LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.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	7.323	755	763	772	rBV2	61358	132172	1.38%	0.162%
2	7.494	783	792	806	rBV	54867	116677	1.22%	0.143%
3	7.699	819	827	837	rBV	81916	167107	1.75%	0.205%
4	8.175	900	908	924	rBV	155242	326298	3.42%	0.401%
5	8.874	1020	1027	1037	rBV2	90201	198333	2.08%	0.244%
6	9.344	1099	1107	1115	rBV	59259	134017	1.40%	0.165%
7	10.067	1224	1230	1243	rBV	52162	122011	1.28%	0.150%
8	10.608	1313	1322	1332	rBV	104305	228803	2.40%	0.281%
9	10.990	1377	1387	1405	rBV	302814	658994	6.90%	0.810%
10	11.131	1405	1411	1422	rBV3	41197	118260	1.24%	0.145%
11	12.641	1663	1668	1675	rBV2	6638	14408	0.15%	0.018%
12	12.858	1699	1705	1710	rBV	6315	12382	0.13%	0.015%
13	14.192	1925	1932	1937	rVV	244963	393146	4.12%	0.483%
14	14.239	1937	1940	1946	rVV2	42466	70625	0.74%	0.087%
15	14.491	1975	1983	1994	rBV	312259	556999	5.83%	0.684%
16	14.673	2008	2014	2018	rBV2	12691	18884	0.20%	0.023%
17	14.797	2023	2035	2041	rVV2	545051	973417	10.20%	1.196%
18	14.856	2041	2045	2053	rVB	69329	125466	1.31%	0.154%
19	15.003	2063	2070	2079	rBV4	18933	65602	0.69%	0.081%
20	15.196	2099	2103	2111	rVB	8792	18682	0.20%	0.023%
21	15.614	2171	2174	2180	rVB3	17829	26039	0.27%	0.032%
22	15.784	2191	2203	2209	rBV	395997	670373	7.02%	0.824%
23	15.837	2209	2212	2218	rVB2	29892	51811	0.54%	0.064%
24	15.913	2218	2225	2226	rBV6	9879	17028	0.18%	0.021%
25	16.007	2237	2241	2252	rVB7	12188	32184	0.34%	0.040%
26	16.483	2316	2322	2324	rBV5	22170	38746	0.41%	0.048%
27	17.194	2437	2443	2451	rVV2	14300	27282	0.29%	0.034%
28	17.288	2451	2459	2464	rVV4	25012	66001	0.69%	0.081%
29	17.359	2467	2471	2476	rVB	20422	34563	0.36%	0.042%
30	17.535	2494	2501	2505	rBV	611690	1061051	11.12%	1.304%
31	17.582	2505	2509	2514	rVV	498595	848144	8.88%	1.042%
32	17.635	2514	2518	2531	rVV2	370088	819468	8.58%	1.007%
33	17.729	2531	2534	2543	rVB2	19583	43643	0.46%	0.054%
34	17.940	2557	2570	2580	rBV2	86194	232557	2.44%	0.286%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

35	18.105	2594	2598	2604	rVB2	48996	72623	0.76%	0.089%
36	18.263	2620	2625	2632	rVB9	5034	12644	0.13%	0.016%
37	18.410	2644	2650	2654	rBV	58376	101128	1.06%	0.124%
38	18.457	2654	2658	2667	rVB2	80559	143801	1.51%	0.177%
39	18.540	2667	2672	2677	rVB2	23026	35723	0.37%	0.044%
40	18.604	2677	2683	2688	rBV3	109018	224394	2.35%	0.276%
41	18.710	2695	2701	2705	rBV4	10798	20485	0.21%	0.025%
42	18.757	2705	2709	2713	rBV4	10952	19813	0.21%	0.024%
43	18.904	2729	2734	2738	rBV	33110	53477	0.56%	0.066%
44	18.945	2738	2741	2747	rVB4	15017	25085	0.26%	0.031%
45	19.145	2771	2775	2780	rVV4	19526	29590	0.31%	0.036%
46	19.198	2780	2784	2787	rVV4	12355	17325	0.18%	0.021%
47	19.233	2787	2790	2796	rVB4	13250	20303	0.21%	0.025%
48	19.321	2799	2805	2810	rBV2	37708	74955	0.79%	0.092%
49	19.386	2810	2816	2823	rVB4	21959	55067	0.58%	0.068%
50	19.462	2823	2829	2835	rBV3	30574	63158	0.66%	0.078%
51	19.527	2836	2840	2843	rBV	21356	30872	0.32%	0.038%
52	19.585	2843	2850	2856	rBV	1928271	3040072	31.85%	3.735%
53	19.679	2862	2866	2870	rVB3	31532	48324	0.51%	0.059%
54	19.767	2877	2881	2883	rBV3	15263	23502	0.25%	0.029%
55	19.826	2885	2891	2899	rVB2	74308	157621	1.65%	0.194%
56	19.914	2899	2906	2907	rBV2	861619	1152781	12.08%	1.416%
57	19.944	2907	2911	2918	rVV	1941796	3238403	33.92%	3.978%
58	20.008	2918	2922	2931	rVB	65401	116043	1.22%	0.143%
59	20.120	2935	2941	2945	rBV	73347	120196	1.26%	0.148%
60	20.179	2945	2951	2958	rBV	174350	286674	3.00%	0.352%
61	20.261	2958	2965	2971	rBV5	138535	321874	3.37%	0.395%
62	20.320	2971	2975	2980	rVB	89155	127552	1.34%	0.157%
63	20.426	2981	2993	2999	rBV	417990	959990	10.06%	1.179%
64	20.525	3005	3010	3015	rBV	334088	560539	5.87%	0.689%
65	20.590	3016	3021	3024	rVV2	173950	319668	3.35%	0.393%
66	20.625	3024	3027	3031	rVB	112891	152698	1.60%	0.188%
67	20.725	3039	3044	3048	rBV	179737	280789	2.94%	0.345%
68	20.772	3048	3052	3061	rVB	148562	262462	2.75%	0.322%
69	21.031	3092	3096	3097	rBV4	39603	51582	0.54%	0.063%
70	21.072	3099	3103	3112	rVB2	171275	348306	3.65%	0.428%
71	21.160	3112	3118	3121	rBV4	75089	160046	1.68%	0.197%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
Stop Thrs : 0 Peak Location: TOP

If leading or trailing edge < 100 prefer < Baseline drop else tangent >
Peak separation: 5

Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Title : SVOA CALIBRATION

72	21.201	3121	3125	3132	rVB2	109209	230763	2.42%	0.283%
73	21.395	3149	3158	3162	rBV	419937	885016	9.27%	1.087%
74	21.436	3162	3165	3169	rVB	213132	286990	3.01%	0.353%
75	21.495	3169	3175	3180	rBV3	290550	582798	6.11%	0.716%
76	21.695	3197	3209	3215	rBV2	471991	1042608	10.92%	1.281%
77	21.812	3217	3229	3236	rVV3	2283639	6646157	69.62%	8.165%
78	21.877	3236	3240	3253	rVB	2039809	3999959	41.90%	4.914%
79	22.030	3261	3266	3273	rBV	347030	642116	6.73%	0.789%
80	22.182	3287	3292	3297	rVB	277214	472045	4.94%	0.580%
81	22.247	3297	3303	3310	rVV3	451158	954337	10.00%	1.172%
82	22.312	3310	3314	3325	rVB6	84161	203772	2.13%	0.250%
83	22.576	3351	3359	3365	rVV2	267788	696094	7.29%	0.855%
84	22.652	3367	3372	3379	rVB	174853	378026	3.96%	0.464%
85	22.799	3393	3397	3402	rVB2	108806	205241	2.15%	0.252%
86	22.864	3402	3408	3412	rVV2	196386	459325	4.81%	0.564%
87	22.911	3412	3416	3425	rVB4	285877	661025	6.92%	0.812%
88	23.005	3425	3432	3447	rVB5	156477	485124	5.08%	0.596%
89	23.728	3547	3555	3563	rBV3	188825	582455	6.10%	0.716%
90	24.127	3609	3623	3630	rBV	2429415	9546026	100.00%	11.728%
91	24.374	3658	3665	3675	rVB	342814	878745	9.21%	1.080%
92	24.597	3695	3703	3712	rBV4	120104	423130	4.43%	0.520%
93	24.879	3739	3751	3766	rBV2	1437961	5623653	58.91%	6.909%
94	25.044	3767	3779	3789	rVB	2155945	6999809	73.33%	8.599%
95	25.179	3794	3802	3808	rVV	416349	1257901	13.18%	1.545%
96	25.267	3809	3817	3830	rVB3	762385	2572839	26.95%	3.161%
97	26.289	3979	3991	4000	rBV4	85286	411763	4.31%	0.506%
98	26.612	4040	4046	4057	rVB4	134369	420161	4.40%	0.516%
99	29.068	4445	4464	4482	rVB3	1225164	7387172	77.38%	9.075%
100	30.267	4645	4668	4680	rBV2	904078	5312654	55.65%	6.527%

Sum of corrected areas: 81398442

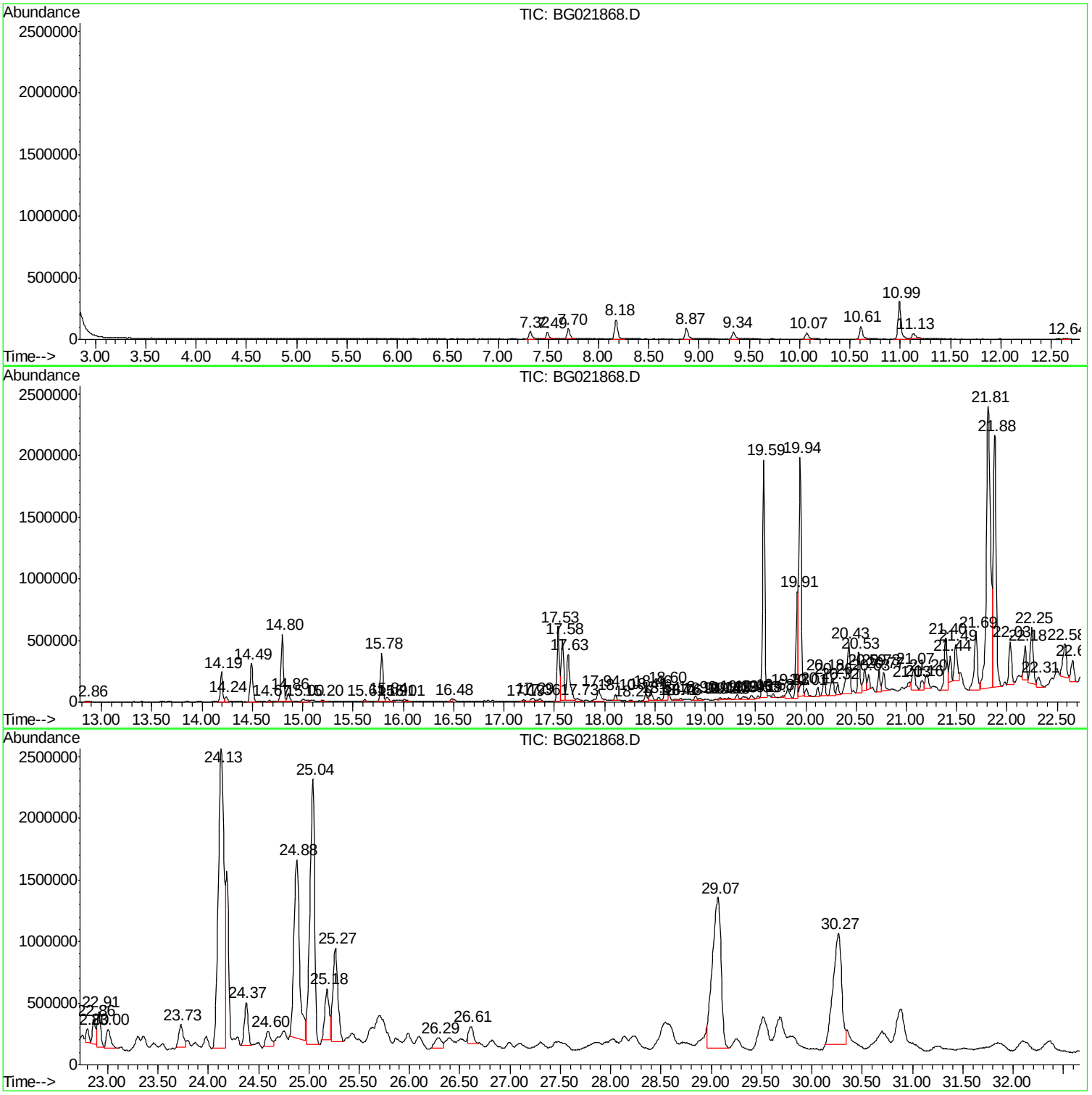
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

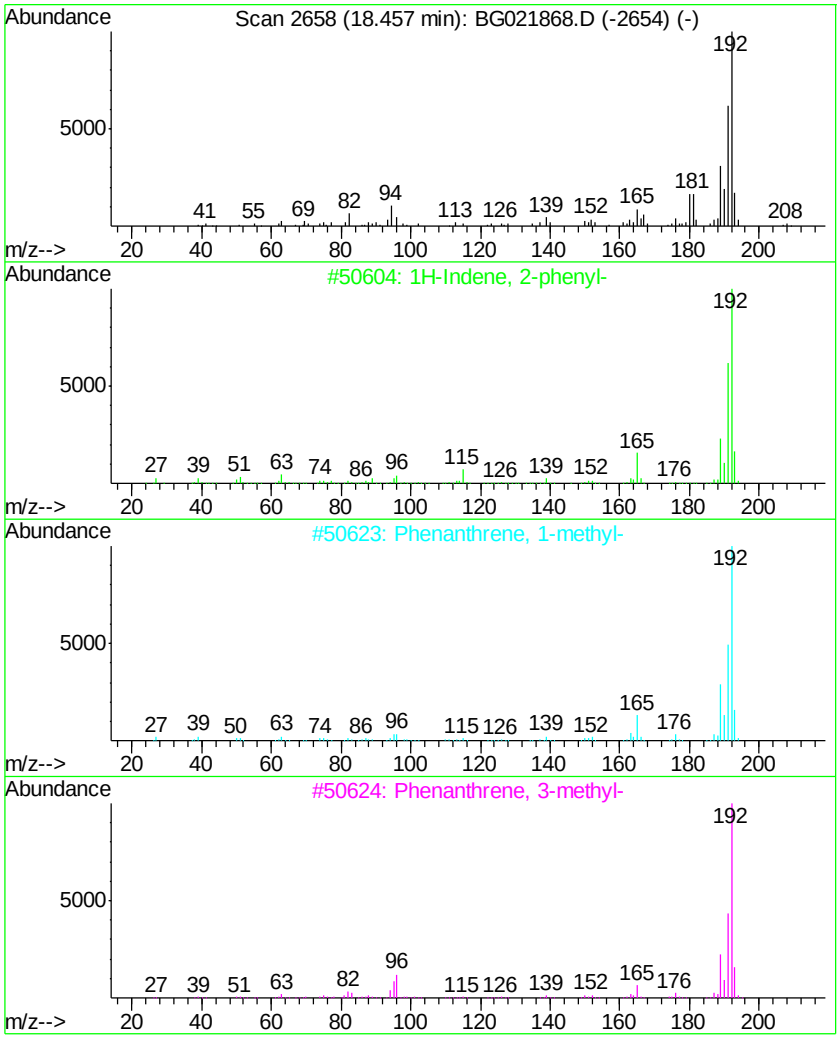
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

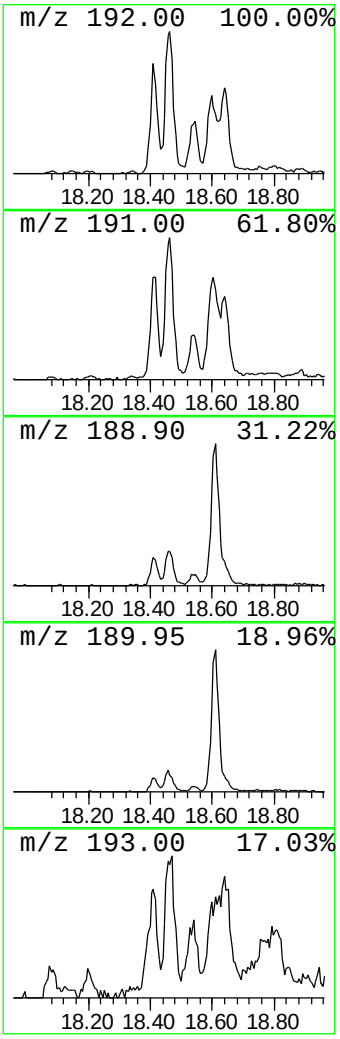
****

Peak Number 1 1H-Indene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.46	2.71 ng/ul	143801	Phenanthrene-d10	17.53

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	86
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	76
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	76
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	76





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

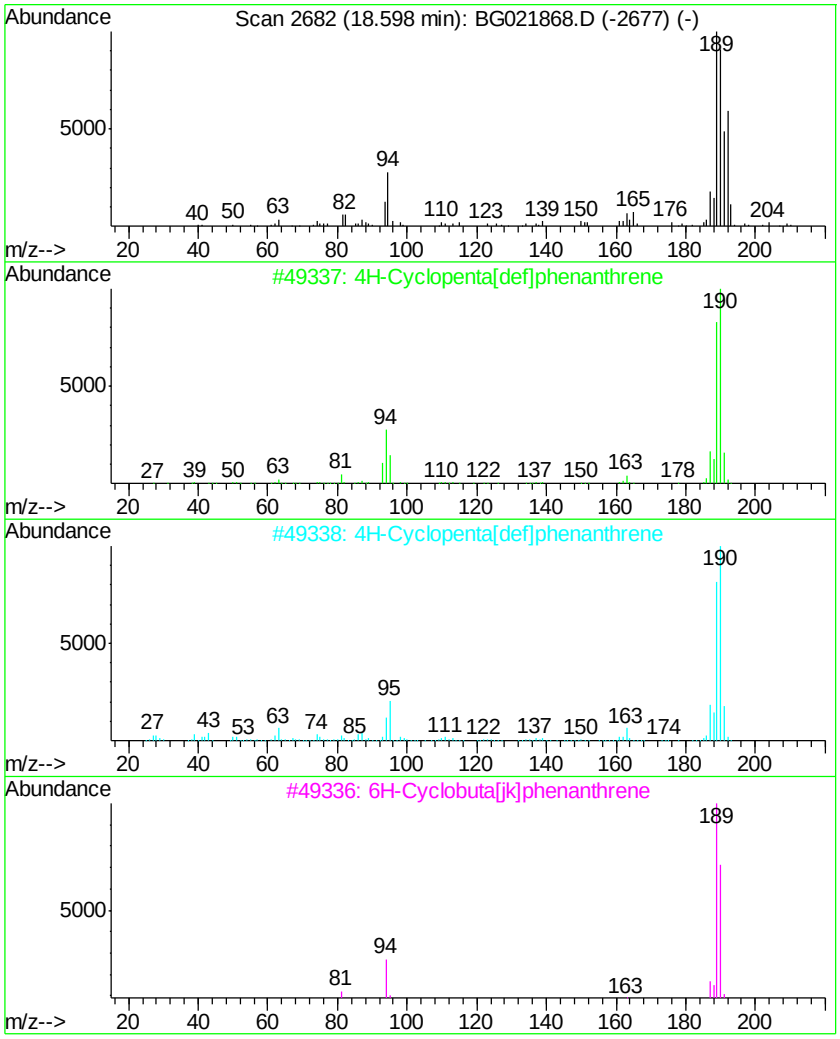
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

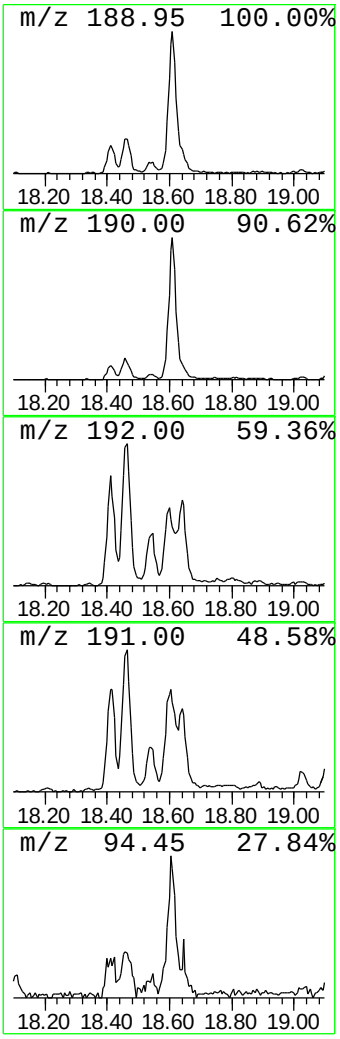
****

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.60	4.23 ng/ul	224394	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	64
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

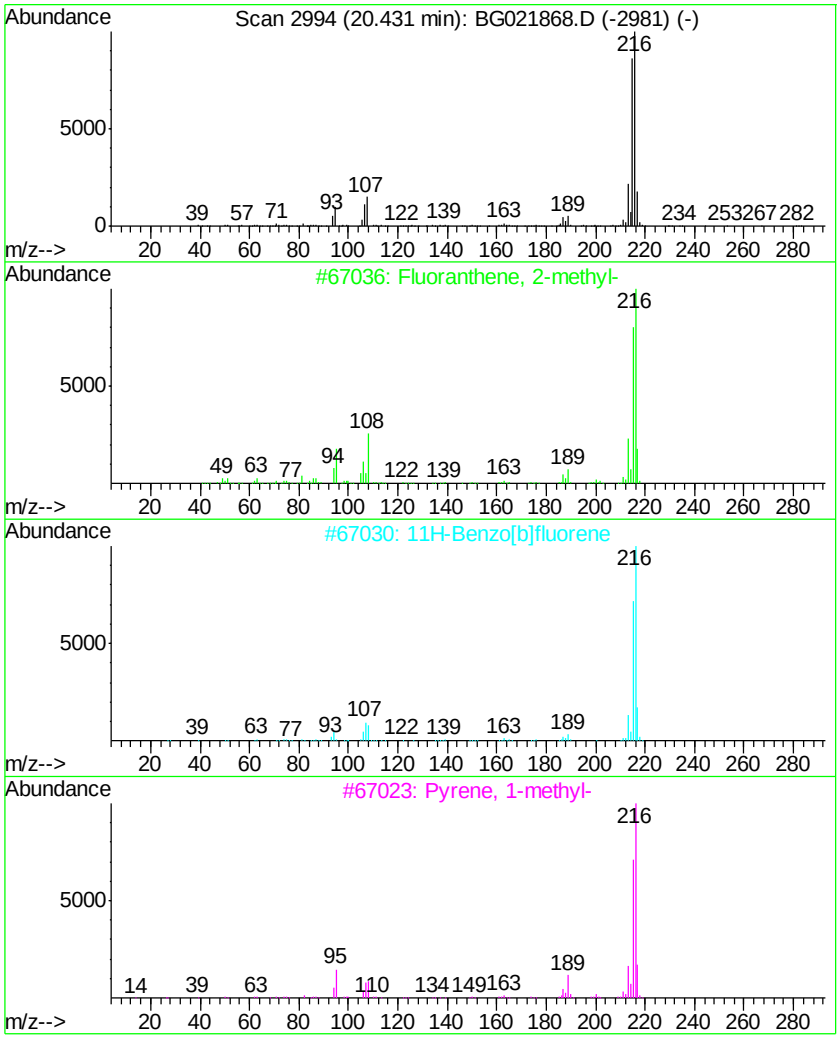
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

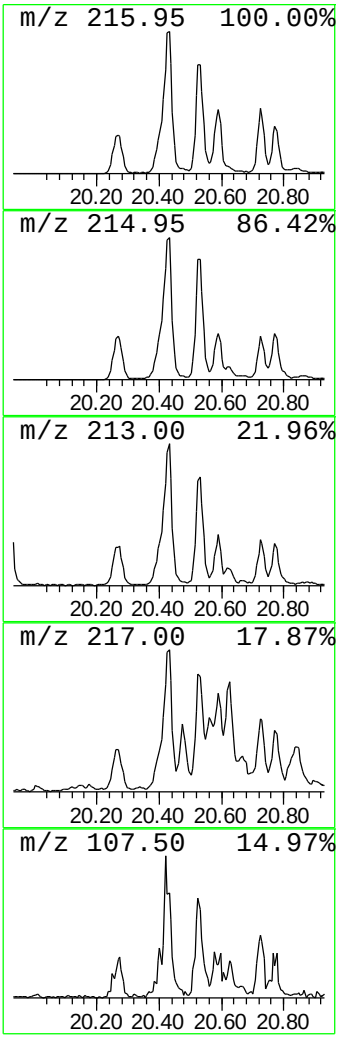
****

Peak Number 3 Fluoranthene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.43	2.89 ng/ul	959990	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

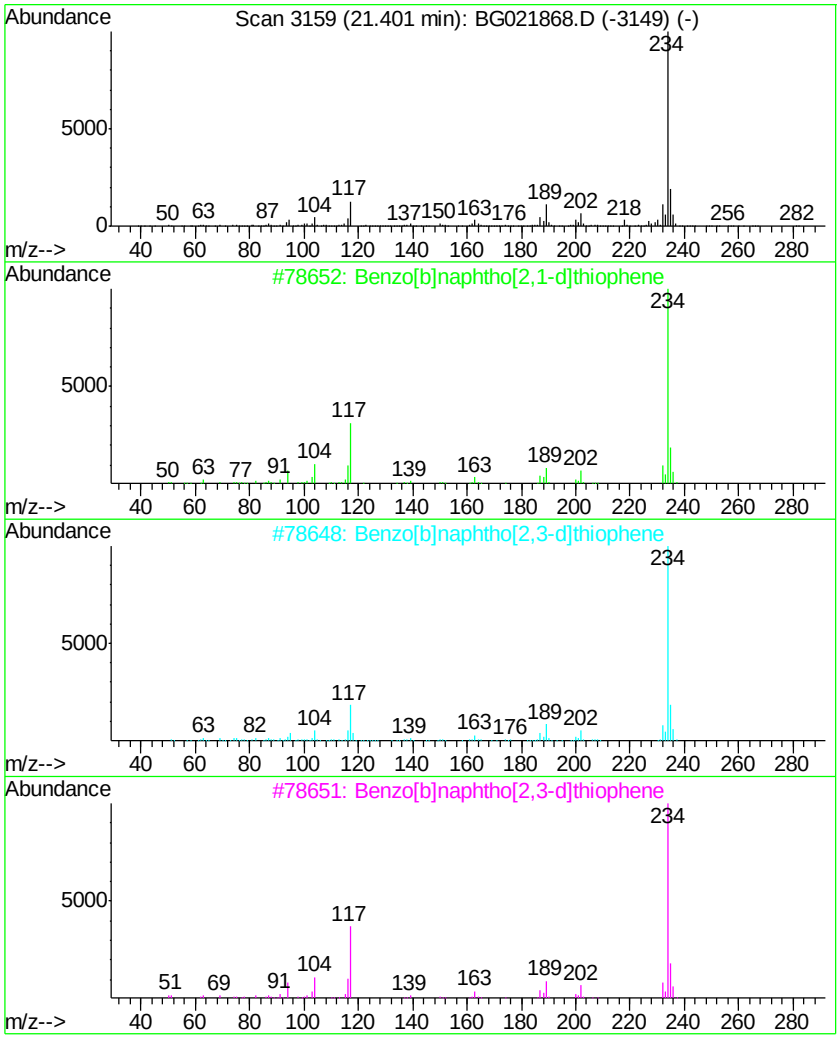
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

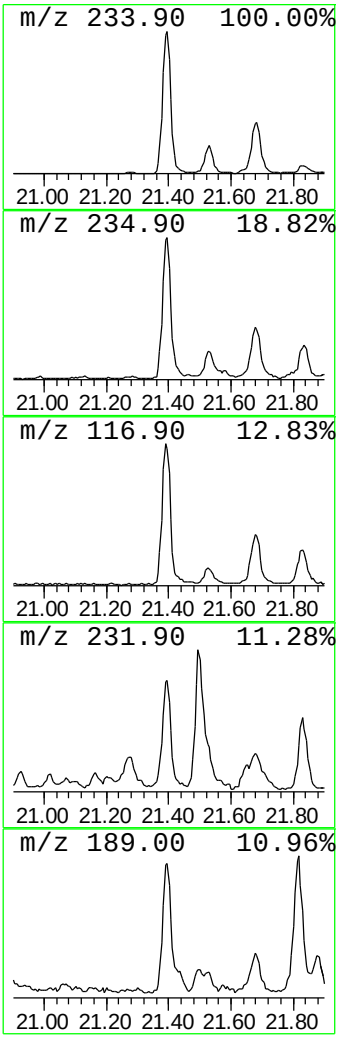
****

Peak Number 4 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.40	2.66 ng/ul	885016	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	97
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	96
4	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
5	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

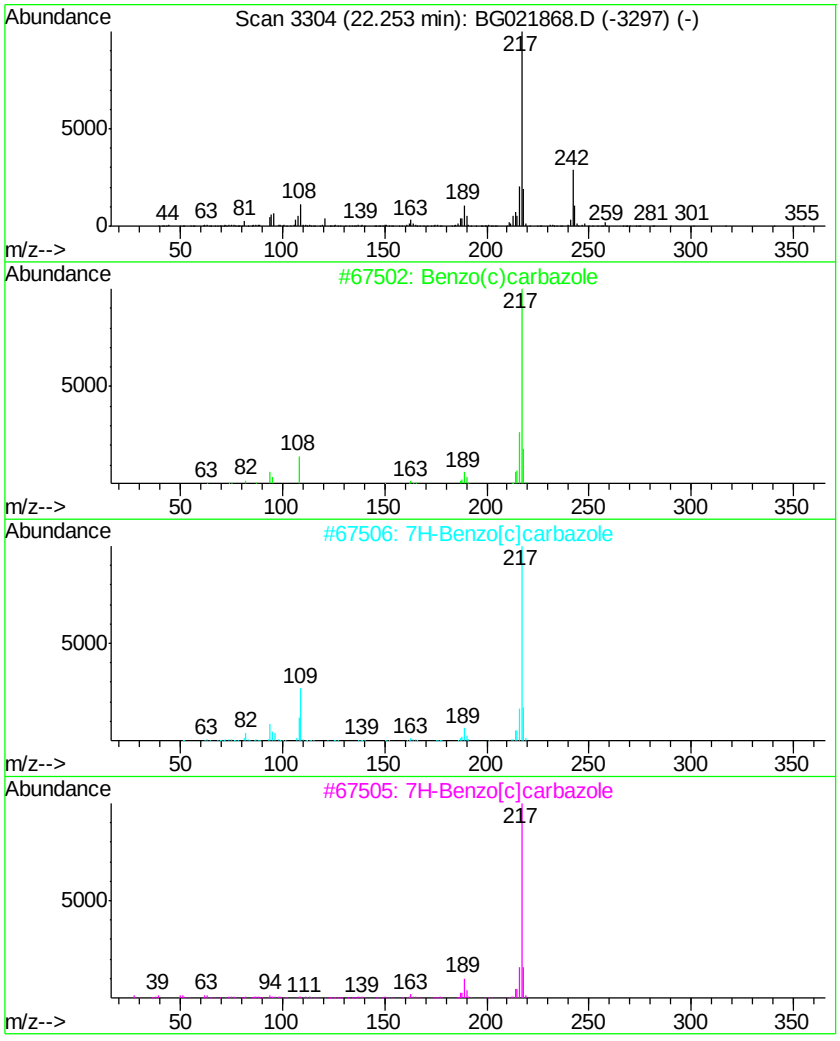
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

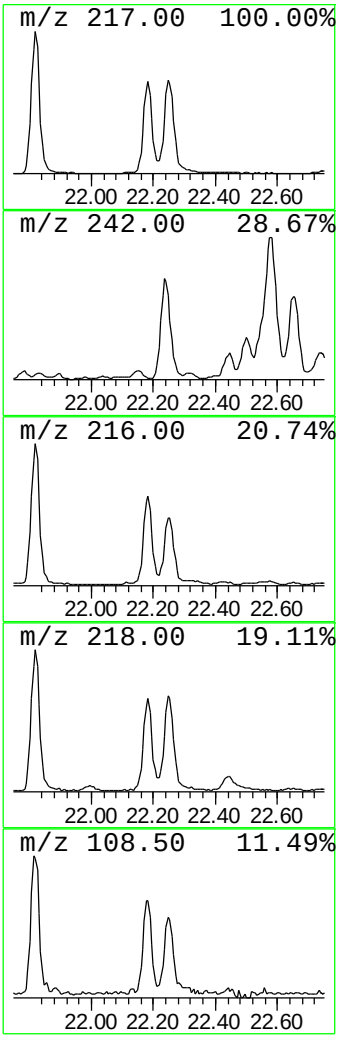
****

Peak Number 5 Benzo(c)carbazole Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.25	2.87 ng/ul	954337	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(c)carbazole	217	C16H11N	034777-33-8	93
2	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	70
3	7H-Benzo[c]carbazole	217	C16H11N	000205-25-4	64
4	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64
5	11H-Benzo[a]carbazole	217	C16H11N	000239-01-0	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

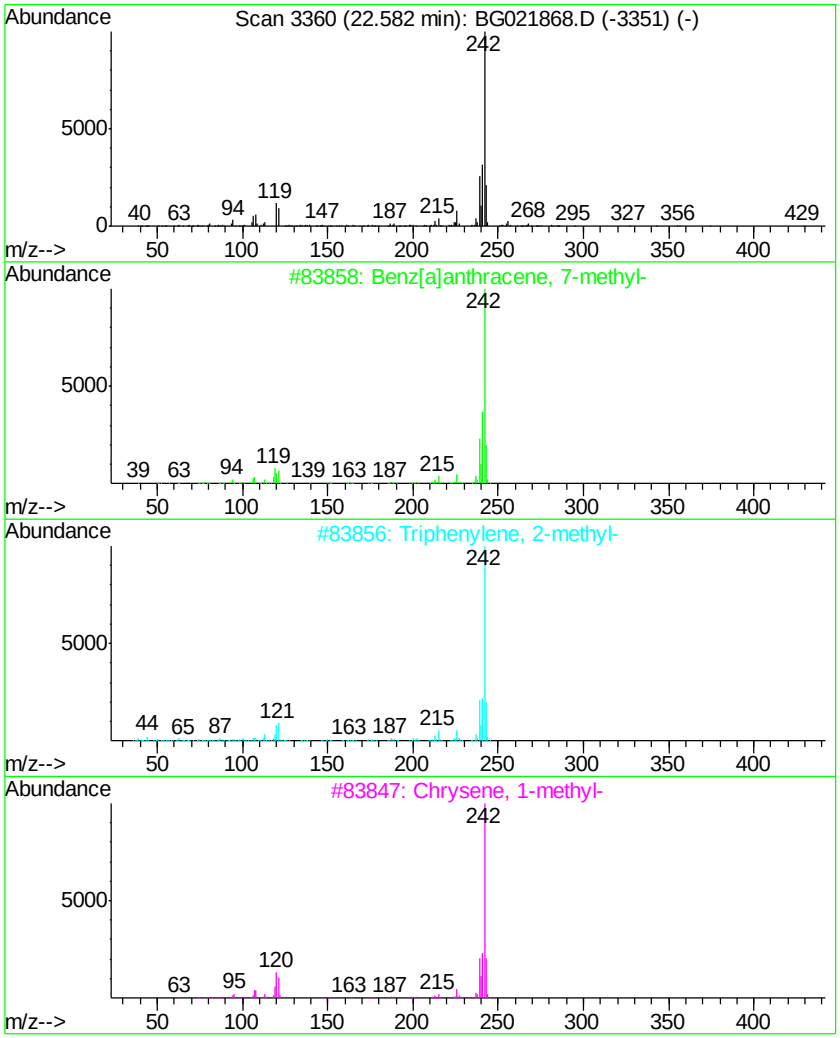
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

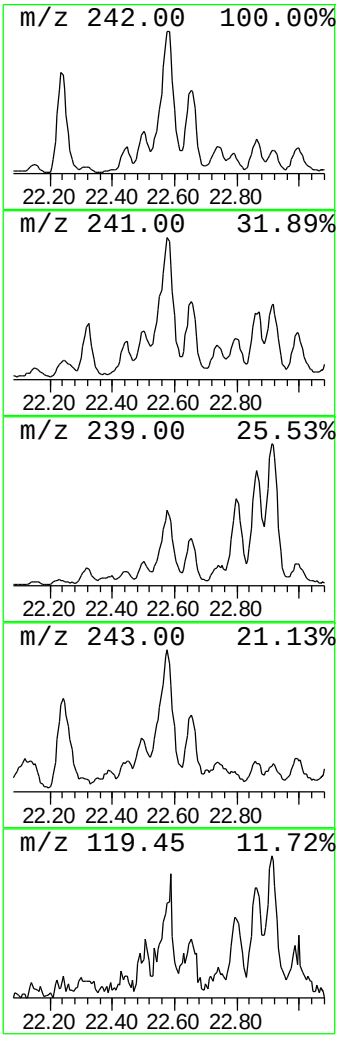
****

Peak Number 6 Benz[a]anthracene, 7-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.58	2.09 ng/ul	696094	Chrysene-d12	21.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	96
2	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	95
3	Chrysene, 1-methyl-	242	C19H14	003351-28-8	94
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

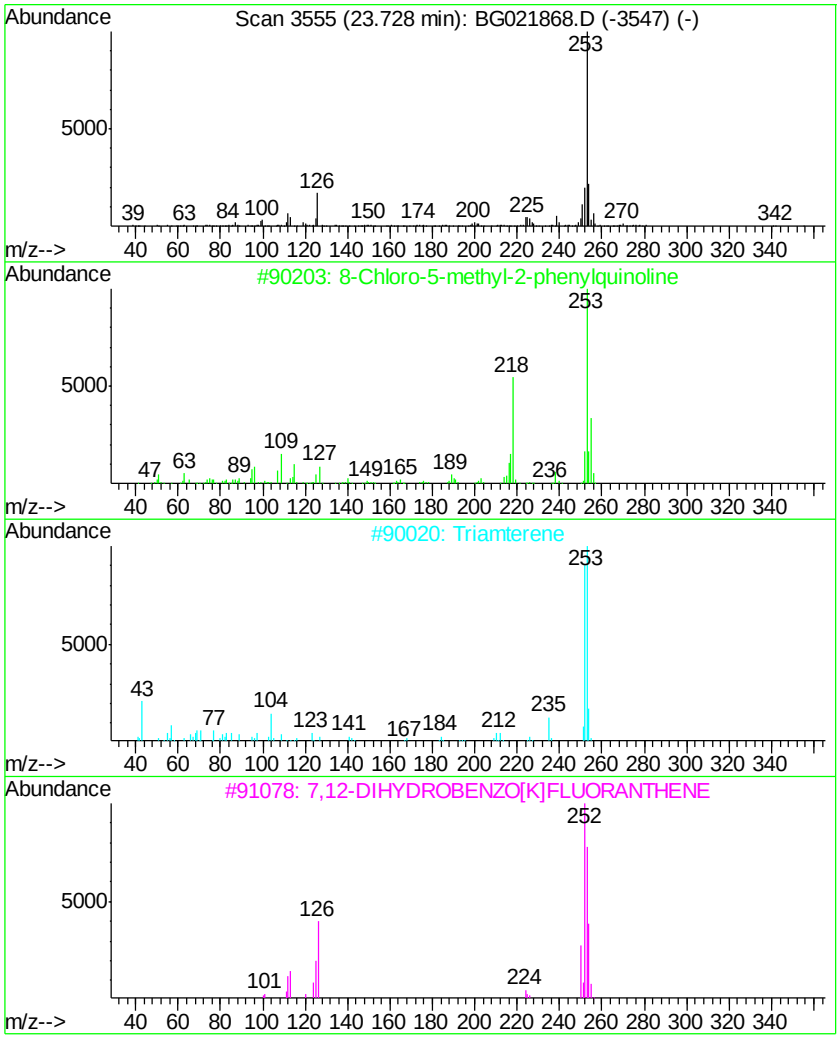
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

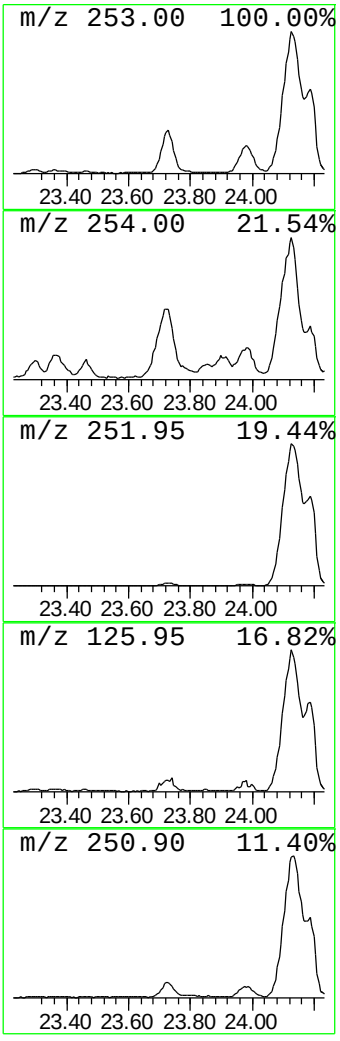
****

Peak Number 7 8-Chloro-5-methyl-2-phenylq... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.73	9.26 ng/ul	582455	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Chloro-5-methyl-2-phenylquinoline	253	C16H12ClN	025413-16-5	64
2	Triamterene	253	C12H11N7	000396-01-0	52
3	7,12-DIHYDROBENZO[K]FLUORANTHENE	254	C20H14	1000080-17-7	50
4	2,5-Cyclohexadien-1-one, 2,5-dim...	253	C17H19NO	054245-93-1	45
5	2(1H)-Quinolinone, 3-hydroxy-4-(...	253	C15H11NO3	014484-44-7	42





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

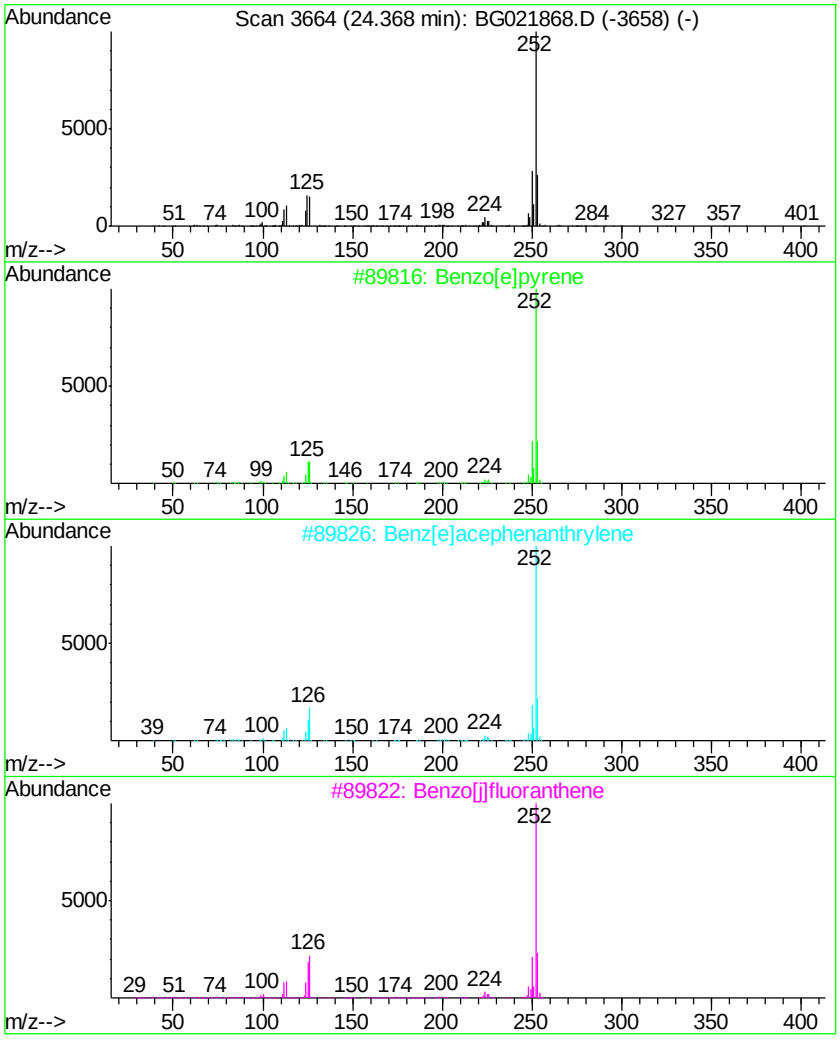
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

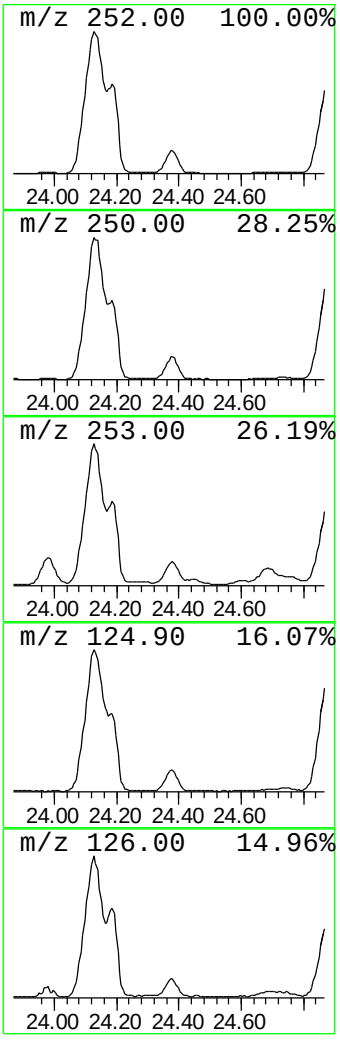
****

Peak Number 8 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.37	13.97 ng/ul	878745	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	94
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94
3	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	93





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

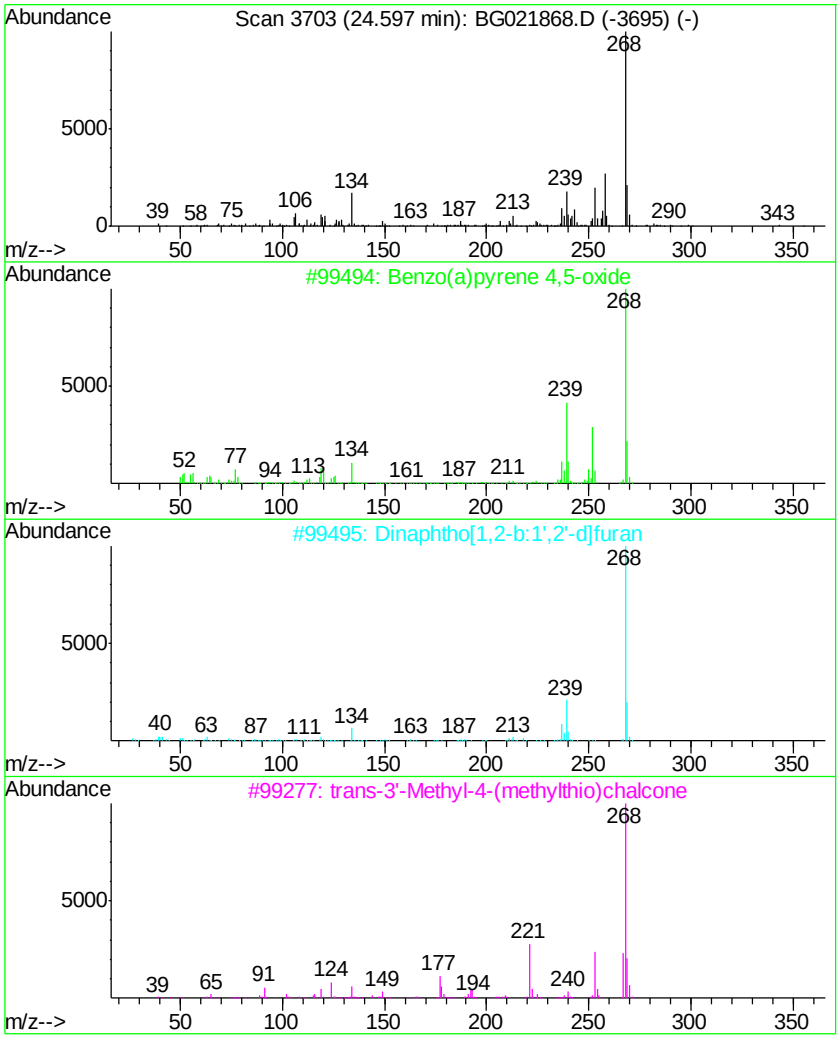
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

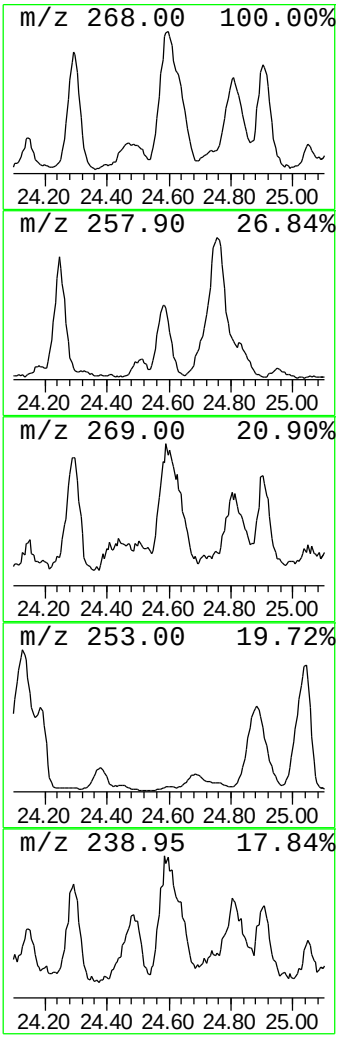
****

Peak Number 9 Benzo(a)pyrene 4,5-oxide Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.60	6.73 ng/ul	423130	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo(a)pyrene 4,5-oxide	268	C20H12O	037574-47-3	76
2	Dinaphtho[1,2-b:1',2'-d]furan	268	C20H12O	000207-93-2	70
3	trans-3'-Methyl-4-(methylthio)ch...	268	C17H16OS	131316-14-8	64
4	trans-4'-Methyl-4-(methylthio)ch...	268	C17H16OS	126443-27-4	64
5	Dinaphtho[2,1-b:1',2'-d]furan	268	C20H12O	000194-63-8	58





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

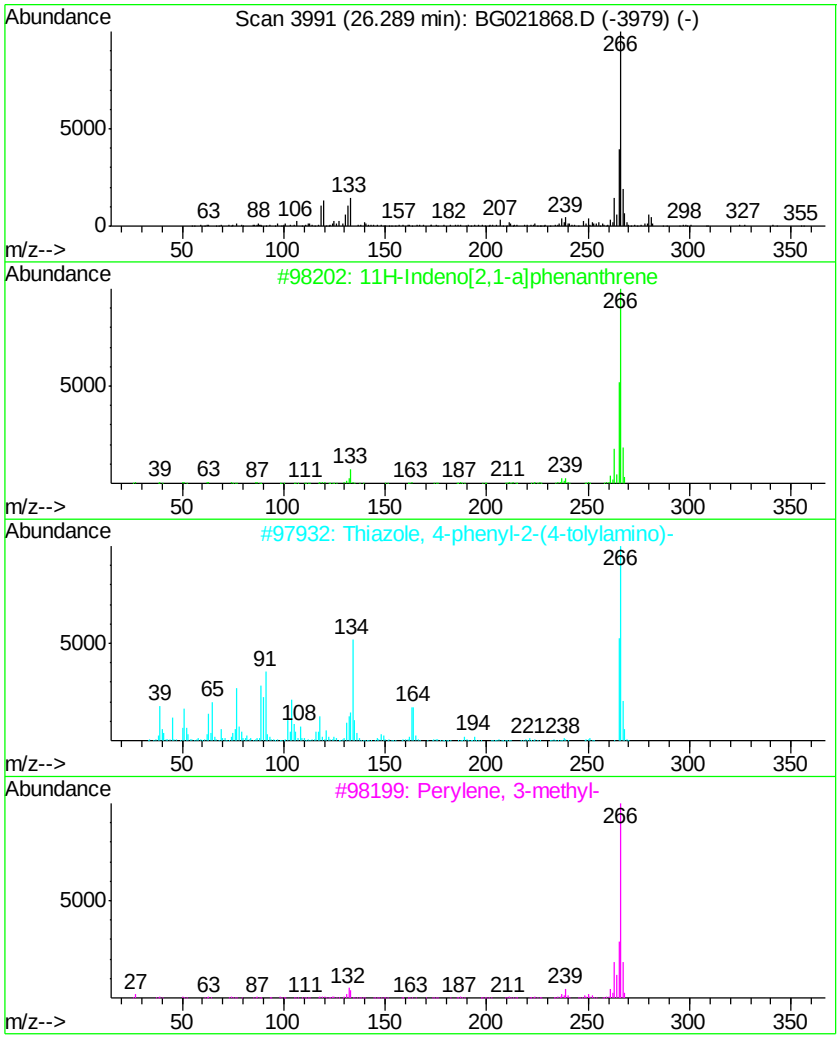
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

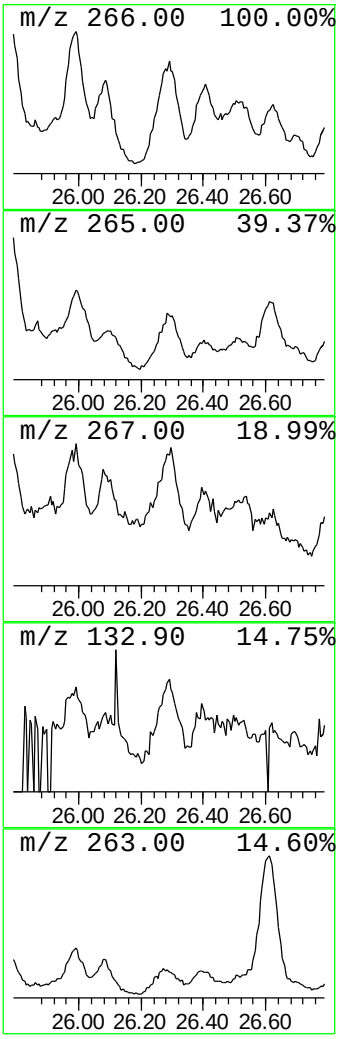
****

Peak Number 12 11H-Indeno[2,1-a]phenanthrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.29	6.55 ng/ul	411763	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Indeno[2,1-a]phenanthrene	266	C21H14	000220-97-3	93
2	Thiazole, 4-phenyl-2-(4-tolylami...	266	C16H14N2S	016098-04-7	81
3	Perylene, 3-methyl-	266	C21H14	024471-47-4	81
4	6-Ethylphenazine-1-carboxylic ac...	266	C16H14N2O2	261351-38-6	64
5	Imidazole, 1-(9-borabicyclo[3.3....	266	C17H23BN2	1000162-57-9	64





Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

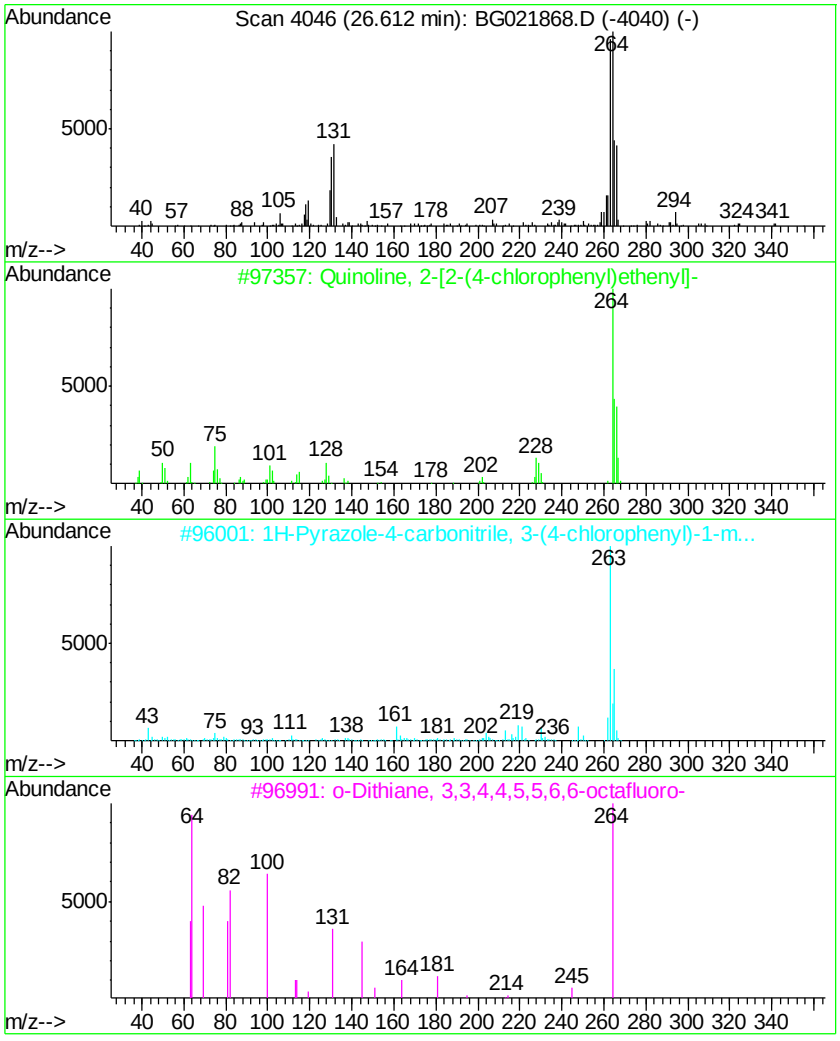
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

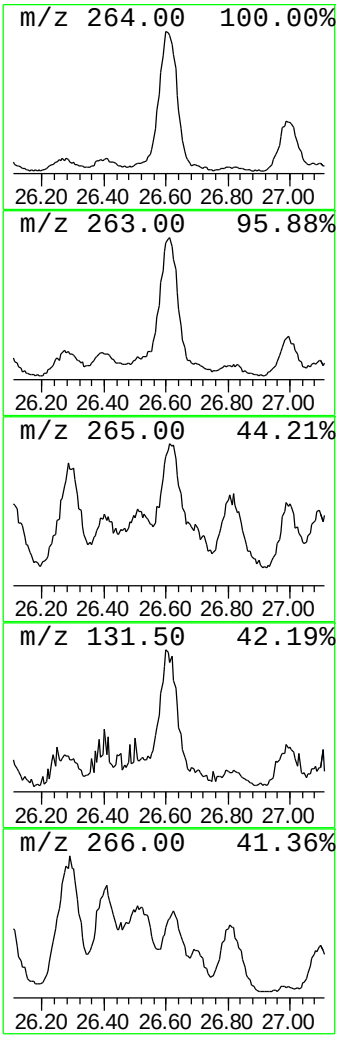
****

Peak Number 13 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.61	6.68 ng/ul	420161	Perylene-d12	25.18

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quinoline, 2-[2-(4-chlorophenyl)...	265	C17H12ClN	005392-19-8	38
2	1H-Pyrazole-4-carbonitrile, 3-(4...	263	C12H10ClN3S	068364-67-0	30
3	o-Dithiane, 3,3,4,4,5,5,6,6-octa...	264	C4F8S2	024345-57-1	22
4	10H-Phenothiazine, 2-chloro-7-me...	263	C13H10ClNOS	001730-44-5	17
5	4-Benzylidene-1-phenyl-3,5-dioxo...	264	C16H12N2O2	015083-26-8	16





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG051216\
Data File : BG021868.D
Acq On : 12 May 2016 14:34
Operator : UM/SJ
Sample : H2936-09 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : D9WJ8

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG050916.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
1H-Indene, 2-phenyl-	18.46	2.7	ng/ul	143801	4	17.53	1061050	20.0
4H-Cyclopenta[def...	18.60	4.2	ng/ul	224394	4	17.53	1061050	20.0
Fluoranthene, 2-m...	20.43	2.9	ng/ul	959990	5	21.83	6646160	20.0
Benzo[b]naphtho[2...	21.40	2.7	ng/ul	885016	5	21.83	6646160	20.0
Benzo(c)carbazole	22.25	2.9	ng/ul	954337	5	21.83	6646160	20.0
Benz[a]anthracene...	22.58	2.1	ng/ul	696094	5	21.83	6646160	20.0
8-Chloro-5-methyl...	23.73	9.3	ng/ul	582455	6	25.18	1257900	20.0
Benzo[e]pyrene	24.37	14.0	ng/ul	878745	6	25.18	1257900	20.0
Benzo(a)pyrene 4,...	24.60	6.7	ng/ul	423130	6	25.18	1257900	20.0
11H-Indeno[2,1-a]...	26.29	6.5	ng/ul	411763	6	25.18	1257900	20.0
unknown-01	26.61	6.7	ng/ul	420161	6	25.18	1257900	20.0