LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

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-BG061617.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	7.655	634	641	652	rVB2	79517	162703	4.04%	0.464%
2	7.831	664	671	685	rVB	62790	110084	2.73%	0.314%
3	8.054	699	709	723	rBV	73086	135689	3.37%	0.387%
4	8.518	775	788	797	rVB	132546	246729	6.12%	0.704%
5	9.194	895	903	916	rBV	106771	195587	4.85%	0.558%
6	9.682	973	986	1001	rBV	78084	148876	3.69%	0.425%
7	10.404	1102	1109	1117	rBV2	56667	106431	2.64%	0.304%
8	10.939	1192	1200	1214	rVB	99174	188495	4.68%	0.538%
9	11.339	1259	1268	1274	rVV	218010	434165	10.77%	1.239%
10	11.386	1274	1276	1282	rVV	25855	37310	0.93%	0.107%
11	11.462	1282	1289	1305	rVB	93669	192939	4.79%	0.551%
12	14.488	1797	1804	1808	rVV	220507	324735	8.06%	0.927%
13	14.535	1808	1812	1818	rVB	65992	97315	2.41%	0.278%
14	14.799	1848	1857	1872	rBV	224325	389536	9.66%	1.112%
15	15.105	1899	1909	1916	rBV2	374969	631081	15.66%	1.802%
16	16.092	2070	2077	2083	rVV	309398	500872	12.43%	1.430%
17	16.779	2185	2194	2199	rBV4	24012	55166	1.37%	0.157%
18	17.855	2370	2377	2381	rBV	474209	785556	19.49%	2.243%
19	17.896	2382	2384	2388	rVV	96991	118383	2.94%	0.338%
20	17.949	2388	2393	2407	rVB3	327677	609179	15.11%	1.739%
21	18.254	2434	2445	2450	rBV2	29586	72593	1.80%	0.207%
22	18.689	2515	2519	2522	rBV6	24315	40204	1.00%	0.115%
23	18.765	2528	2532	2537	rVB2	26921	43580	1.08%	0.124%
24	18.918	2551	2558	2562	rBV3	26098	62553	1.55%	0.179%
25	19.206	2602	2607	2611	rBV2	21958	33481	0.83%	0.096%
26	19.253	2611	2615	2621	rVB	36490	59047	1.46%	0.169%
27	19.617	2670	2677	2683	rBV3	35681	86928	2.16%	0.248%
28	19.764	2696	2702	2710	rBV2	91725	164817	4.09%	0.471%
29	19.887	2712	2723	2729	rBV	901671	1351497	33.53%	3.858%
30	19.976	2735	2738	2744	rVB2	34302	51427	1.28%	0.147%
31	20.093	2751	2758	2762	rBV3	134197	203003	5.04%	0.580%
32	20.252	2773	2785	2791	rBV2	1106187	2504484	62.13%	7.150%
33	20.311	2791	2795	2801	rVB	61189	98159	2.44%	0.280%
34	20.422	2802	2814	2818	rBV2	69887	139369	3.46%	0.398%

LSC Area Percent Report

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Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

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-BG061617.M
Title : SVOA CALIBRATION

35	20.487	2818	2825	2831	rVB	95317	182234	4.52%	0.520%
36	20.563	2831	2838	2846	rBV3	135045	356760	8.85%	1.018%
37	20.710	2854	2863	2871	rBV3	149439	422696	10.49%	1.207%
38	20.781	2871	2875	2879	rBV2	31100	52943	1.31%	0.151%
39	20.898	2886	2895	2899	rBV2	153700	351621	8.72%	1.004%
40	20.969	2904	2907	2913	rVB2	32233	55994	1.39%	0.160%
41	21.051	2914	2921	2925	rBV	136019	257055	6.38%	0.734%
42	21.092	2925	2928	2935	rVV2	67203	123019	3.05%	0.351%
43	21.151	2935	2938	2942	rVV	65613	72868	1.81%	0.208%
44	21.315	2961	2966	2969	rBV3	38932	70414	1.75%	0.201%
45	21.356	2970	2973	2981	rVB8	42435	105229	2.61%	0.300%
46	21.450	2982	2989	2994	rBV7	33602	62739	1.56%	0.179%
47	21.556	3001	3007	3014	rBV	236115	439335	10.90%	1.254%
48	21.662	3021	3025	3031	rVB2	47926	88537	2.20%	0.253%
49	21.762	3032	3042	3046	rVV3	143105	441532	10.95%	1.261%
50	21.809	3046	3050	3054	rVV3	138556	275086	6.82%	0.785%
51	21.862	3054	3059	3065	rVV2	193857	407611	10.11%	1.164%
52	21.926	3065	3070	3082	rVB2	142974	334302	8.29%	0.954%
53	22.061	3083	3093	3102	rBV5	54178	212468	5.27%	0.607%
54	22.220	3105	3120	3127	rBV2	714972	2600489	64.52%	7.424%
55	22.285	3127	3131	3144	rVB	545603	1160981	28.80%	3.314%
56	22.385	3145	3148	3155	rVB6	44485	78094	1.94%	0.223%
57	22.455	3155	3160	3168	rBV3	58945	143162	3.55%	0.409%
58	22.537	3168	3174	3176	rBV5	44536	81721	2.03%	0.233%
59	22.684	3191	3199	3205	rBV3	92826	236108	5.86%	0.674%
60	22.755	3205	3211	3223	rVB6	74569	239946	5.95%	0.685%
61	22.884	3224	3233	3239	rBV8	23728	74625	1.85%	0.213%
62	22.954	3240	3245	3249	rBV4	31640	66231	1.64%	0.189%
63	23.043	3250	3260	3268	rVB	132520	398778	9.89%	1.138%
64	23.131	3269	3275	3283	rVB2	102238	241565	5.99%	0.690%
65	23.231	3285	3292	3305	rVB4	49466	158499	3.93%	0.452%
66	23.354	3306	3313	3318	rBV6	64145	161386	4.00%	0.461%
67	23.513	3333	3340	3347	rVB5	58292	135372	3.36%	0.386%
68	23.806	3381	3390	3393	rBV3	46686	117448	2.91%	0.335%
69	23.853	3394	3398	3414	rVB9	72249	253437	6.29%	0.724%
70	24.006	3417	3424	3428	rBV2	21646	55443	1.38%	0.158%
71	24.083	3430	3437	3447	rVB7	49771	169098	4.20%	0.483%

LSC Area Percent Report

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Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

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-BG061617.M
Title : SVOA CALIBRATION

72	24.282	3459	3471	3491	rVB4	85534	423611	10.51%	1.209%
73	24.476	3494	3504	3514	rBV6	50492	159319	3.95%	0.455%
74	24.570	3516	3520	3531	rVB3	30145	73451	1.82%	0.210%
75	24.723	3533	3546	3567	rBV	786685	4030826	100.00%	11.507%
76	24.911	3574	3578	3586	rVB3	32105	83364	2.07%	0.238%
77	25.011	3586	3595	3606	rBV	99463	303793	7.54%	0.867%
78	25.246	3627	3635	3651	rBV3	59047	282607	7.01%	0.807%
79	25.551	3675	3687	3696	rBV	337995	1140423	28.29%	3.256%
80	25.640	3696	3702	3707	rVB	111920	281625	6.99%	0.804%
81	25.716	3708	3715	3729	rVB	380836	1197576	29.71%	3.419%
82	25.886	3729	3744	3753	rBV2	292585	1262946	31.33%	3.606%
83	25.974	3753	3759	3774	rVB3	123990	493038	12.23%	1.408%
84	26.644	3866	3873	3878	rBV8	15024	41420	1.03%	0.118%
85	26.774	3888	3895	3905	rVB5	24552	82116	2.04%	0.234%
86	26.885	3910	3914	3927	rVB9	26207	88136	2.19%	0.252%
87	27.144	3944	3958	3969	rBV3	98020	352502	8.75%	1.006%
88	27.367	3986	3996	4003	rVB3	12156	50890	1.26%	0.145%
89	27.473	4005	4014	4026	rBV3	19162	80849	2.01%	0.231%
90	27.790	4060	4068	4077	rBV9	13451	50136	1.24%	0.143%
91	28.213	4130	4140	4154	rVB9	12616	62533	1.55%	0.179%
92	28.483	4177	4186	4208	rVB8	34150	200603	4.98%	0.573%
93	28.707	4211	4224	4234	rBV3	105681	425575	10.56%	1.215%
94	29.559	4350	4369	4370	rBV3	41585	139268	3.46%	0.398%
95	30.105	4444	4462	4484	rVB5	175634	1068676	26.51%	3.051%
96	30.352	4488	4504	4524	rVB6	78712	389008	9.65%	1.111%
97	30.598	4527	4546	4568	rBV9	85310	549568	13.63%	1.569%
98	30.804	4569	4581	4582	rBV2	28837	66247	1.64%	0.189%
99	31.403	4654	4683	4706	rBV4	87240	549162	13.62%	1.568%
100	32.103	4797	4802	4816	rVB4	10251	31932	0.79%	0.091%

Sum of corrected areas: 35027999

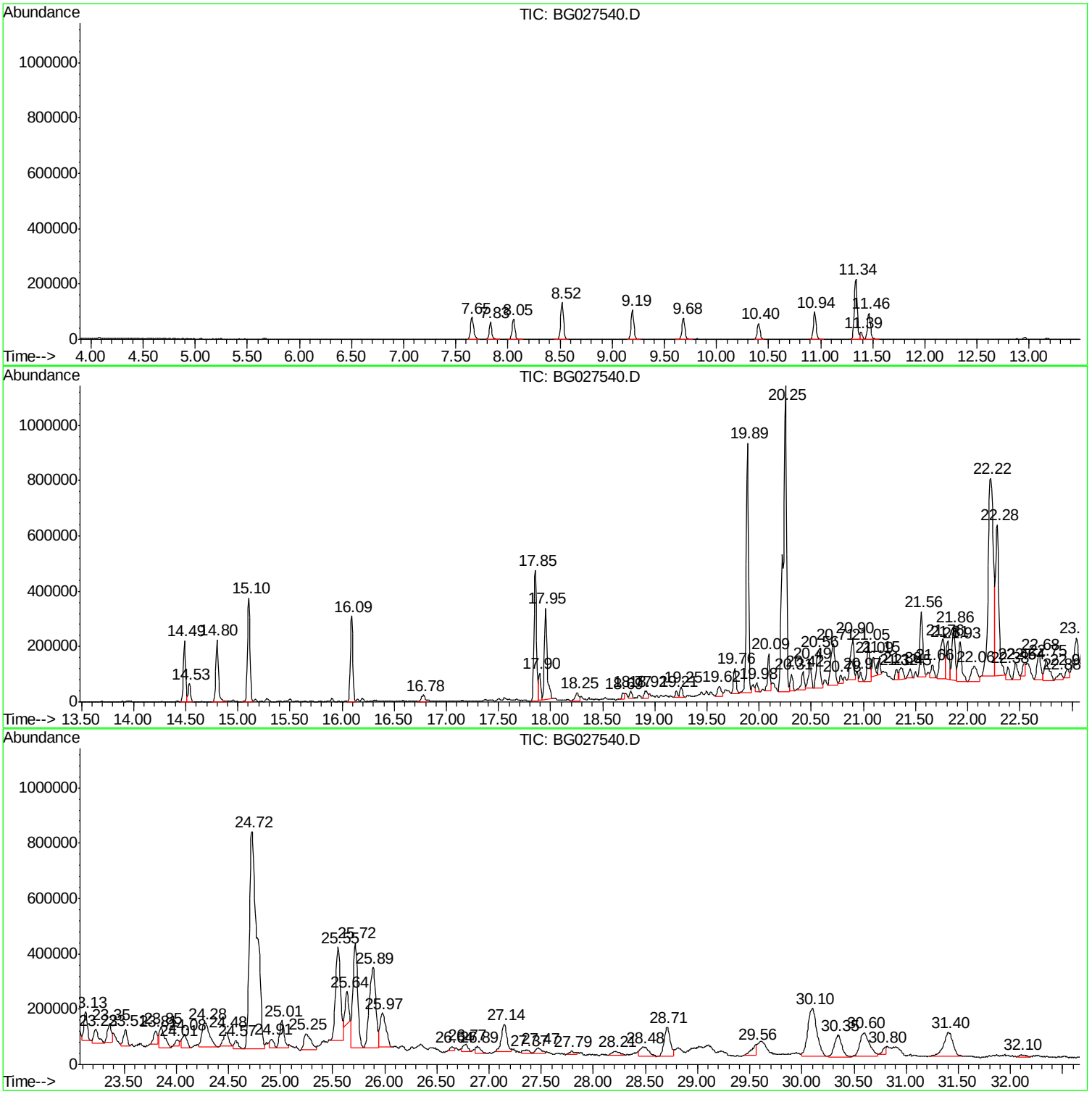
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

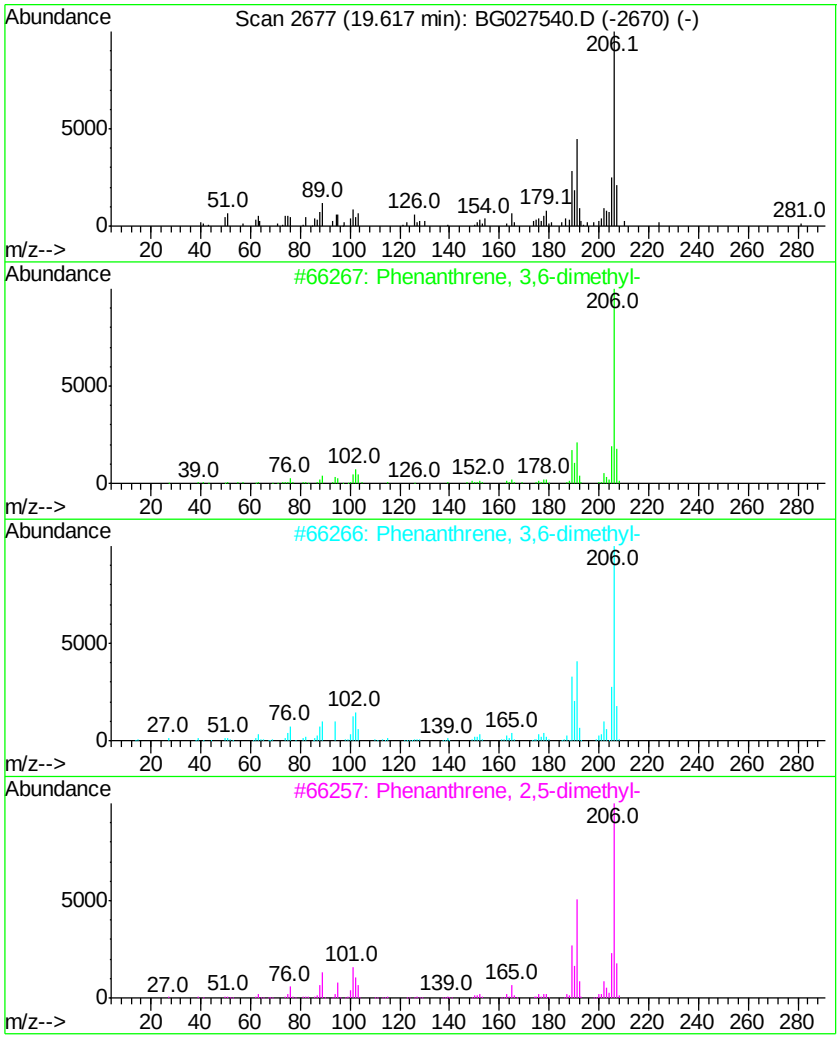
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

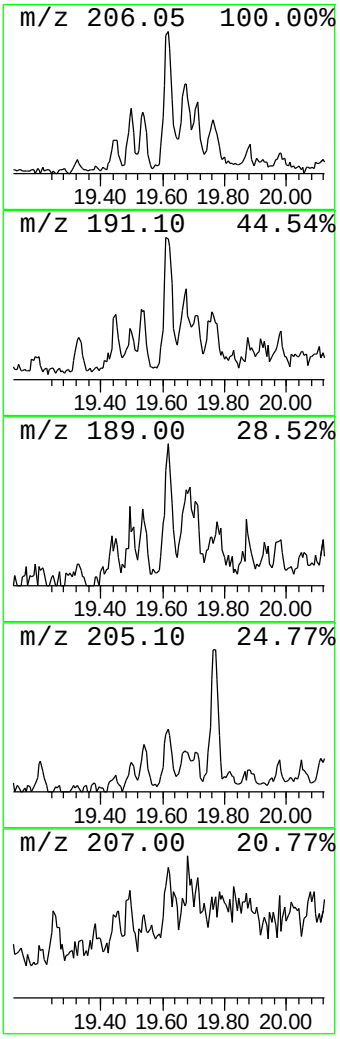
****

Peak Number 1 Phenanthrene, 3,6-dimethyl- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	2.21 ng/ul	86928	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

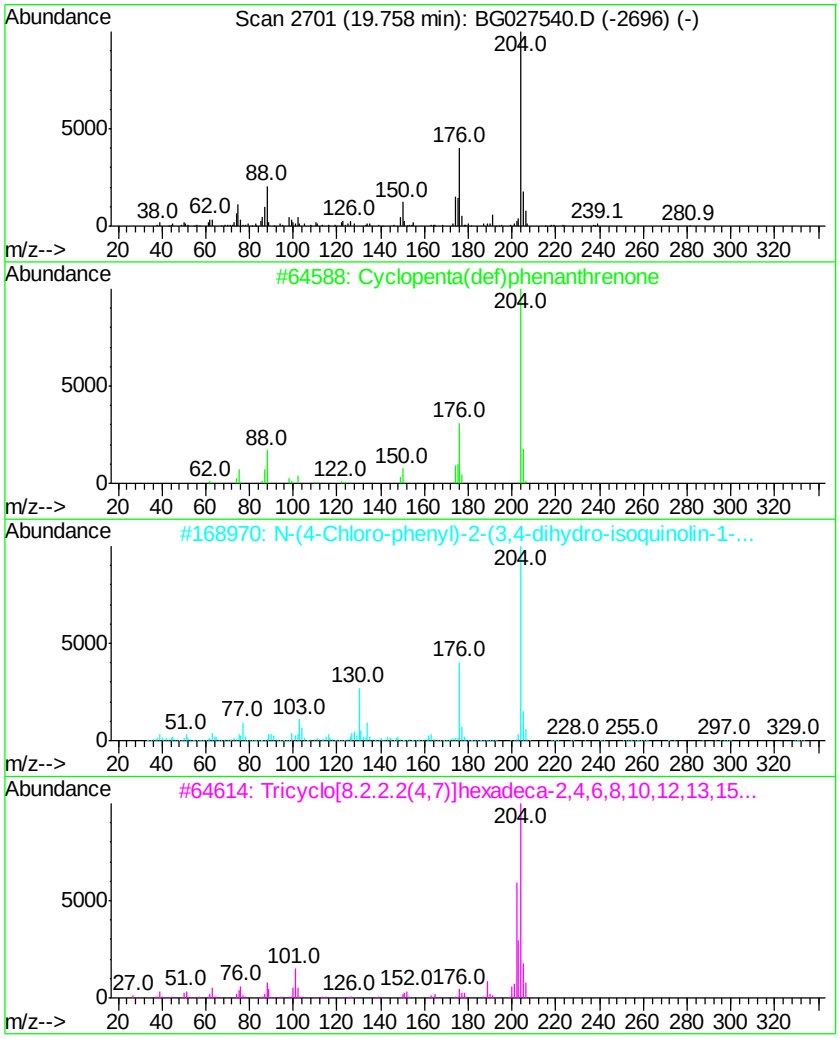
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

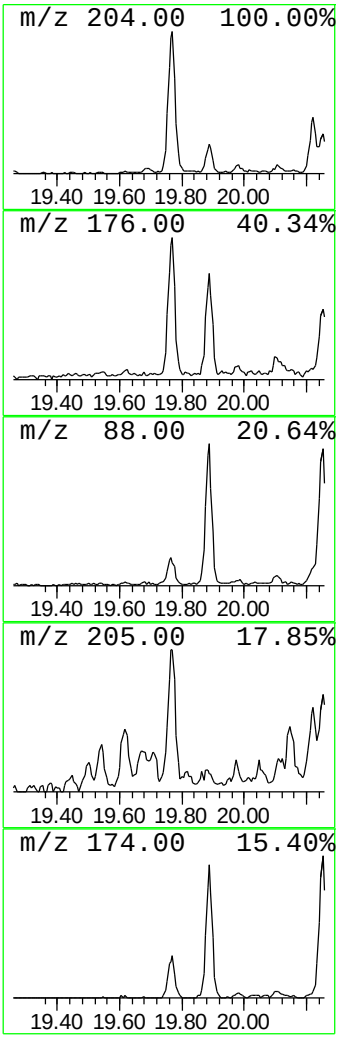
****

Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.76	4.20 ng/ul	164817	Phenanthrene-d10	17.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	43
4	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42
5	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
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Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

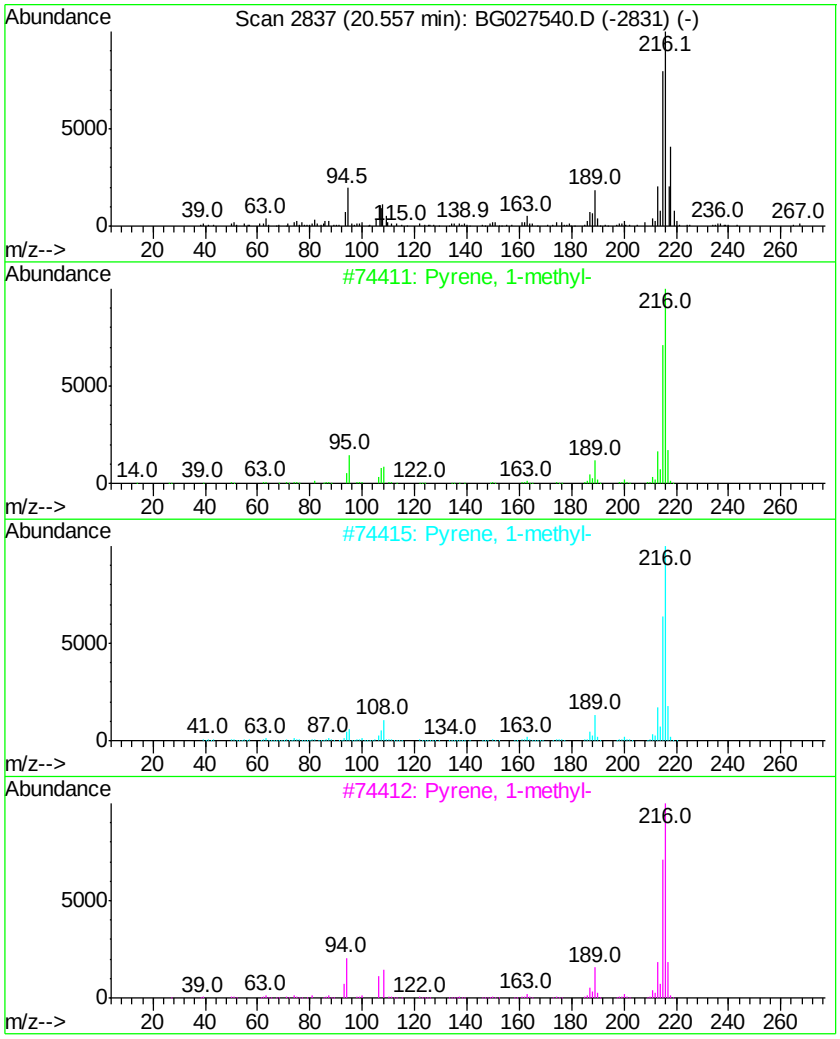
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

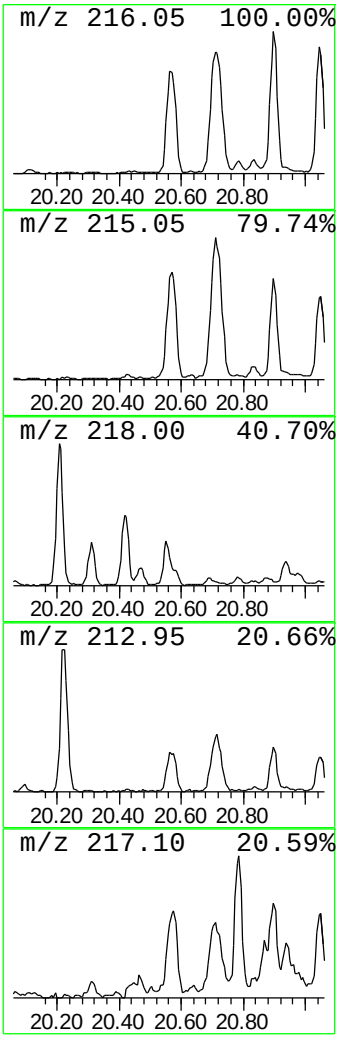
****

Peak Number 3 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.56	2.74 ng/ul	356760	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

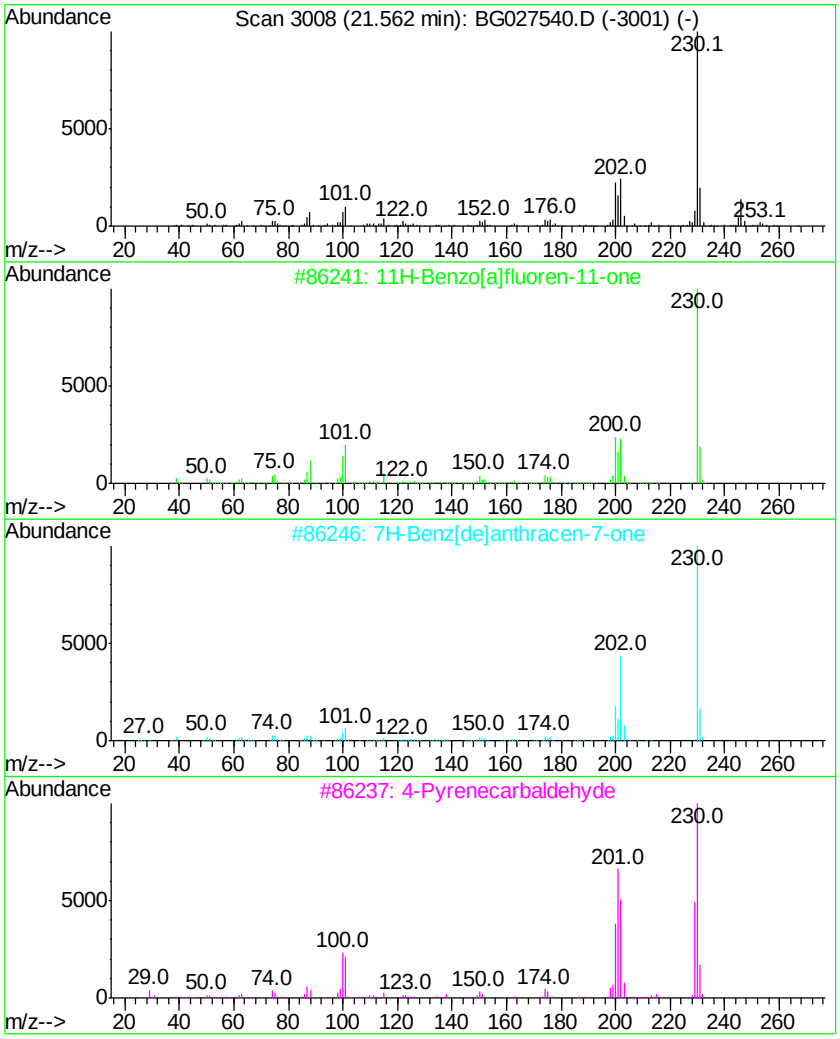
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

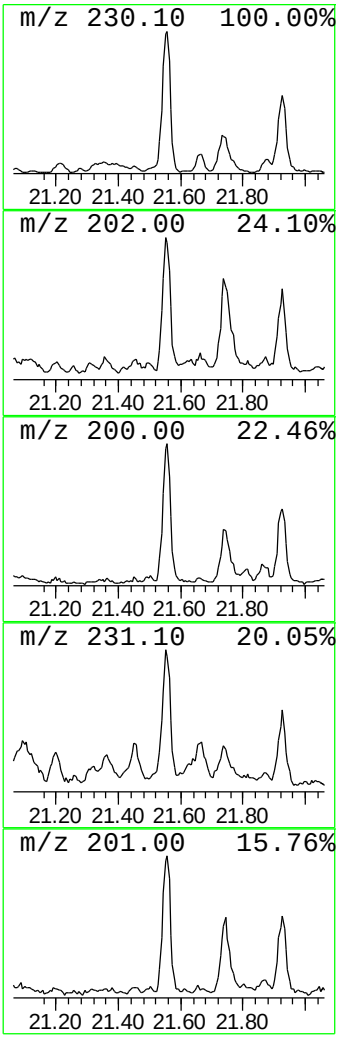
****

Peak Number 6 11H-Benzo[a]fluoren-11-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	3.38 ng/ul	439335	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
5	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

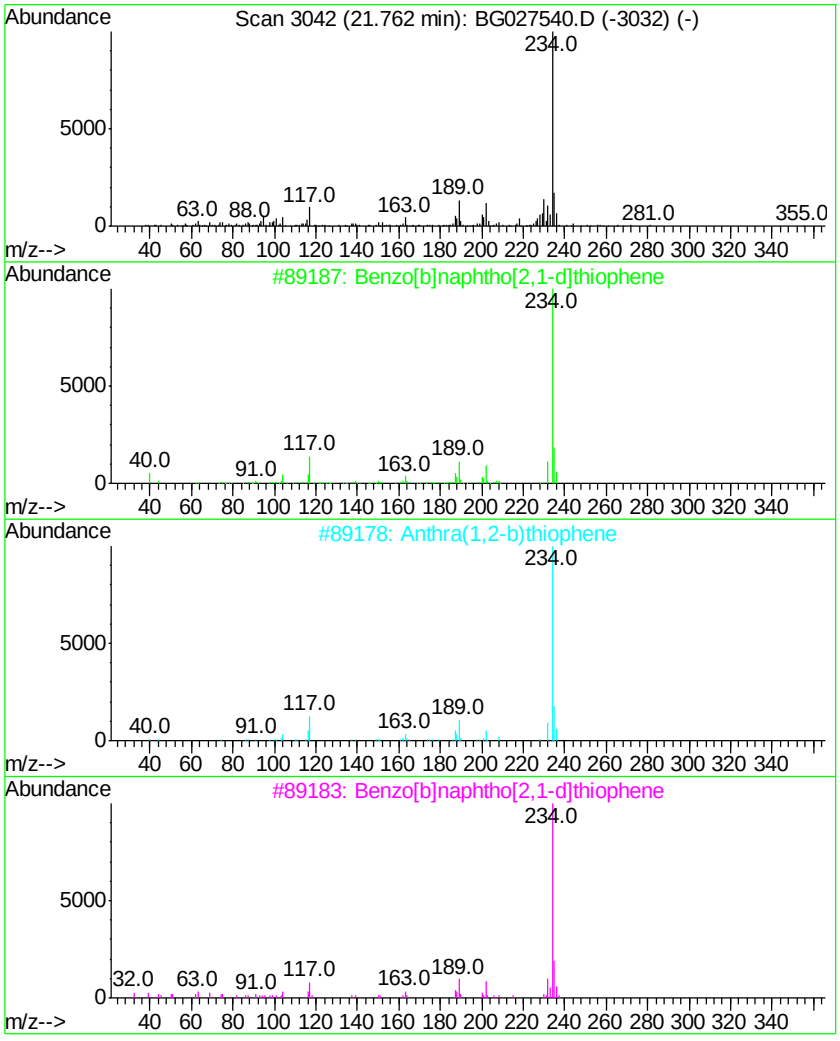
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

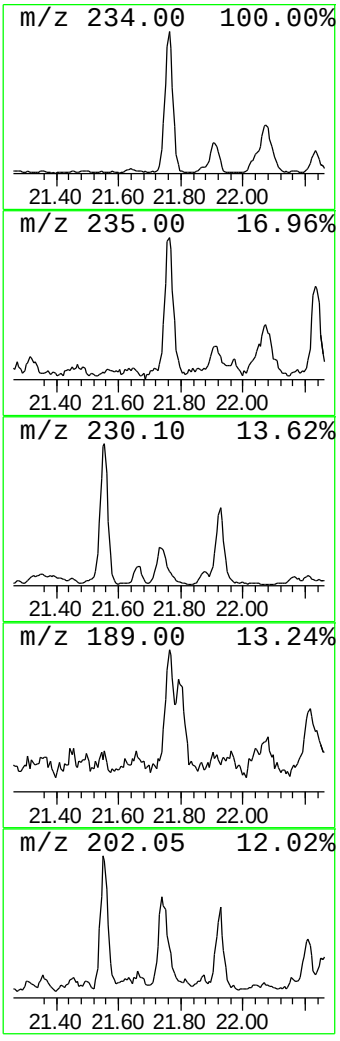
****

Peak Number 7 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.40 ng/ul	441532	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	96
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
5	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91





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Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
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Instrument : BNA_G
ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

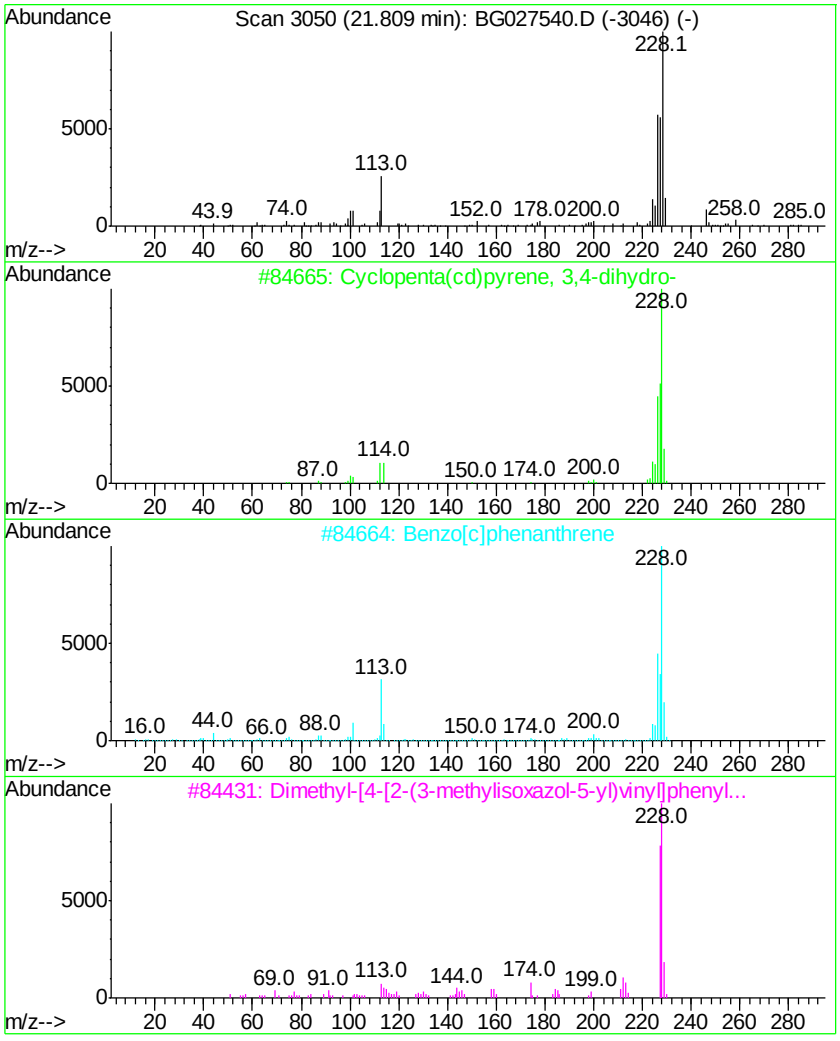
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

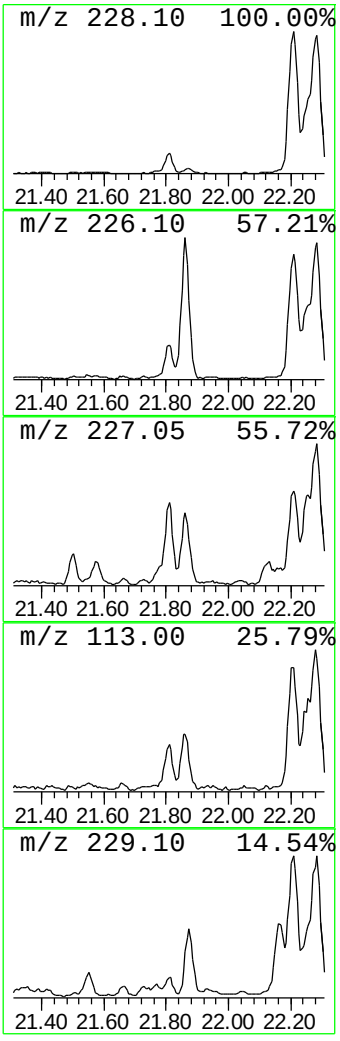
****

Peak Number 8 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.12 ng/ul	275086	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	49
3	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	47
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	38
5	1,4-Cyclohexanedicarboxylic acid...	228	C10H12O6	006289-46-9	38





Library Search Compound Report

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Sample : I3599-03
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ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

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

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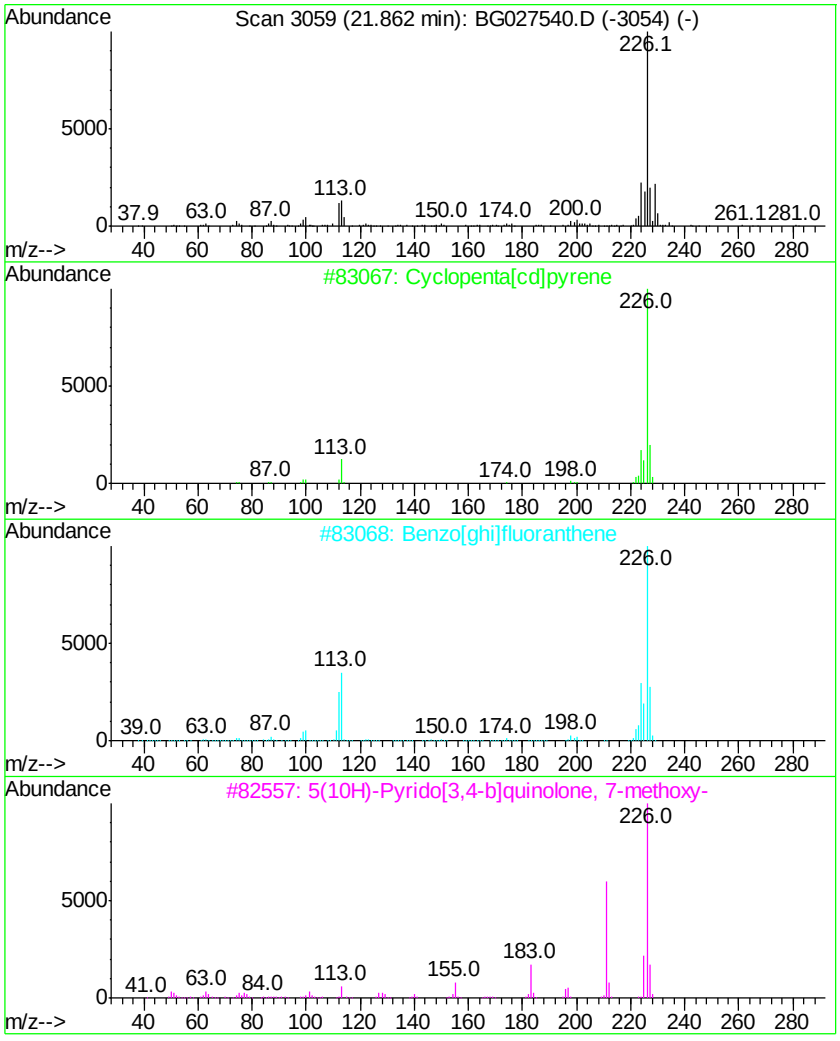
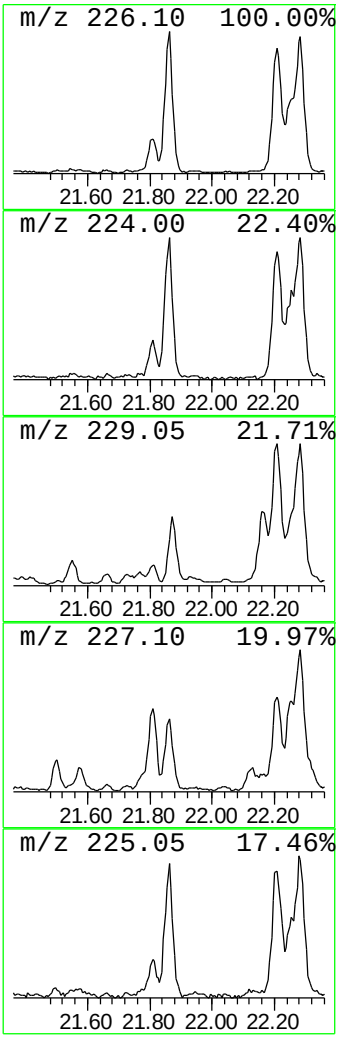
Peak Number 9 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.86	3.13 ng/ul	407611	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	60
3	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	50
4	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	50
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47





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Sample : I3599-03
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Instrument : BNA_G
ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

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

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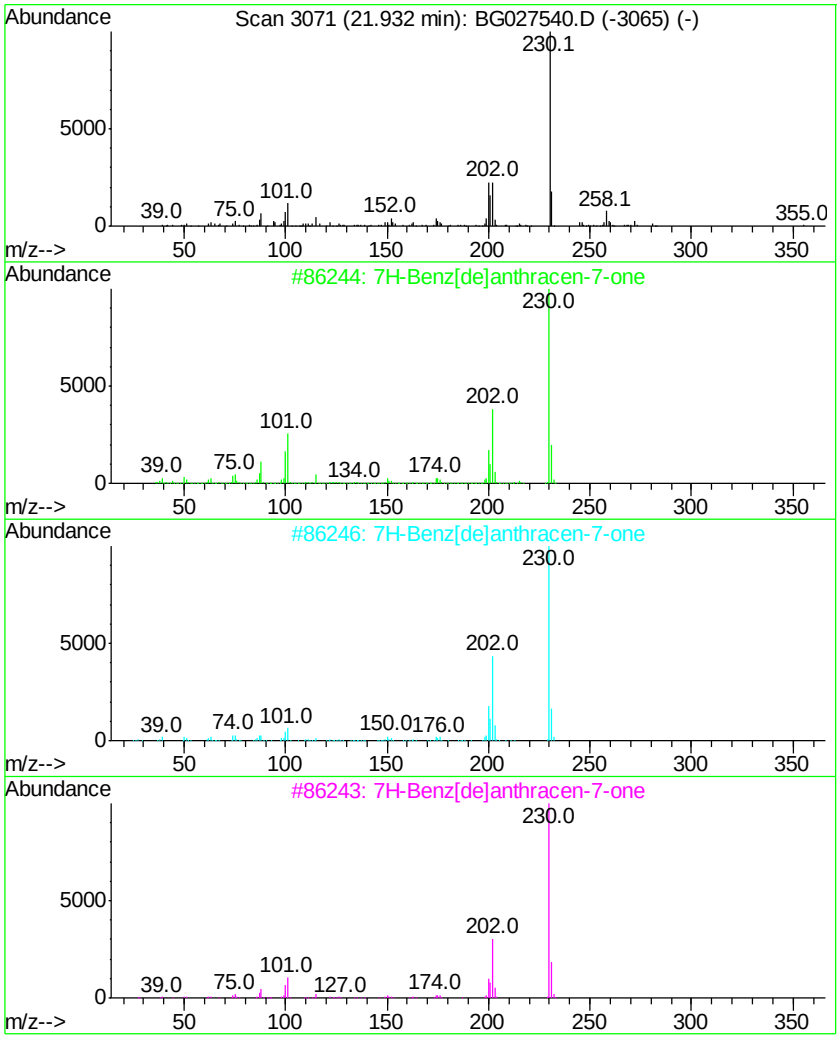
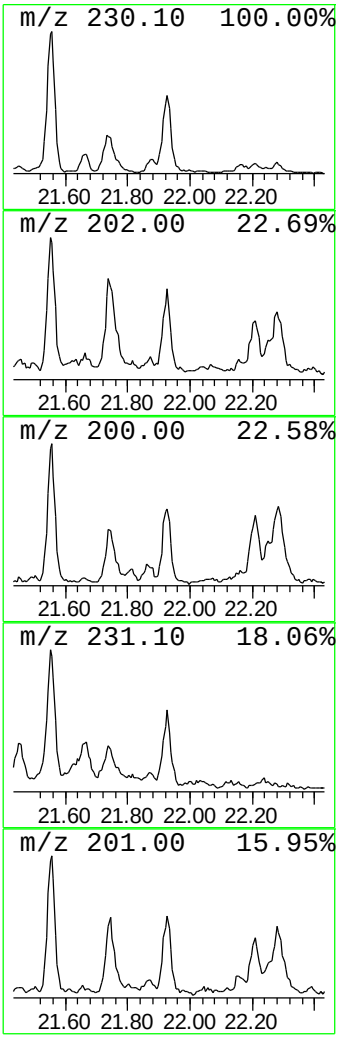
Peak Number 10 7H-Benz[de]anthracen-7-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.93	2.57 ng/ul	334302	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	87
4	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	81
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	59





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ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

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

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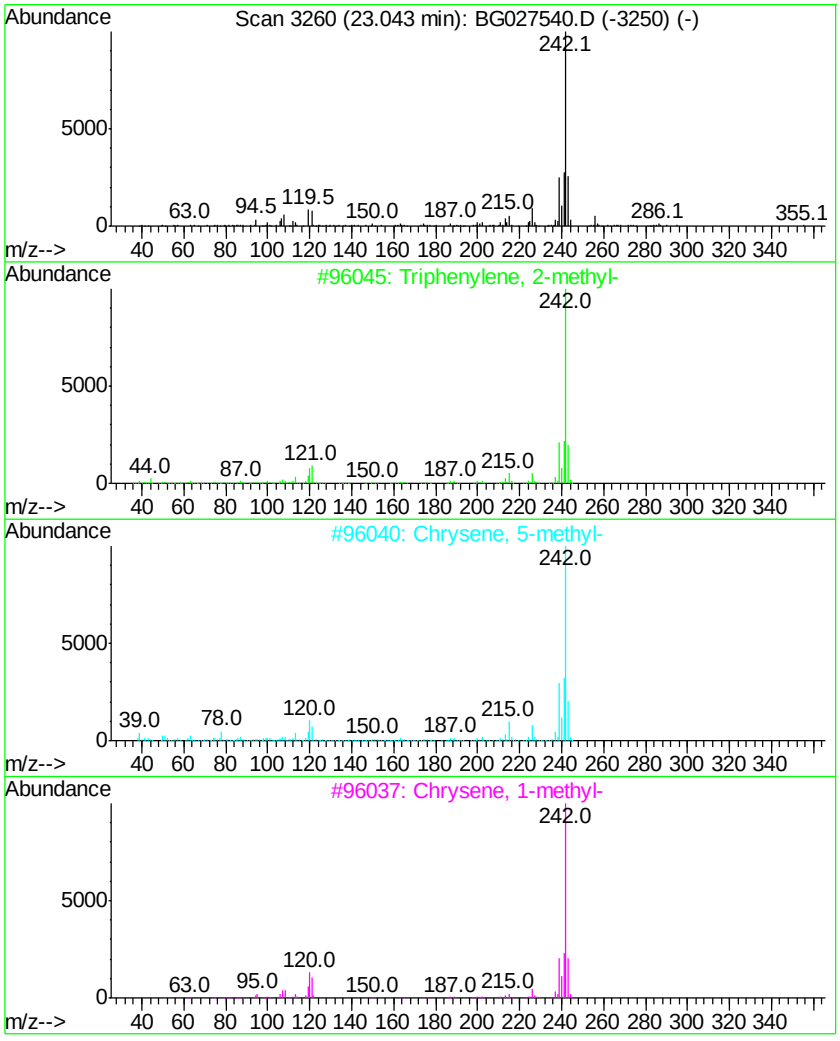
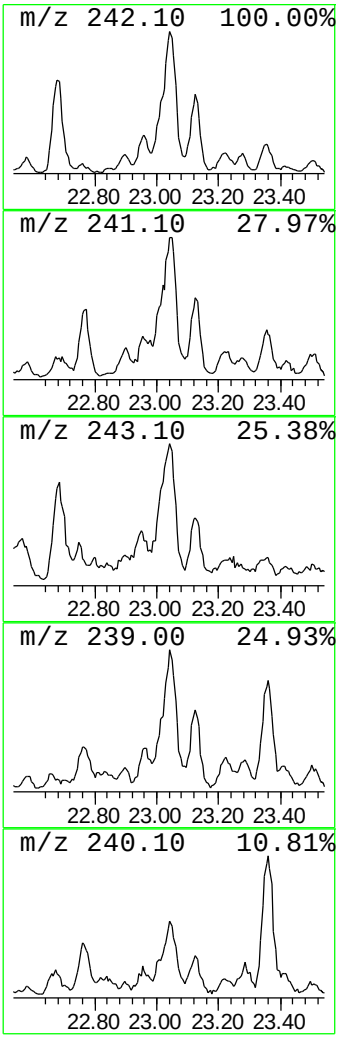
Peak Number 11 Triphenylene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	3.07 ng/ul	398778	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
2	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
5	2-Methylchrysene	242	C19H14	003351-32-4	89





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Quant Title : SVOA CALIBRATION

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

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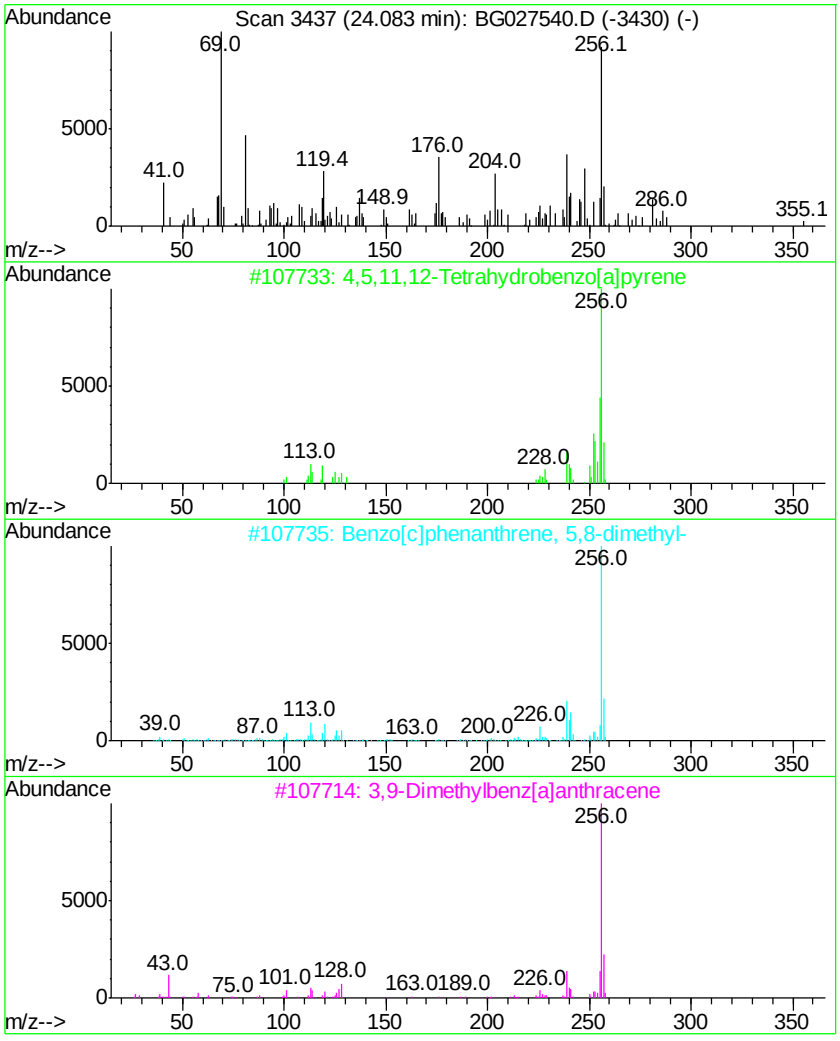
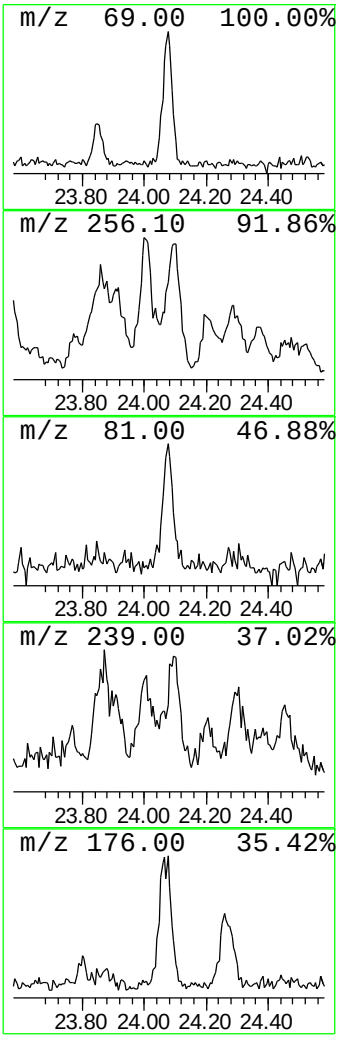
Peak Number 12 unknown-01 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.68 ng/ul	169098	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,5,11,12-Tetrahydrobenzo[a]pyrene	256	C20H16	109292-58-2	49
2	Benzo[c]phenanthrene, 5,8-dimethyl-	256	C20H16	054986-63-9	30
3	3,9-Dimethylbenz[a]anthracene	256	C20H16	000316-51-8	30
4	Benz(a)anthracene, 6,8-dimethyl-	256	C20H16	000317-64-6	30
5	Benz(a)anthracene, 4,7-dimethyl-	256	C20H16	035187-18-9	30





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Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

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

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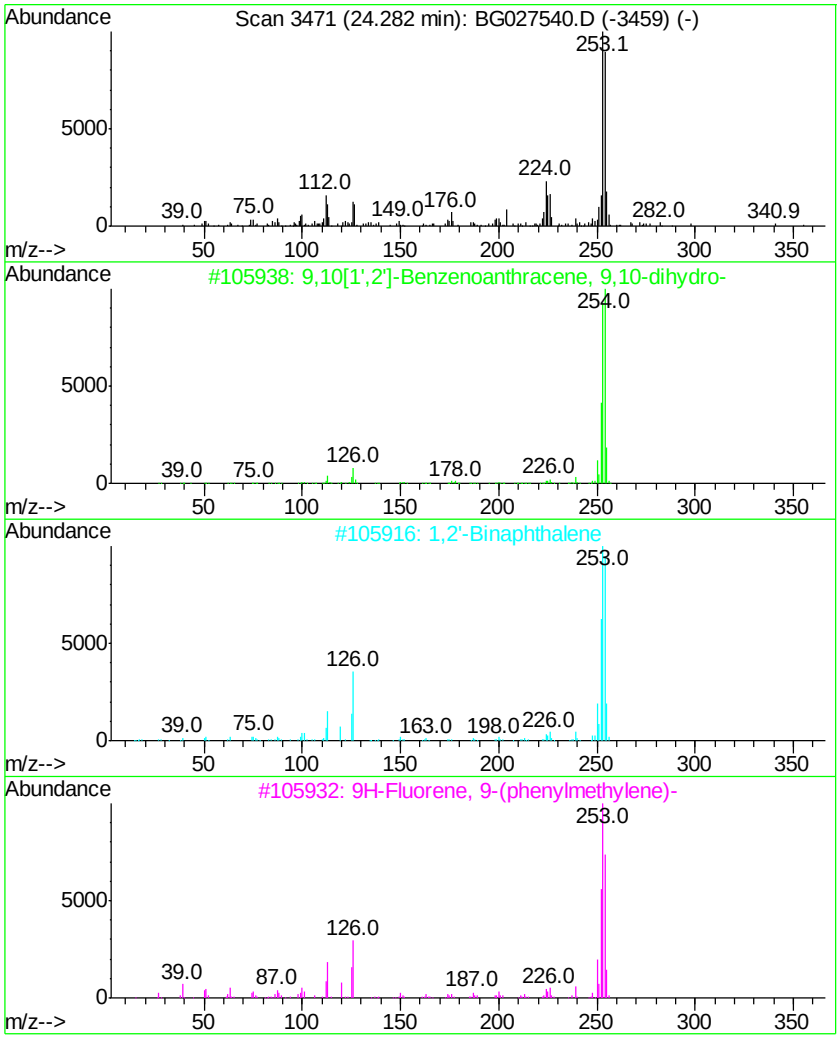
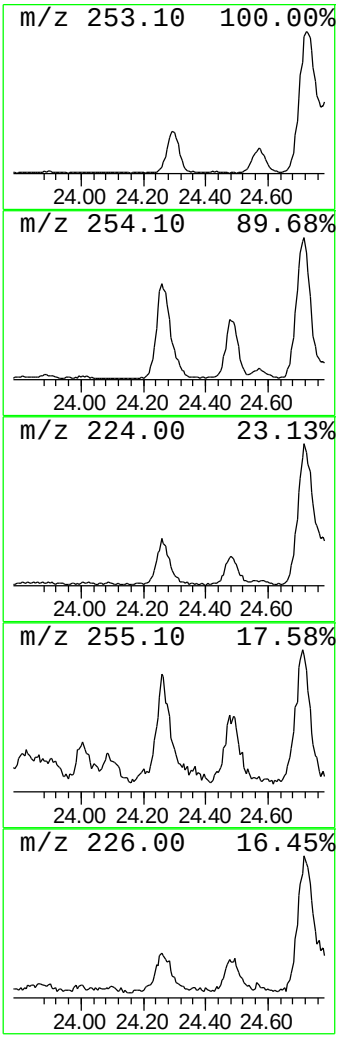
Peak Number 13 9,10[1',2']-Benzenoanthrace... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.28	6.71 ng/ul	423611	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	87
2	1,2'-Binaphthalene	254	C20H14	004325-74-0	81
3	9H-Fluorene, 9-(phenylmethylene)-	254	C20H14	001836-87-9	80
4	9,10[1',2']-Benzenoanthracene, 9...	254	C20H14	000477-75-8	72
5	1,1'-Binaphthalene	254	C20H14	000604-53-5	72





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Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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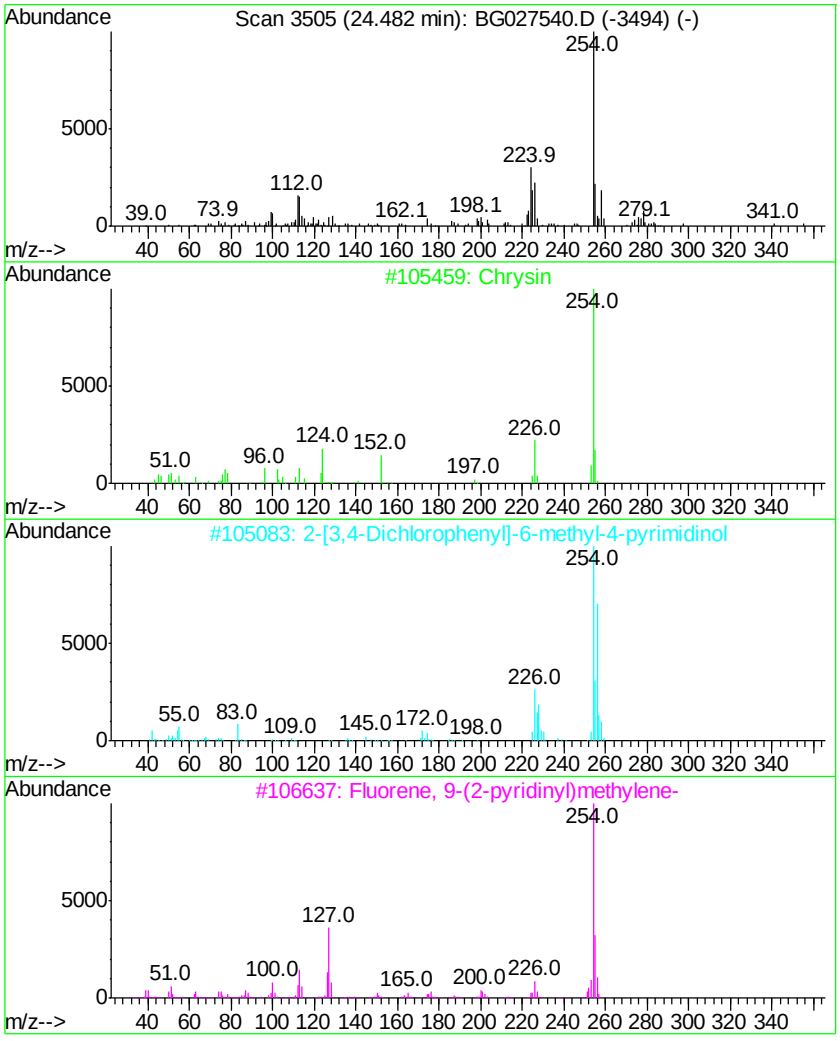
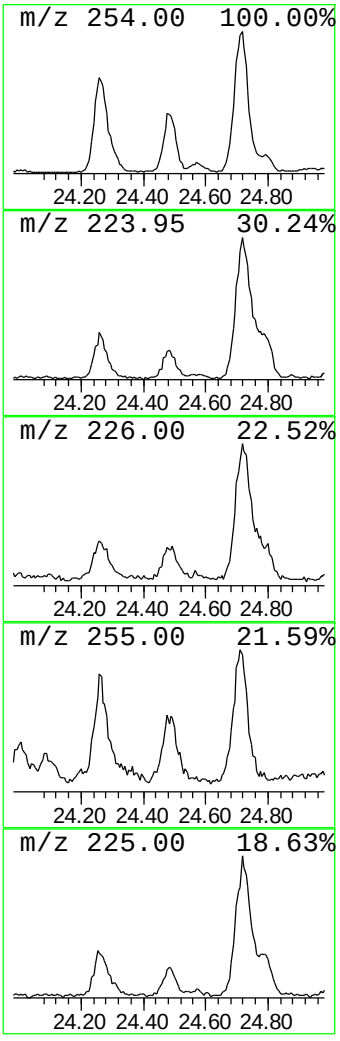
Peak Number 14 Chrysin Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.48	2.52 ng/ul	159319	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysin	254	C15H10O4	000480-40-0	52
2	2-[3,4-Dichlorophenyl]-6-methyl-...	254	C11H8Cl2N2O	1000253-43-7	50
3	Fluorene, 9-(2-pyridinyl)methylene-	255	C19H13N	002871-27-4	49
4	Anthracene, 9-phenyl-	254	C20H14	000602-55-1	47
5	Chrysin	254	C15H10O4	000480-40-0	47





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Instrument : BNA_G
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Quant Title : SVOA CALIBRATION

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

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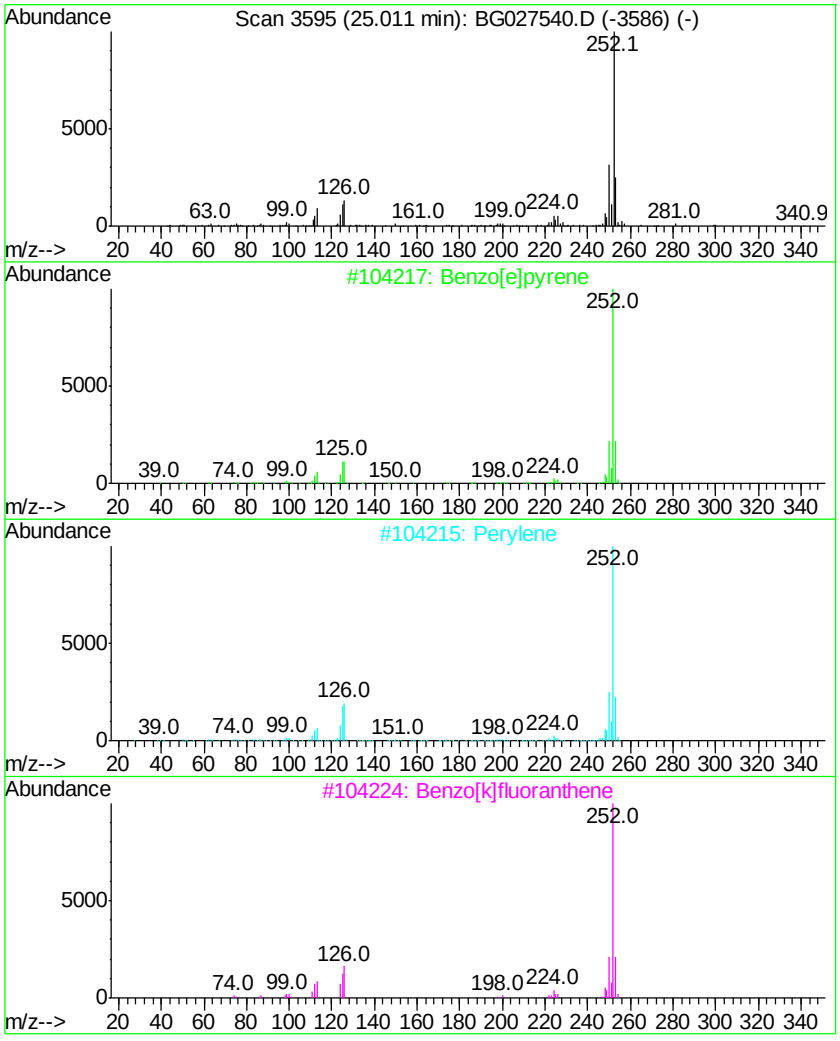
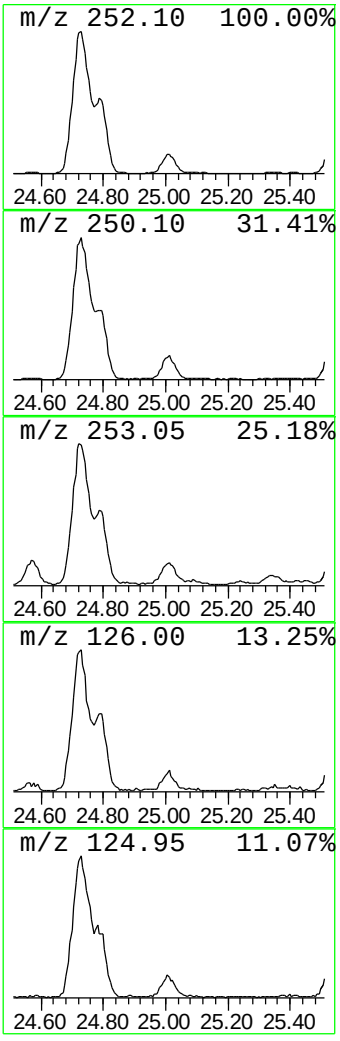
Peak Number 15 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.01	4.81 ng/ul	303793	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	96
2	Perylene	252	C20H12	000198-55-0	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Perylene	252	C20H12	000198-55-0	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	91





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Quant Title : SVOA CALIBRATION

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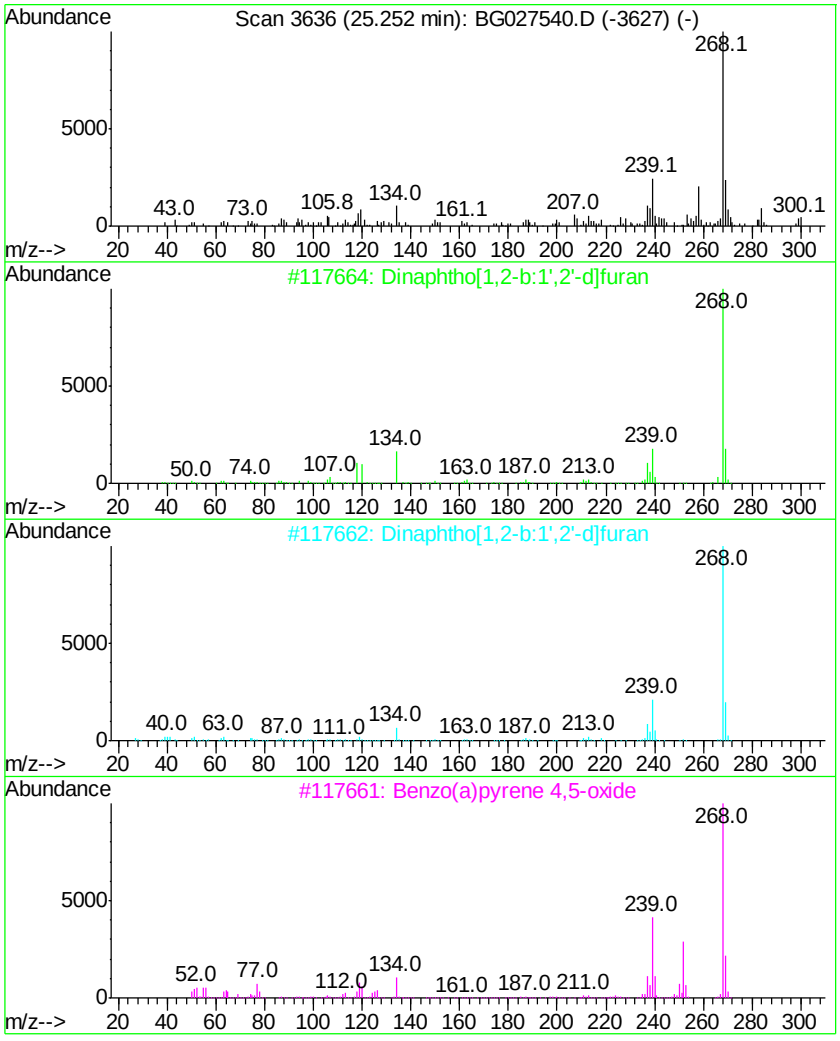
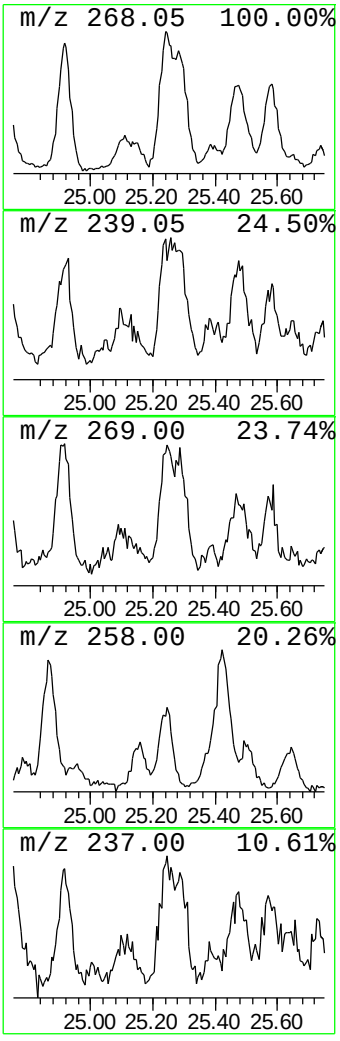
Peak Number 16 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.25	4.48 ng/ul	282607	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	96
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	62
3	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	62
4	Benzo(a)pyren-7-ol	268	C20H12O	037994-82-4	62
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58





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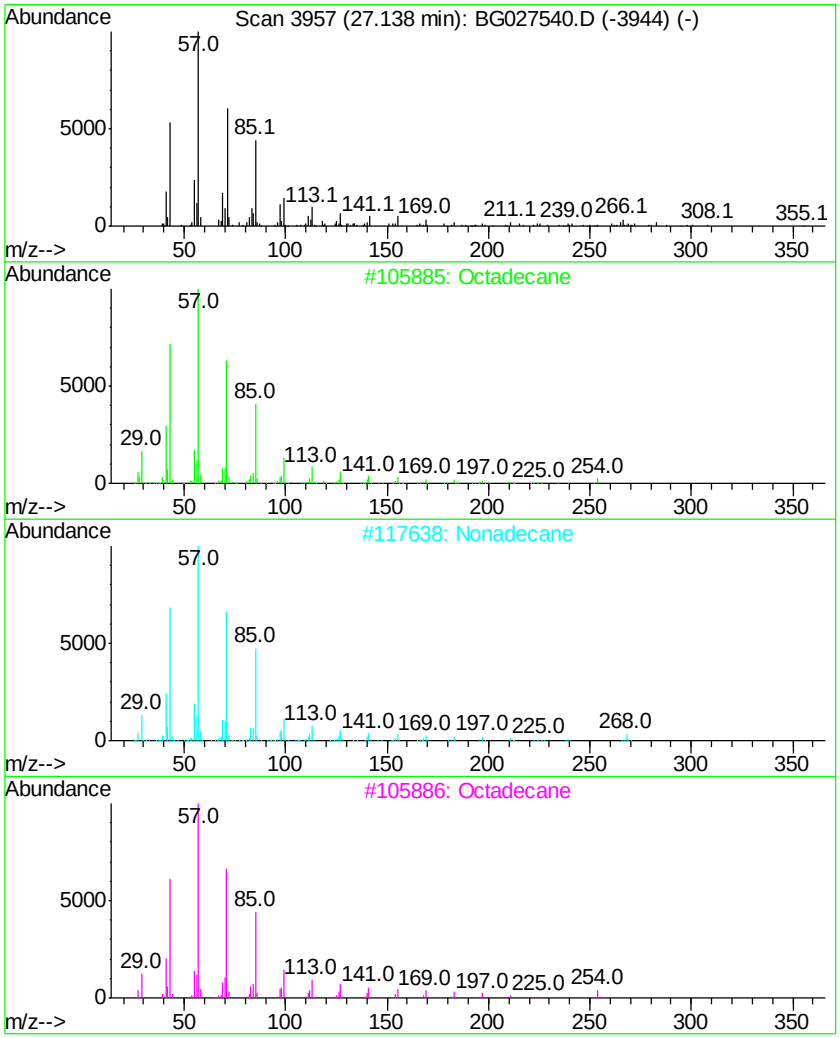
Quant Title : SVOA CALIBRATION

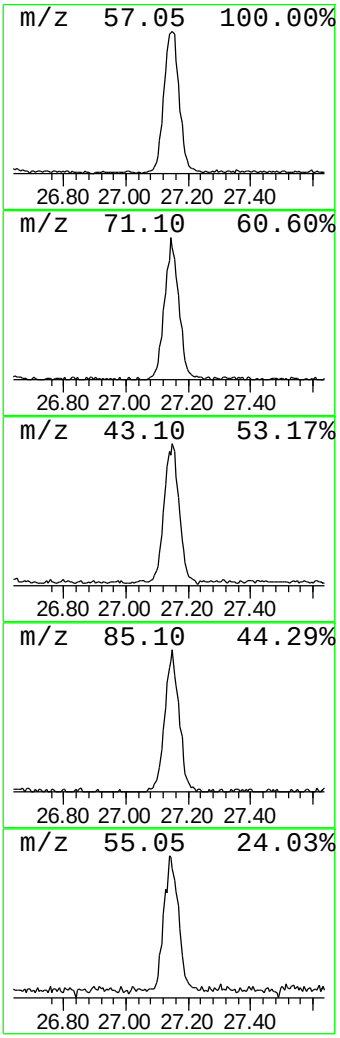
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 (DEL) Alkane: Straight-Chai... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.14	5.58 ng/ul	352502	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecane	254	C18H38	000593-45-3	95
2	Nonadecane	268	C19H40	000629-92-5	93
3	Octadecane	254	C18H38	000593-45-3	93
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Hexacosane	366	C26H54	000630-01-3	90





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Quant Title : SVOA CALIBRATION

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

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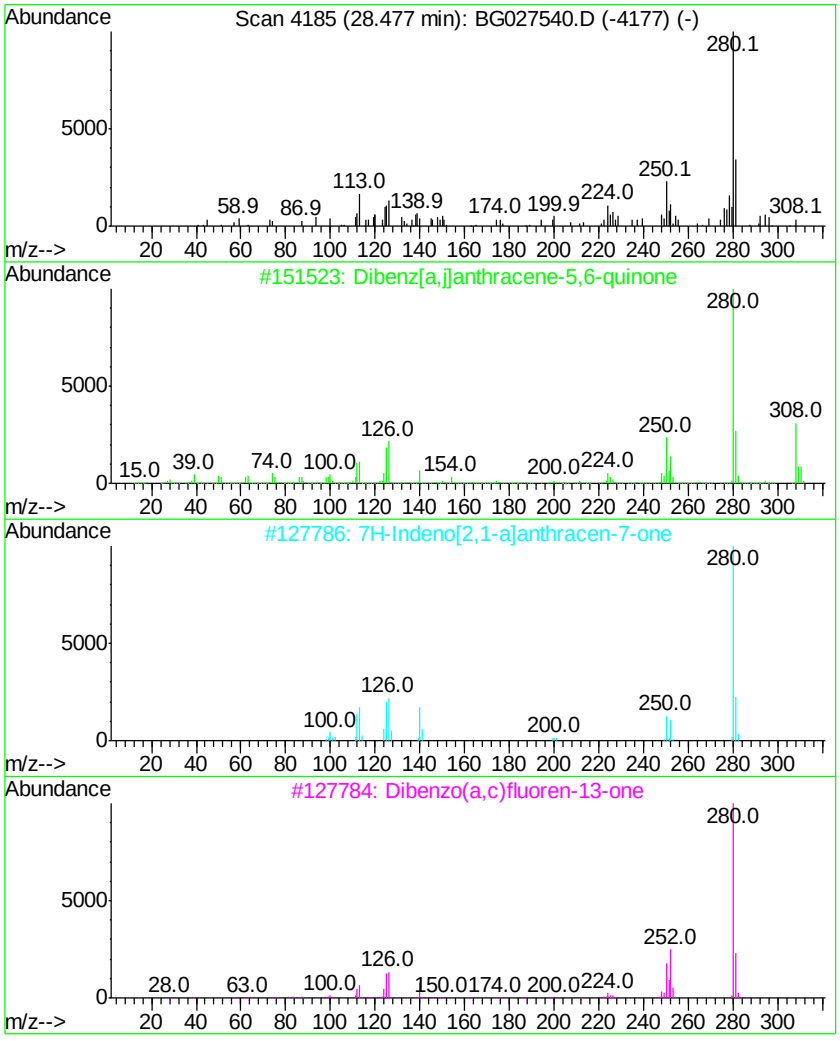
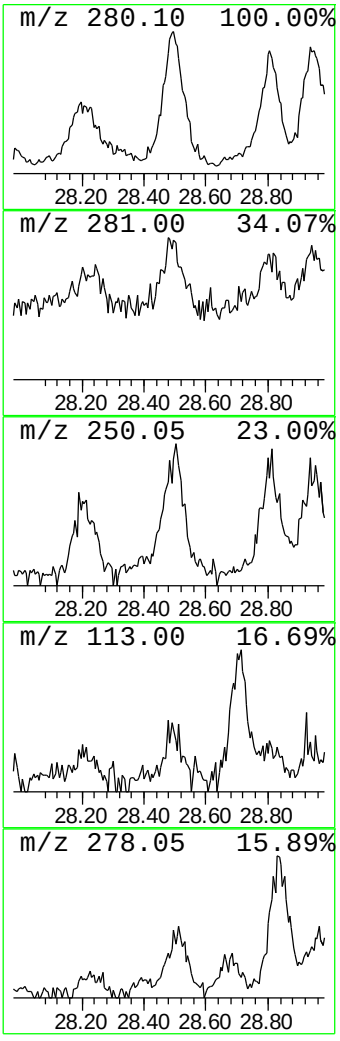
Peak Number 20 Dibenz[a,j]anthracene-5,6-q... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.48	3.18 ng/ul	200603	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenz[a,j]anthracene-5,6-quinone	308	C22H12O2	052755-66-5	74
2	7H-Indeno[2,1-a]anthracen-7-one	280	C21H12O	027582-45-2	59
3	Dibenzo(a,c)fluoren-13-one	280	C21H12O	063041-47-4	58
4	Benzoxazole, 2-[2-(4-piperidyl)p...	280	C16H16N4O	1000294-14-8	55
5	Dibenzo[a,c]phenazine	280	C20H12N2	000215-64-5	49





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ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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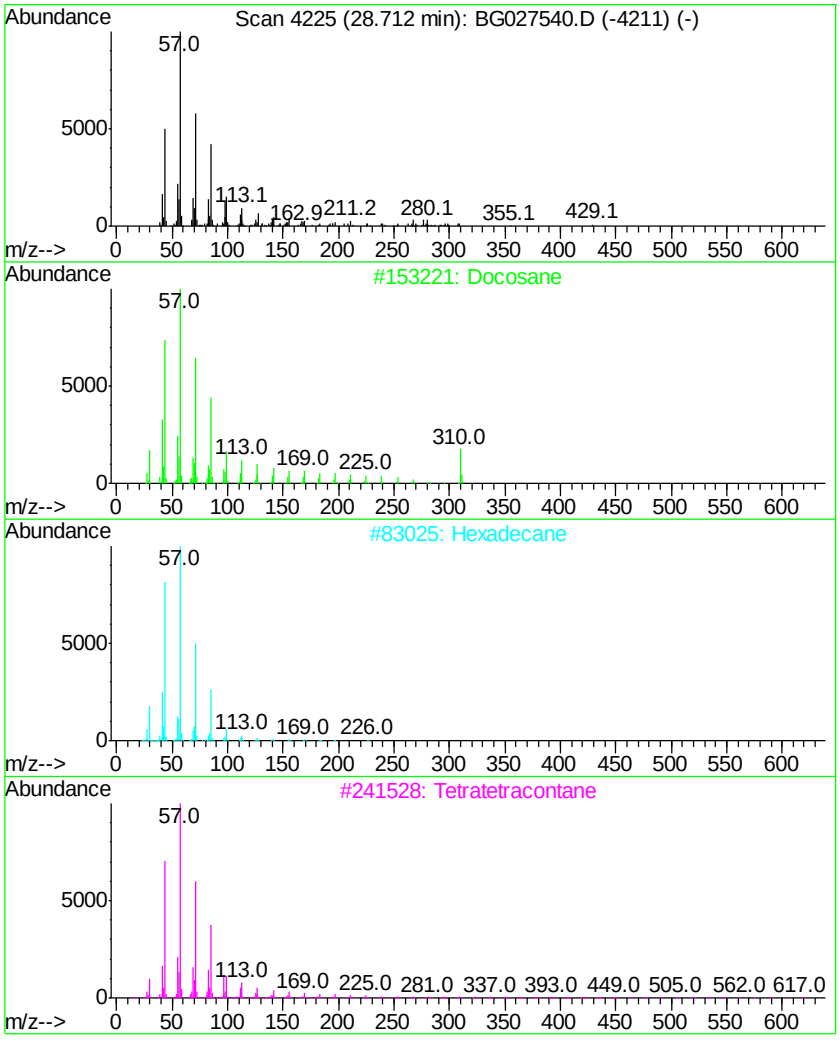
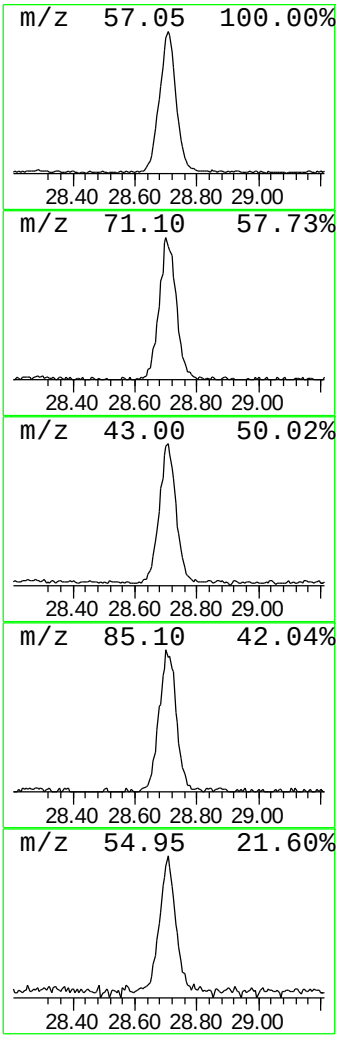
****
Peak Number 21 (DEL) Alkane: Straight-Chai... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.71	6.74 ng/ul	425575	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane	310	C22H46	000629-97-0	95
2	Hexadecane	226	C16H34	000544-76-3	94
3	Tetratetracontane	619	C44H90	007098-22-8	90
4	Hentriacontane	437	C31H64	000630-04-6	90
5	Octacosane	394	C28H58	000630-02-4	90





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Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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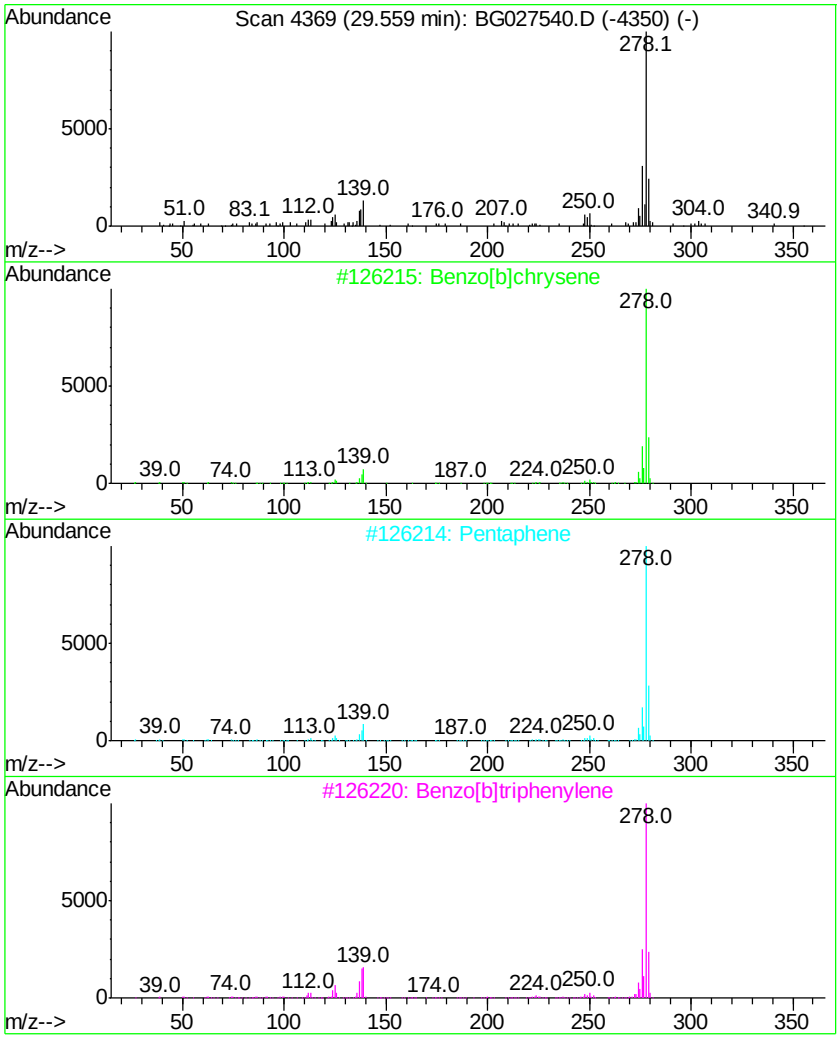
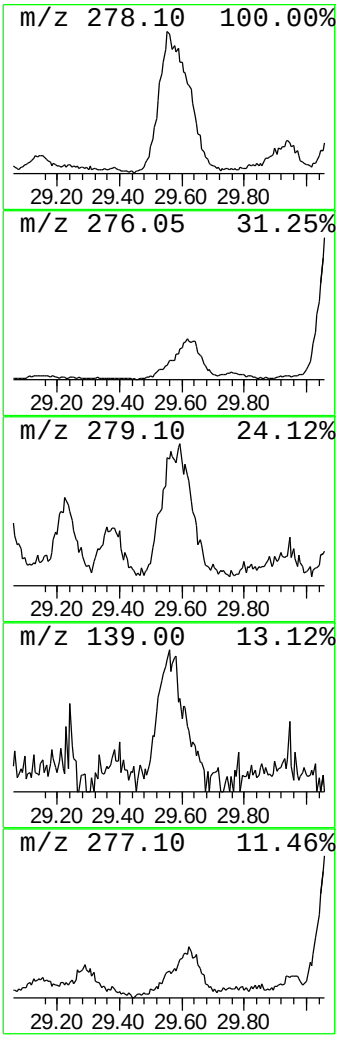
Peak Number 22 Benzo[b]chrysene Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.56	2.21 ng/ul	139268	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]chrysene	278	C22H14	000214-17-5	90
2	Pentaphene	278	C22H14	000222-93-5	89
3	Benzo[b]triphenylene	278	C22H14	000215-58-7	89
4	Benzo[b]triphenylene	278	C22H14	000215-58-7	86
5	Picene	278	C22H14	000213-46-7	81





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Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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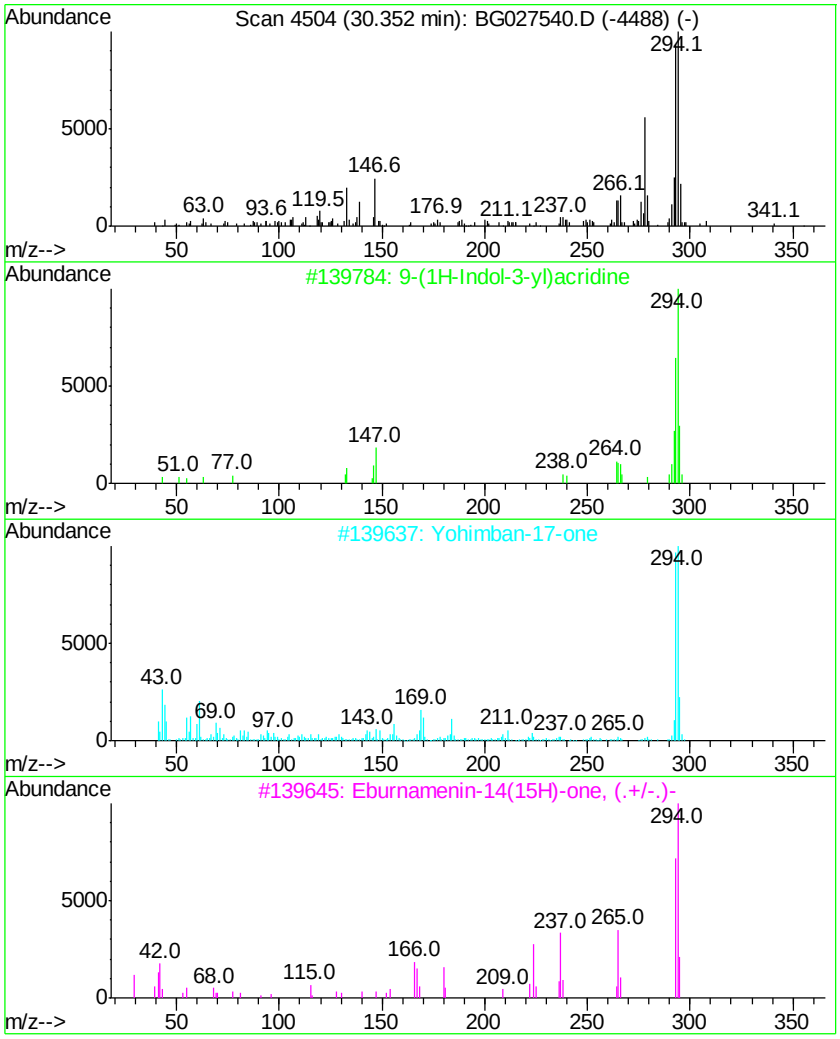
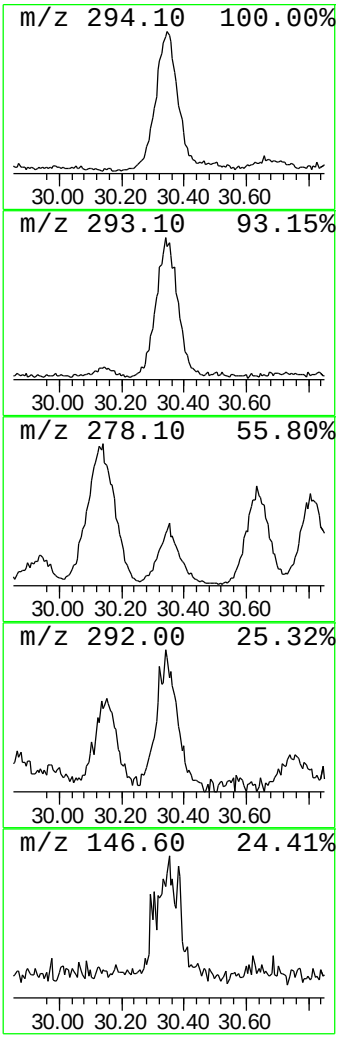
Peak Number 23 9-(1H-Indol-3-yl)acridine Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.35	6.16 ng/ul	389008	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-(1H-Indol-3-yl)acridine	294	C21H14N2	1000326-84-0	78
2	Yohimban-17-one	294	C19H22N2O	000523-14-8	58
3	Eburnamenin-14(15H)-one, (.+/-.)-	294	C19H22N2O	002580-88-3	50
4	N-Methylyohimbane	294	C20H26N2	1000128-76-0	47
5	Ortho-diphenylphosphinylphenol	294	C18H15O2P	016522-52-4	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.M
Quant Title : SVOA CALIBRATION

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

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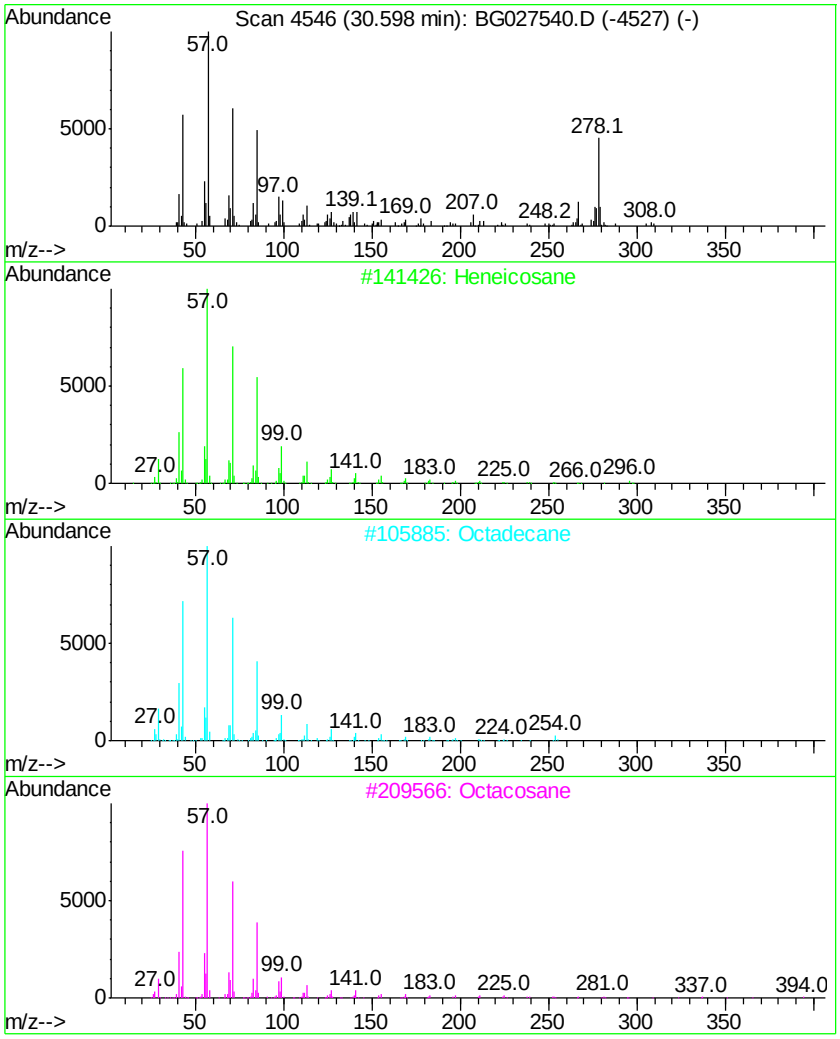
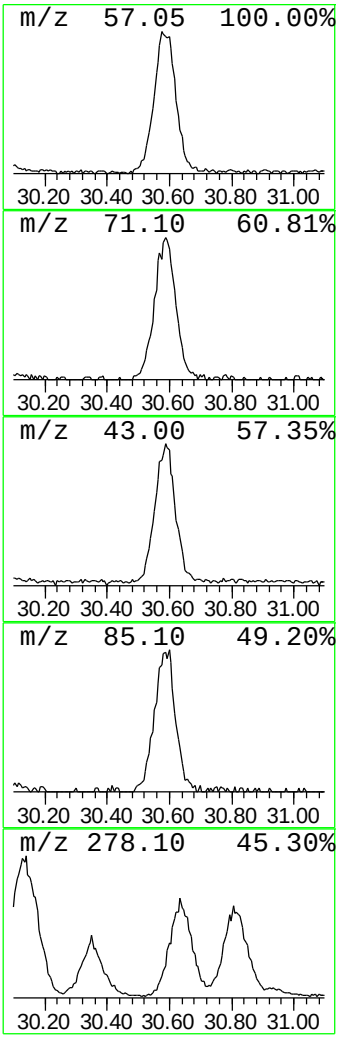
Peak Number 24 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.60	8.70 ng/ul	549568	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	55
2	Octadecane	254	C18H38	000593-45-3	55
3	Octacosane	394	C28H58	000630-02-4	55
4	Hexacosane	366	C26H54	000630-01-3	55
5	Hexadecane	226	C16H34	000544-76-3	55





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061917\
Data File : BG027540.D
Acq On : 19 Jun 2017 22:17
Operator : SJ/MA
Sample : I3599-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D37

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG061617.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
Phenanthrene, 3,6...	19.62	2.2	ng/ul	86928	4	17.85	785556	20.0
Cyclopenta(def)ph...	19.76	4.2	ng/ul	164817	4	17.85	785556	20.0
Pyrene, 1-methyl-	20.56	2.7	ng/ul	356760	5	22.23	2600490	20.0
11H-Benzo[a]fluor...	21.56	3.4	ng/ul	439335	5	22.23	2600490	20.0
Benzo[b]naphtho[2...	21.76	3.4	ng/ul	441532	5	22.23	2600490	20.0
Cyclopenta(cd)pyr...	21.81	2.1	ng/ul	275086	5	22.23	2600490	20.0
Cyclopenta[cd]pyrene	21.86	3.1	ng/ul	407611	5	22.23	2600490	20.0
7H-Benz[de]anthra...	21.93	2.6	ng/ul	334302	5	22.23	2600490	20.0
Triphenylene, 2-m...	23.04	3.1	ng/ul	398778	5	22.23	2600490	20.0
unknown-01	24.08	2.7	ng/ul	169098	6	25.89	1262950	20.0
9,10[1',2']-Benze...	24.28	6.7	ng/ul	423611	6	25.89	1262950	20.0
Chrysin	24.48	2.5	ng/ul	159319	6	25.89	1262950	20.0
Benzo[e]pyrene	25.01	4.8	ng/ul	303793	6	25.89	1262950	20.0
Dinaphtho[1,2-b:1...	25.25	4.5	ng/ul	282607	6	25.89	1262950	20.0
(DEL) Alkane: Str...	27.14	5.6	ng/ul	352502	6	25.89	1262950	20.0
Dibenz[a,j]anthra...	28.48	3.2	ng/ul	200603	6	25.89	1262950	20.0
(DEL) Alkane: Str...	28.71	6.7	ng/ul	425575	6	25.89	1262950	20.0
Benzo[b]chrysene	29.56	2.2	ng/ul	139268	6	25.89	1262950	20.0
9-(1H-Indol-3-yl)...	30.35	6.2	ng/ul	389008	6	25.89	1262950	20.0
(DEL) Alkane: Str...	30.60	8.7	ng/ul	549568	6	25.89	1262950	20.0