LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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	4.301	60	70	83	rBV3	24552	52014	2.07%	0.150%
2	4.648	116	129	143	rBV	83704	211373	8.39%	0.611%
3	5.376	243	253	266	rBV	43528	93640	3.72%	0.271%
4	5.512	269	276	286	rBV	30542	55757	2.21%	0.161%
5	5.946	341	350	365	rBV	20956	43770	1.74%	0.127%
6	7.656	629	641	652	rVV2	150162	311116	12.36%	0.899%
7	7.832	659	671	682	rBV	120062	211716	8.41%	0.612%
8	8.050	698	708	720	rBV	136775	254649	10.11%	0.736%
9	8.520	778	788	798	rBV	158247	279783	11.11%	0.809%
10	9.195	893	903	909	rBV	193256	356857	14.17%	1.032%
11	9.254	909	913	923	rVB	37377	67589	2.68%	0.195%
12	9.683	974	986	994	rBV	136243	267583	10.63%	0.774%
13	10.406	1099	1109	1117	rBV	116080	221526	8.80%	0.640%
14	10.940	1191	1200	1211	rBV	194460	360016	14.30%	1.041%
15	11.334	1258	1267	1274	rVV	247935	488781	19.41%	1.413%
16	11.463	1282	1289	1304	rVB	152302	306552	12.17%	0.886%
17	13.073	1550	1563	1574	rBV	162366	344525	13.68%	0.996%
18	14.489	1796	1804	1809	rVV	378581	591682	23.50%	1.711%
19	14.536	1809	1812	1823	rVB	102074	144716	5.75%	0.418%
20	14.801	1848	1857	1872	rBV	401734	687436	27.30%	1.987%
21	15.106	1898	1909	1916	rBV2	428386	721290	28.65%	2.085%
22	15.271	1931	1937	1952	rVB	156048	281687	11.19%	0.814%
23	16.093	2066	2077	2083	rBV	549475	888470	35.29%	2.569%
24	16.193	2088	2094	2102	rVB	174481	277241	11.01%	0.802%
25	16.787	2186	2195	2209	rBV5	49456	117364	4.66%	0.339%
26	17.497	2311	2316	2322	rBV2	20635	43359	1.72%	0.125%
27	17.856	2368	2377	2381	rBV	544233	906896	36.02%	2.622%
28	17.897	2381	2384	2388	rVV	158693	234582	9.32%	0.678%
29	17.956	2388	2394	2414	rVB	591588	1088077	43.21%	3.146%
30	18.261	2437	2446	2460	rBV4	41809	170961	6.79%	0.494%
31	18.696	2514	2520	2528	rBV2	119320	289064	11.48%	0.836%
32	18.772	2528	2533	2538	rVB2	69677	111544	4.43%	0.322%
33	18.849	2541	2546	2551	rVB	28003	46544	1.85%	0.135%
34	18.913	2551	2557	2562	rBV4	56002	135398	5.38%	0.391%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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	19.207	2601	2607	2611	rBV	48038	81132	3.22%	0.235%
36	19.254	2611	2615	2623	rVB4	34943	63853	2.54%	0.185%
37	19.448	2641	2648	2652	rBV4	26915	52376	2.08%	0.151%
38	19.495	2652	2656	2660	rVB2	35553	50239	2.00%	0.145%
39	19.536	2660	2663	2670	rVB	31141	47273	1.88%	0.137%
40	19.619	2670	2677	2682	rBV2	73264	157235	6.24%	0.455%
41	19.765	2696	2702	2708	rBV2	94304	167162	6.64%	0.483%
42	19.889	2710	2723	2729	rBV	1134215	1758116	69.83%	5.083%
43	19.948	2729	2733	2744	rVB5	71485	193481	7.68%	0.559%
44	20.094	2750	2758	2761	rBV5	30021	70214	2.79%	0.203%
45	20.136	2762	2765	2773	rVB3	43910	90615	3.60%	0.262%
46	20.224	2773	2780	2782	rBV2	810784	1372771	54.52%	3.969%
47	20.253	2782	2785	2791	rVB	1026497	1458855	57.94%	4.218%
48	20.312	2791	2795	2801	rVB	83424	131750	5.23%	0.381%
49	20.423	2801	2814	2818	rBV	84587	193055	7.67%	0.558%
50	20.494	2818	2826	2830	rVB3	33692	89799	3.57%	0.260%
51	20.570	2830	2839	2845	rBV5	132784	350836	13.93%	1.014%
52	20.717	2854	2864	2872	rBV3	119184	378512	15.03%	1.094%
53	20.899	2887	2895	2899	rBV2	131465	311445	12.37%	0.900%
54	20.935	2899	2901	2905	rVV2	39996	52767	2.10%	0.153%
55	20.976	2905	2908	2913	rVB3	32680	50959	2.02%	0.147%
56	21.046	2914	2920	2925	rBV	106808	200196	7.95%	0.579%
57	21.093	2925	2928	2936	rVB4	63246	114641	4.55%	0.331%
58	21.193	2942	2945	2962	rVB4	31437	120710	4.79%	0.349%
59	21.317	2962	2966	2970	rBV6	34155	61971	2.46%	0.179%
60	21.369	2971	2975	2980	rVB6	32566	61178	2.43%	0.177%
61	21.557	3000	3007	3016	rBV	232082	427691	16.99%	1.236%
62	21.663	3022	3025	3031	rVB2	30398	46854	1.86%	0.135%
63	21.763	3032	3042	3046	rBV3	170822	479579	19.05%	1.386%
64	21.810	3047	3050	3055	rVV	138306	262045	10.41%	0.758%
65	21.869	3055	3060	3064	rVV3	141286	303030	12.04%	0.876%
66	21.928	3064	3070	3083	rVB2	148992	369313	14.67%	1.068%
67	22.063	3084	3093	3102	rBV3	51249	166211	6.60%	0.481%
68	22.227	3106	3121	3127	rBV2	753280	2517885	100.00%	7.279%
69	22.286	3127	3131	3144	rVB	460822	979774	38.91%	2.833%
70	22.386	3145	3148	3155	rVB7	49070	98179	3.90%	0.284%
71	22.468	3155	3162	3168	rBV7	36366	100031	3.97%	0.289%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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	22.556	3169	3177	3180	rBV10	34826	104353	4.14%	0.302%
73	22.686	3192	3199	3205	rBV3	69570	154241	6.13%	0.446%
74	22.750	3205	3210	3216	rVV5	36733	74701	2.97%	0.216%
75	23.044	3250	3260	3268	rBV3	101521	287531	11.42%	0.831%
76	23.126	3269	3274	3282	rVB4	72614	166542	6.61%	0.481%
77	23.220	3286	3290	3306	rVB4	39818	121967	4.84%	0.353%
78	23.349	3306	3312	3332	rVB9	48605	199617	7.93%	0.577%
79	23.514	3333	3340	3355	rVB5	42621	121192	4.81%	0.350%
80	23.796	3377	3388	3393	rBV3	41587	128391	5.10%	0.371%
81	23.855	3393	3398	3415	rVB5	59052	190555	7.57%	0.551%
82	24.078	3429	3436	3447	rVB9	42566	138169	5.49%	0.399%
83	24.266	3459	3468	3489	rVB8	38787	199309	7.92%	0.576%
84	24.478	3497	3504	3512	rVB4	26694	78580	3.12%	0.227%
85	24.718	3532	3545	3566	rBV2	402042	2115614	84.02%	6.116%
86	25.006	3587	3594	3606	rBV2	44851	128436	5.10%	0.371%
87	25.241	3626	3634	3649	rBV8	32142	153975	6.12%	0.445%
88	25.541	3675	3685	3692	rBV2	165162	538238	21.38%	1.556%
89	25.635	3693	3701	3708	rVV3	315058	1013117	40.24%	2.929%
90	25.706	3708	3713	3729	rVV3	171192	563053	22.36%	1.628%
91	25.882	3729	3743	3754	rVV3	310629	1289567	51.22%	3.728%
92	25.970	3754	3758	3775	rVB4	64373	223635	8.88%	0.647%
93	26.769	3885	3894	3904	rBV8	34707	115969	4.61%	0.335%
94	27.145	3947	3958	3970	rBV5	82072	282336	11.21%	0.816%
95	28.702	4211	4223	4236	rBV4	79918	330776	13.14%	0.956%
96	29.589	4360	4374	4394	rVB9	23340	180968	7.19%	0.523%
97	30.071	4444	4456	4485	rVB3	78722	529786	21.04%	1.532%
98	30.353	4492	4504	4520	rVB3	25037	109713	4.36%	0.317%
99	30.629	4529	4551	4571	rBV9	94237	692251	27.49%	2.001%
100	31.387	4664	4680	4701	rVB3	44854	261908	10.40%	0.757%

Sum of corrected areas: 34589781

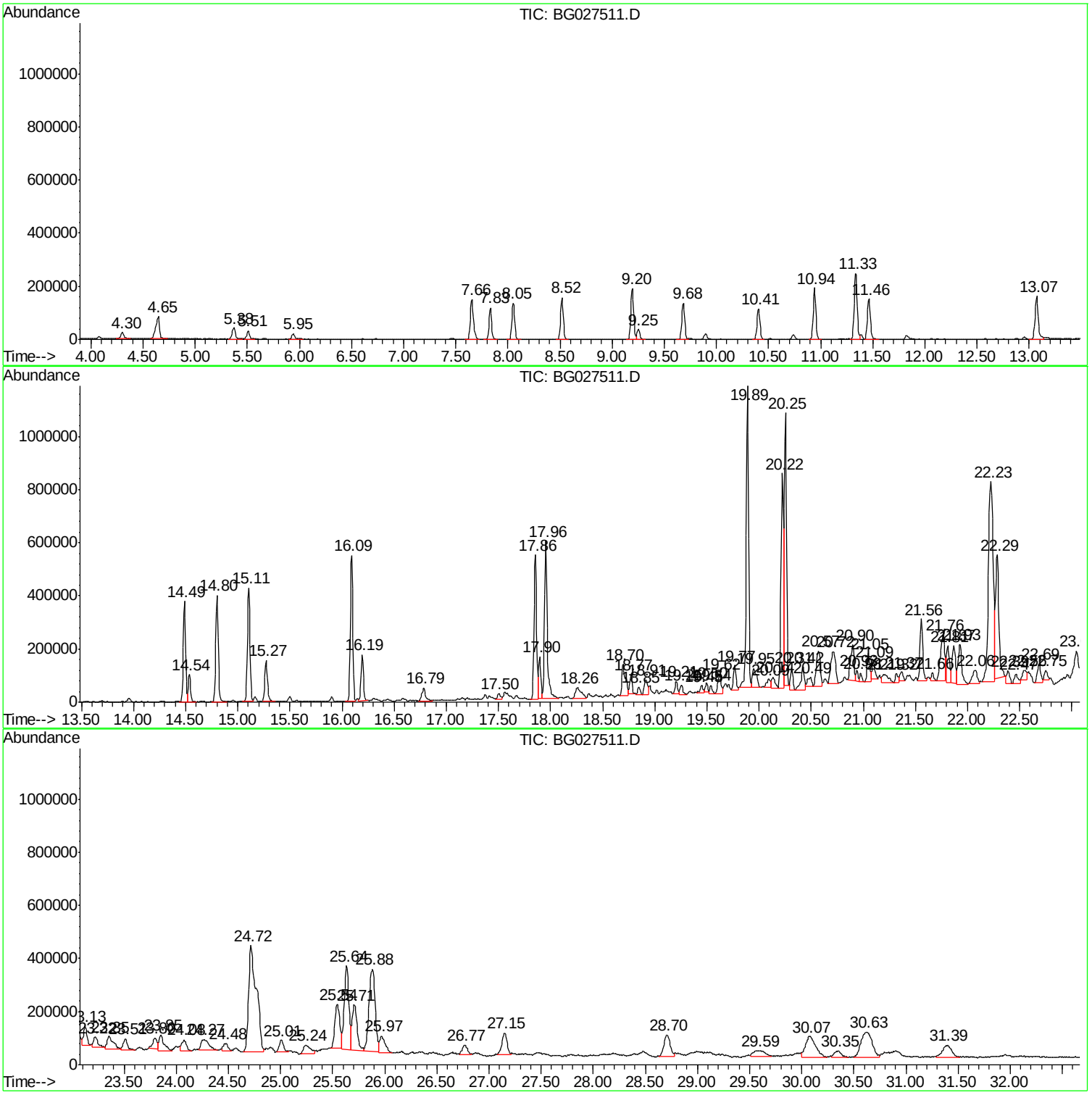
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

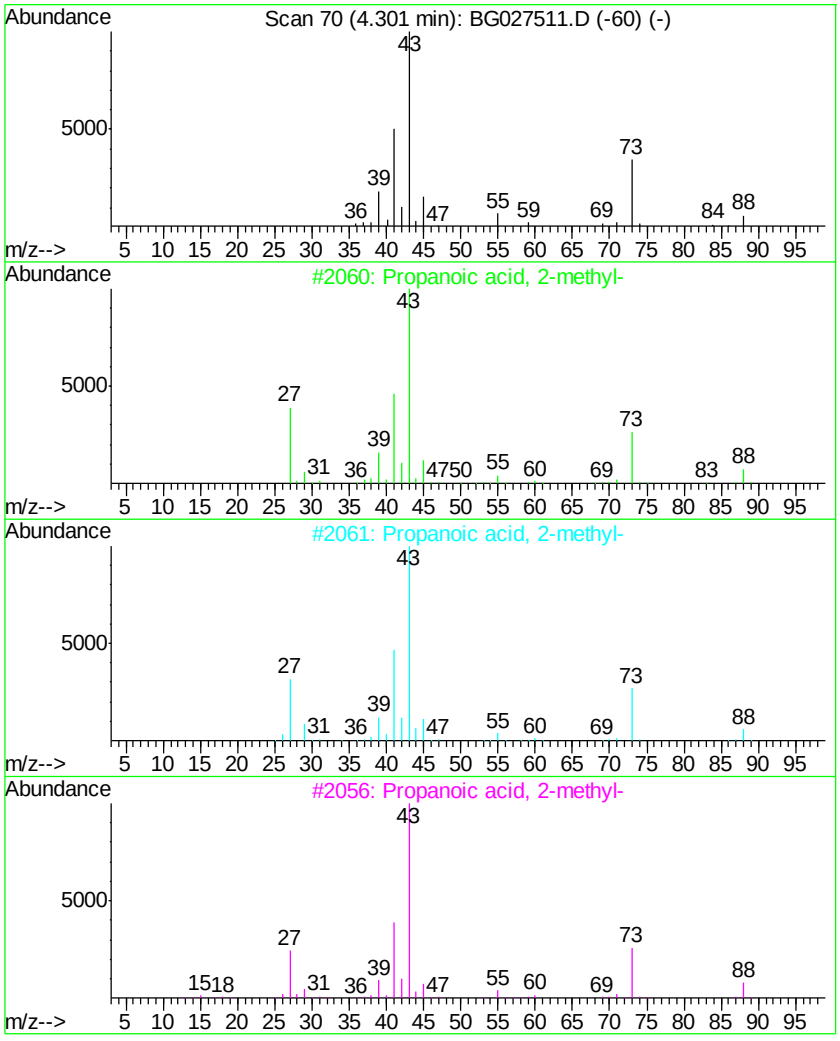
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

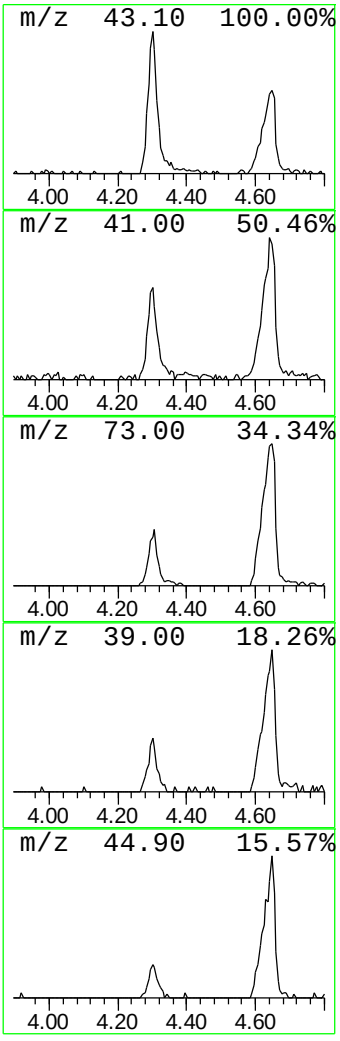
****

Peak Number 1 Propanoic acid, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.30	3.72 ng/ul	52014	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
2	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	90
3	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	64
4	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	64
5	Propanoic acid, 2-methyl-	88	C4H8O2	000079-31-2	59





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

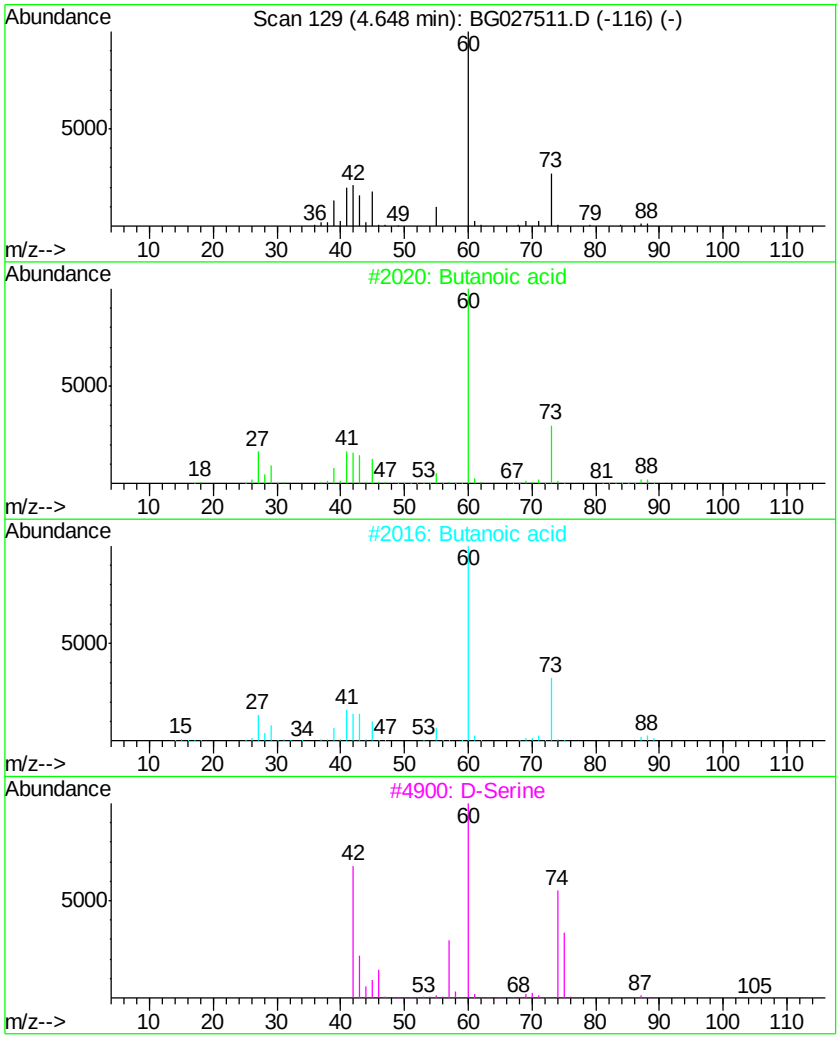
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

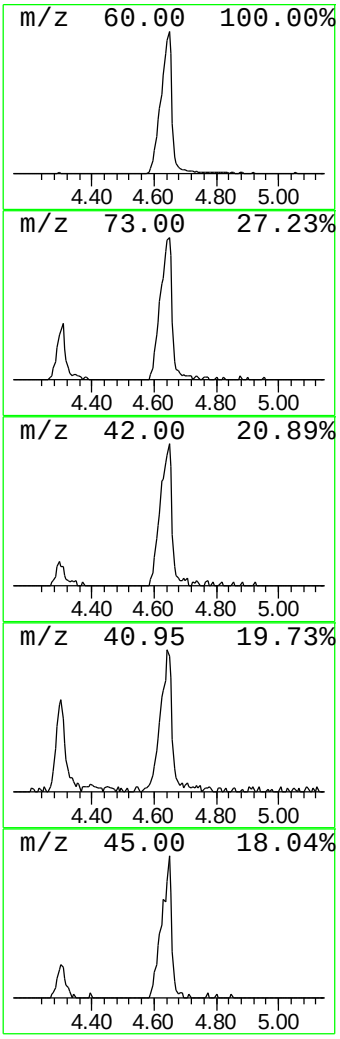
****

Peak Number 2 Butanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.65	15.11 ng/ul	211373	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid	88	C4H8O2	000107-92-6	72
2	Butanoic acid	88	C4H8O2	000107-92-6	40
3	D-Serine	105	C3H7NO3	000312-84-5	33
4	Pentanoic acid, 3-methyl-	116	C6H12O2	000105-43-1	9
5	Benserazide	257	C10H15N3O5	000322-35-0	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

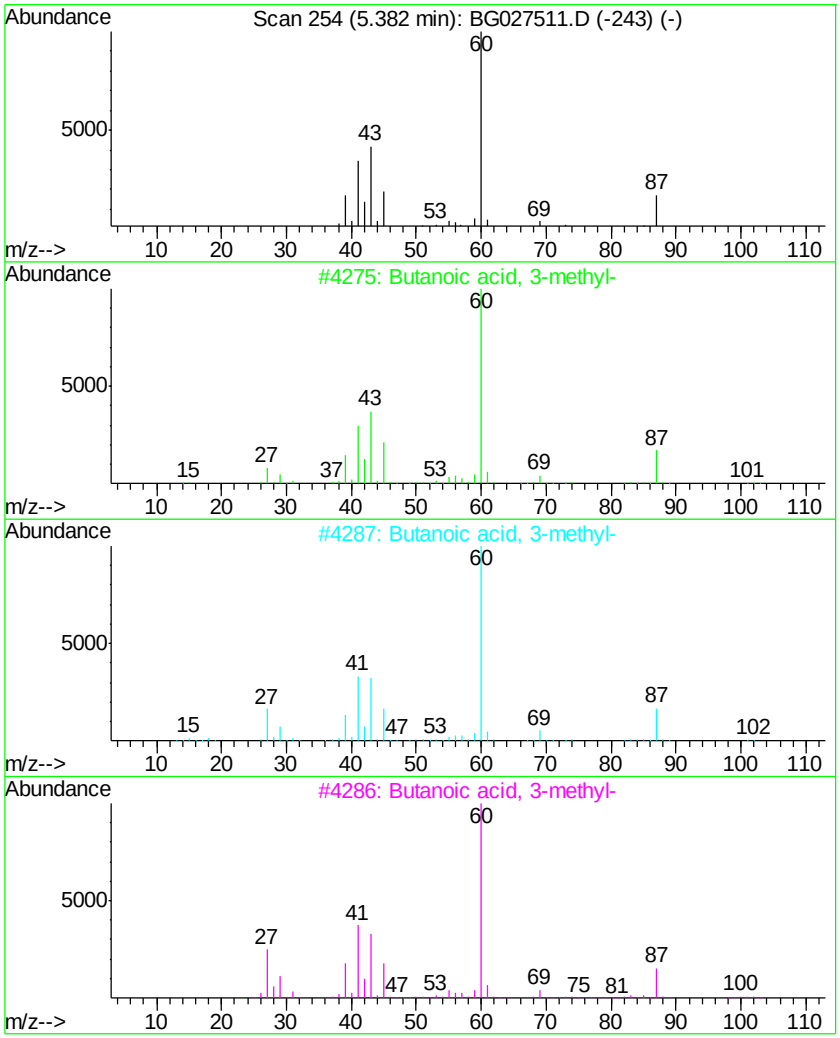
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

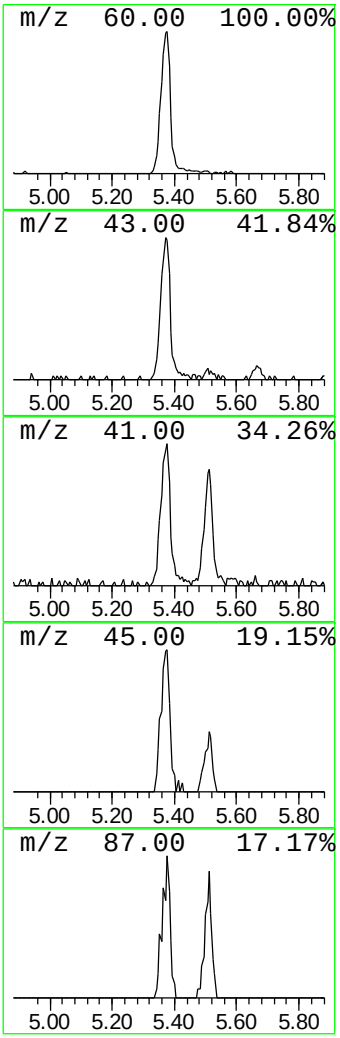
****

Peak Number 3 Butanoic acid, 3-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.38	6.69 ng/ul	93640	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	78
2	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	72
3	Butanoic acid, 3-methyl-	102	C5H10O2	000503-74-2	56
4	1-Pentanamine	87	C5H13N	000110-58-7	9
5	Pentanoic acid	102	C5H10O2	000109-52-4	9





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

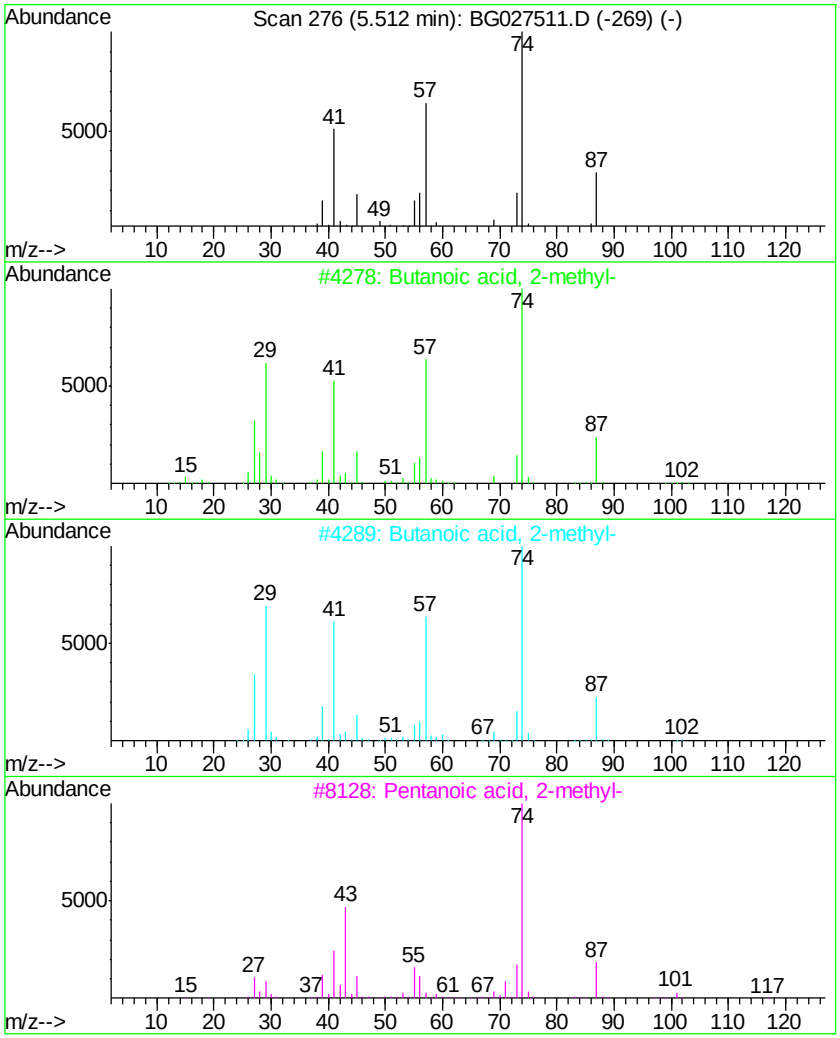
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

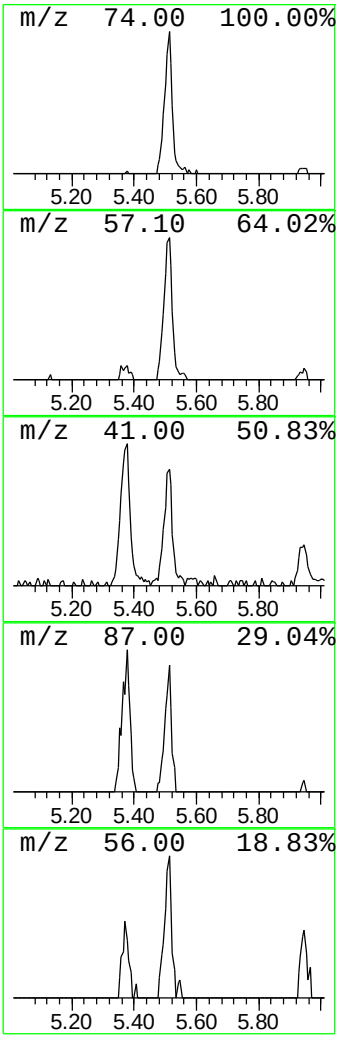
****

Peak Number 4 Butanoic acid, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.51	3.99 ng/ul	55757	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
2	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	78
3	Pentanoic acid, 2-methyl-	116	C6H12O2	000097-61-0	64
4	Butanoic acid, 2-methyl-	102	C5H10O2	000116-53-0	50
5	Hexanoic acid, 2-methyl-	130	C7H14O2	004536-23-6	39





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

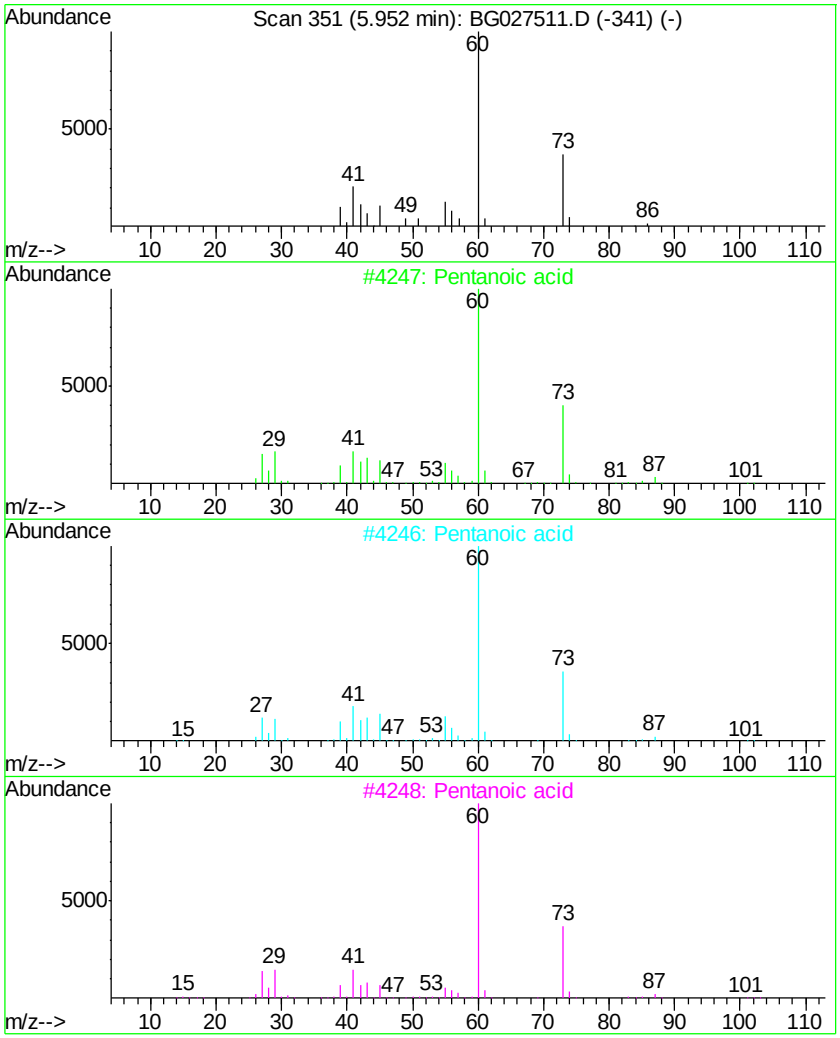
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

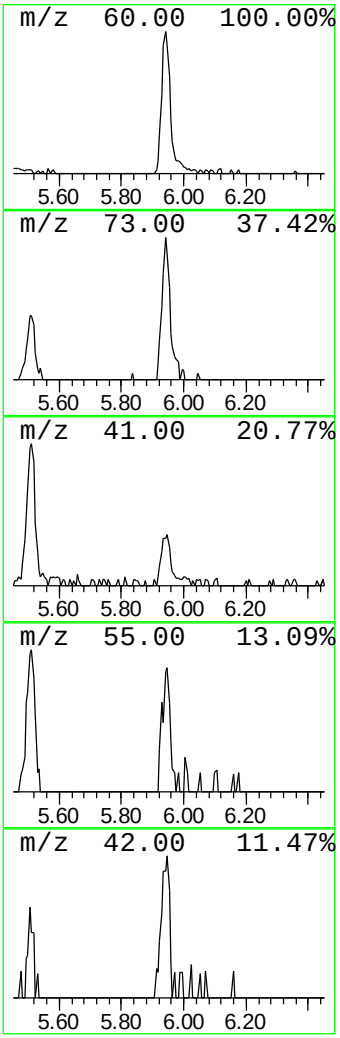
****

Peak Number 5 Pentanoic acid Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.95	3.13 ng/ul	43770	1,4-Dichlorobenzene-d4	8.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentanoic acid	102	C5H10O2	000109-52-4	83
2	Pentanoic acid	102	C5H10O2	000109-52-4	83
3	Pentanoic acid	102	C5H10O2	000109-52-4	64
4	Propanedioic acid, propyl-	146	C6H10O4	000616-62-6	50
5	Hexanoic acid	116	C6H12O2	000142-62-1	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

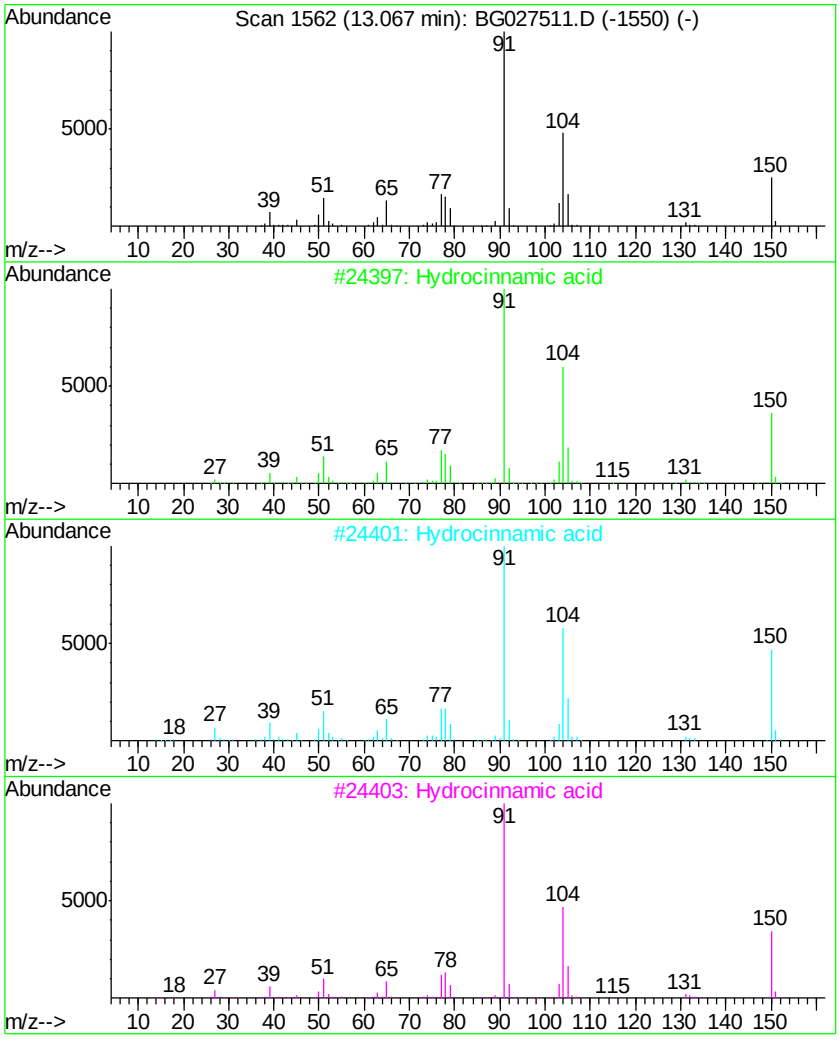
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

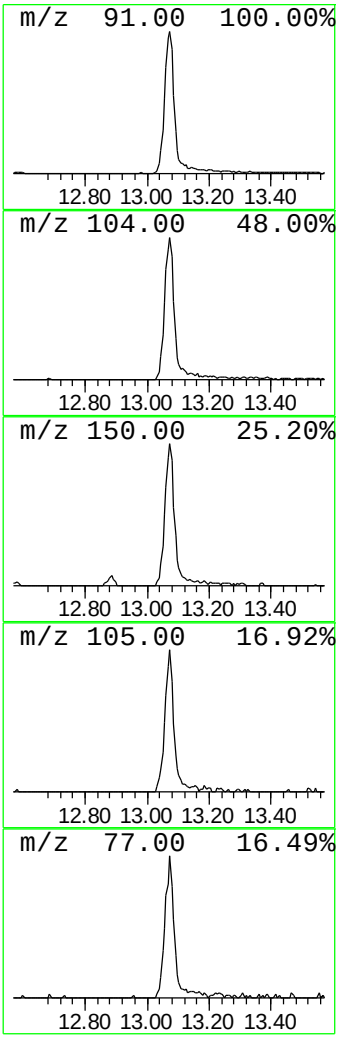
****

Peak Number 6 Hydrocinnamic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.07	14.10 ng/ul	344525	Naphthalene-d8	11.33

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrocinnamic acid	150	C9H10O2	000501-52-0	95
2	Hydrocinnamic acid	150	C9H10O2	000501-52-0	94
3	Hydrocinnamic acid	150	C9H10O2	000501-52-0	93
4	4-Nitrosophenyl-.beta.-phenylpro...	255	C15H13NO3	1000129-40-0	91
5	Hydrocinnamic acid	150	C9H10O2	000501-52-0	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

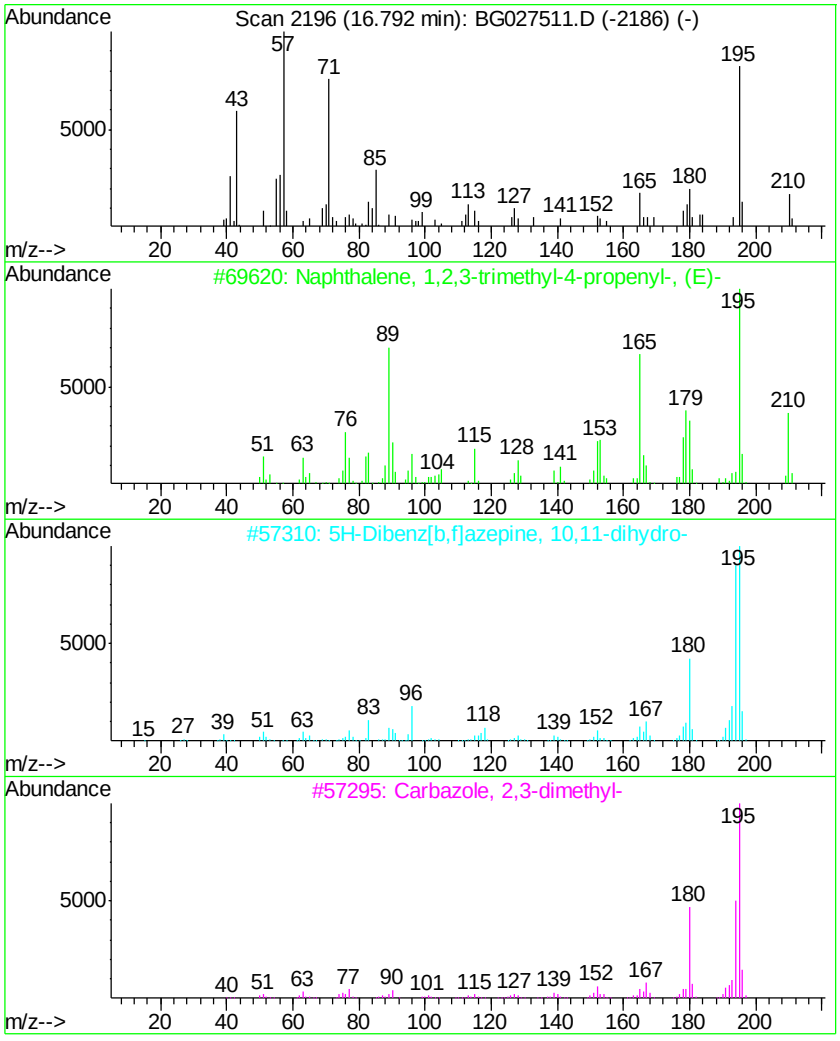
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

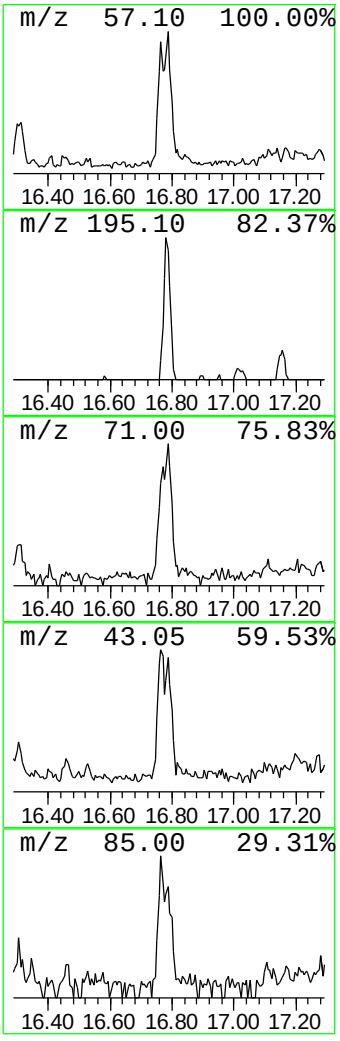
****

Peak Number 7 unknown-01 Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.79	2.59 ng/ul	117364	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2,3-trimethyl-4-p...	210	C16H18	026137-53-1	46
2	5H-Dibenz[b,f]azepine, 10,11-dih...	195	C14H13N	000494-19-9	46
3	Carbazole, 2,3-dimethyl-	195	C14H13N	018992-70-6	43
4	Carbazole, 1,4-dimethyl-	195	C14H13N	018028-55-2	43
5	2',3',4' Trimethoxyacetophenone	210	C11H14O4	013909-73-4	43





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

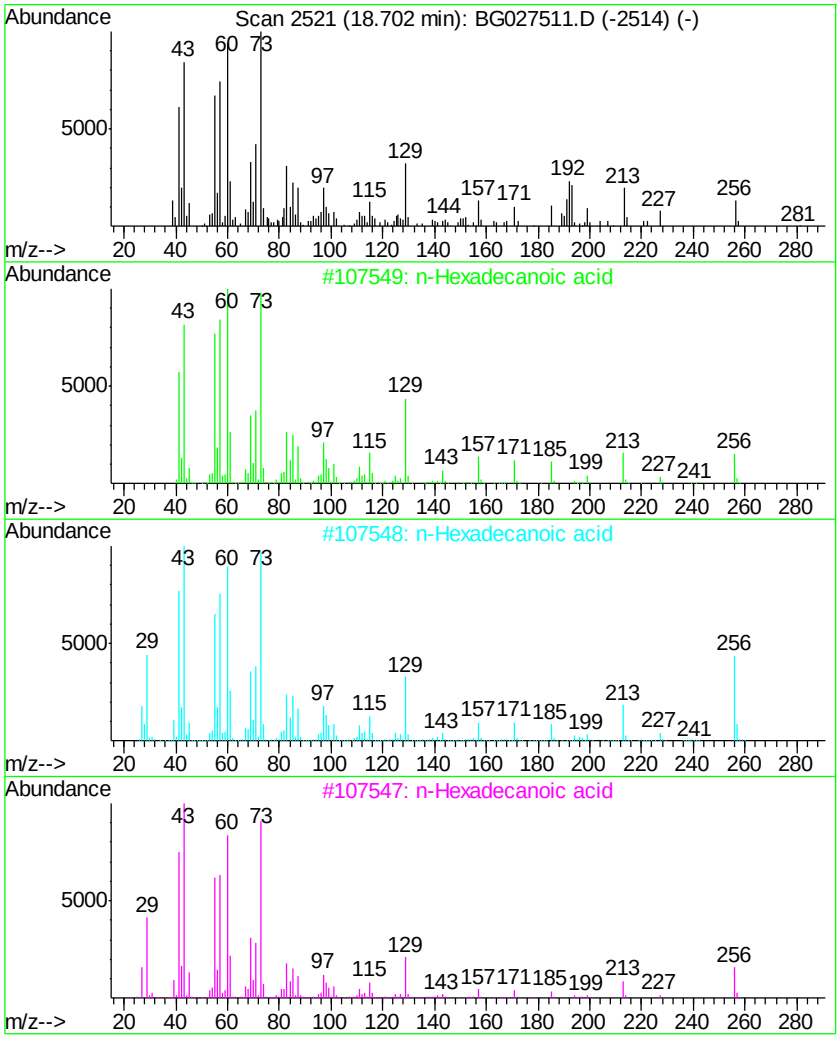
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

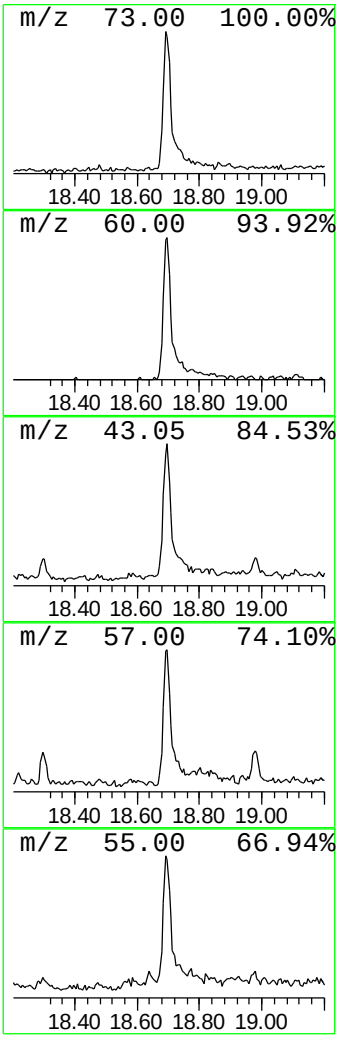
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.70	6.37 ng/ul	289064	Phenanthrene-d10	17.86

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	98
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4	Tridecanoic acid	214	C13H26O2	000638-53-9	91
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

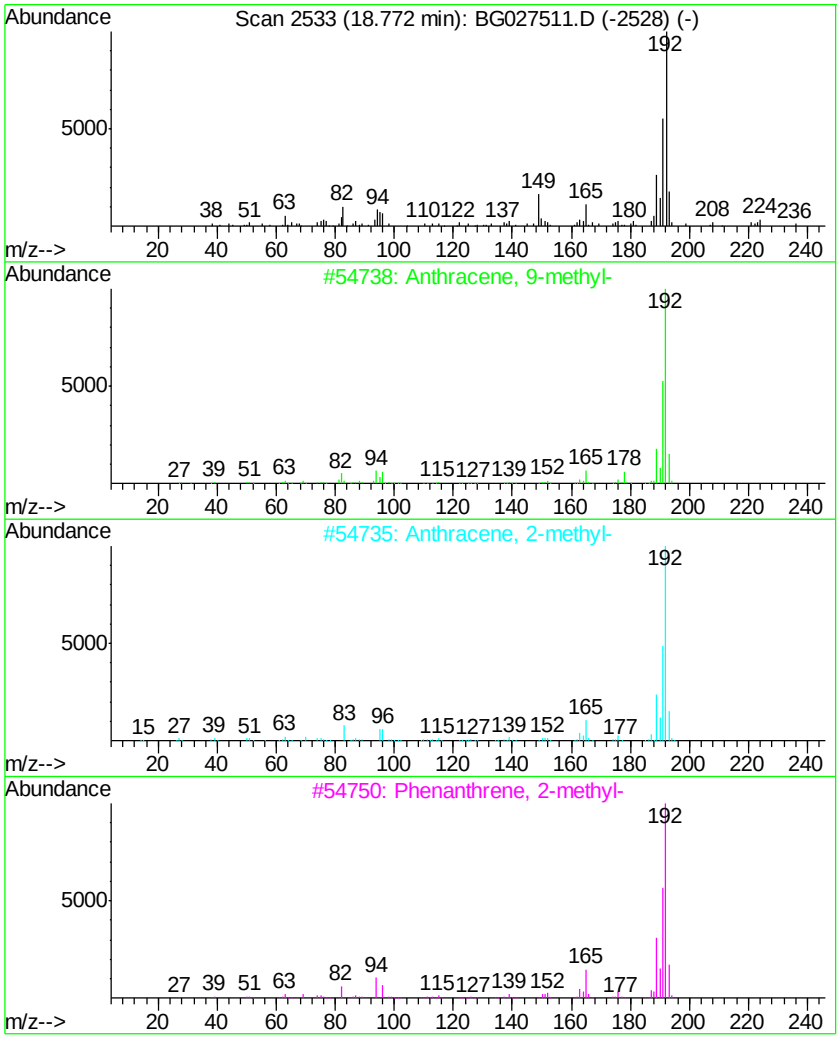
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

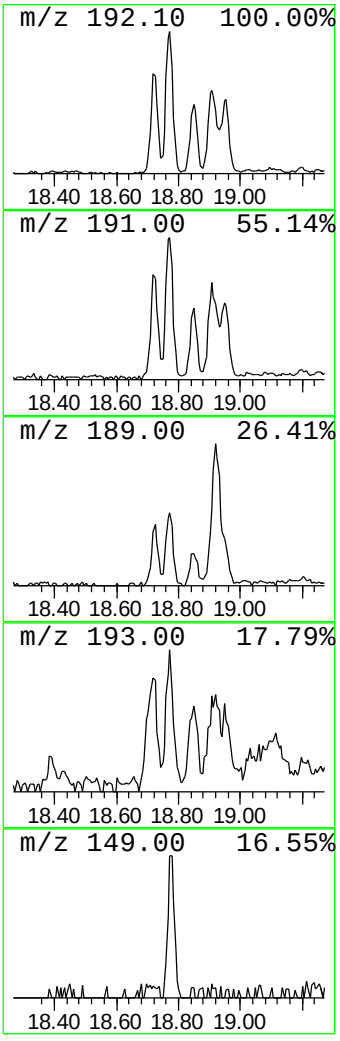
****

Peak Number 9 Anthracene, 9-methyl- Concentration Rank 26

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.77	2.46 ng/ul	111544	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

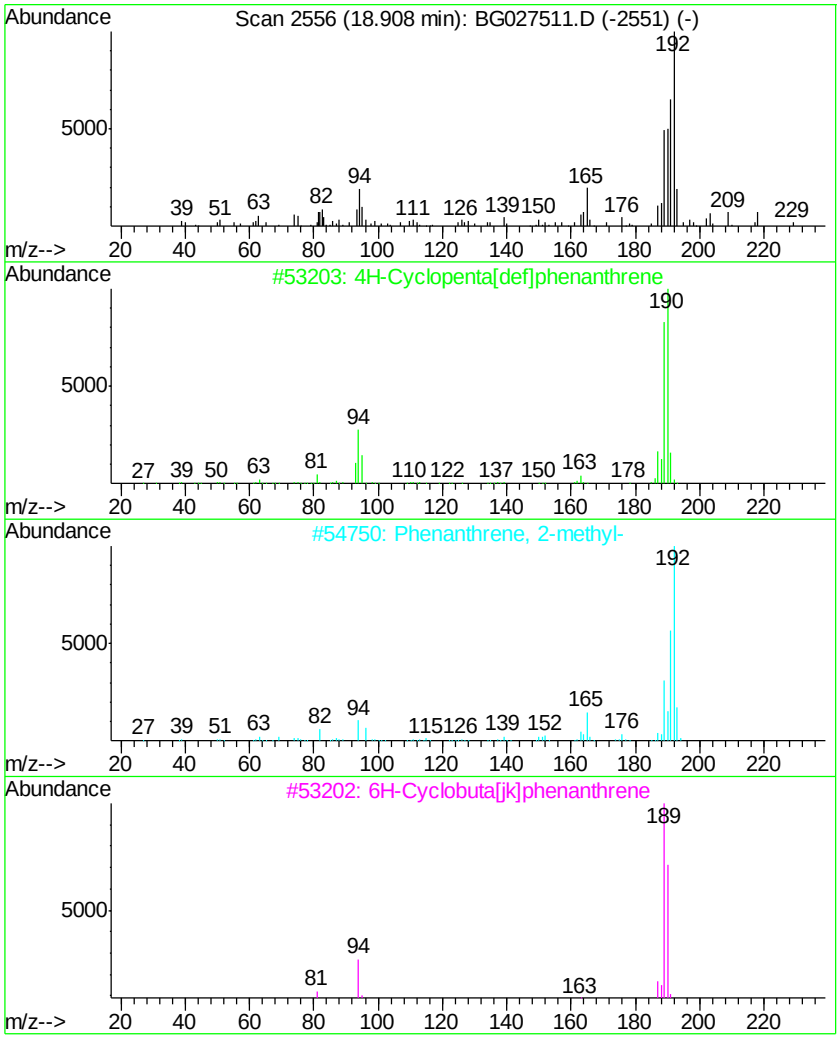
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

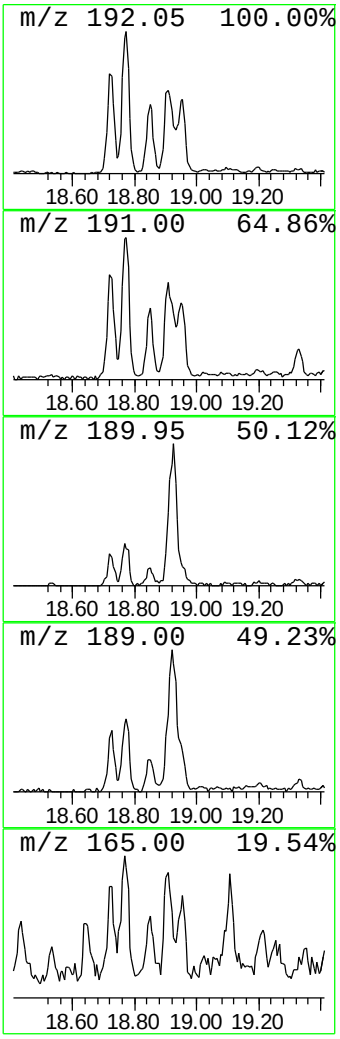
****

Peak Number 10 4H-Cyclopenta[def]phenanthrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.91	2.99 ng/ul	135398	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	50
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

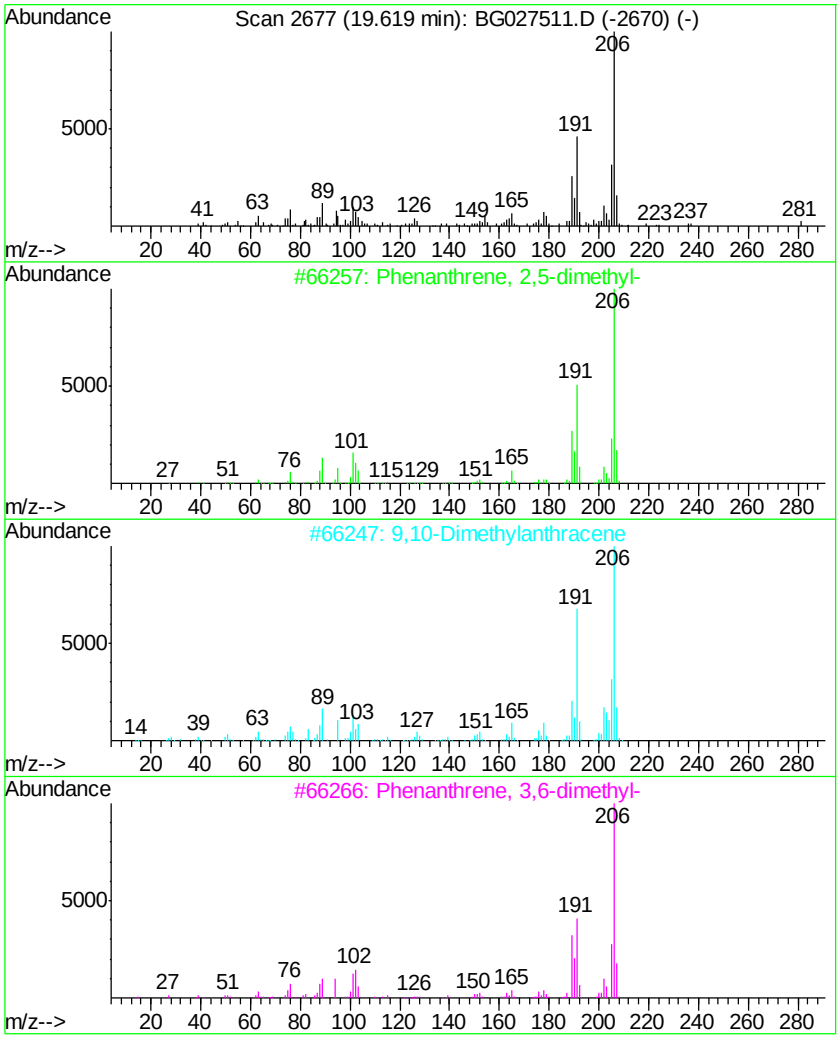
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

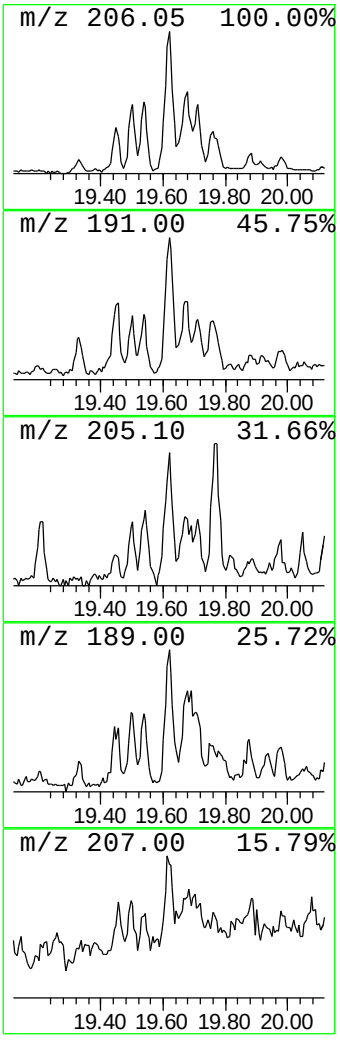
****

Peak Number 11 Phenanthrene, 2,5-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.47 ng/ul	157235	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

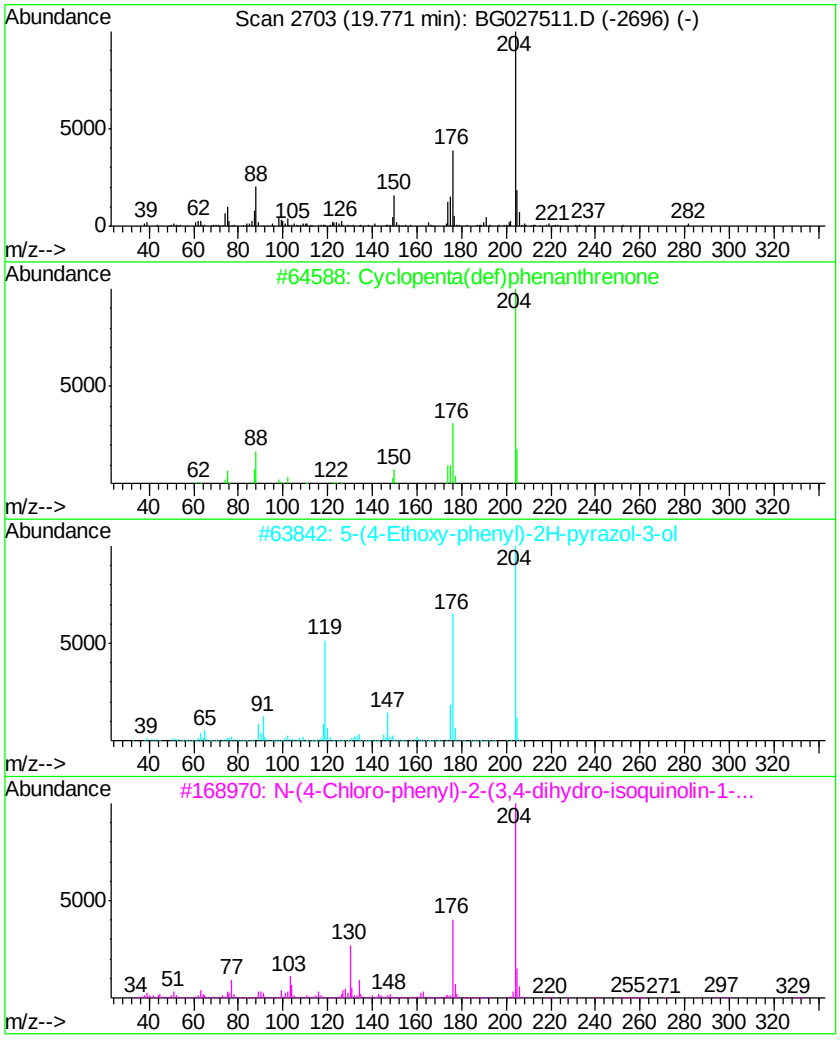
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

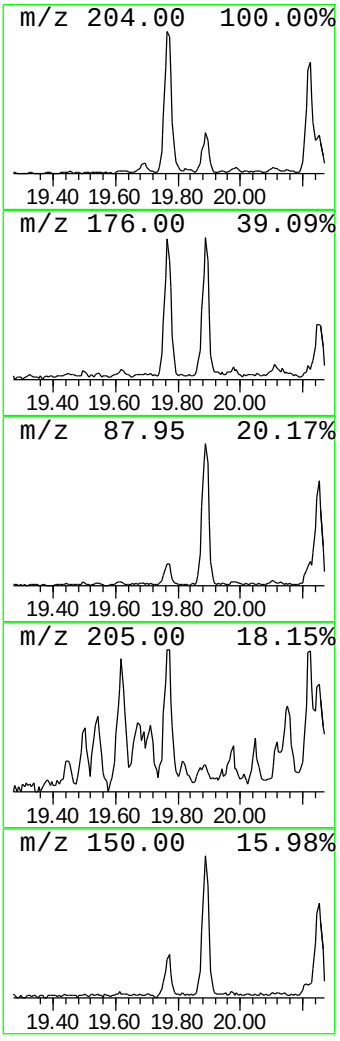
****

Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.77	3.69 ng/ul	167162	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5-(4-Ethoxy-phenyl)-2H-pyrazol-3-ol	204	C11H12N2O2	1000278-26-8	53
3	N-(4-Chloro-phenyl)-2-(3,4-dihyd...	330	C17H15ClN2OS	1000296-34-3	53
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

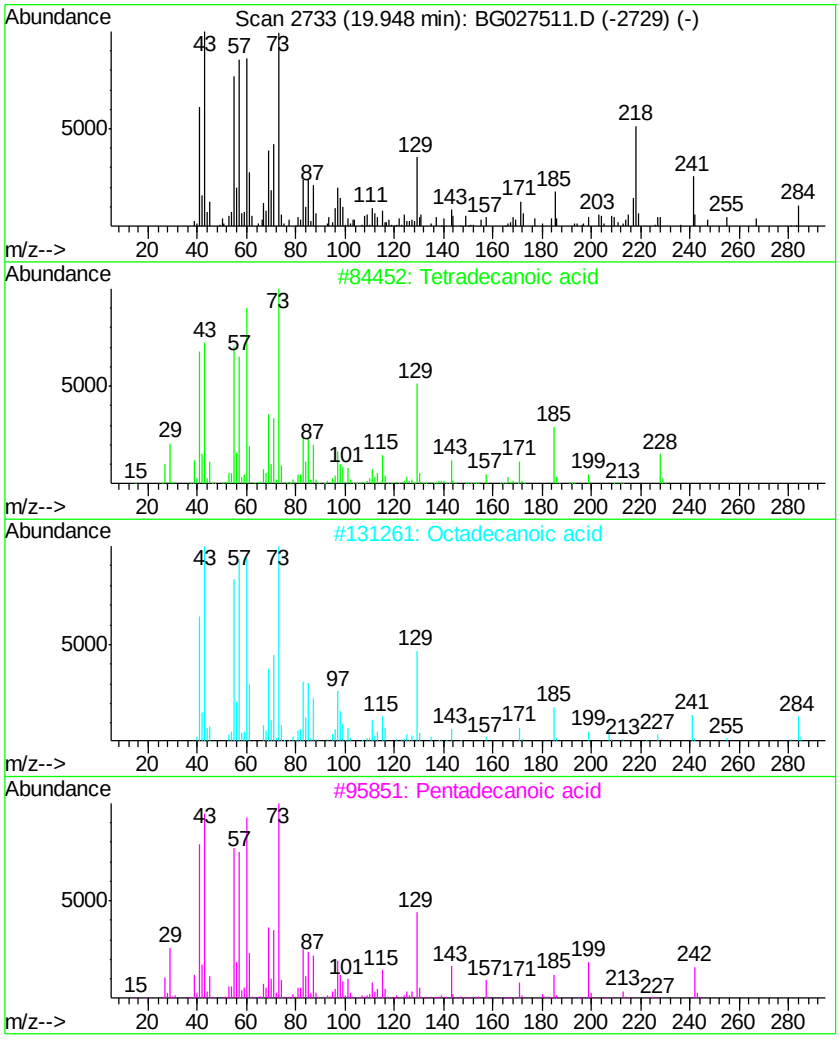
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

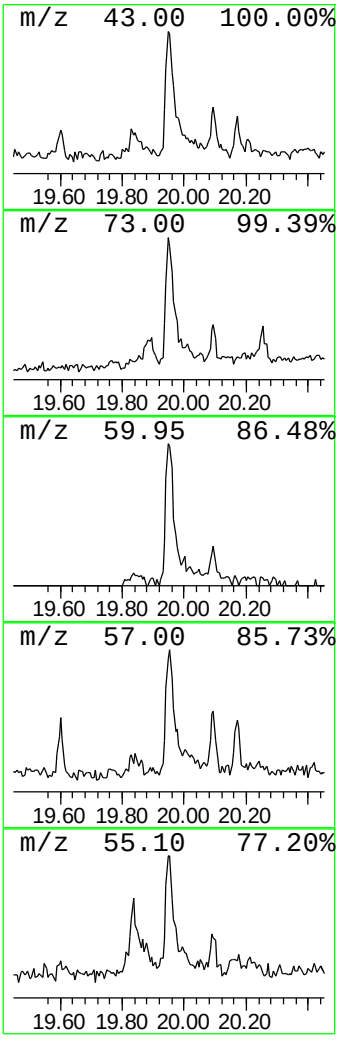
****

Peak Number 13 Tetradecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.95	4.27 ng/ul	193481	Phenanthrene-d10	17.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	97
2	Octadecanoic acid	284	C18H36O2	000057-11-4	95
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	93
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	89





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

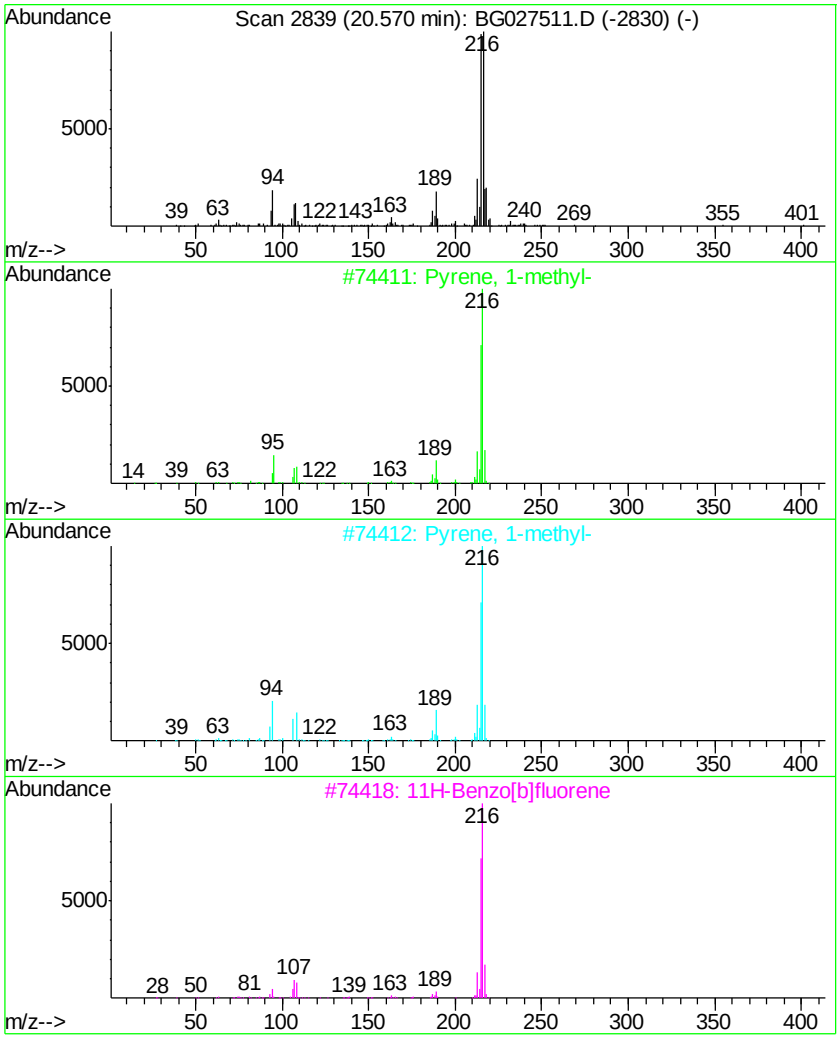
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

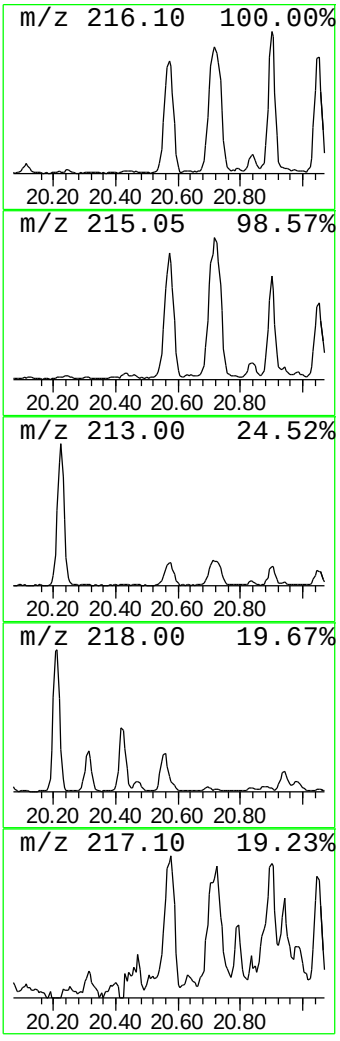
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 23

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.57	2.79 ng/ul	350836	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

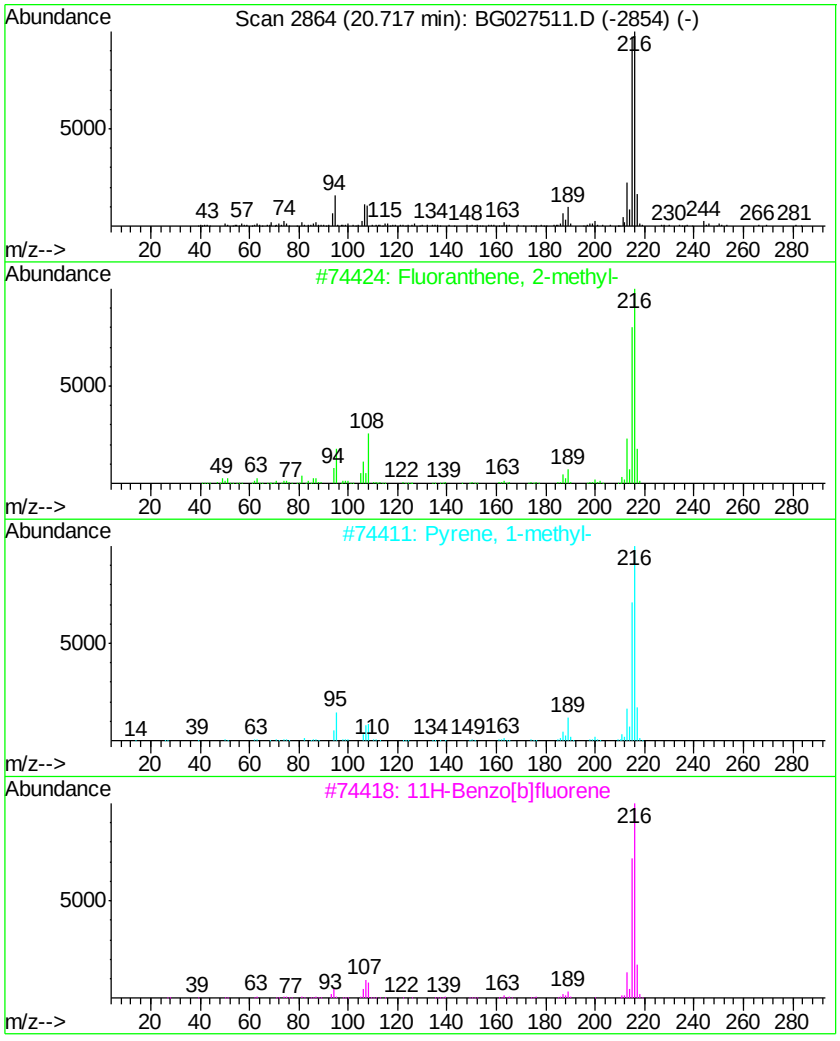
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

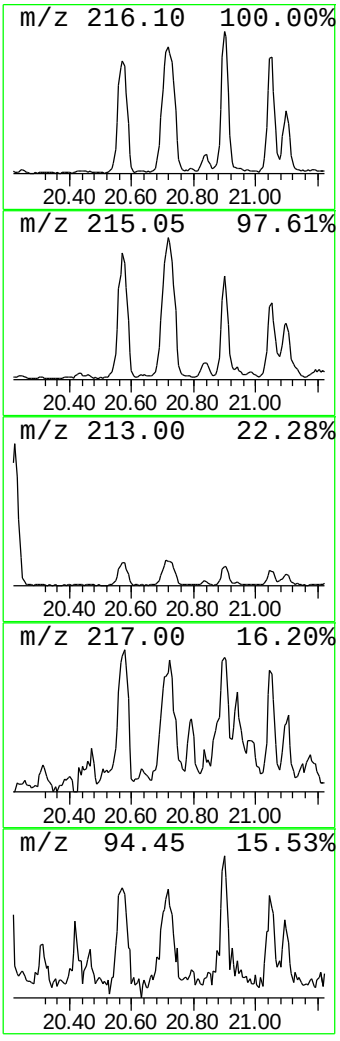
****

Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.72	3.01 ng/ul	378512	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

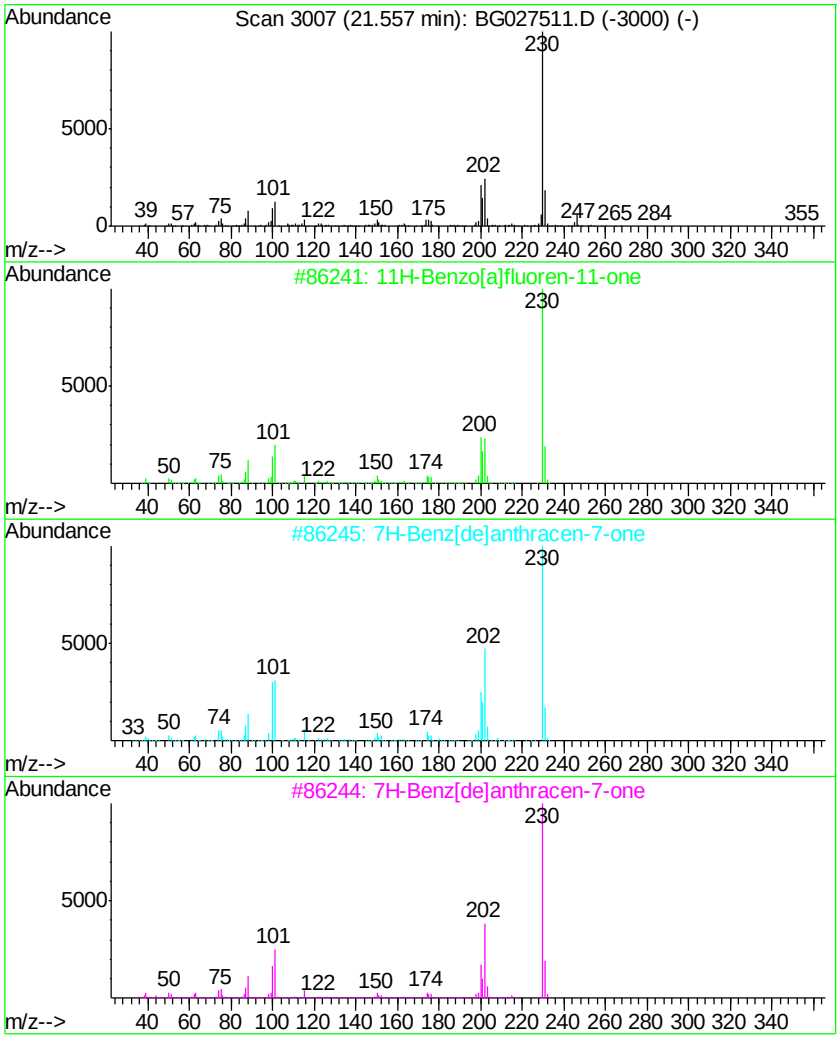
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

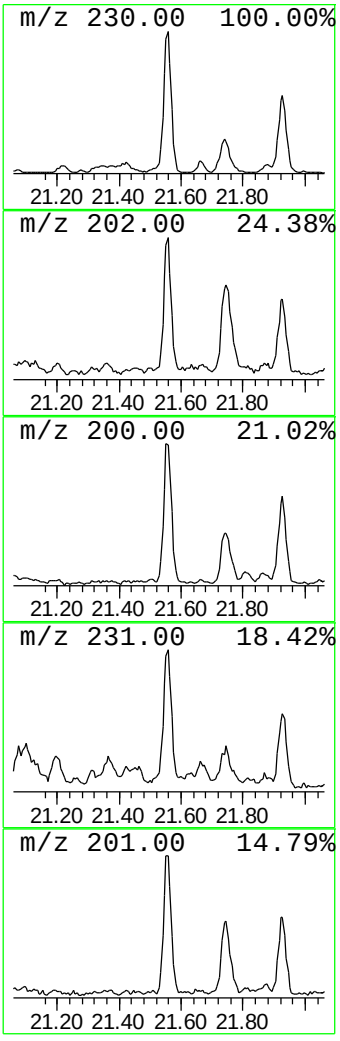
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.56	3.40 ng/ul	427691	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	98
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	74
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

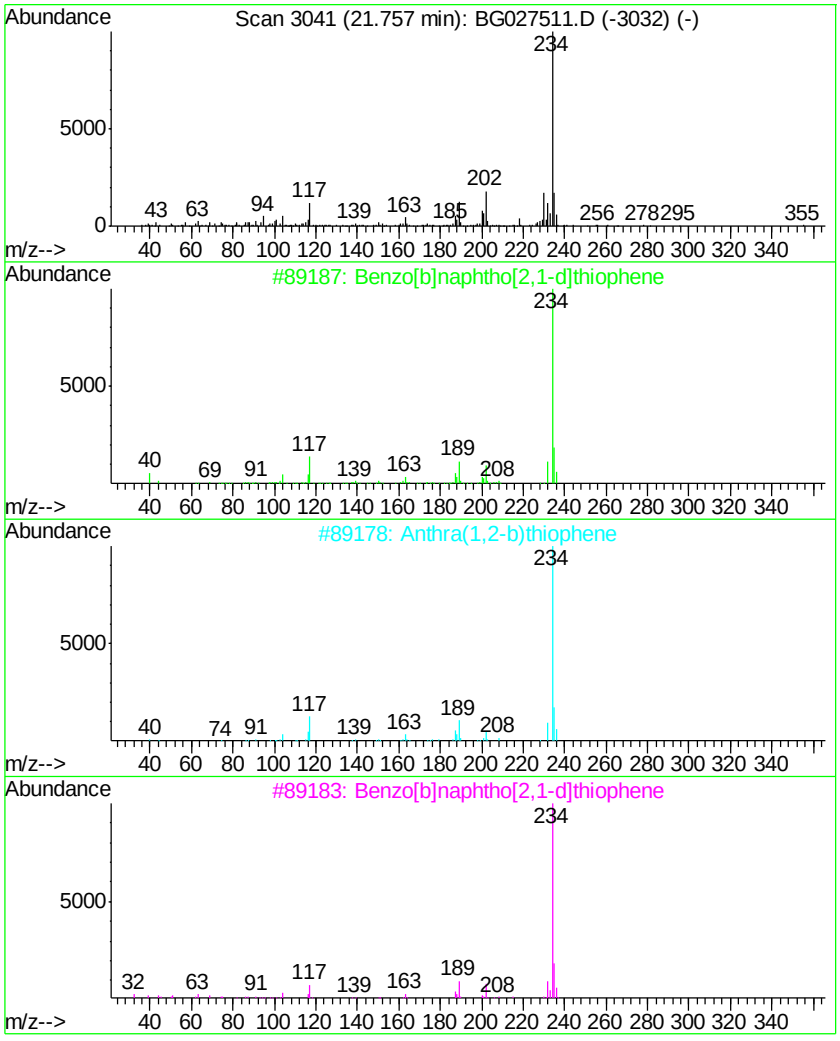
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

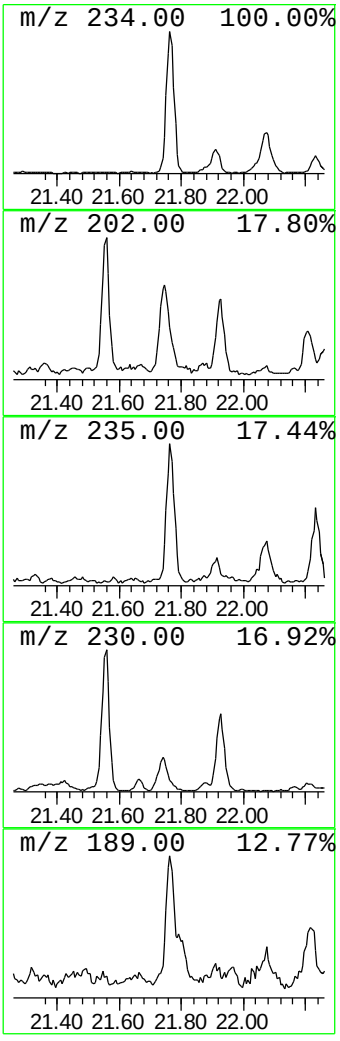
****

Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.76	3.81 ng/ul	479579	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	98
2	Anthra(1,2-b)thiophene	234	C16H10S	000227-86-1	98
3	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
5	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

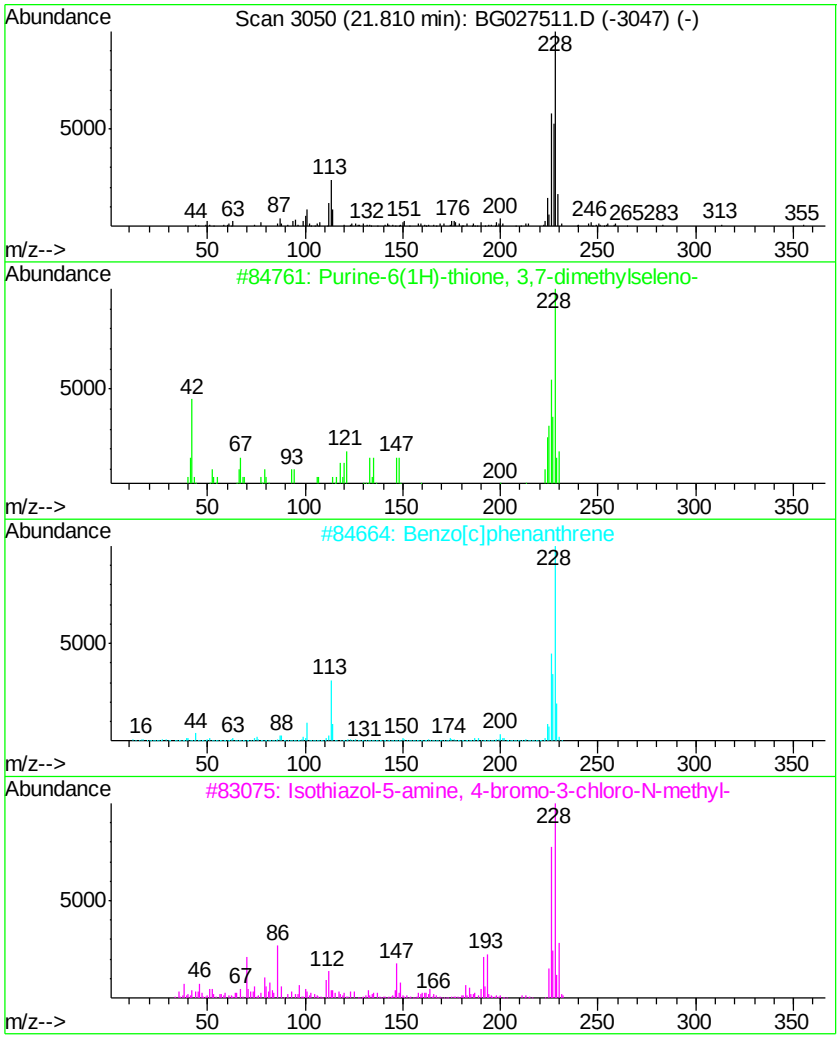
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

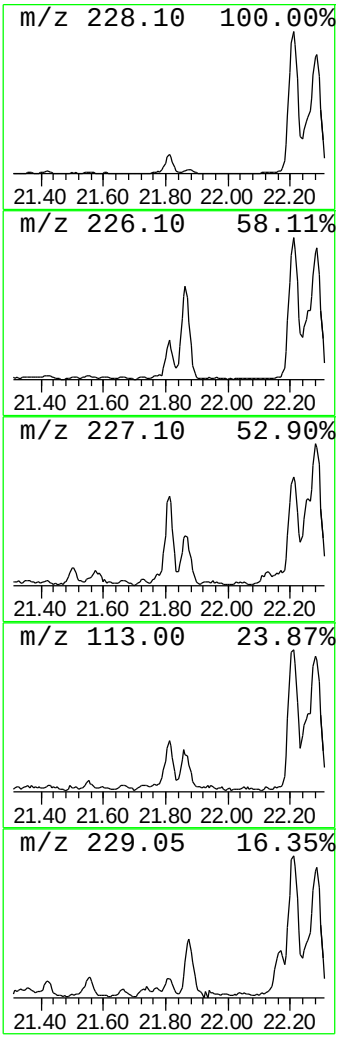
****

Peak Number 19 Purine-6(1H)-thione, 3,7-di... Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.81	2.08 ng/ul	262045	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Purine-6(1H)-thione, 3,7-dimethy...	228	C7H8N4Se	023663-58-3	64
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	53
4	Benzo[c]phenanthrene	228	C18H12	000195-19-7	52
5	Triphenylene	228	C18H12	000217-59-4	50





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

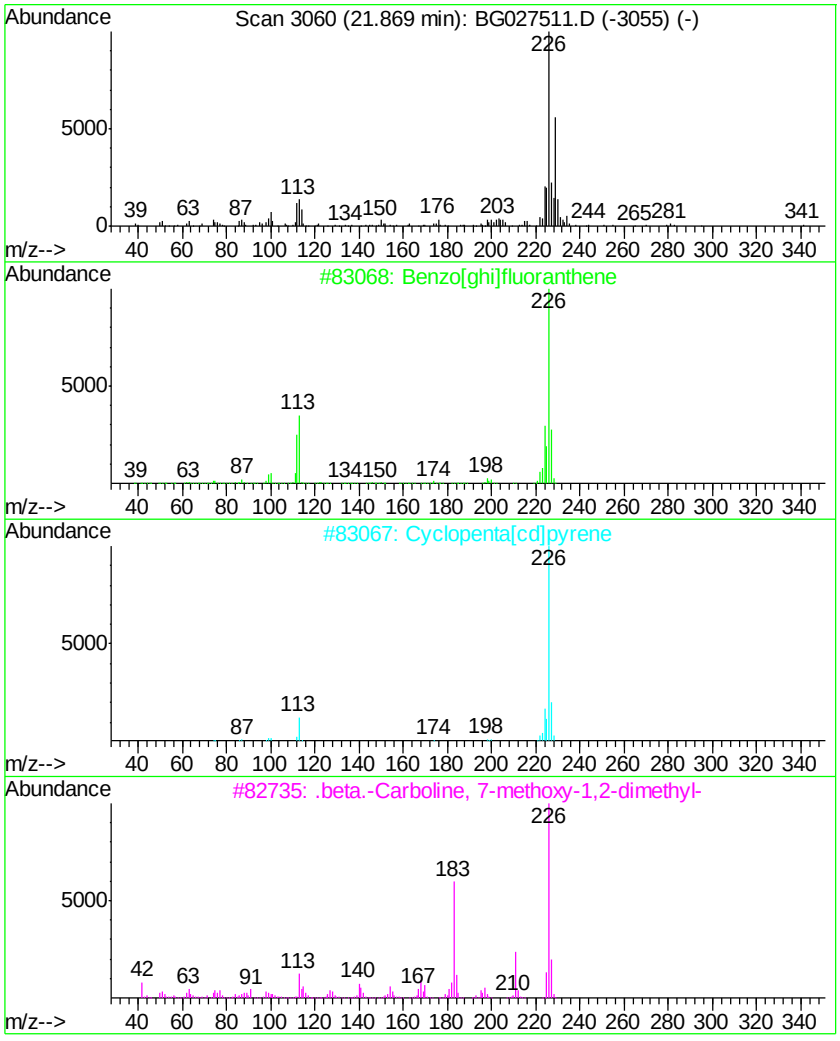
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

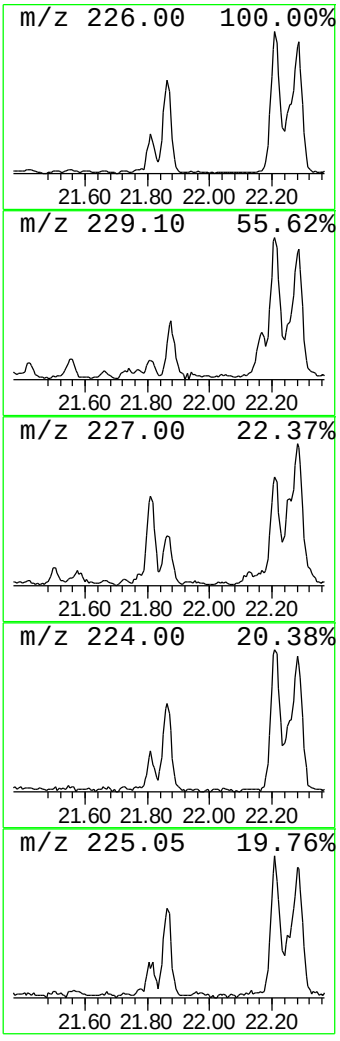
****

Peak Number 20 unknown-02 Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.87	2.41 ng/ul	303030	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	49
2	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	43
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	38
5	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	32





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

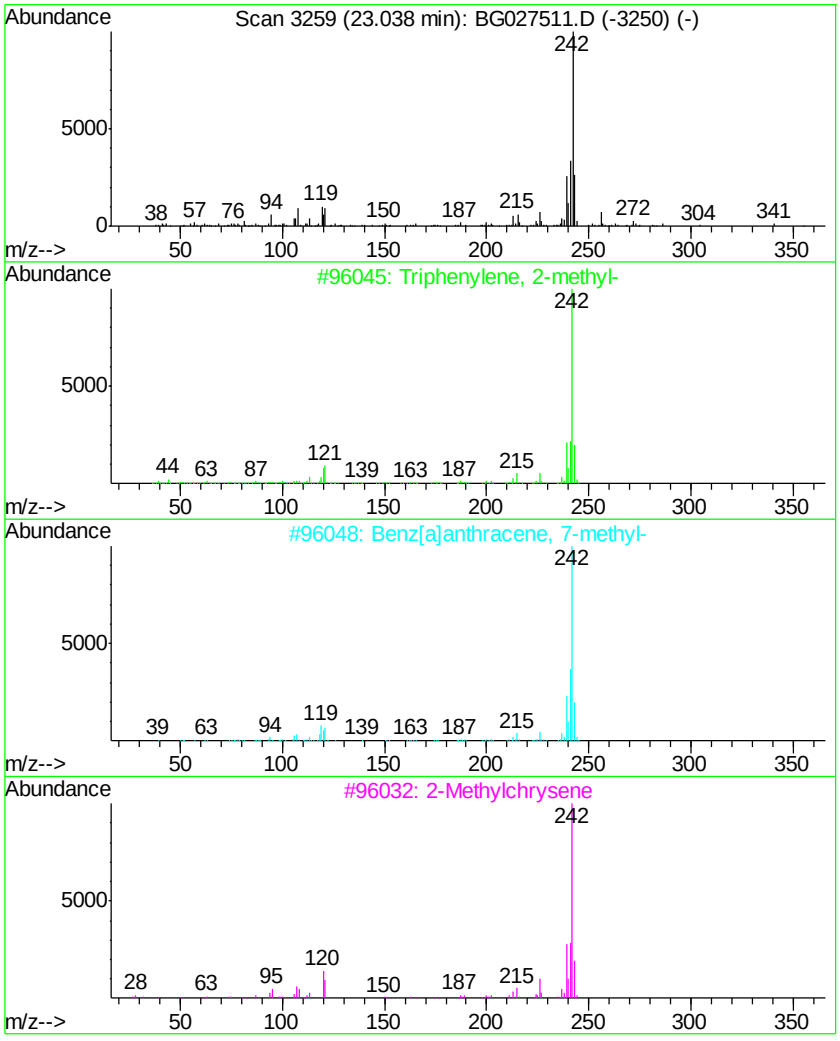
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

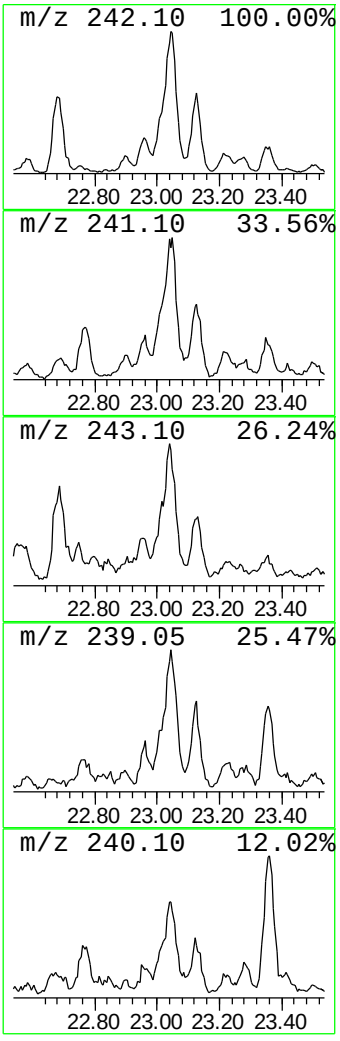
****

Peak Number 22 Triphenylene, 2-methyl- Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.04	2.28 ng/ul	287531	Chrysene-d12	22.23

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	95
3	2-Methylchrysene	242	C19H14	003351-32-4	93
4	Chrysene, 3-methyl-	242	C19H14	003351-31-3	93
5	Chrysene, 1-methyl-	242	C19H14	003351-28-8	91





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

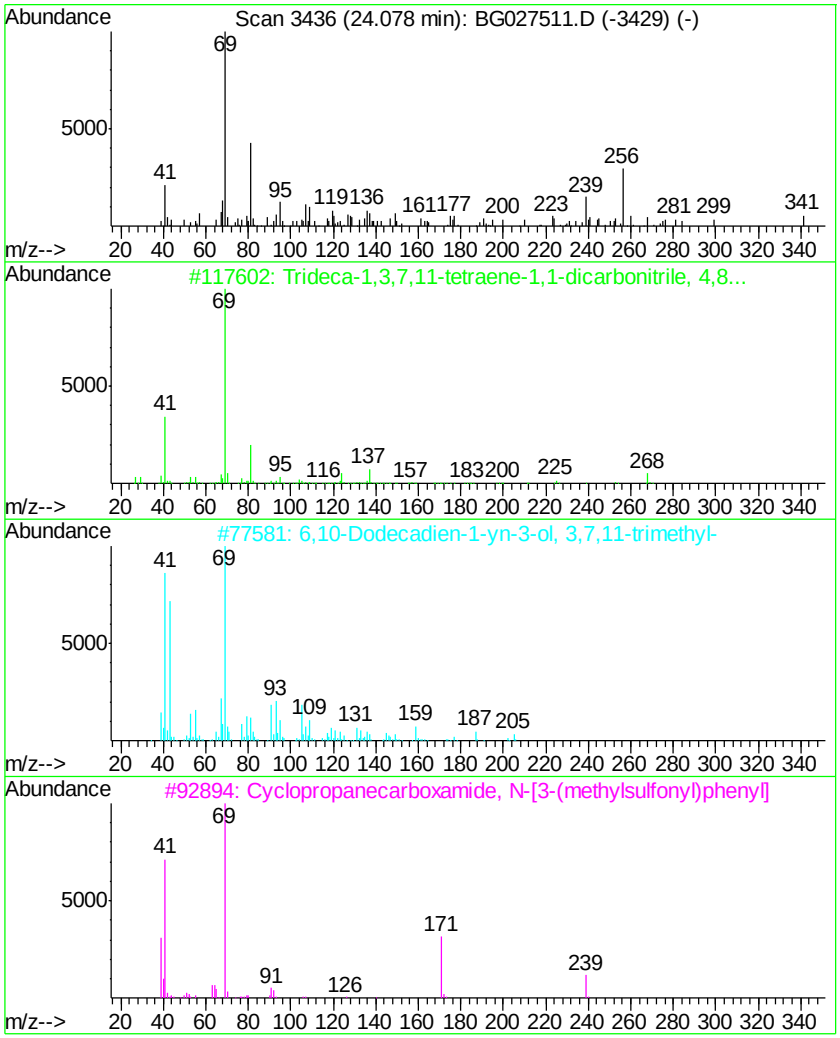
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

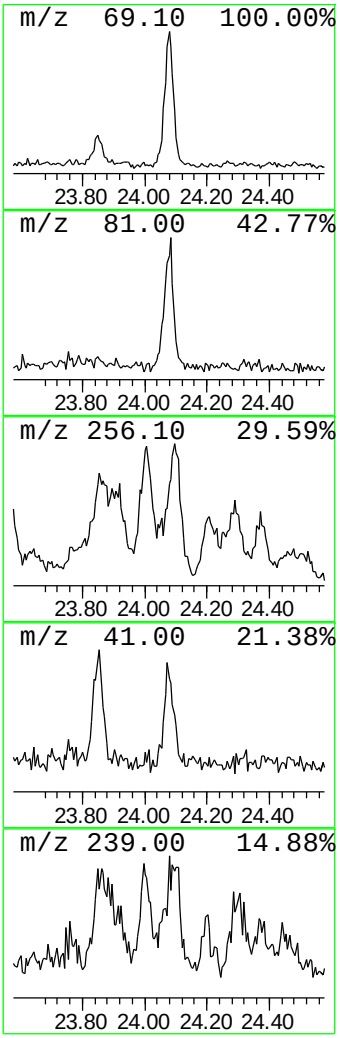
****

Peak Number 23 unknown-03 Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.08	2.14 ng/ul	138169	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trideca-1,3,7,11-tetraene-1,1-di...	268	C18H24N2	1000159-88-9	43
2	6,10-Dodecadien-1-yn-3-ol, 3,7,1...	220	C15H24O	002387-68-0	38
3	Cyclopropanecarboxamide, N-[3-(m...	239	C11H13NO3S	1000319-87-8	38
4	1,6-Octadiene, 3,5-dimethyl-, tr...	138	C10H18	074630-87-8	38
5	2,6,10-Dodecatrien-1-ol, 3,7,11-...	222	C15H26O	004602-84-0	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

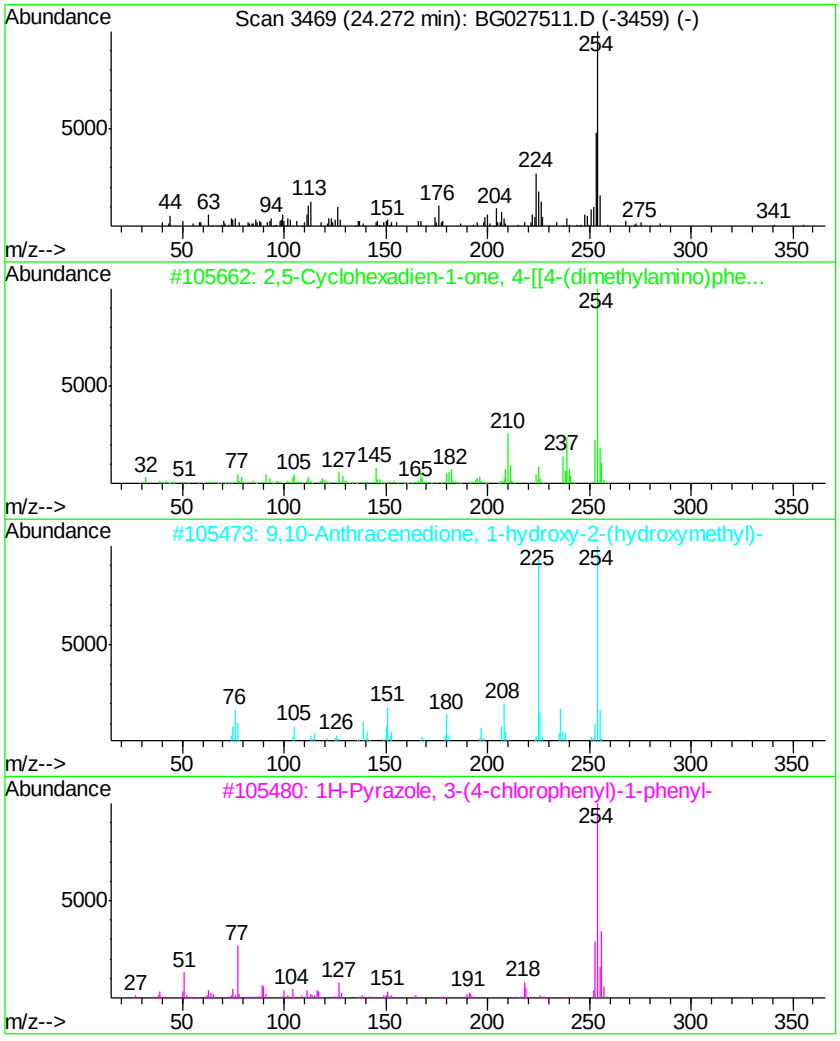
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

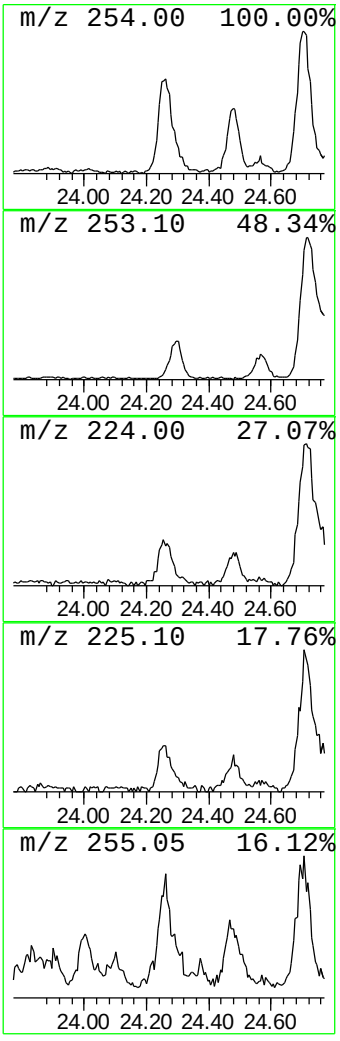
****

Peak Number 24 2,5-Cyclohexadien-1-one, 4-... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.27	3.09 ng/ul	199309	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,5-Cyclohexadien-1-one, 4-[[4-(...	254	C16H18N2O	1000319-40-8	53
2	9,10-Anthracenedione, 1-hydroxy-...	254	C15H10O4	024094-45-9	53
3	1H-Pyrazole, 3-(4-chlorophenyl)-...	254	C15H11ClN2	033064-19-6	52
4	3-Hydroxy-1-methoxyanthraquinone	254	C15H10O4	028504-24-7	52
5	Chrysin	254	C15H10O4	000480-40-0	50





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

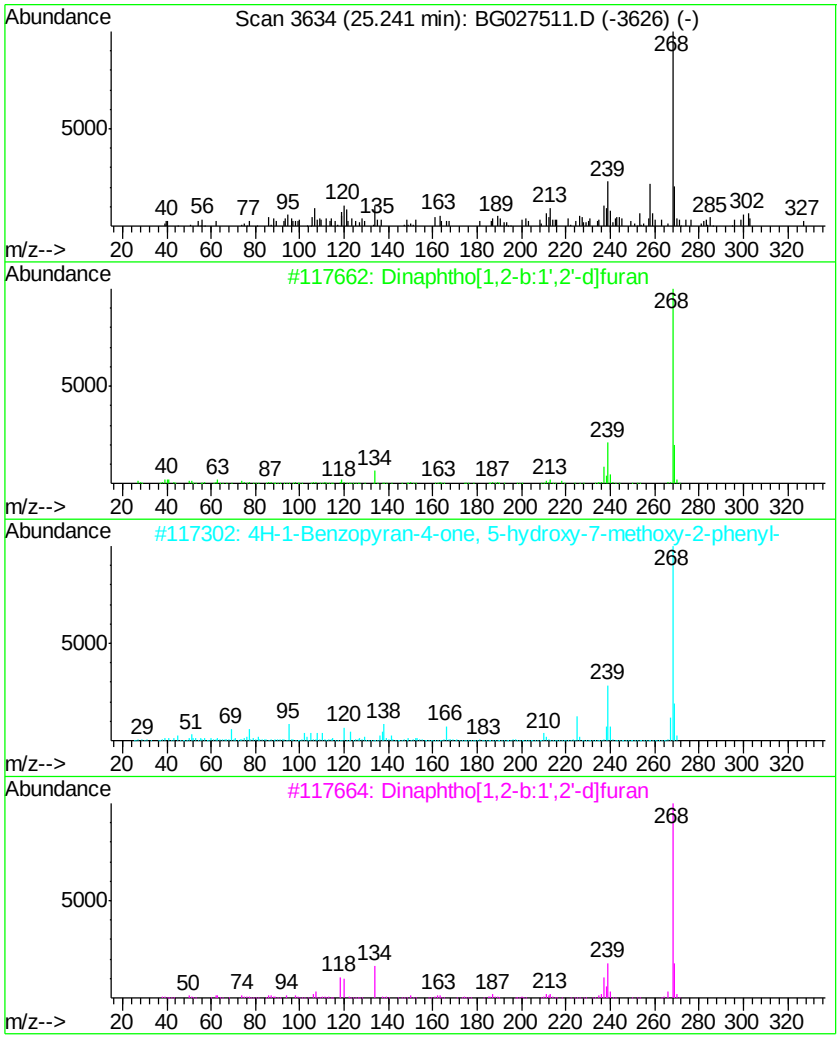
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

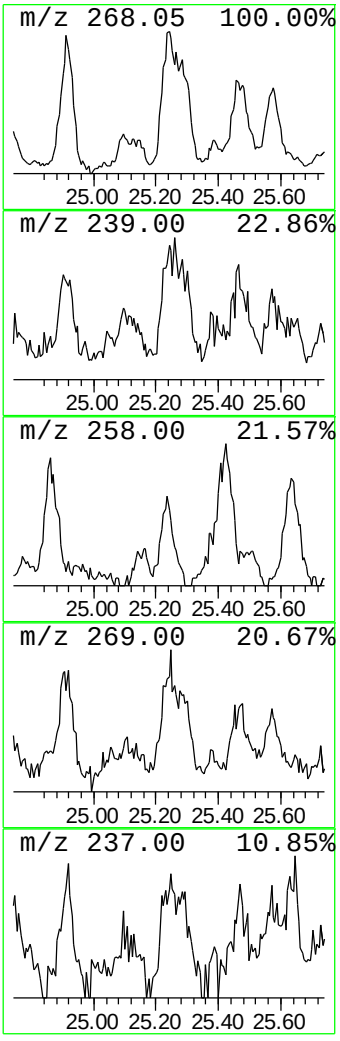
****

Peak Number 25 Dinaphtho[1,2-b:1',2'-d]furan Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.24	2.39 ng/ul	153975	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	93
2	4H-1-Benzopyran-4-one, 5-hydroxy...	268	C16H12O4	000520-28-5	70
3	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	68
4	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	64
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

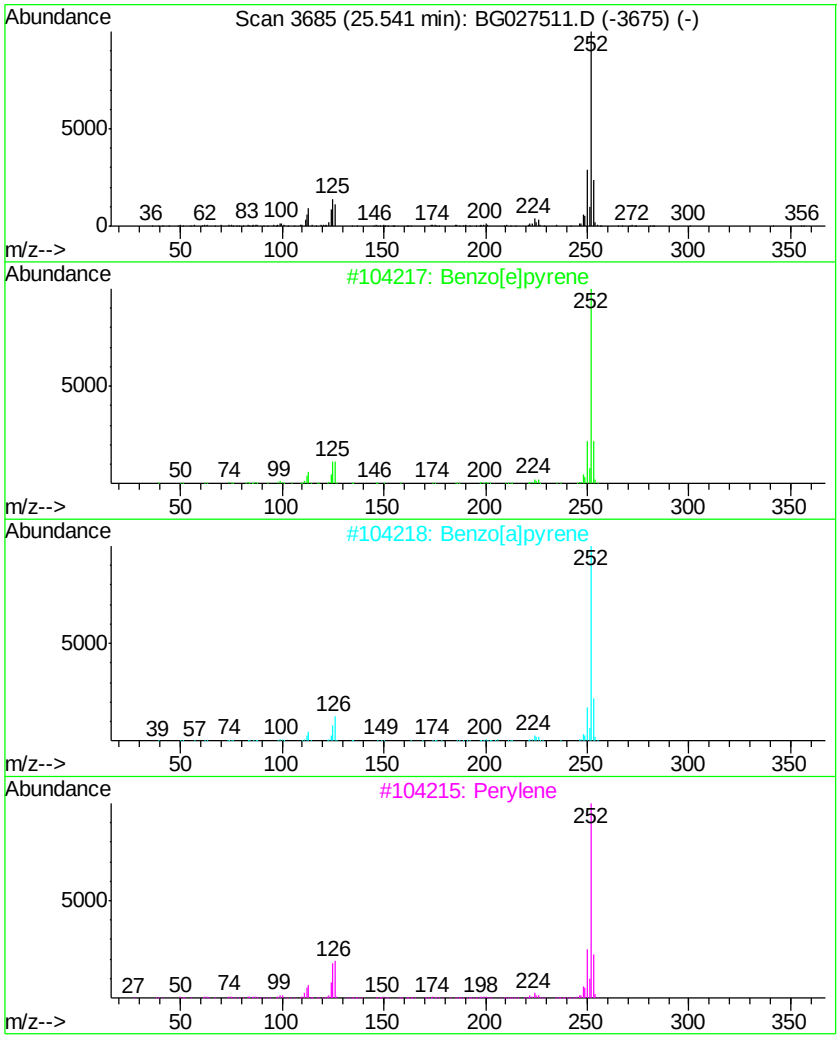
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

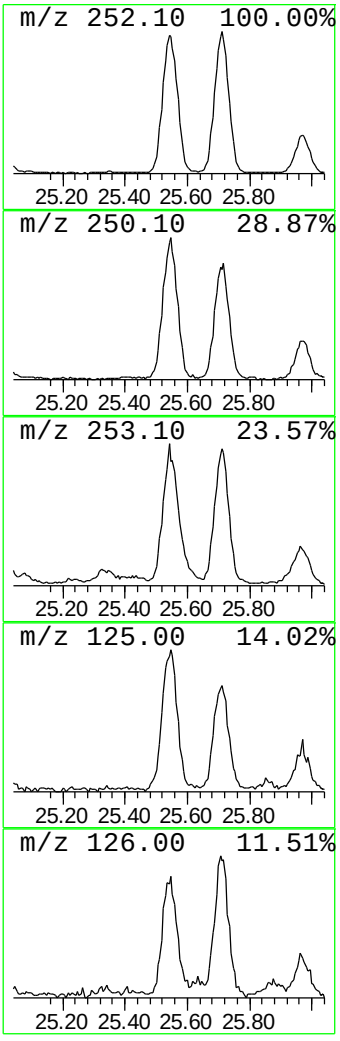
****

Peak Number 26 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.54	8.35 ng/ul	538238	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[a]pyrene	252	C20H12	000050-32-8	96
3	Perylene	252	C20H12	000198-55-0	94
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

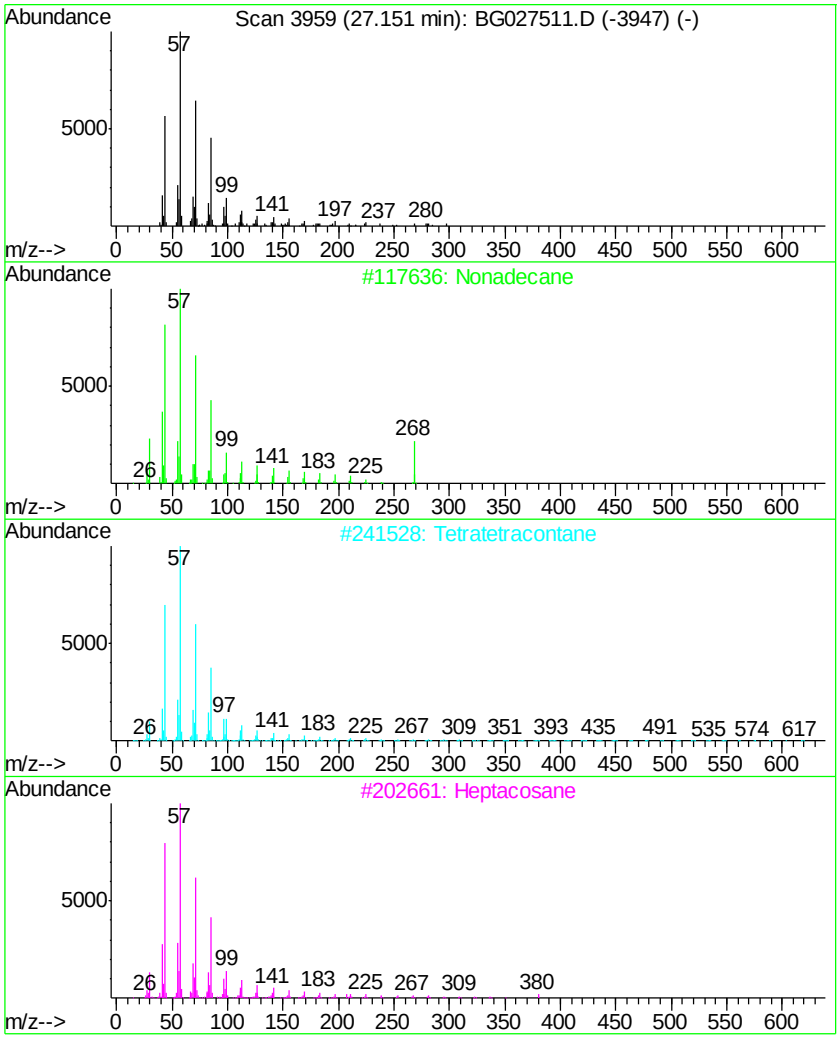
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

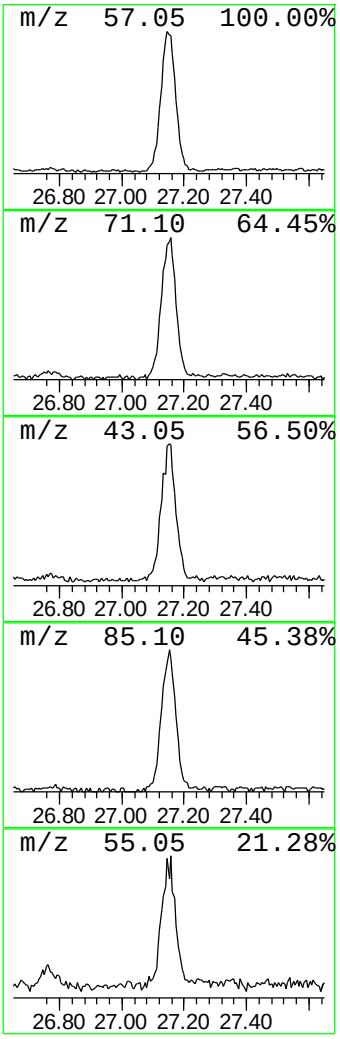
****

Peak Number 28 (DEL) Alkane: Straight-Chai... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
27.15	4.38 ng/ul	282336	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nonadecane	268	C19H40	000629-92-5	93
2	Tetratetracontane	619	C44H90	007098-22-8	90
3	Heptacosane	380	C27H56	000593-49-7	90
4	Octacosane	394	C28H58	000630-02-4	90
5	Hentriacontane	437	C31H64	000630-04-6	90





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

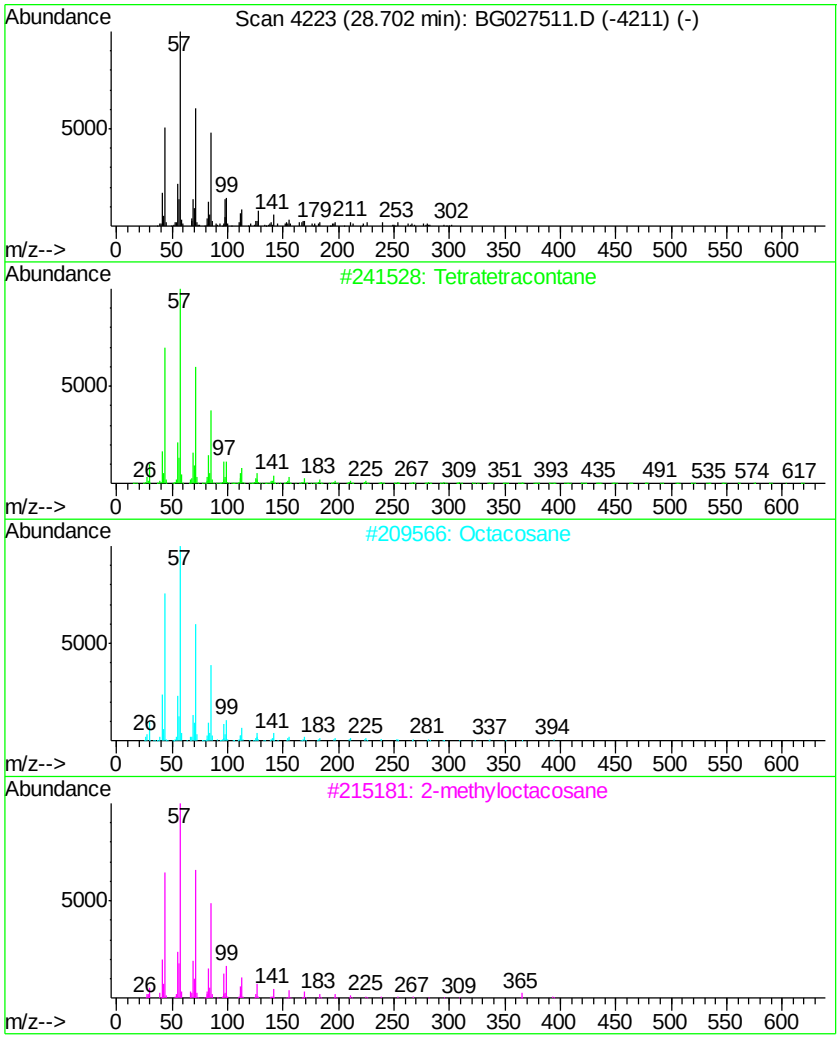
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

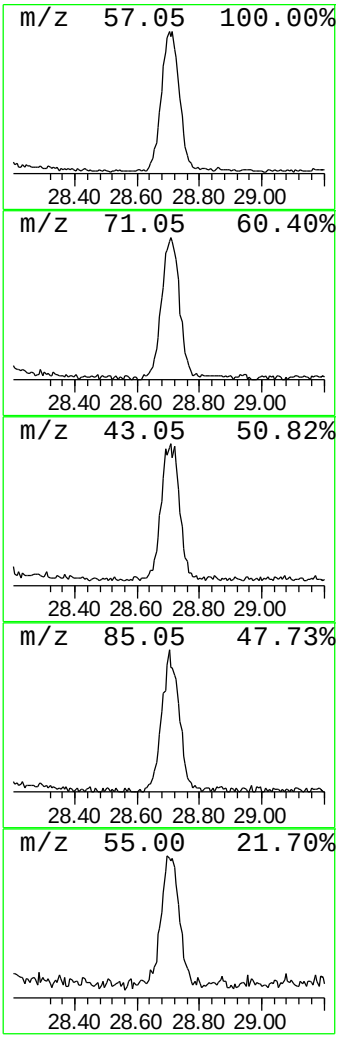
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.70	5.13 ng/ul	330776	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetratetracontane	619	C44H90	007098-22-8	90
2	Octacosane	394	C28H58	000630-02-4	90
3	2-methyloctacosane	408	C29H60	1000376-72-8	90
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	87
5	Hexatriacontane	507	C36H74	000630-06-8	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

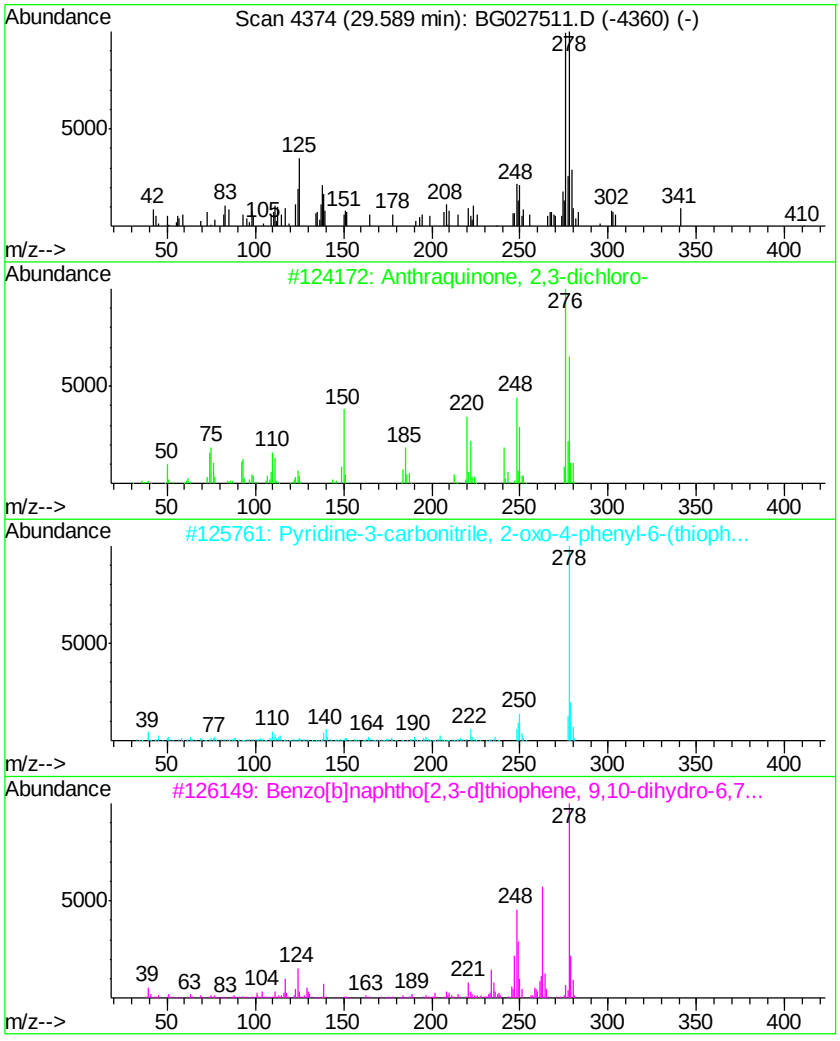
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

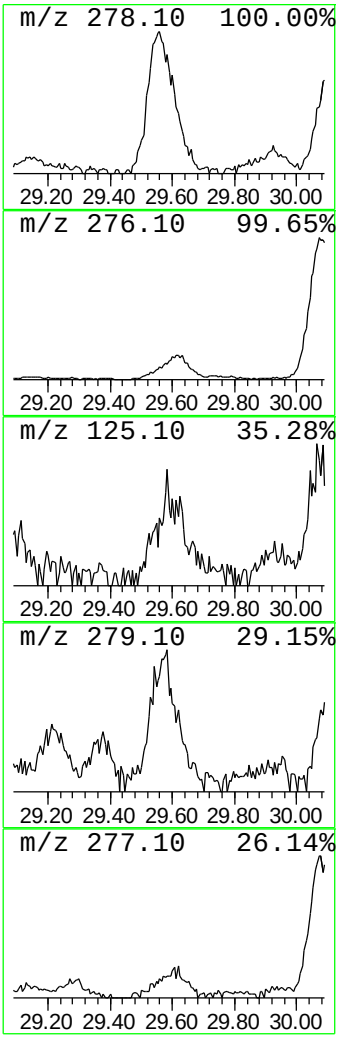
****

Peak Number 30 Anthraquinone, 2,3-dichloro- Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.59	2.81 ng/ul	180968	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthraquinone, 2,3-dichloro-	276	C14H6Cl2O2	000084-45-7	83
2	Pyridine-3-carbonitrile, 2-oxo-4...	278	C16H10N2OS	1000304-72-3	41
3	Benzo[b]naphtho[2,3-d]thiophene,...	278	C19H18S	024964-01-0	38
4	Phenol, 2-(4-chlorophenyliminome...	276	C13H9ClN2O3	1000262-90-3	38
5	Estra-1,3,5,7,9,15-hexaen-17-one...	278	C19H18O2	056588-53-5	38





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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

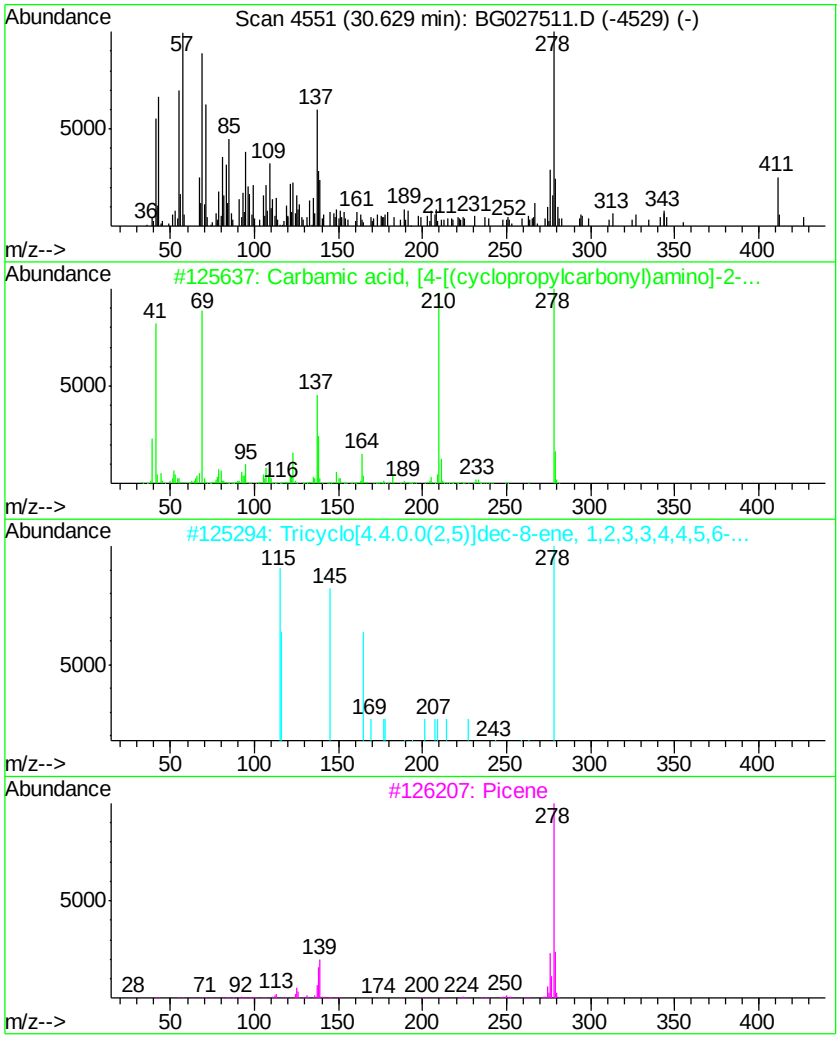
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

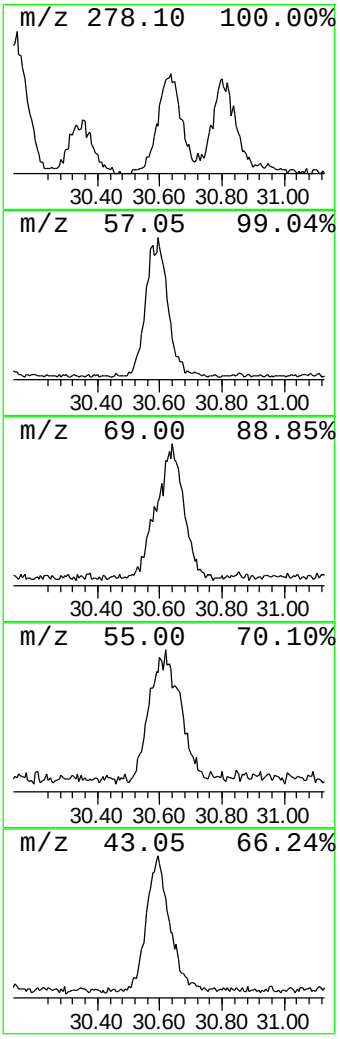
****

Peak Number 31 Carbamic acid, [4-[(cyclopr... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
30.63	10.74 ng/ul	692251	Perylene-d12	25.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Carbamic acid, [4-[(cyclopropylc...	278	C14H18N2O4	1000337-41-0	53
2	Tricyclo[4.4.0.0(2,5)]dec-8-ene,...	278	C10H6F8	077549-74-7	42
3	Picene	278	C22H14	000213-46-7	38
4	Benz[a]anthracene-7,12-dicarboni...	278	C20H10N2	035215-32-8	35
5	Picene	278	C22H14	000213-46-7	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061617\
Data File : BG027511.D
Acq On : 17 Jun 2017 17:51
Operator : SJ/MA
Sample : I3599-08
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : F5D42

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
Propanoic acid, 2...	4.30	3.7	ng/ul	52014	1	8.52	279783	20.0
Butanoic acid	4.65	15.1	ng/ul	211373	1	8.52	279783	20.0
Butanoic acid, 3-...	5.38	6.7	ng/ul	93640	1	8.52	279783	20.0
Butanoic acid, 2-...	5.51	4.0	ng/ul	55757	1	8.52	279783	20.0
Pentanoic acid	5.95	3.1	ng/ul	43770	1	8.52	279783	20.0
Hydrocinnamic acid	13.07	14.1	ng/ul	344525	2	11.33	488781	20.0
unknown-01	16.79	2.6	ng/ul	117364	4	17.86	906896	20.0
n-Hexadecanoic acid	18.70	6.4	ng/ul	289064	4	17.86	906896	20.0
Anthracene, 9-met...	18.77	2.5	ng/ul	111544	4	17.86	906896	20.0
4H-Cyclopenta[def...	18.91	3.0	ng/ul	135398	4	17.86	906896	20.0
Phenanthrene, 2,5...	19.62	3.5	ng/ul	157235	4	17.86	906896	20.0
Cyclopenta(def)ph...	19.77	3.7	ng/ul	167162	4	17.86	906896	20.0
Tetradecanoic acid	19.95	4.3	ng/ul	193481	4	17.86	906896	20.0
Pyrene, 1-methyl-	20.57	2.8	ng/ul	350836	5	22.23	2517890	20.0
Fluoranthene, 2-m...	20.72	3.0	ng/ul	378512	5	22.23	2517890	20.0
11H-Benzo[a]fluor...	21.56	3.4	ng/ul	427691	5	22.23	2517890	20.0
Benzo[b]naphtho[2...	21.76	3.8	ng/ul	479579	5	22.23	2517890	20.0
Purine-6(1H)-thio...	21.81	2.1	ng/ul	262045	5	22.23	2517890	20.0
unknown-02	21.87	2.4	ng/ul	303030	5	22.23	2517890	20.0
Triphenylene, 2-m...	23.04	2.3	ng/ul	287531	5	22.23	2517890	20.0
unknown-03	24.08	2.1	ng/ul	138169	6	25.89	1289570	20.0
2,5-Cyclohexadien...	24.27	3.1	ng/ul	199309	6	25.89	1289570	20.0
Dinaphtho[1,2-b:1...	25.24	2.4	ng/ul	153975	6	25.89	1289570	20.0
Benzo[e]pyrene	25.54	8.3	ng/ul	538238	6	25.89	1289570	20.0
(DEL) Alkane: Str...	27.15	4.4	ng/ul	282336	6	25.89	1289570	20.0
(DEL) Alkane: Str...	28.70	5.1	ng/ul	330776	6	25.89	1289570	20.0
Anthraquinone, 2,...	29.59	2.8	ng/ul	180968	6	25.89	1289570	20.0
Carbamic acid, [4...	30.63	10.7	ng/ul	692251	6	25.89	1289570	20.0