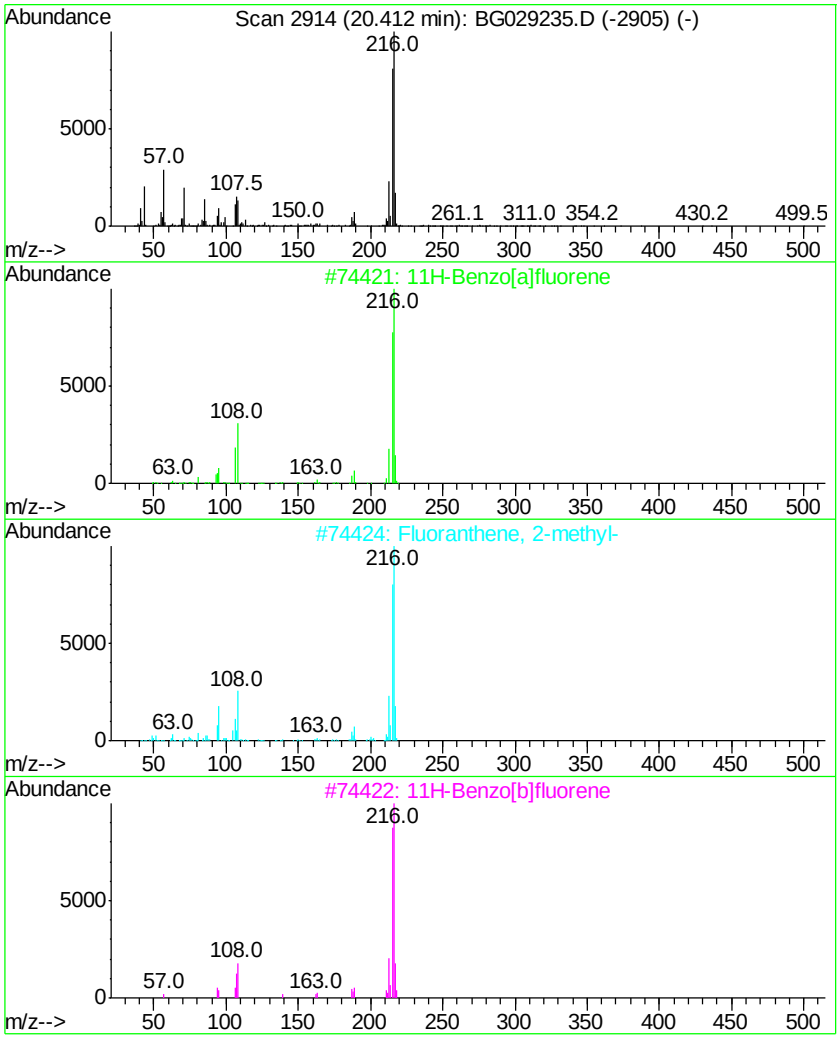
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

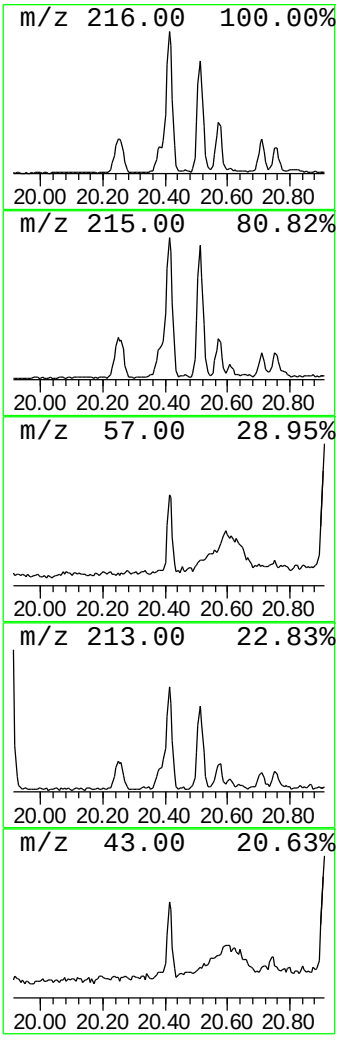
****

Peak Number 8 11H-Benzo[a]fluorene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	4.07 ng/ul	662076	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86





Library Search Compound Report

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Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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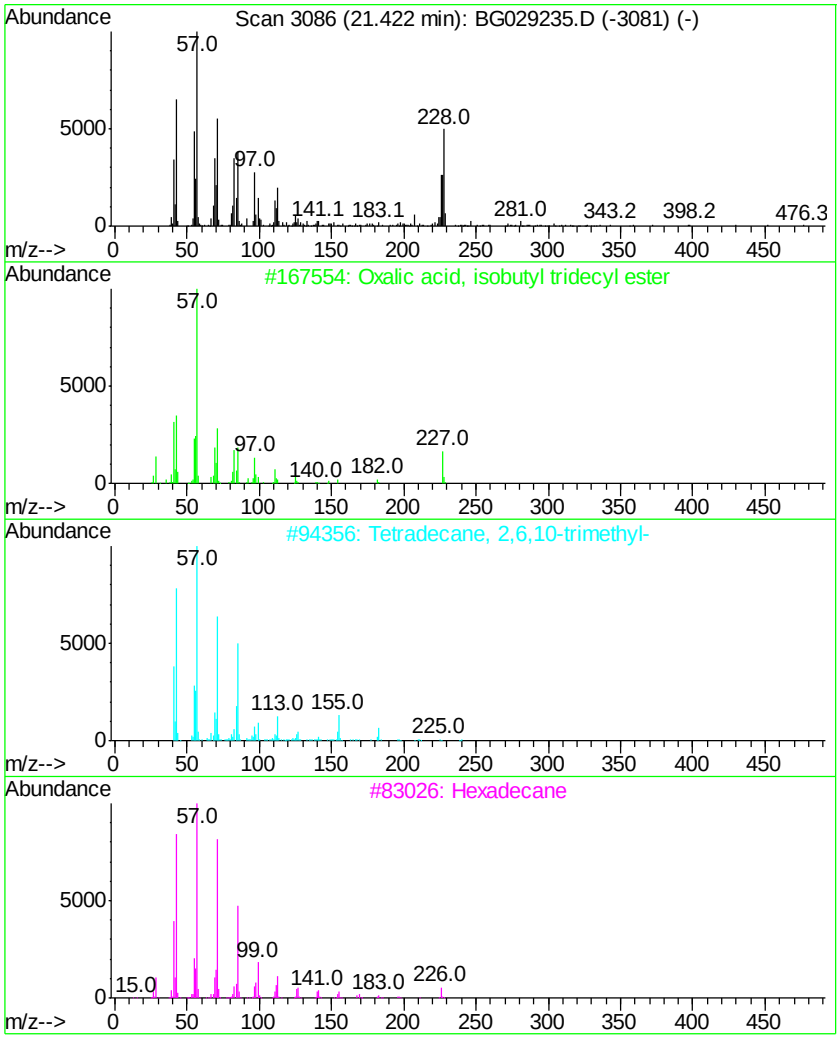
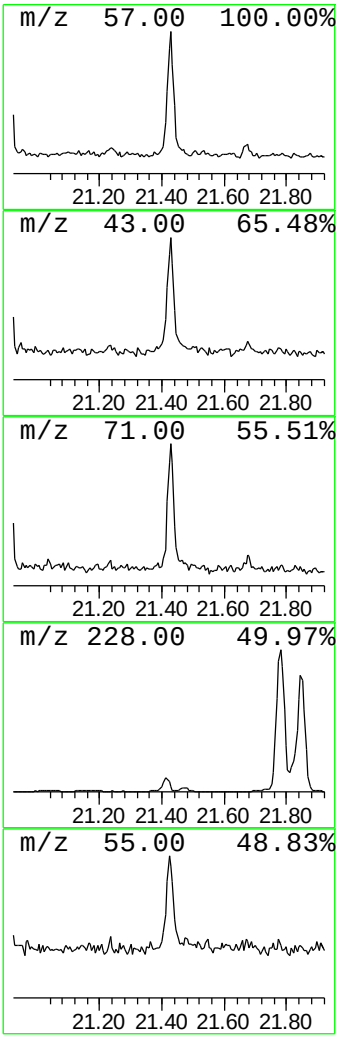
Peak Number 10 unknown-02 Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.42	2.81 ng/ul	457813	Chrysene-d12	21.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, isobutyl tridecyl e...	328	C19H36O4	1000309-37-8	49
2	Tetradecane, 2,6,10-trimethyl-	240	C17H36	014905-56-7	46
3	Hexadecane	226	C16H34	000544-76-3	43
4	Heptacosane, 1-chloro-	414	C27H55Cl	062016-79-9	43
5	Sulfurous acid, octadecyl 2-prop...	376	C21H44O3S	1000309-12-7	43





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Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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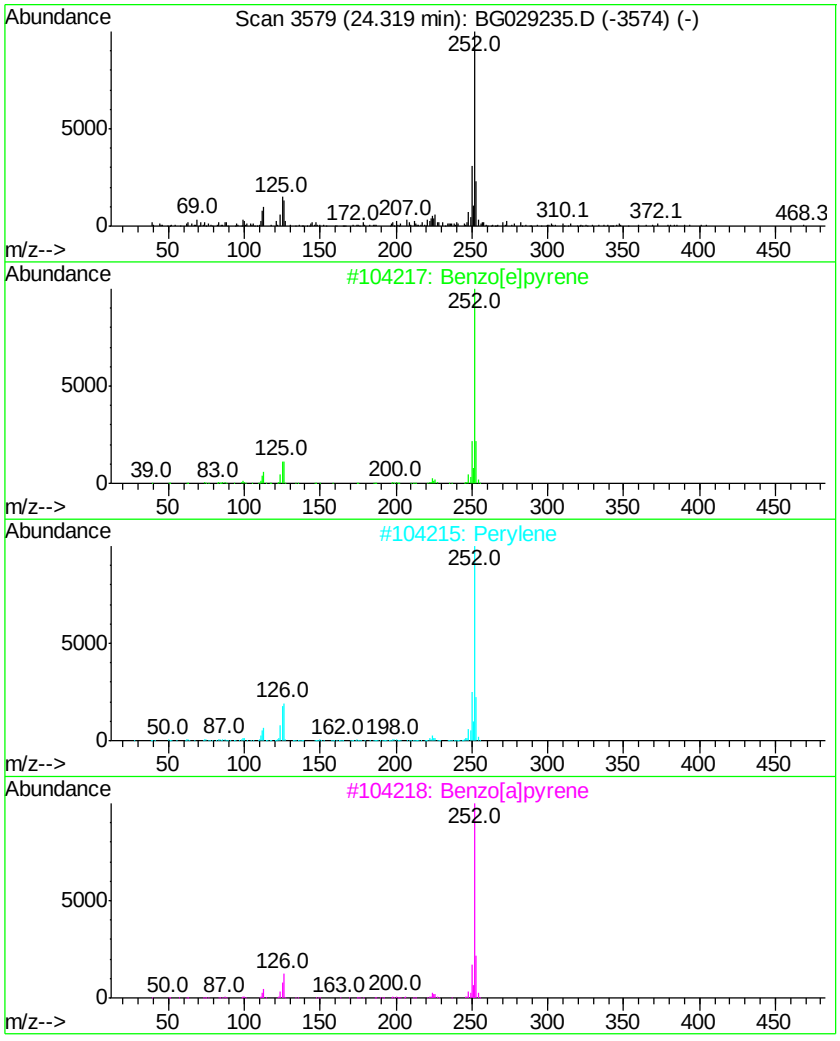
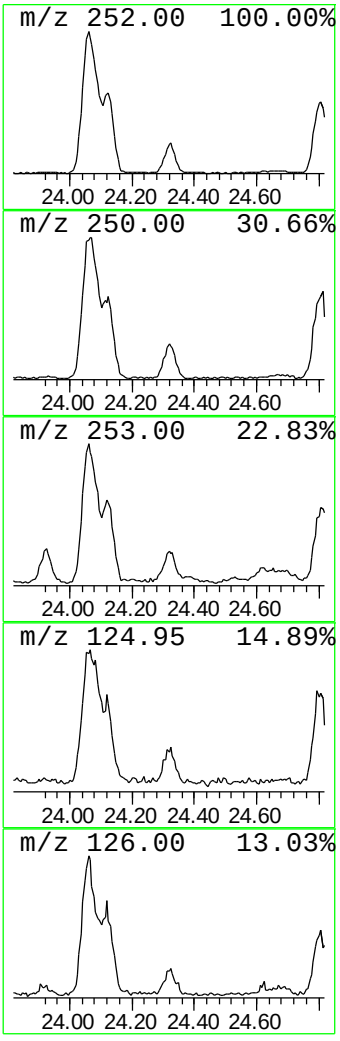
Peak Number 11 Benzo[e]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.32	2.22 ng/ul	267222	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	95
2	Perylene	252	C20H12	000198-55-0	94
3	Benzo[a]pyrene	252	C20H12	000050-32-8	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Library Search Compound Report

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Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

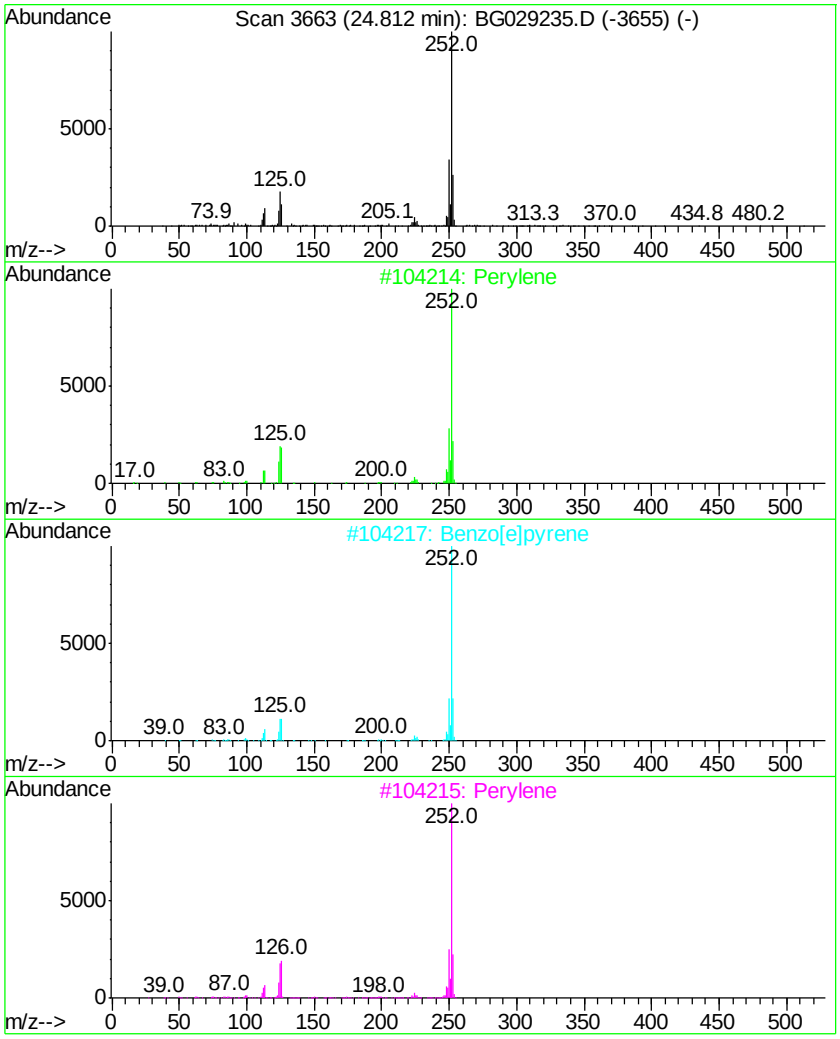
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

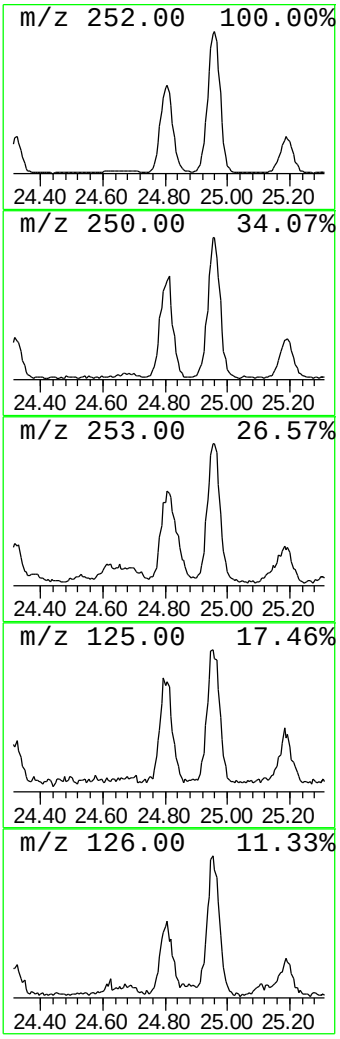
****

Peak Number 12 Perylene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	4.31 ng/ul	518492	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	97
5	Benzo[a]pyrene	252	C20H12	000050-32-8	96





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Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

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

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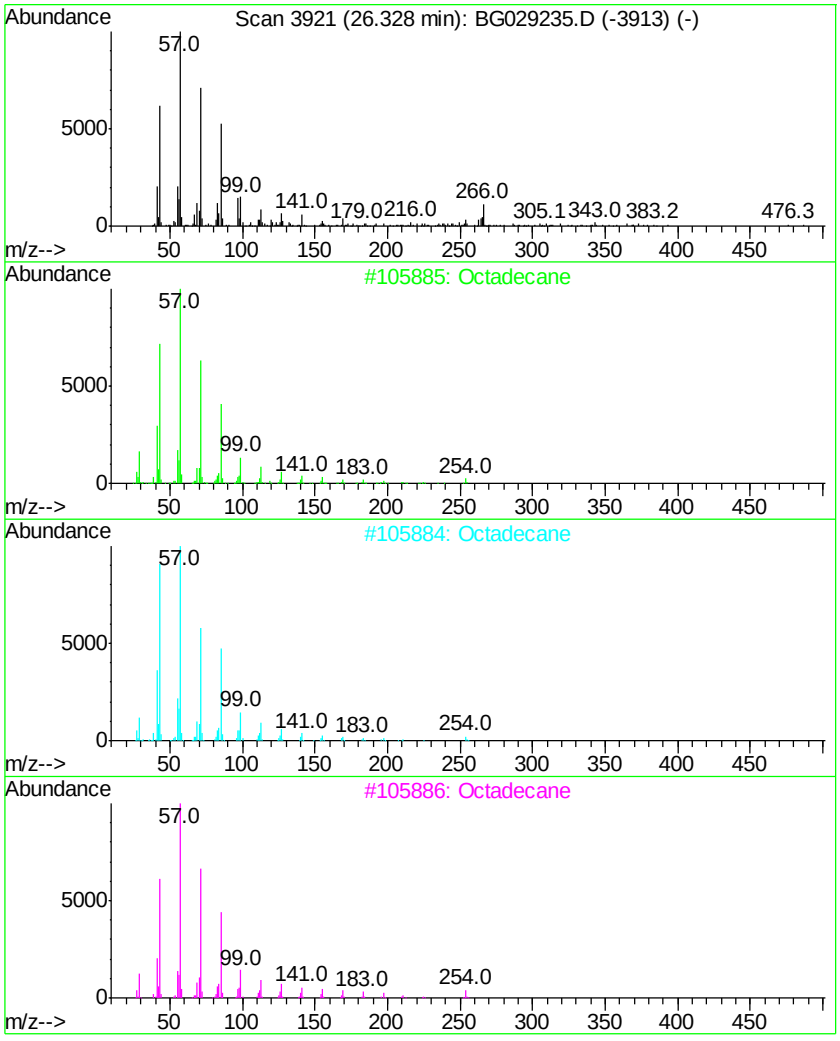
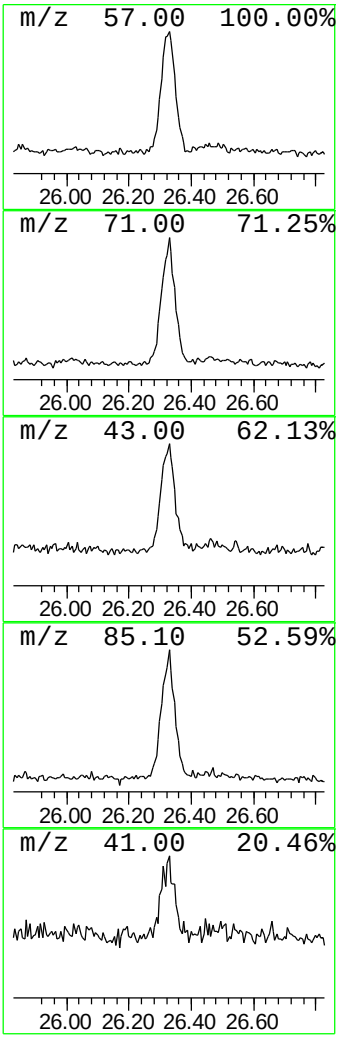
Peak Number 13 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.33	3.94 ng/ul	474172	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	97
2	Octadecane	254	C18H38	000593-45-3	93
3	Octadecane	254	C18H38	000593-45-3	80
4	Heneicosane	296	C21H44	000629-94-7	76
5	Tetratetracontane	619	C44H90	007098-22-8	72





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Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

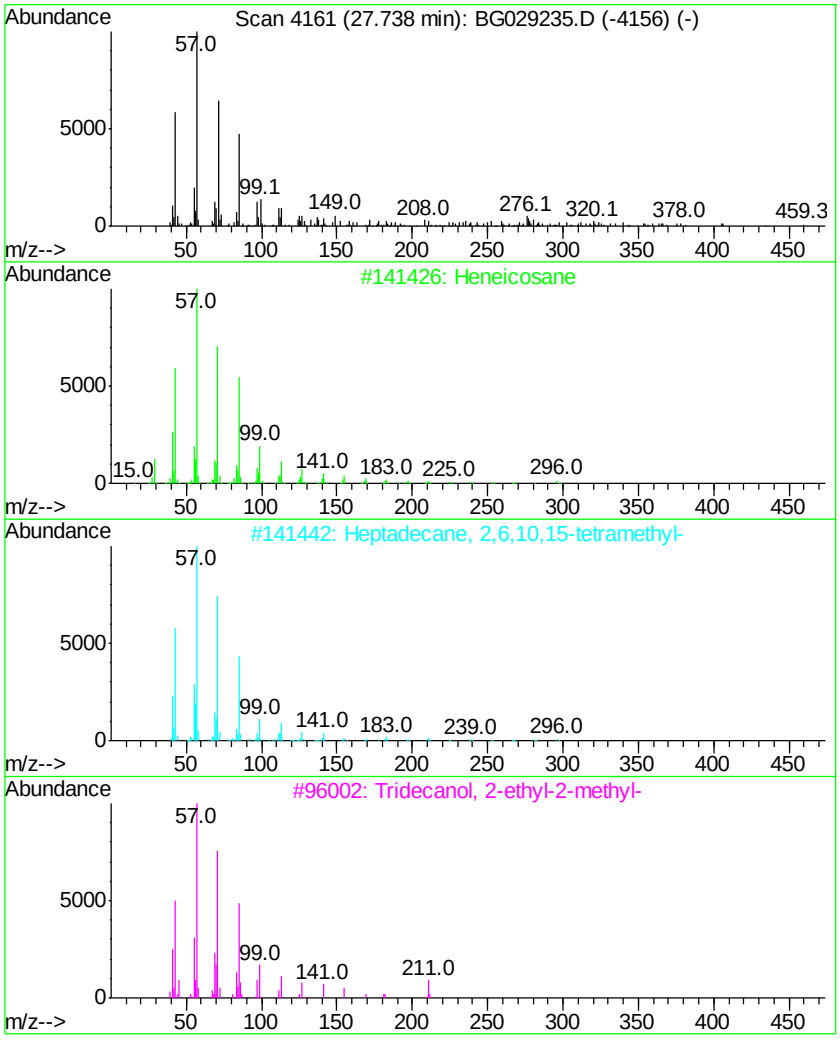
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

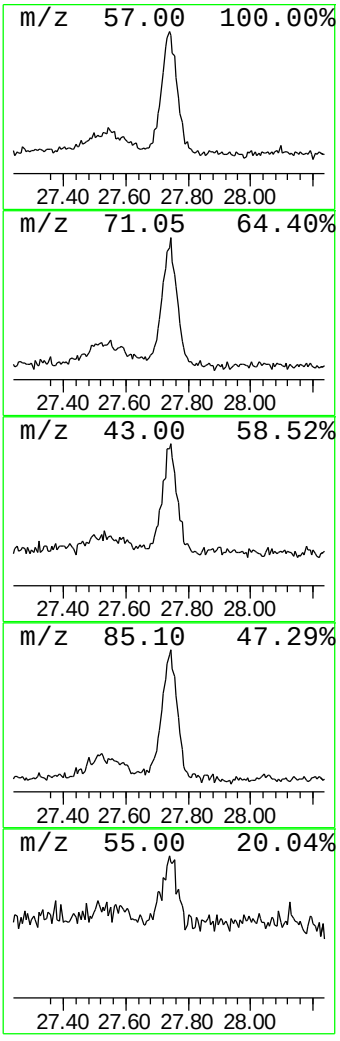
****

Peak Number 14 (DEL) Alkane: Straight-Chai... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.74	3.45 ng/ul	414522	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	94
2	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	87
3	Tridecanol, 2-ethyl-2-methyl-	242	C16H34O	1000115-66-1	86
4	Tetracosane	338	C24H50	000646-31-1	83
5	Hexacosane	366	C26H54	000630-01-3	83





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Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.M
Quant Title : SVOA CALIBRATION

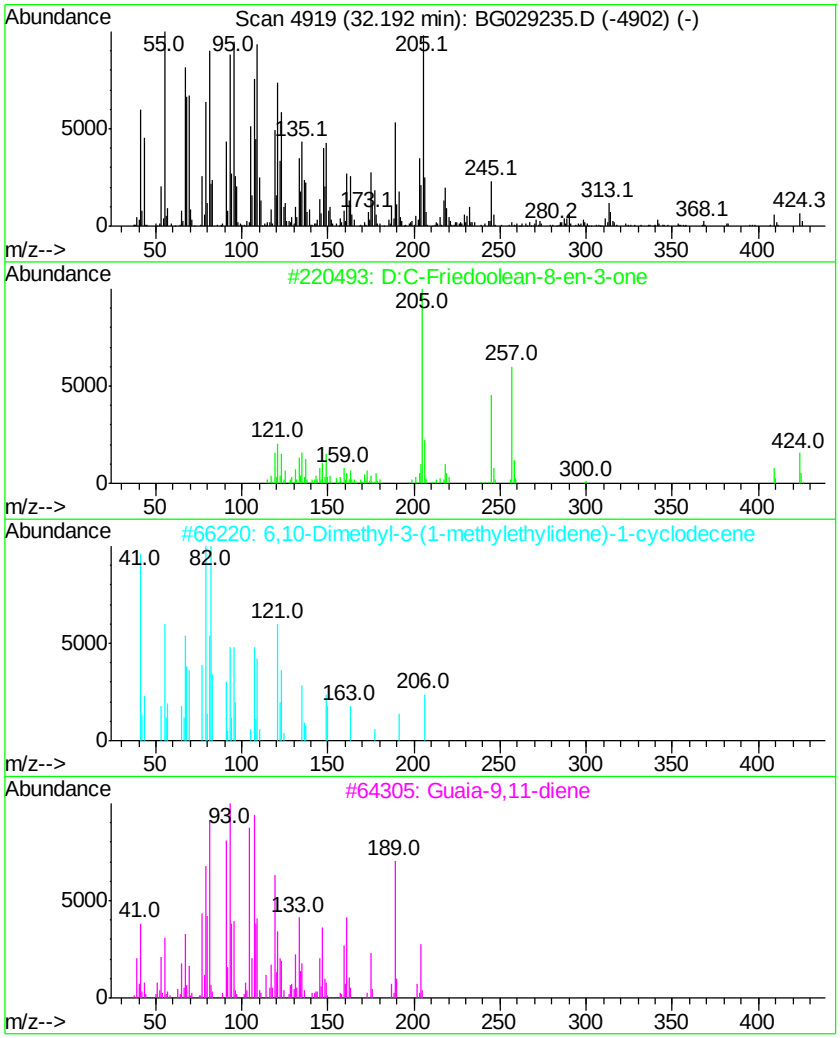
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

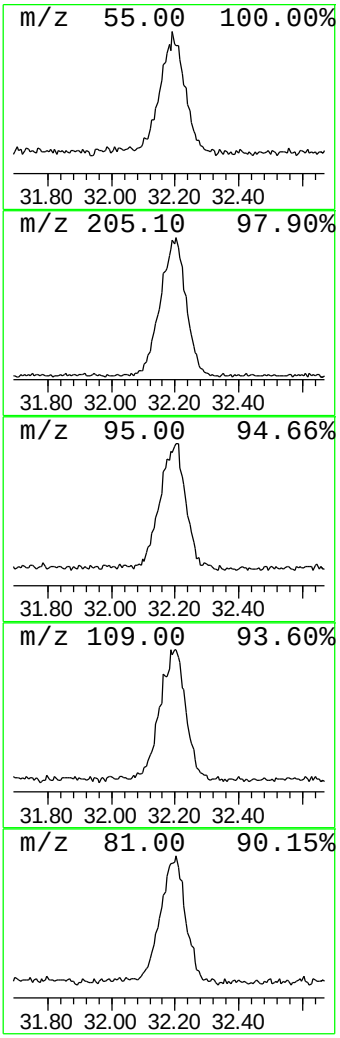
****

Peak Number 15 D:C-Friedoolean-8-en-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
32.19	39.74 ng/ul	4777020	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	D:C-Friedoolean-8-en-3-one	424	C30H48O	022611-26-3	64
2	6,10-Dimethyl-3-(1-methylethylid...	206	C15H26	069239-71-0	64
3	Guaia-9,11-diene	204	C15H24	1000374-19-8	47
4	Naphthalene, 1,2,3,5,6,7,8,8a-oc...	204	C15H24	010219-75-7	46
5	.gamma.-Elemene	204	C15H24	029873-99-2	46





Tentatively Identified Compound (LSC) summary

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA_G\DATA\BG101517\
Data File : BG029235.D
Acq On : 14 Oct 2017 22:53
Operator : SJ/JU
Sample : I5548-21
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : C0AE7

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG101417.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
unknown-01	4.08	2.2	ng/ul	80007	1	8.17	714078	20.0
n-Hexadecanoic acid	18.40	8.6	ng/ul	763977	4	17.53	1768900	20.0
Phenanthrene, 2-m...	18.45	4.1	ng/ul	361995	4	17.53	1768900	20.0
4H-Cyclopenta[def...	18.60	6.7	ng/ul	589018	4	17.53	1768900	20.0
9,10-Anthracenedione	18.93	2.0	ng/ul	179765	4	17.53	1768900	20.0
Trichloroacetic a...	19.25	3.6	ng/ul	318291	4	17.53	1768900	20.0
Octadecanoic acid	19.66	5.6	ng/ul	497413	4	17.53	1768900	20.0
11H-Benzo[a]fluorene	20.41	4.1	ng/ul	662076	5	21.80	3255420	20.0
unknown-02	21.42	2.8	ng/ul	457813	5	21.80	3255420	20.0
Benzo[e]pyrene	24.32	2.2	ng/ul	267222	6	25.11	2404060	20.0
Perylene	24.81	4.3	ng/ul	518492	6	25.11	2404060	20.0
(DEL) Alkane: Str...	26.33	3.9	ng/ul	474172	6	25.11	2404060	20.0
(DEL) Alkane: Str...	27.74	3.5	ng/ul	414522	6	25.11	2404060	20.0
D:C-Friedoolean-8...	32.19	39.7	ng/ul	4777020	6	25.11	2404060	20.0