LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

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-BG111615.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.086	36	42	50	rBV	43054	77888	2.62%	0.235%
2	3.163	50	55	77	rVB	680172	1010841	33.98%	3.045%
3	7.293	752	758	769	rVB2	40406	70093	2.36%	0.211%
4	7.675	817	823	829	rBV	38317	60886	2.05%	0.183%
5	8.151	898	904	912	rVB	93907	155601	5.23%	0.469%
6	8.850	1018	1023	1031	rVV2	51954	87684	2.95%	0.264%
7	9.320	1097	1103	1110	rBV	42314	70377	2.37%	0.212%
8	10.049	1221	1227	1234	rBV2	33811	59243	1.99%	0.178%
9	10.589	1312	1319	1328	rVB	56079	95883	3.22%	0.289%
10	10.977	1377	1385	1390	rBV	139345	245790	8.26%	0.740%
11	11.030	1390	1394	1401	rVV	36112	61409	2.06%	0.185%
12	11.112	1401	1408	1419	rVB2	37165	74276	2.50%	0.224%
13	14.179	1923	1930	1933	rVV	118424	174616	5.87%	0.526%
14	14.226	1933	1938	1944	rVB	88916	138994	4.67%	0.419%
15	14.479	1973	1981	1985	rBV	115097	193852	6.52%	0.584%
16	14.784	2027	2033	2039	rVB2	260171	407687	13.71%	1.228%
17	14.843	2039	2043	2050	rVB	110365	178214	5.99%	0.537%
18	14.967	2058	2064	2077	rBV3	50447	94345	3.17%	0.284%
19	15.178	2093	2100	2106	rVB2	57757	93708	3.15%	0.282%
20	15.772	2195	2201	2205	rVV	166696	255271	8.58%	0.769%
21	15.824	2205	2210	2216	rVV3	129075	219548	7.38%	0.661%
22	16.112	2254	2259	2266	rVB	71738	117302	3.94%	0.353%
23	16.259	2274	2284	2292	rBV3	92918	206762	6.95%	0.623%
24	16.488	2314	2323	2329	rVB5	31348	60431	2.03%	0.182%
25	16.823	2371	2380	2385	rVV2	73279	145984	4.91%	0.440%
26	16.970	2400	2405	2410	rVB2	38095	59550	2.00%	0.179%
27	17.047	2410	2418	2422	rBV4	59438	111139	3.74%	0.335%
28	17.176	2436	2440	2446	rVB4	35043	61288	2.06%	0.185%
29	17.246	2446	2452	2458	rVV3	62008	115513	3.88%	0.348%
30	17.340	2463	2468	2476	rVB	103471	174425	5.86%	0.525%
31	17.522	2493	2499	2502	rBV	378582	581476	19.55%	1.752%
32	17.569	2502	2507	2512	rVV	962209	1461541	49.14%	4.402%
33	17.622	2512	2516	2519	rVV	195646	305977	10.29%	0.922%
34	17.658	2519	2522	2526	rVV	286702	391325	13.16%	1.179%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

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-BG111615.M
Title : SVOA CALIBRATION

35	17.705	2526	2530	2536	rVB4	32672	70882	2.38%	0.214%
36	18.034	2582	2586	2593	rBV	41809	59219	1.99%	0.178%
37	18.239	2614	2621	2630	rVB5	23628	63180	2.12%	0.190%
38	18.398	2642	2648	2651	rBV	161573	251708	8.46%	0.758%
39	18.445	2651	2656	2662	rVB	214798	324563	10.91%	0.978%
40	18.521	2662	2669	2675	rBV	151034	233436	7.85%	0.703%
41	18.592	2675	2681	2685	rBV2	334964	604764	20.33%	1.822%
42	18.886	2726	2731	2736	rVB	169422	238346	8.01%	0.718%
43	19.126	2768	2772	2777	rBV3	41453	60206	2.02%	0.181%
44	19.215	2784	2787	2791	rVB	40101	54280	1.82%	0.164%
45	19.291	2795	2800	2806	rBV	118004	234852	7.90%	0.707%
46	19.367	2807	2813	2815	rBV3	64350	100044	3.36%	0.301%
47	19.438	2821	2825	2828	rBV2	33539	54047	1.82%	0.163%
48	19.567	2840	2847	2853	rBV	2065828	2974380	100.00%	8.959%
49	19.655	2859	2862	2866	rVB3	45061	60894	2.05%	0.183%
50	19.714	2866	2872	2876	rBV	219869	313564	10.54%	0.945%
51	19.808	2881	2888	2897	rVB3	79624	178917	6.02%	0.539%
52	19.896	2897	2903	2905	rBV2	536501	913741	30.72%	2.752%
53	19.931	2905	2909	2915	rVV	1542831	2292307	77.07%	6.905%
54	19.990	2915	2919	2926	rVB3	121582	206415	6.94%	0.622%
55	20.096	2926	2937	2942	rBV	148073	254106	8.54%	0.765%
56	20.155	2942	2947	2954	rVB4	25533	58038	1.95%	0.175%
57	20.237	2955	2961	2968	rBV4	142452	352904	11.86%	1.063%
58	20.407	2978	2990	2995	rVV	389942	788152	26.50%	2.374%
59	20.507	2998	3007	3011	rVV	410888	638924	21.48%	1.925%
60	20.566	3011	3017	3021	rVV3	182671	401857	13.51%	1.210%
61	20.601	3021	3023	3027	rVV3	47455	62687	2.11%	0.189%
62	20.666	3027	3034	3038	rVV2	126438	263900	8.87%	0.795%
63	20.707	3038	3041	3045	rVV	107792	175129	5.89%	0.528%
64	20.754	3045	3049	3060	rVB3	126368	256786	8.63%	0.773%
65	20.842	3060	3064	3071	rBV6	23045	53757	1.81%	0.162%
66	21.001	3087	3091	3094	rVV4	53262	84478	2.84%	0.254%
67	21.036	3094	3097	3101	rVB2	61780	80598	2.71%	0.243%
68	21.124	3107	3112	3118	rBV3	71493	143861	4.84%	0.433%
69	21.177	3118	3121	3128	rVB5	48712	96193	3.23%	0.290%
70	21.365	3149	3153	3156	rBV	81831	126275	4.25%	0.380%
71	21.406	3156	3160	3164	rVB	140933	212950	7.16%	0.641%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

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-BG111615.M
Title : SVOA CALIBRATION

72	21.459	3164	3169	3174	rBV2	114542	180997	6.09%	0.545%
73	21.653	3193	3202	3208	rBV2	49447	150203	5.05%	0.452%
74	21.776	3217	3223	3230	rVV2	1021325	2603336	87.53%	7.842%
75	21.841	3230	3234	3247	rVB	690021	1205032	40.51%	3.630%
76	22.000	3256	3261	3267	rBV	131149	221622	7.45%	0.668%
77	22.070	3268	3273	3277	rVB4	27927	53136	1.79%	0.160%
78	22.205	3291	3296	3305	rBV3	84459	182416	6.13%	0.549%
79	22.464	3335	3340	3343	rVV3	35799	66608	2.24%	0.201%
80	22.540	3345	3353	3359	rVV	143549	369477	12.42%	1.113%
81	22.616	3361	3366	3372	rVB2	66163	128934	4.33%	0.388%
82	22.757	3386	3390	3396	rVB2	72233	122291	4.11%	0.368%
83	22.822	3396	3401	3405	rVV2	64658	134970	4.54%	0.407%
84	22.869	3405	3409	3418	rVB4	101317	217753	7.32%	0.656%
85	22.963	3420	3425	3439	rVB6	55309	153649	5.17%	0.463%
86	23.674	3540	3546	3552	rBV2	33486	74494	2.50%	0.224%
87	24.062	3602	3612	3619	rBV2	398457	1399587	47.05%	4.216%
88	24.314	3648	3655	3664	rBV	114188	299515	10.07%	0.902%
89	24.526	3686	3691	3695	rBV5	30380	69916	2.35%	0.211%
90	24.808	3730	3739	3746	rBV	197250	561819	18.89%	1.692%
91	24.878	3746	3751	3757	rVV	94091	251860	8.47%	0.759%
92	24.961	3757	3765	3777	rVB	403411	1139345	38.31%	3.432%
93	25.114	3780	3791	3799	rBV2	266349	841126	28.28%	2.534%
94	25.190	3799	3804	3818	rVB3	121077	356964	12.00%	1.075%
95	26.535	4026	4033	4041	rBV3	27724	81471	2.74%	0.245%
96	28.915	4424	4438	4455	rVB4	146577	721772	24.27%	2.174%
97	29.391	4501	4519	4521	rBV4	43501	138258	4.65%	0.416%
98	29.567	4537	4549	4551	rBV4	29889	92984	3.13%	0.280%
99	30.102	4626	4640	4641	rBV	87646	234597	7.89%	0.707%
100	30.742	4737	4749	4762	rBV4	41951	184823	6.21%	0.557%

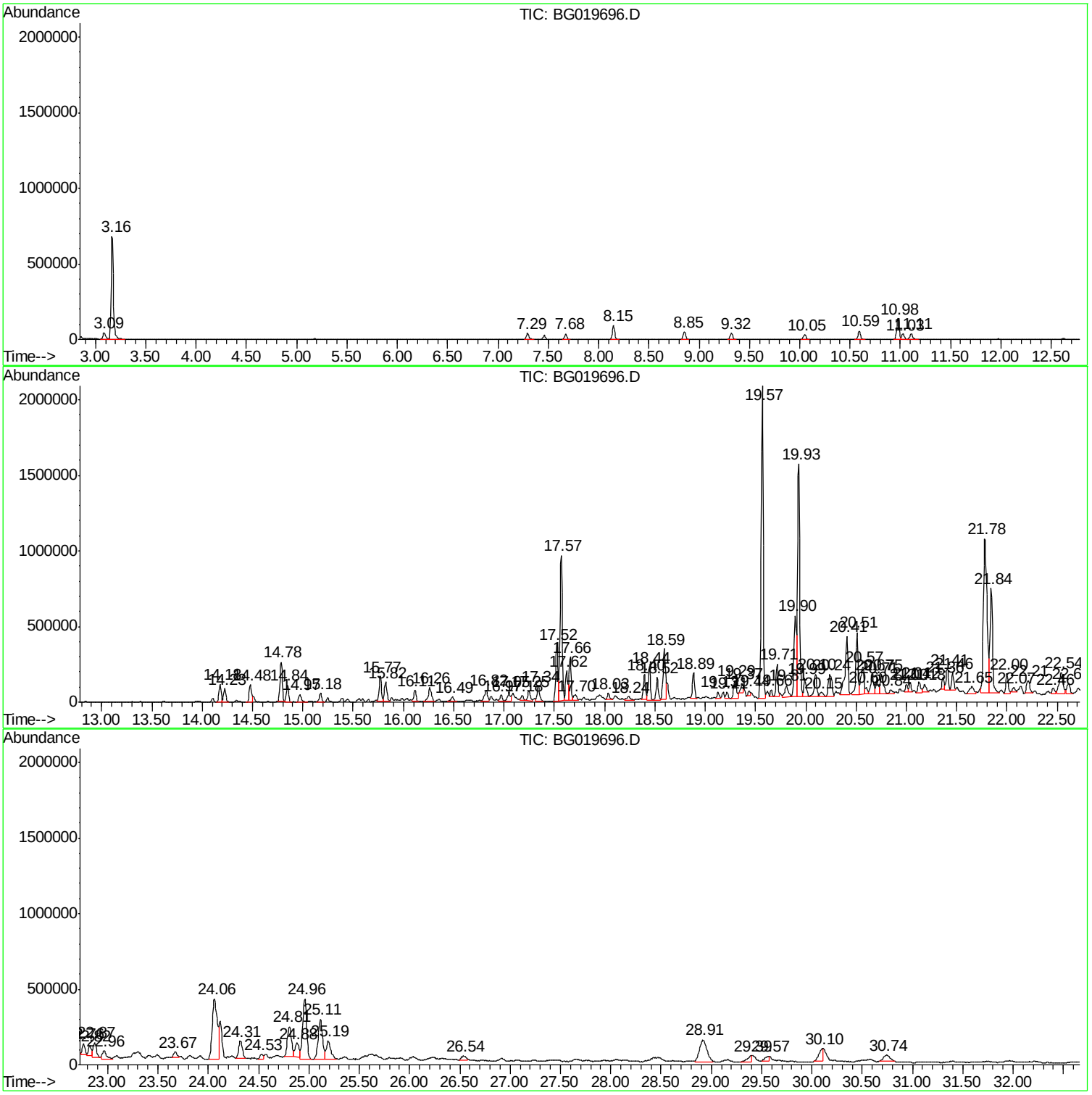
Sum of corrected areas: 33198214

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

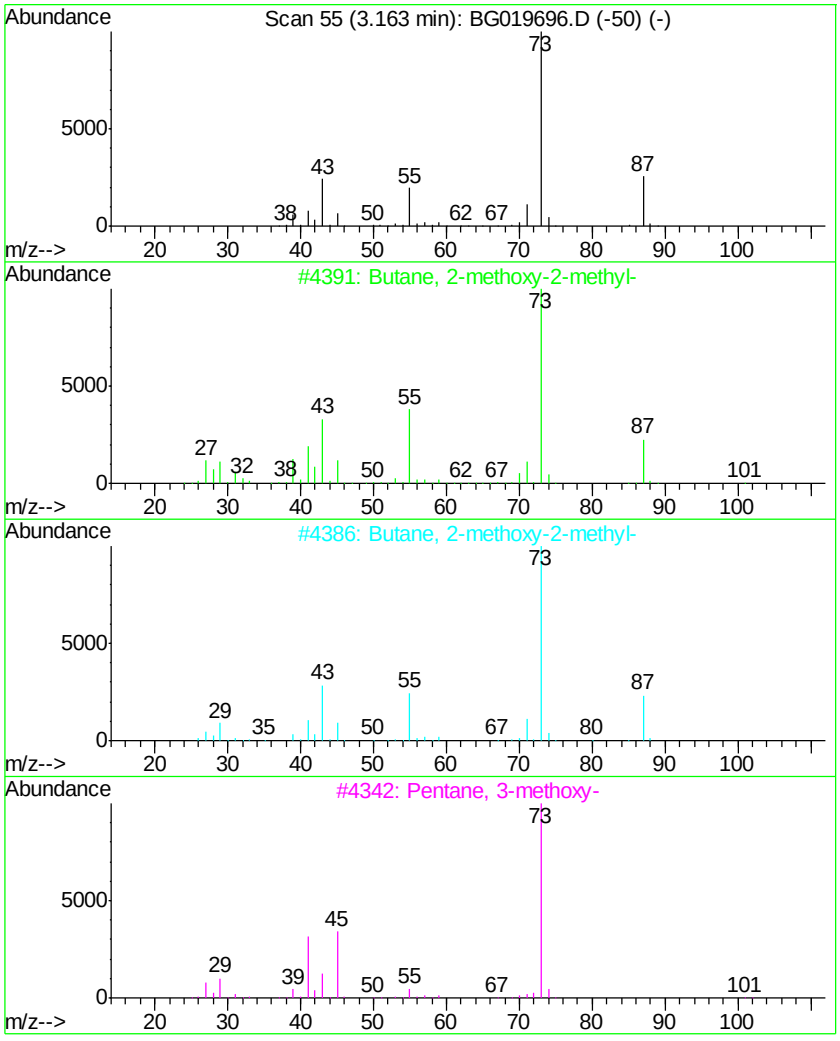
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

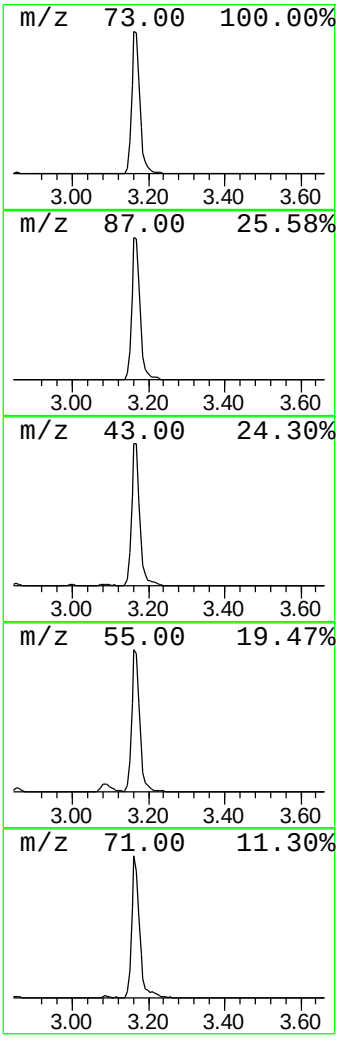
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.16	129.93 ng/ul	1010840	1,4-Dichlorobenzene-d4	8.15

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

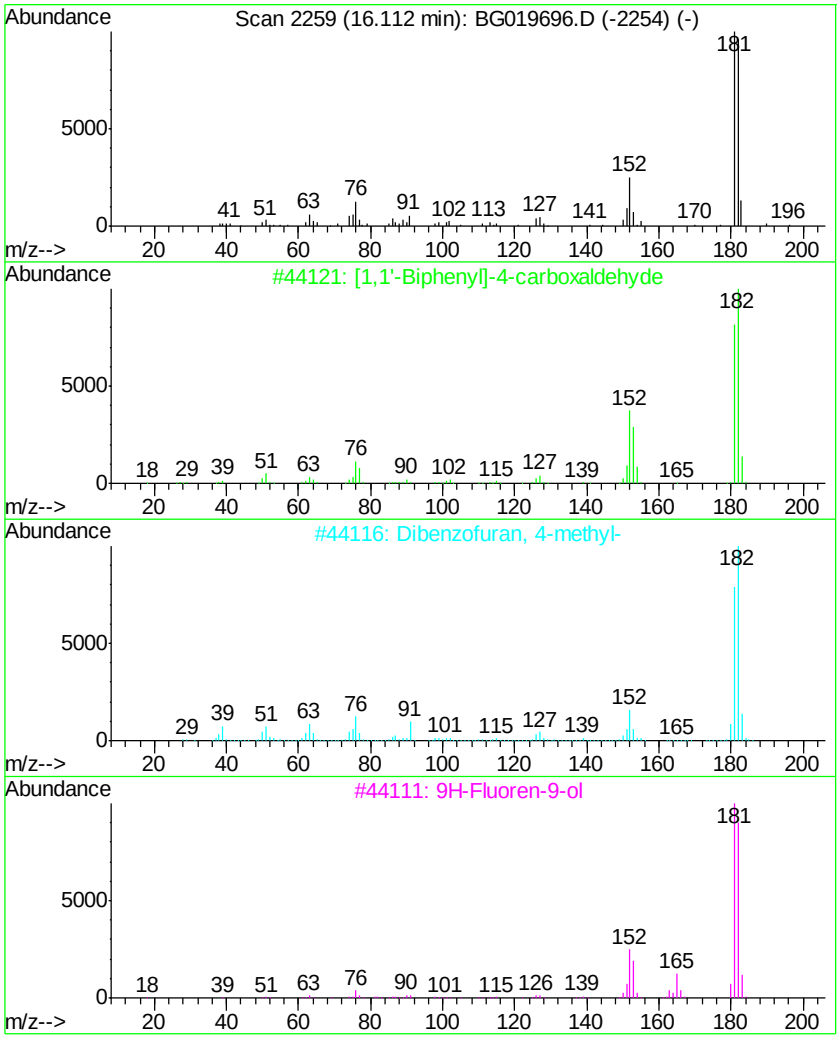
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

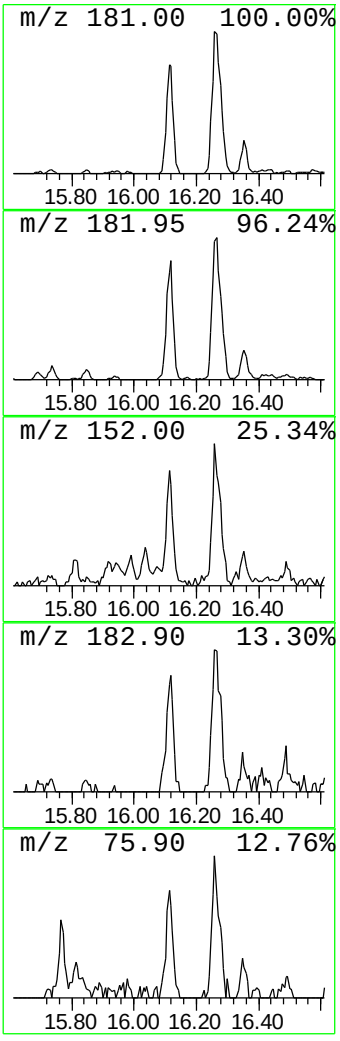
****

Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.11	5.75 ng/ul	117302	Acenaphthene-d10	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	93
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	83
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	80





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

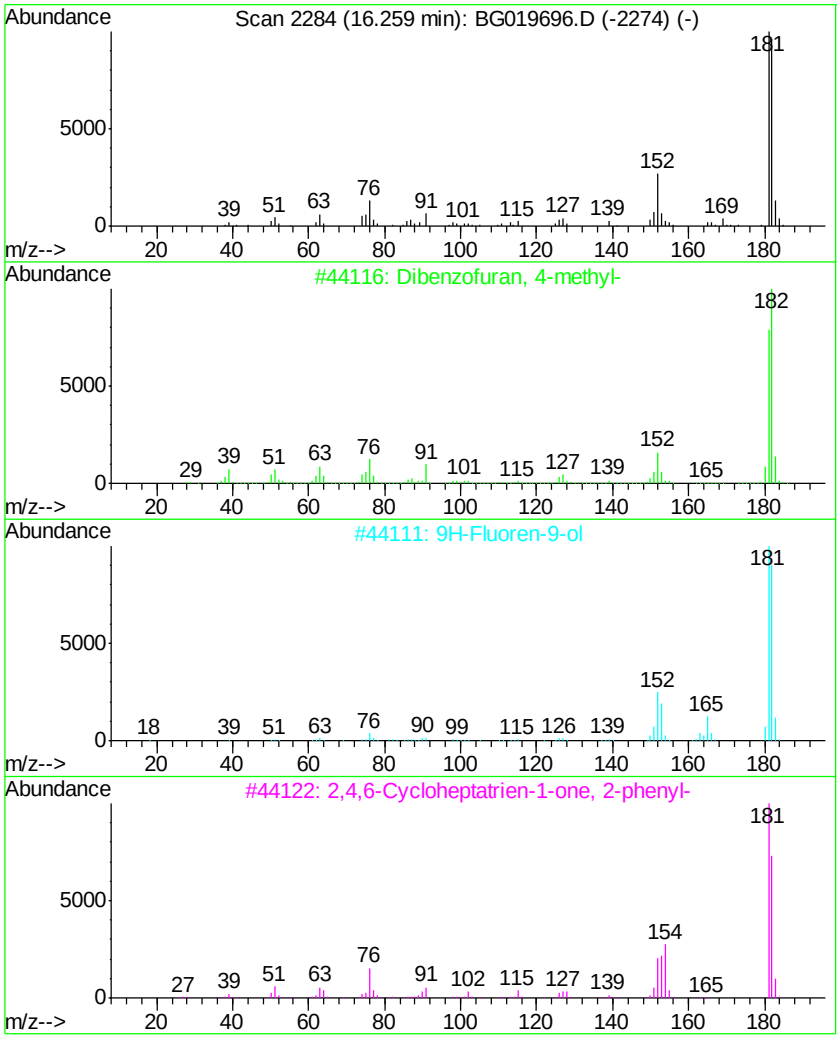
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

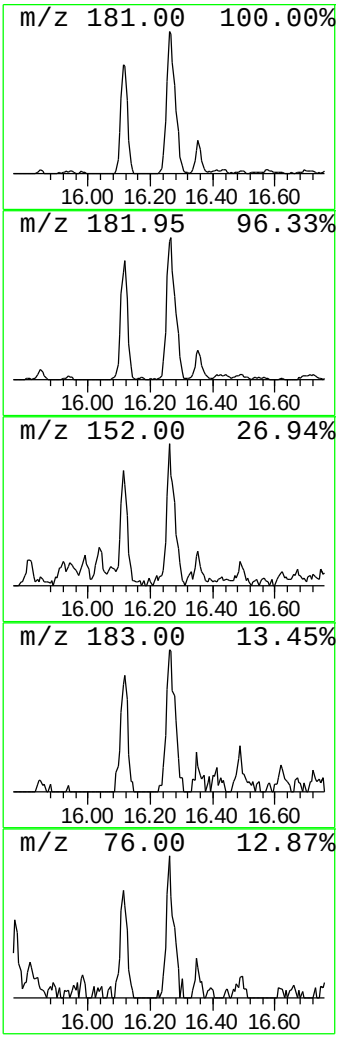
****

Peak Number 4 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.26	7.11 ng/ul	206762	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	90
2	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	86
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	80
4	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
5	3-(1-Naphthyl)acrylaldehyde	182	C13H10O	001504-73-0	72





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

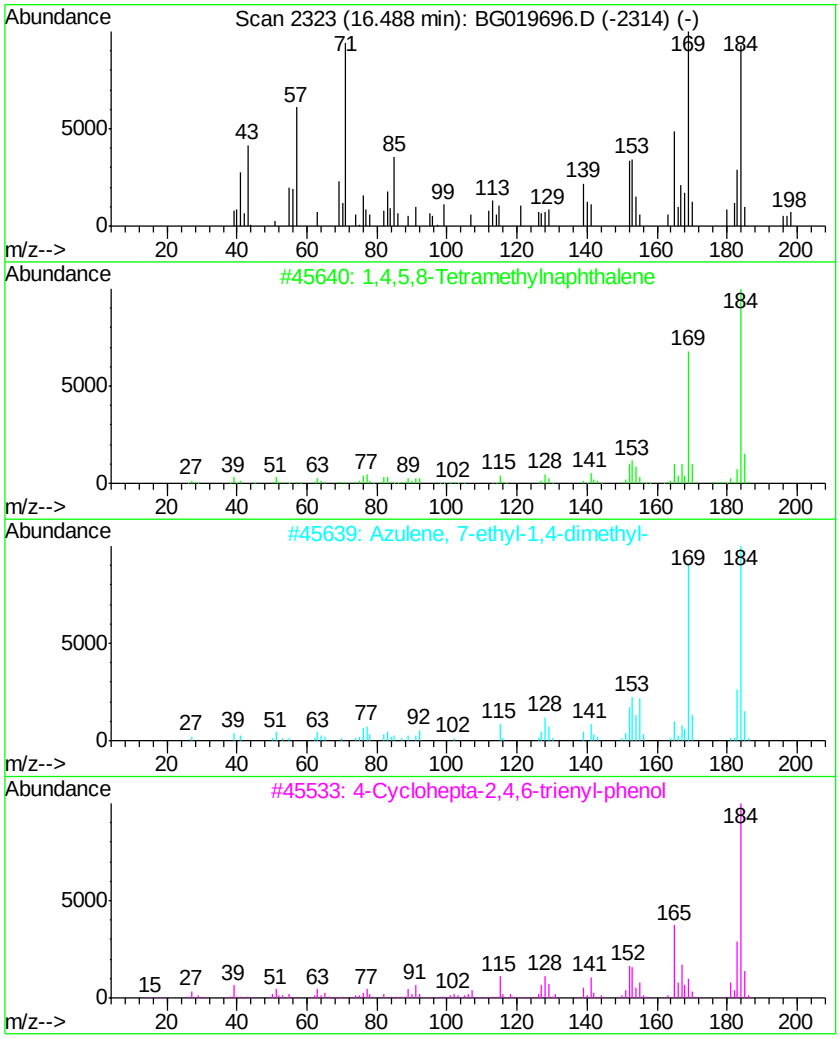
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

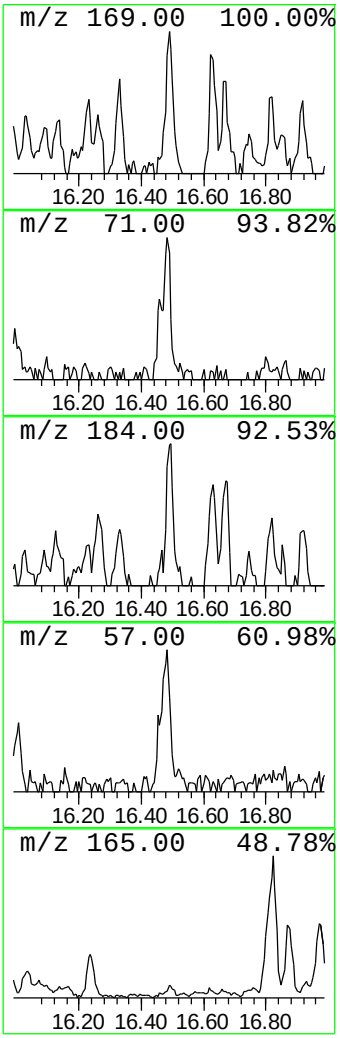
****

Peak Number 5 1,4,5,8-Tetramethylnaphthalene Concentration Rank 31

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.49	2.08 ng/ul	60431	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,4,5,8-Tetramethylnaphthalene	184	C14H16	002717-39-7	55
2	Azulene, 7-ethyl-1,4-dimethyl-	184	C14H16	000529-05-5	49
3	4-Cyclohepta-2,4,6-trienyl-phenol	184	C13H12O	091902-42-0	49
4	Naphthalene, 1-methyl-7-(1-methy...	184	C14H16	000490-65-3	43
5	1,1'-Biphenyl, 2-methoxy-	184	C13H12O	000086-26-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

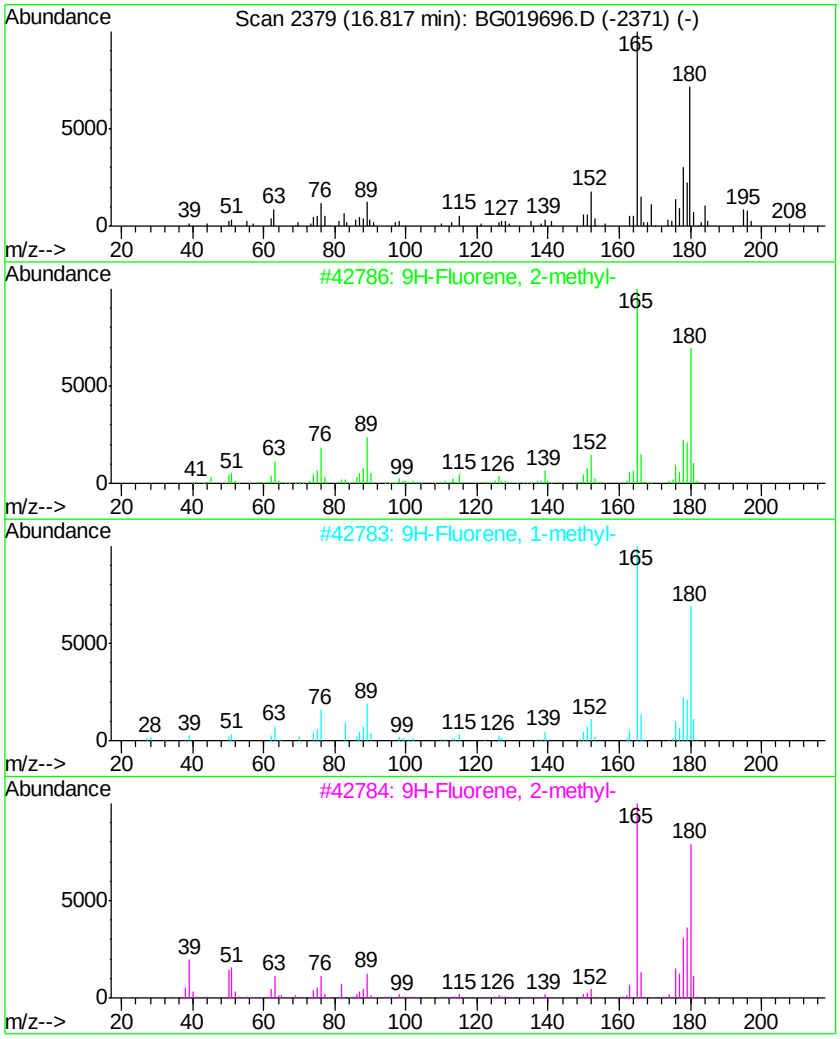
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

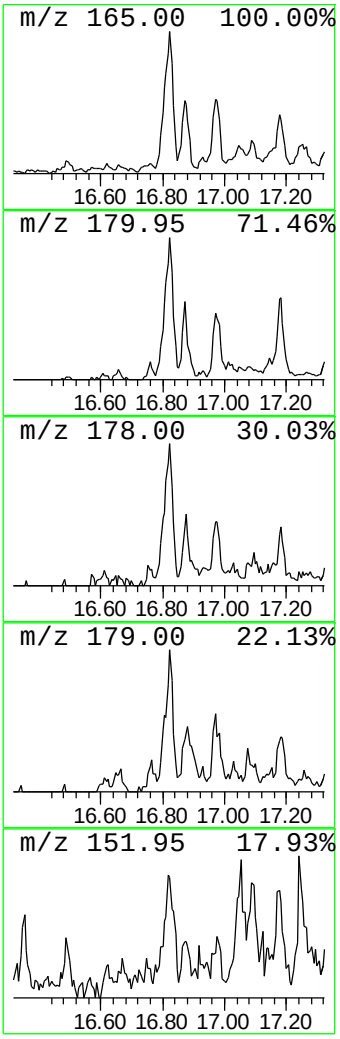
****

Peak Number 6 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.82	5.02 ng/ul	145984	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
3	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	81
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	76
5	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

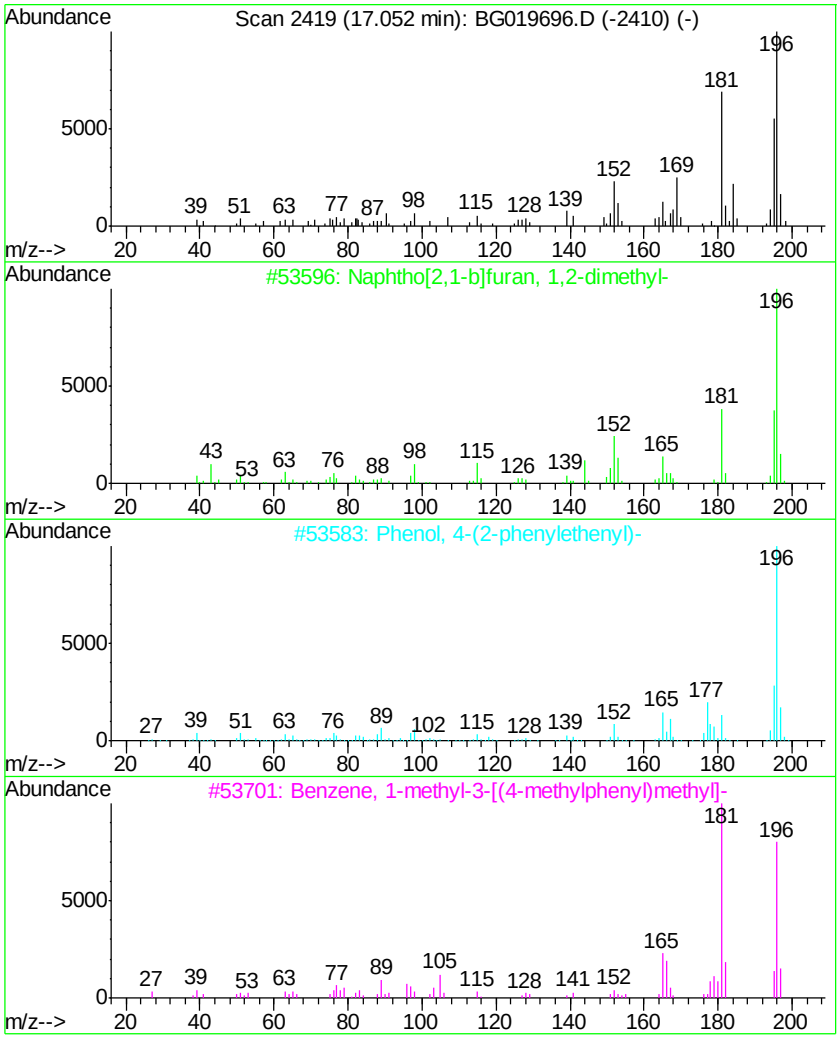
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

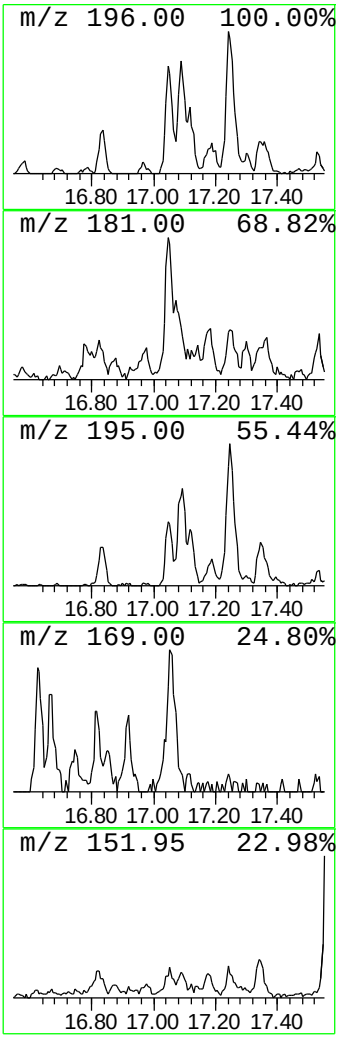
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 Naphtho[2,1-b]furan, 1,2-di... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.05	3.82 ng/ul	111139	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]furan, 1,2-dimethyl-	196	C14H12O	129812-23-3	80
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	58
3	Benzene, 1-methyl-3-[(4-methylph...	196	C15H16	021895-16-9	50
4	Benzene, 1,2-dimethyl-4-(phenylm...	196	C15H16	013540-56-2	50
5	Benzene, 1,1'-methylenebis[4-met...	196	C15H16	004957-14-6	50





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

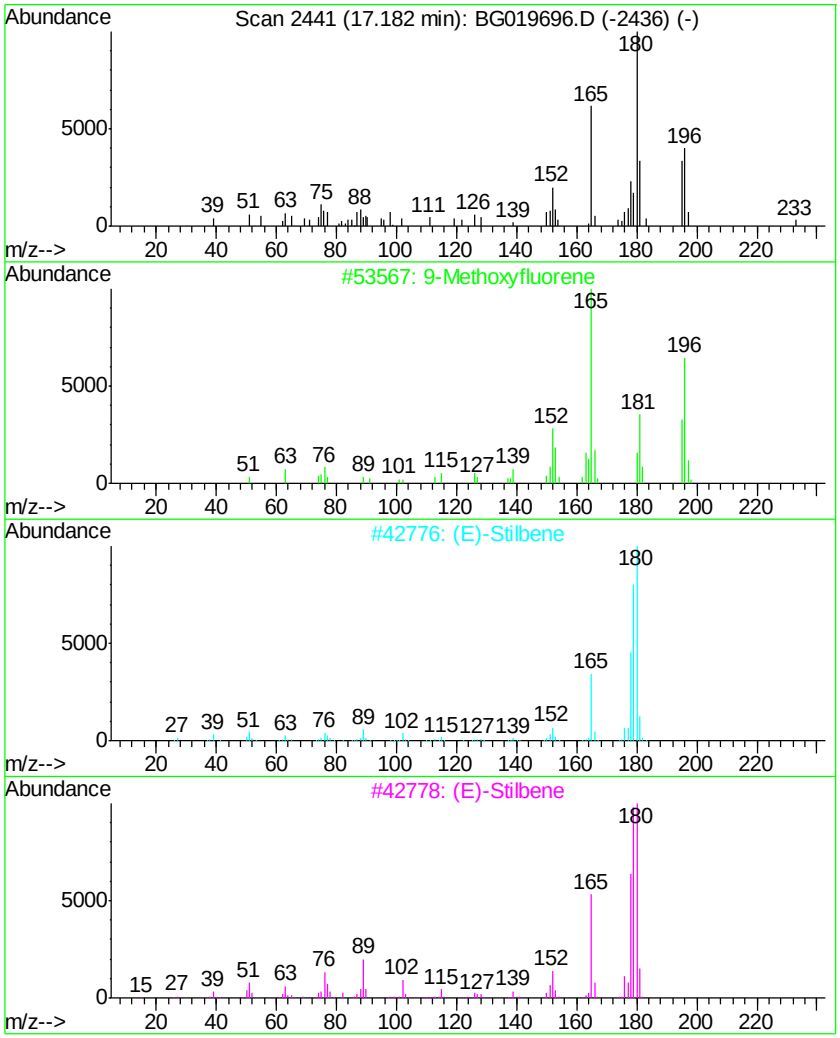
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

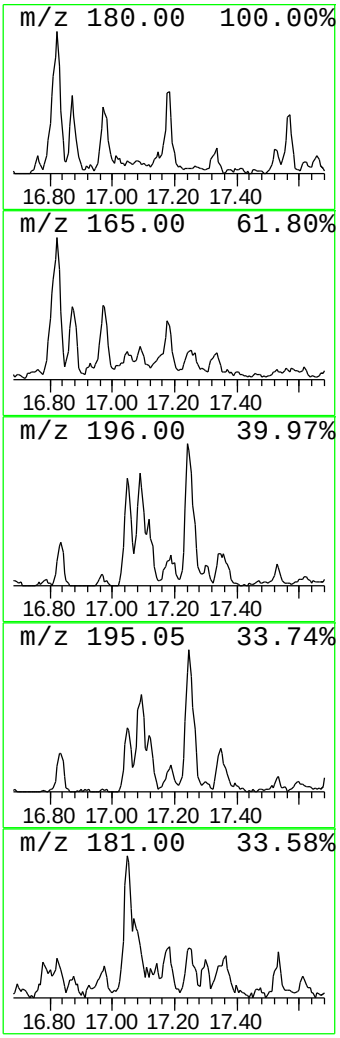
****

Peak Number 9 9-Methoxyfluorene Concentration Rank 29

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.18	2.11 ng/ul	61288	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Methoxyfluorene	196	C14H12O	019126-15-9	83
2	(E)-Stilbene	180	C14H12	000103-30-0	53
3	(E)-Stilbene	180	C14H12	000103-30-0	53
4	(E)-Stilbene	180	C14H12	000103-30-0	52
5	(E)-Stilbene	180	C14H12	000103-30-0	52





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

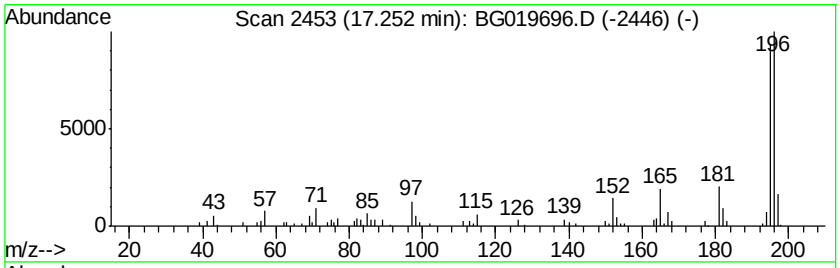
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

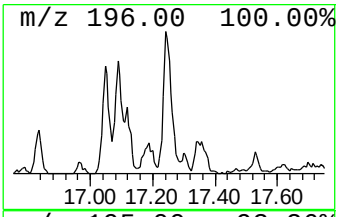
****

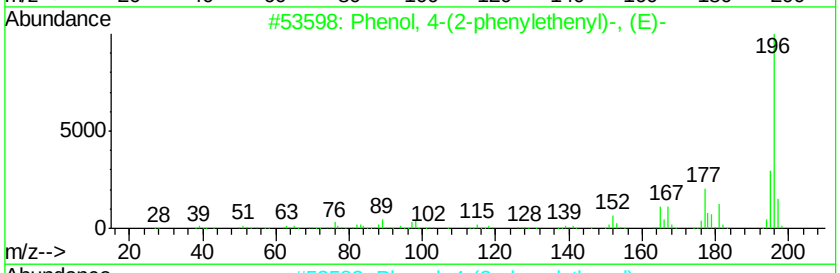
Peak Number 10 Phenol, 4-(2-phenylethenyl)... Concentration Rank 19

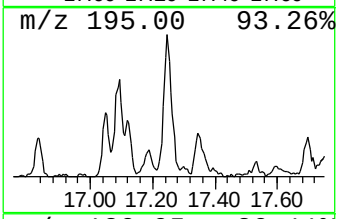
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.25	3.97 ng/ul	115513	Phenanthrene-d10	17.52

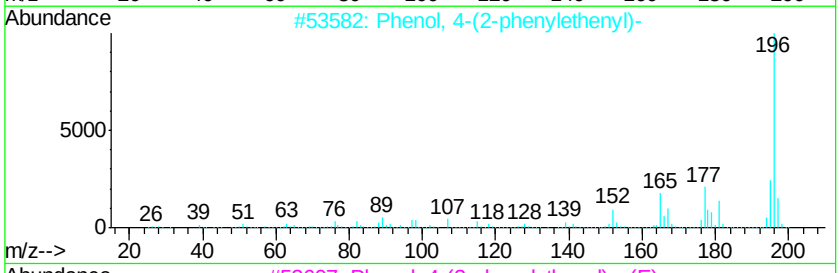
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	58
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	50

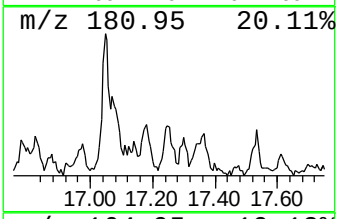


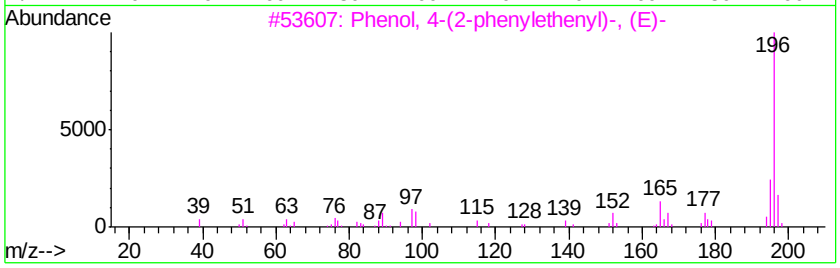


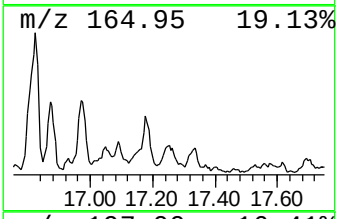


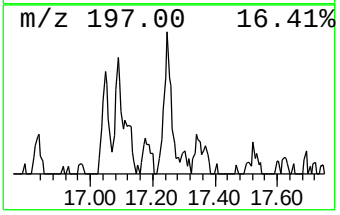












Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

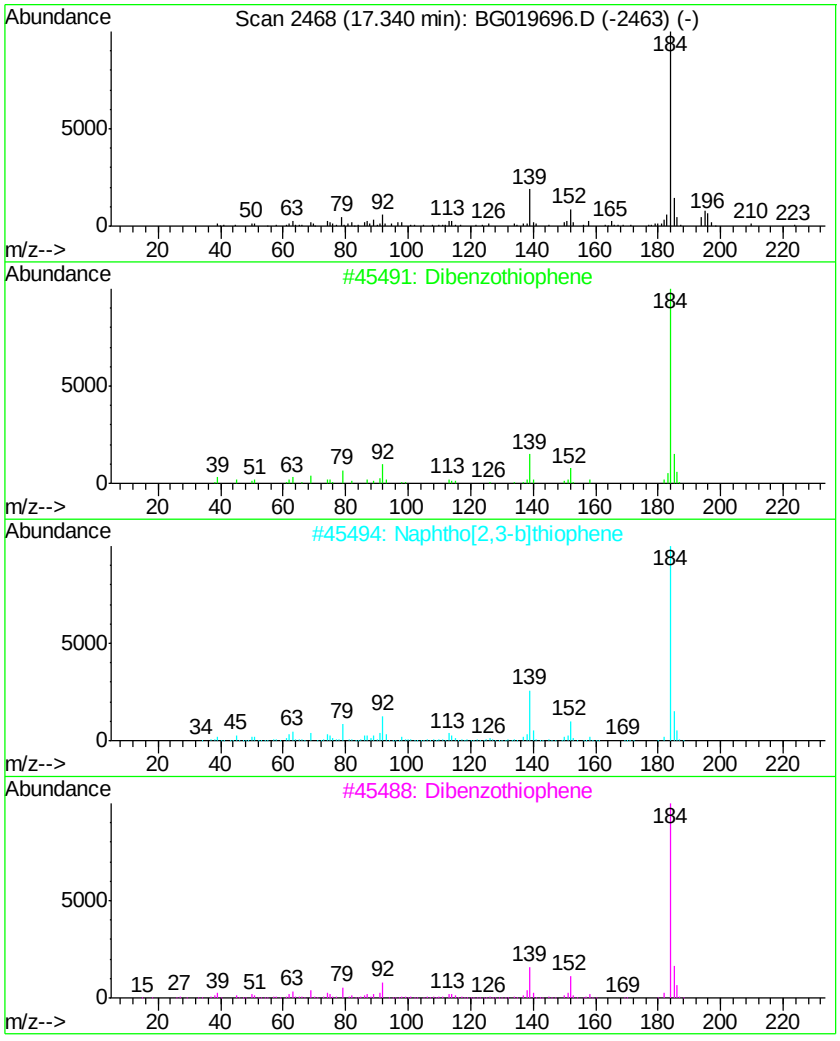
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

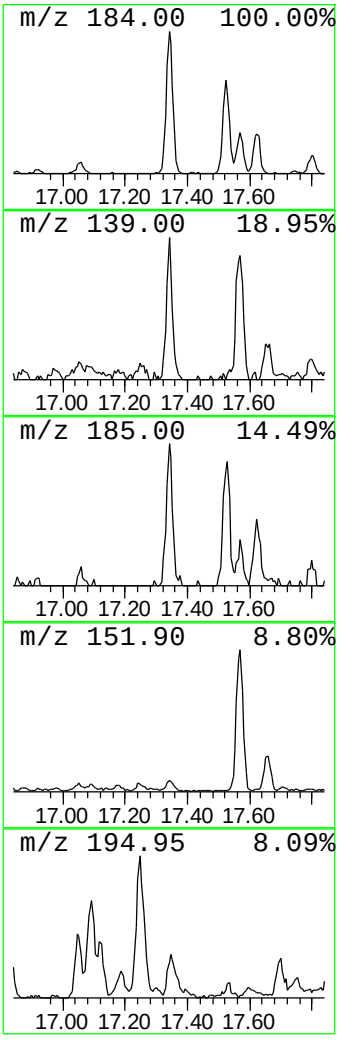
****

Peak Number 11 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.34	6.00 ng/ul	174425	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	90
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
3	Dibenzothiophene	184	C12H8S	000132-65-0	90
4	Dibenzothiophene	184	C12H8S	000132-65-0	83
5	Dibenzothiophene	184	C12H8S	000132-65-0	83





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

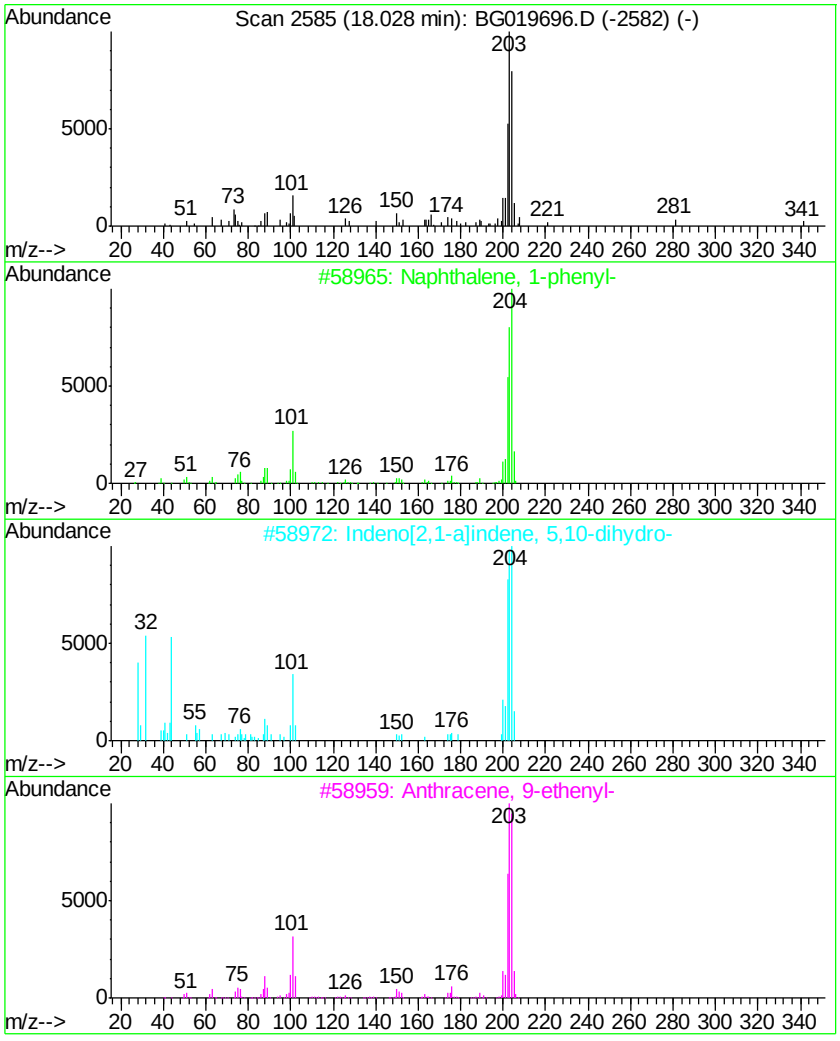
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

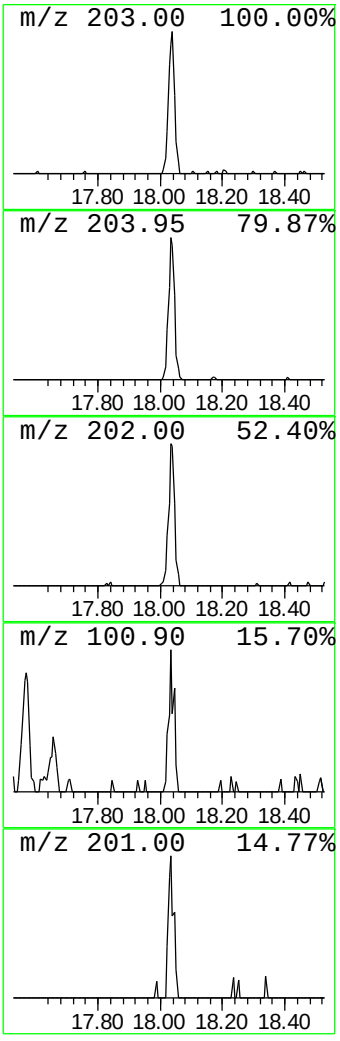
****

Peak Number 12 Naphthalene, 1-phenyl- Concentration Rank 34

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.03	2.04 ng/ul	59219	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	92
2	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	83
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	64
4	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	64
5	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

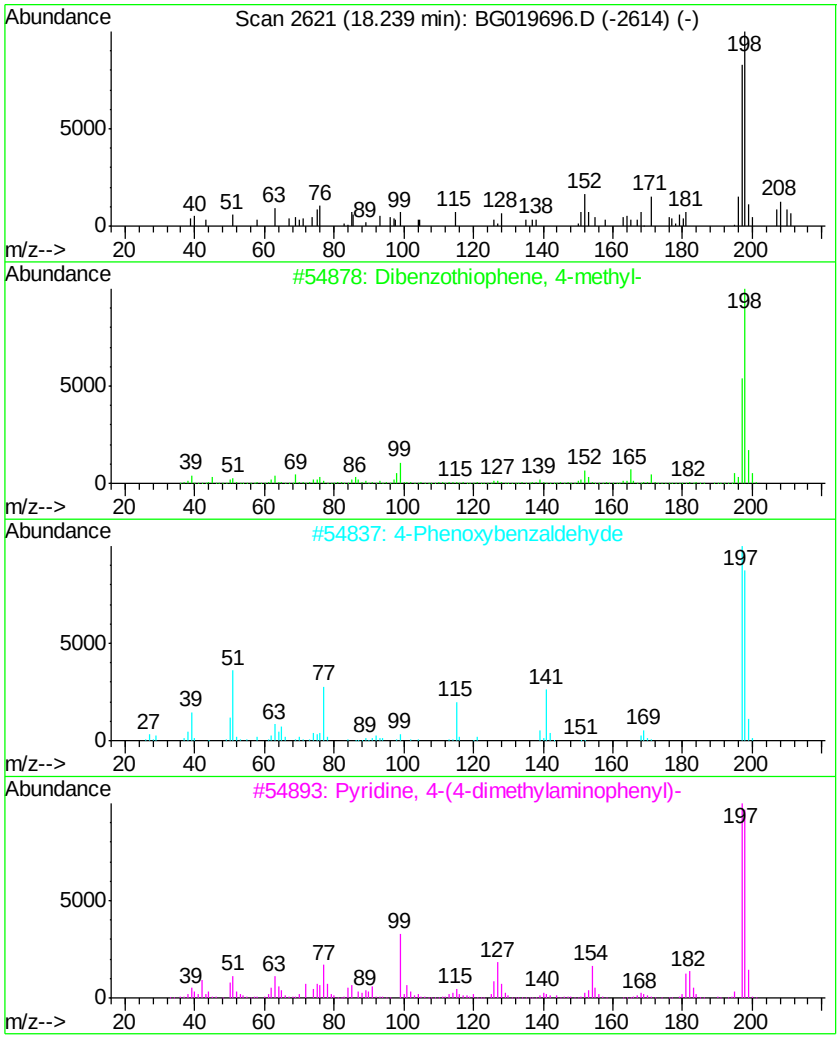
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

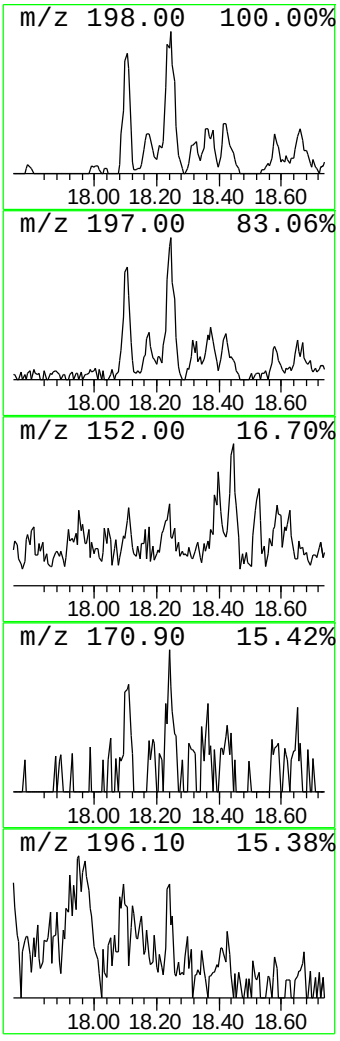
****

Peak Number 13 Dibenzothiophene, 4-methyl- Concentration Rank 28

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.24	2.17 ng/ul	63180	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	68
2	4-Phenoxybenzaldehyde	198	C13H10O2	000067-36-7	58
3	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	53
4	Methanone, (2-hydroxyphenyl)phenyl-	198	C13H10O2	000117-99-7	53
5	Naphtho[1,8-de]-1,3,2-dioxaborin...	198	C12H11BO2	125452-19-9	46





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

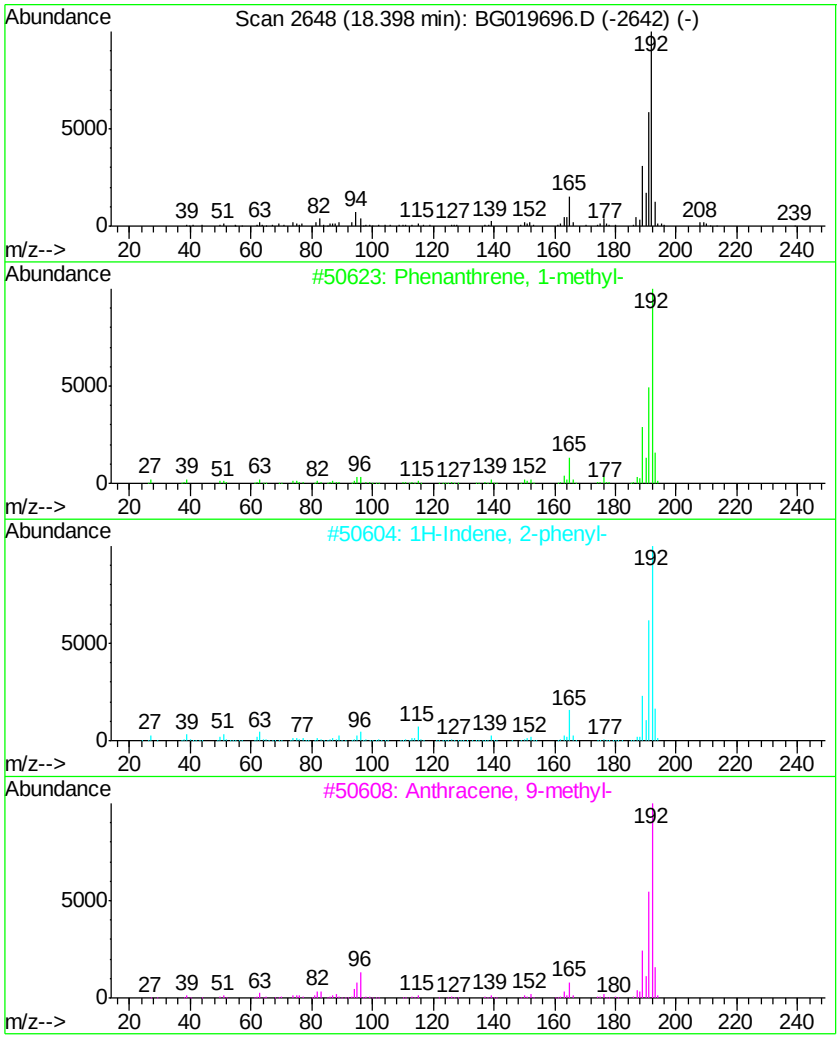
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

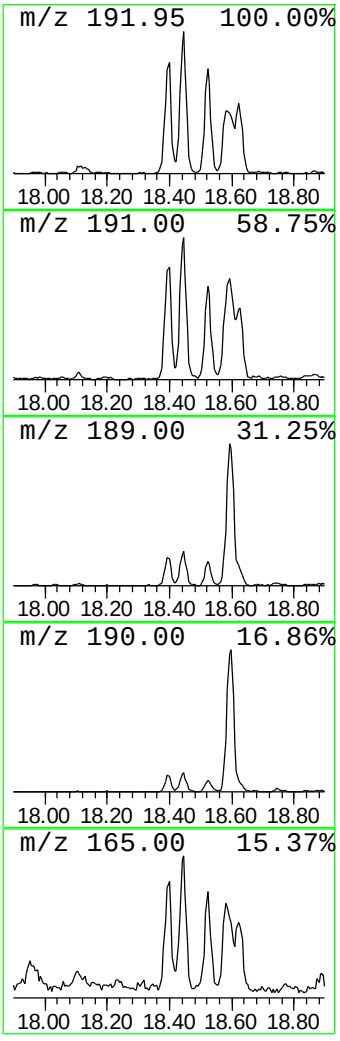
****

Peak Number 14 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.40	8.66 ng/ul	251708	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

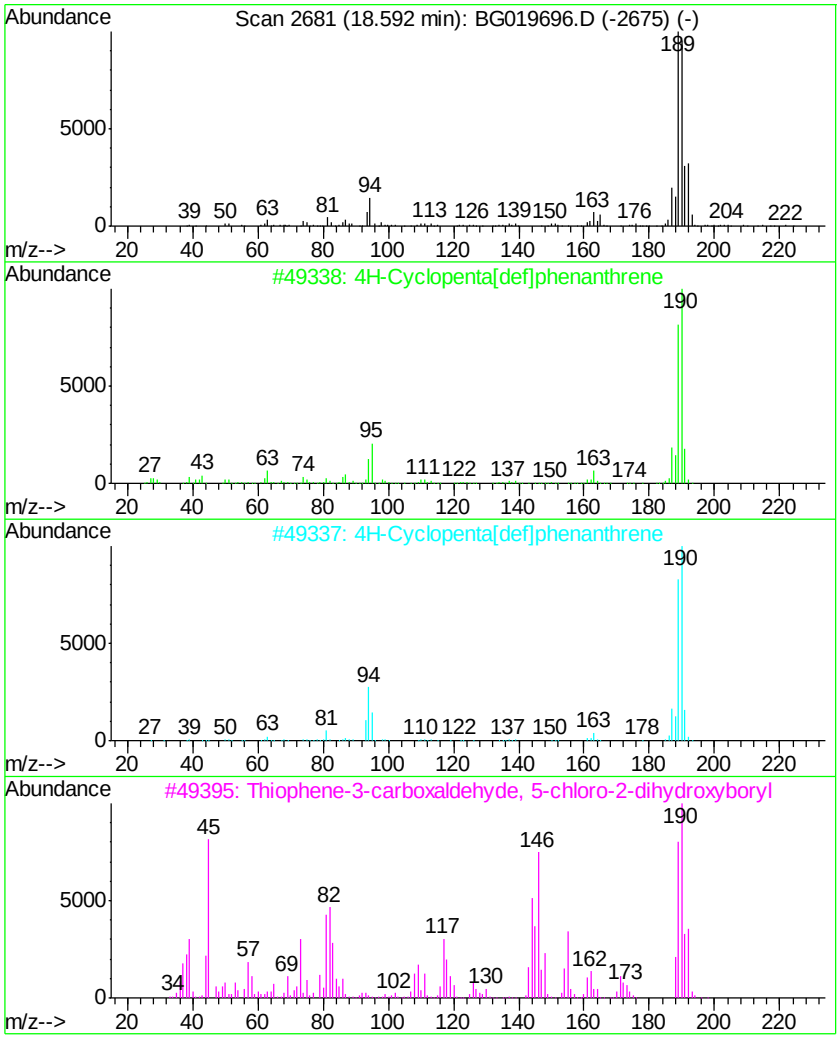
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

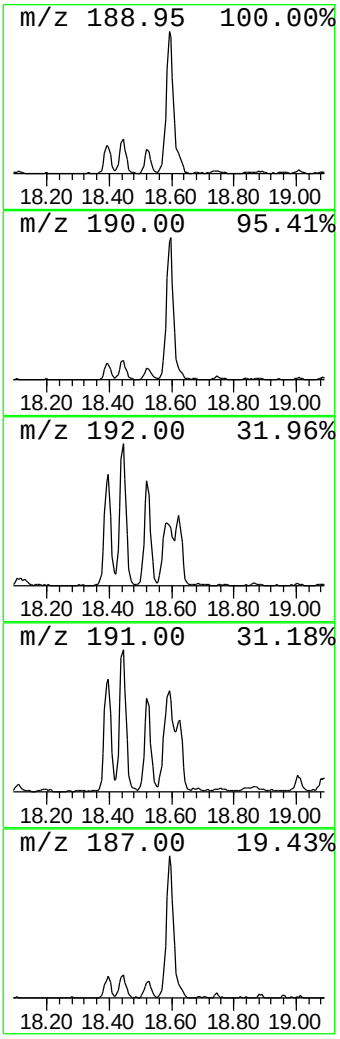
****

Peak Number 17 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.59	20.80 ng/ul	604764	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	89
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	83
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
5	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	47





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

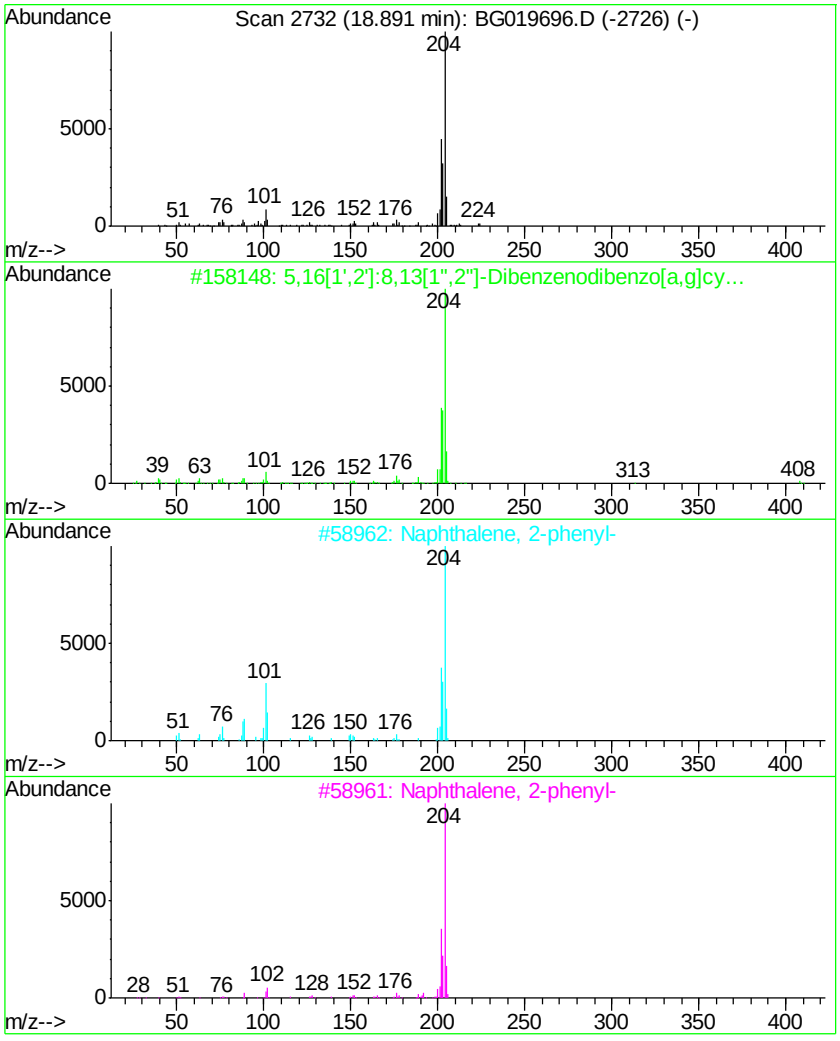
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

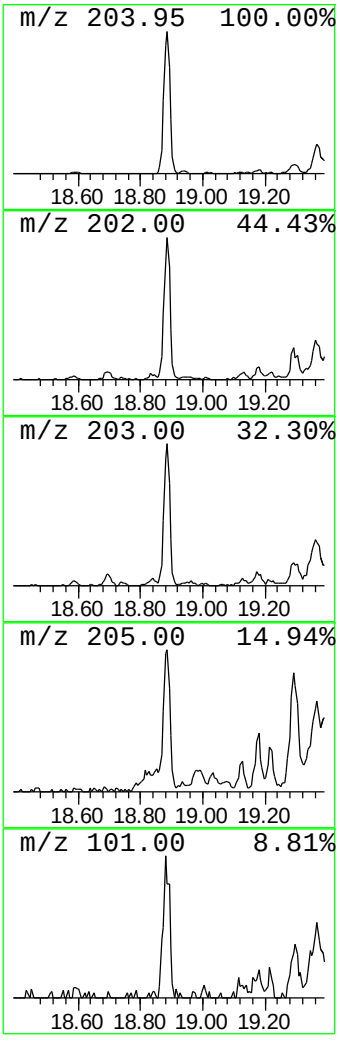
****

Peak Number 18 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.89	8.20 ng/ul	238346	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

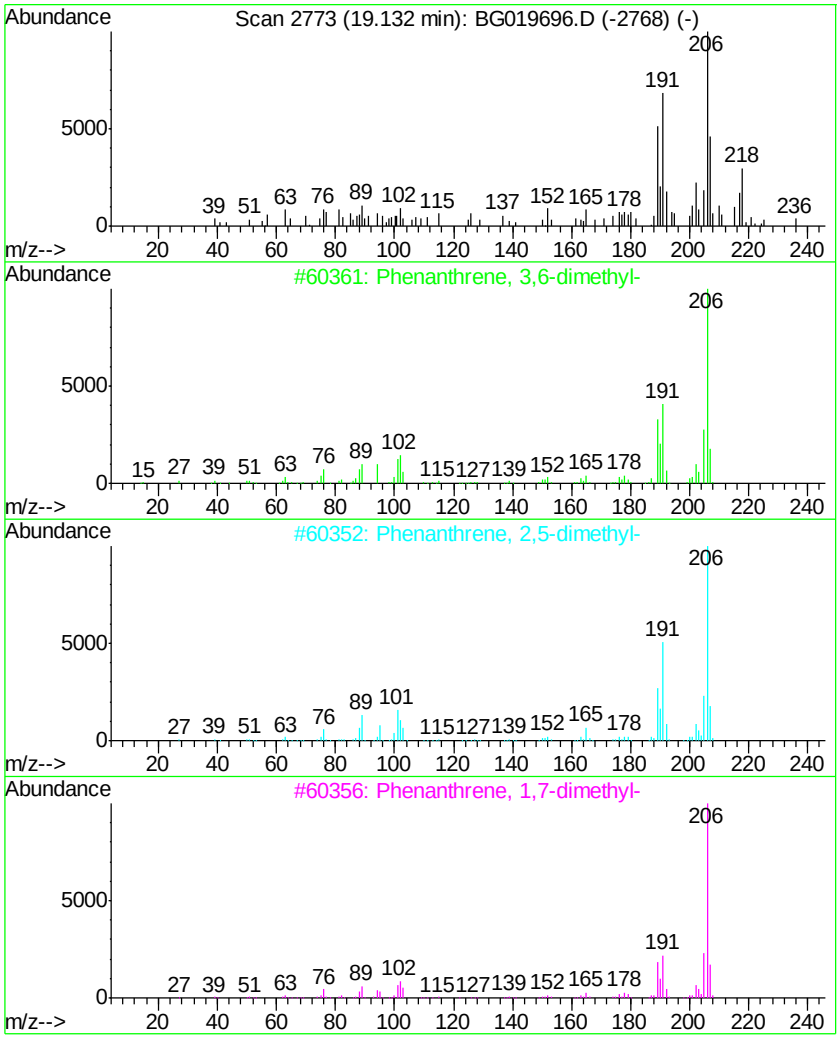
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

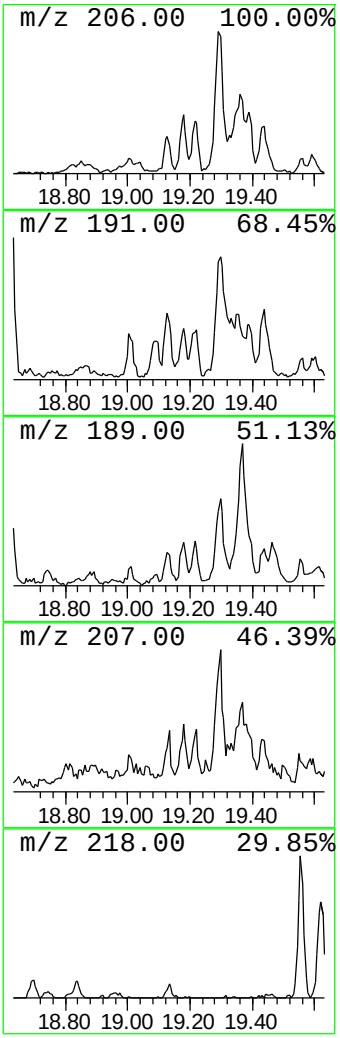
****

Peak Number 19 Phenanthrene, 3,6-dimethyl- Concentration Rank 32

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.13	2.07 ng/ul	60206	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	87
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

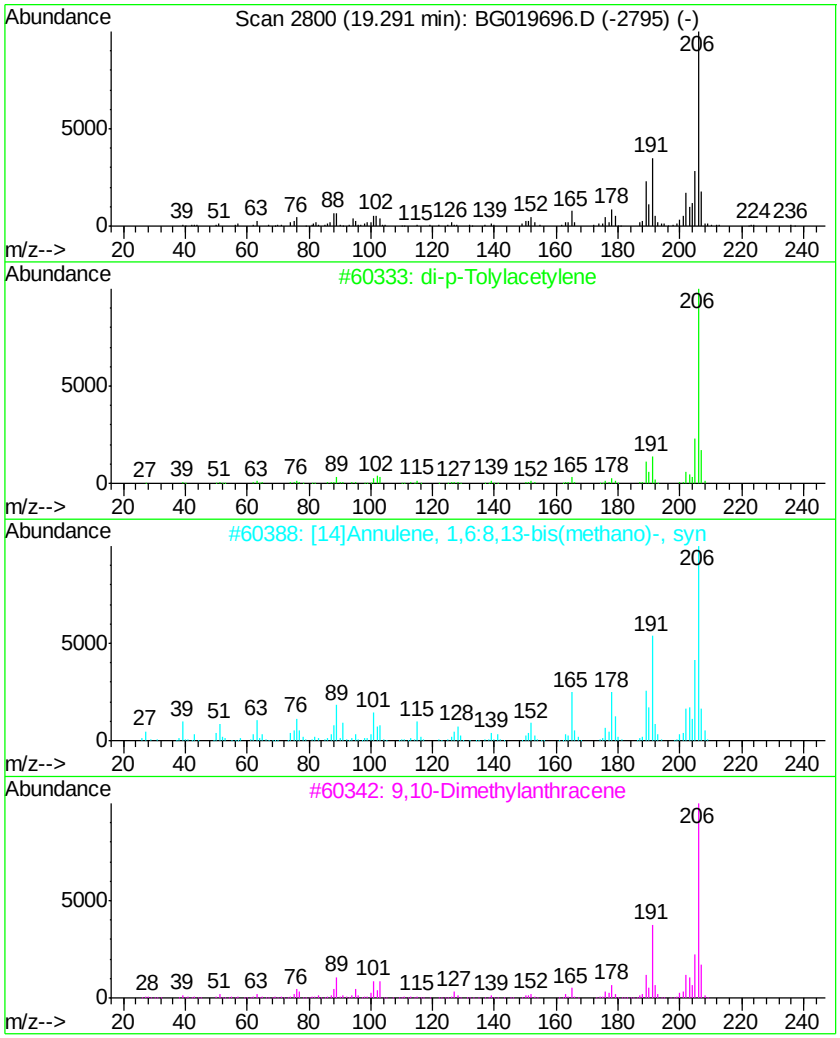
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

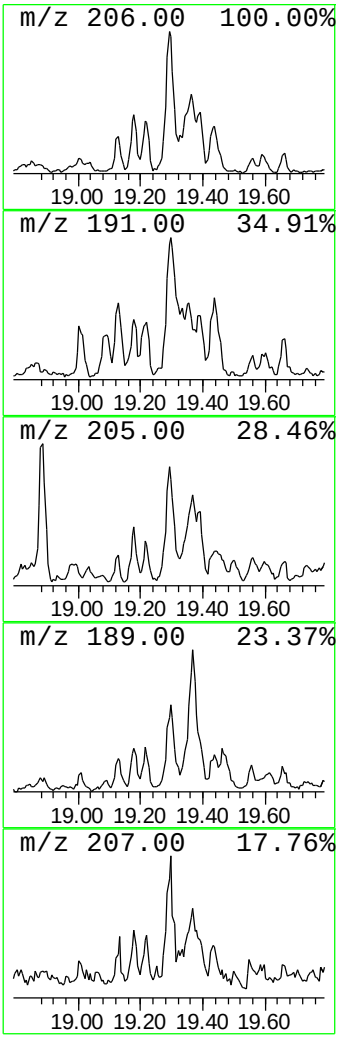
****

Peak Number 20 di-p-Tolylacetylene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	8.08 ng/ul	234852	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

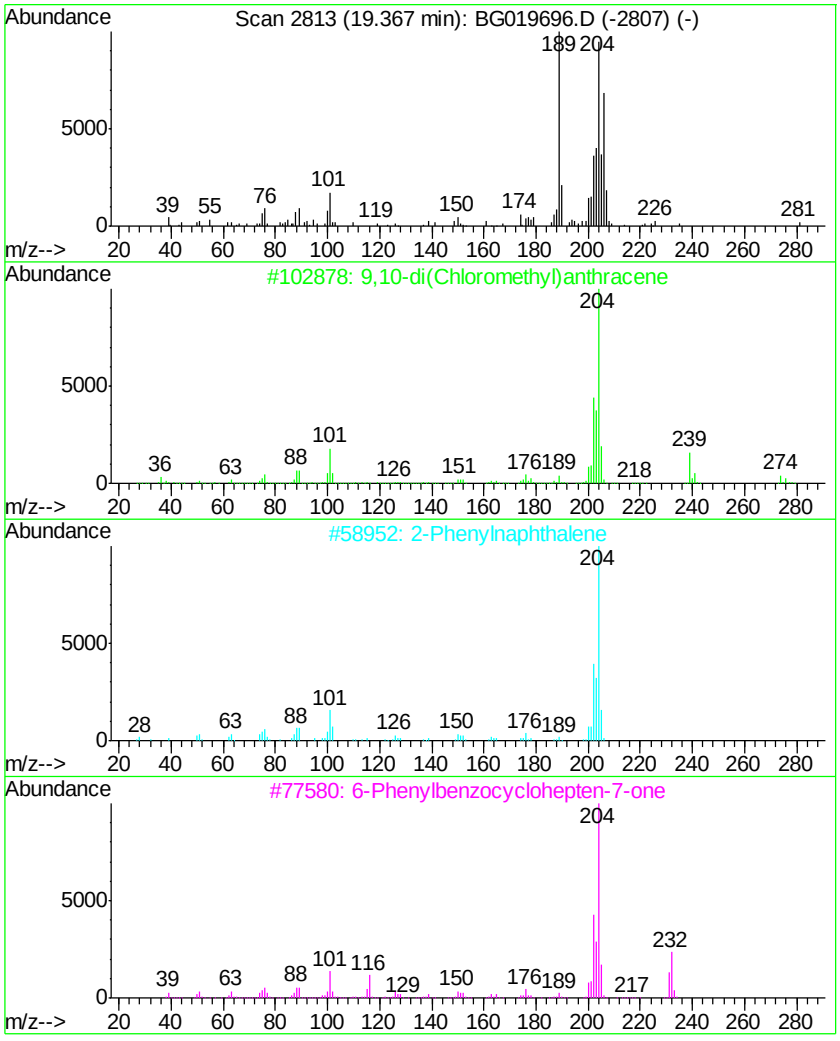
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

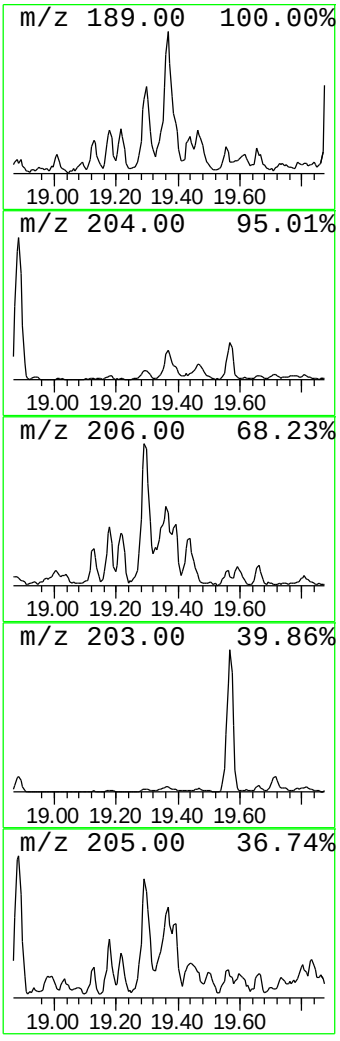
****

Peak Number 21 unknown-01 Concentration Rank 21

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.37	3.44 ng/ul	100044	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-di(Chloromethyl)anthracene	274	C16H12Cl2	010387-13-0	38
2	2-Phenylnaphthalene	204	C16H12	035465-71-5	38
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	35
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	32
5	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	32





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

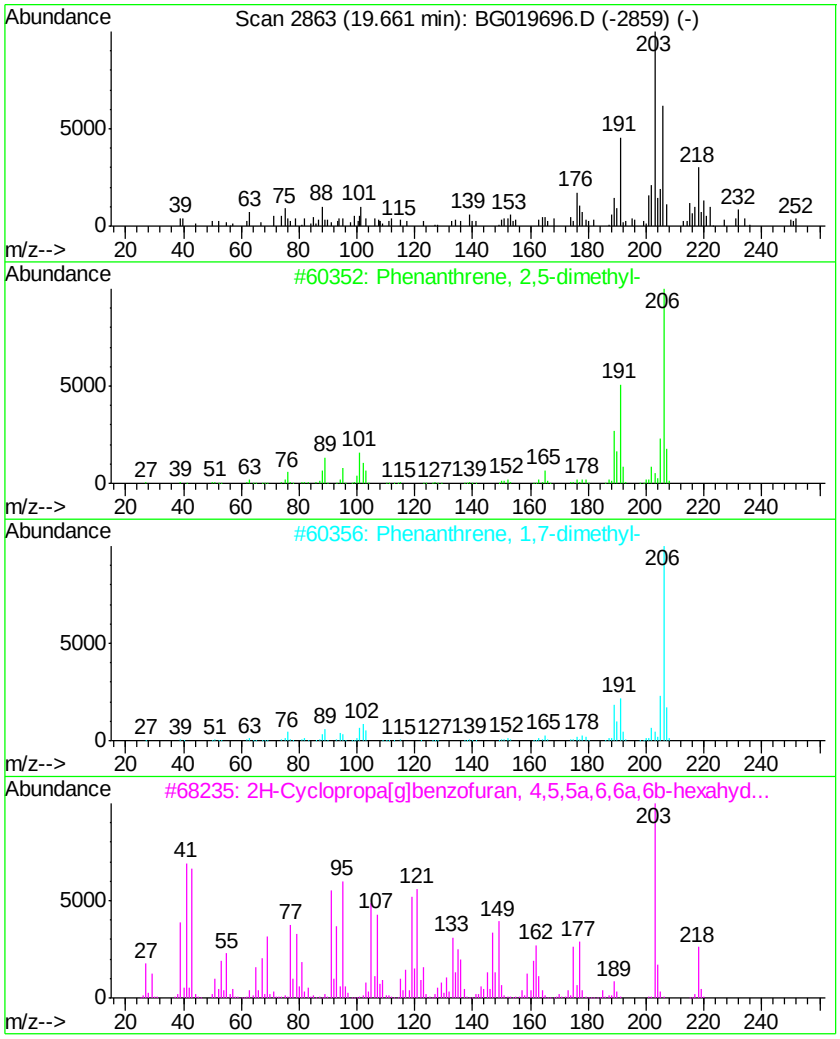
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

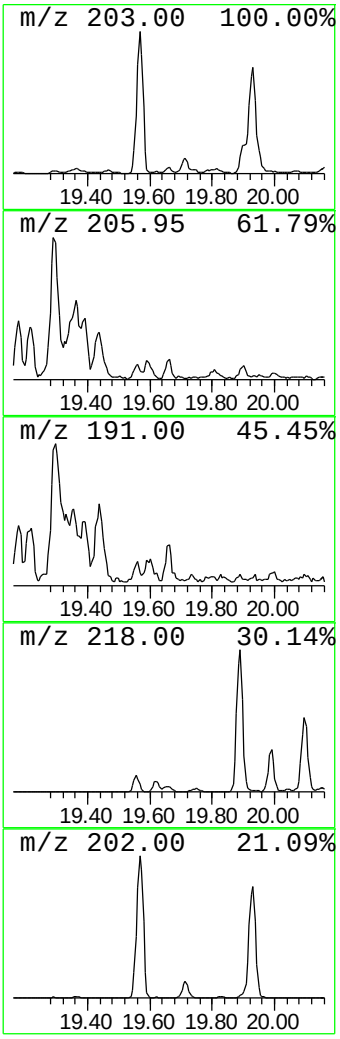
****

Peak Number 22 Phenanthrene, 2,5-dimethyl- Concentration Rank 30

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.66	2.09 ng/ul	60894	Phenanthrene-d10	17.52

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	72
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	52
3	2H-Cyclopropa[g]benzofuran, 4,5,...	218	C15H22O	102681-49-2	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	35
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	35





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

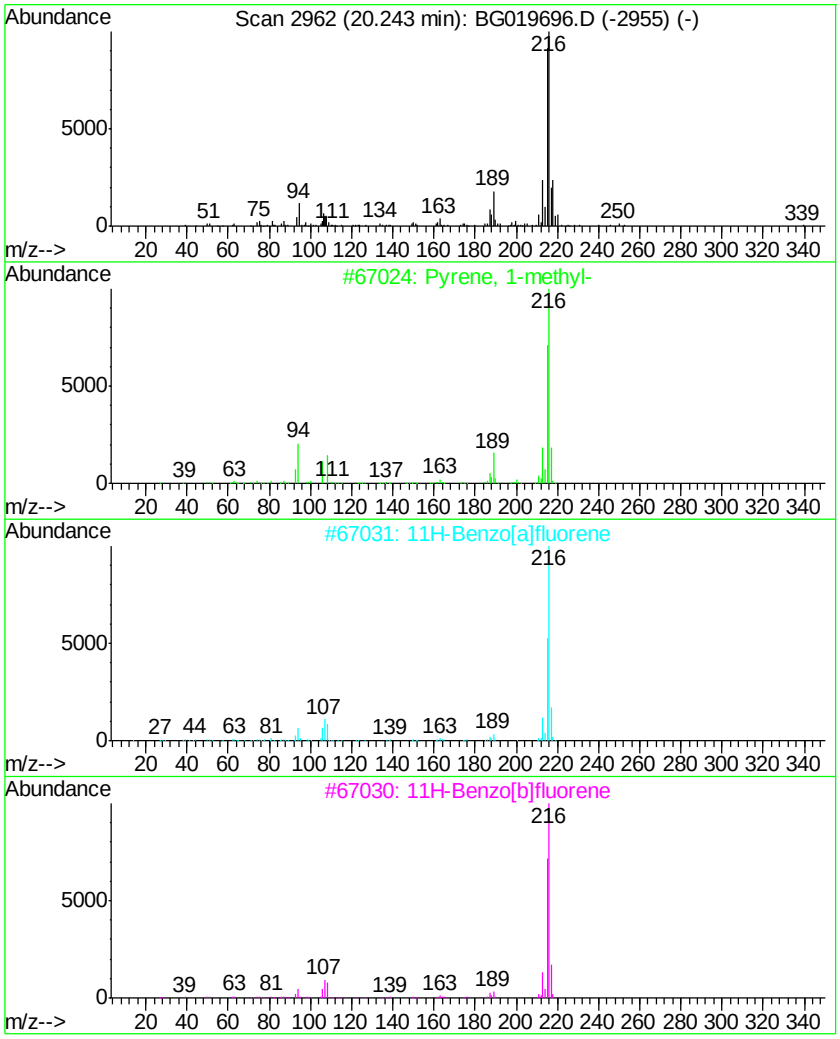
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

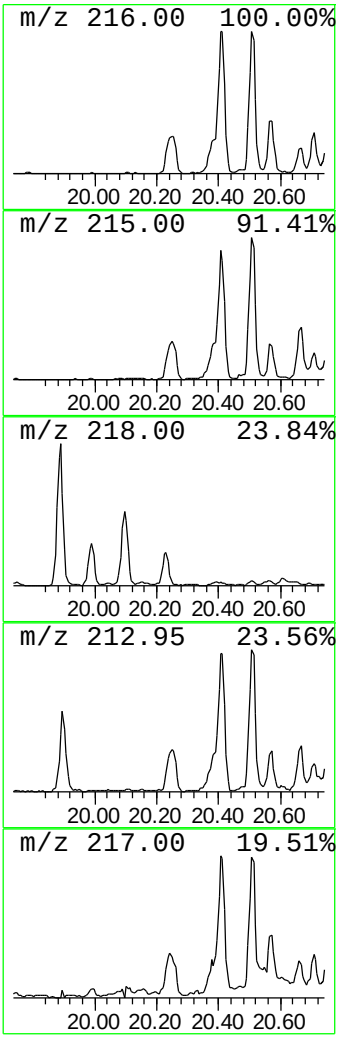
****

Peak Number 24 Pyrene, 1-methyl- Concentration Rank 25

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.24	2.71 ng/ul	352904	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	76
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

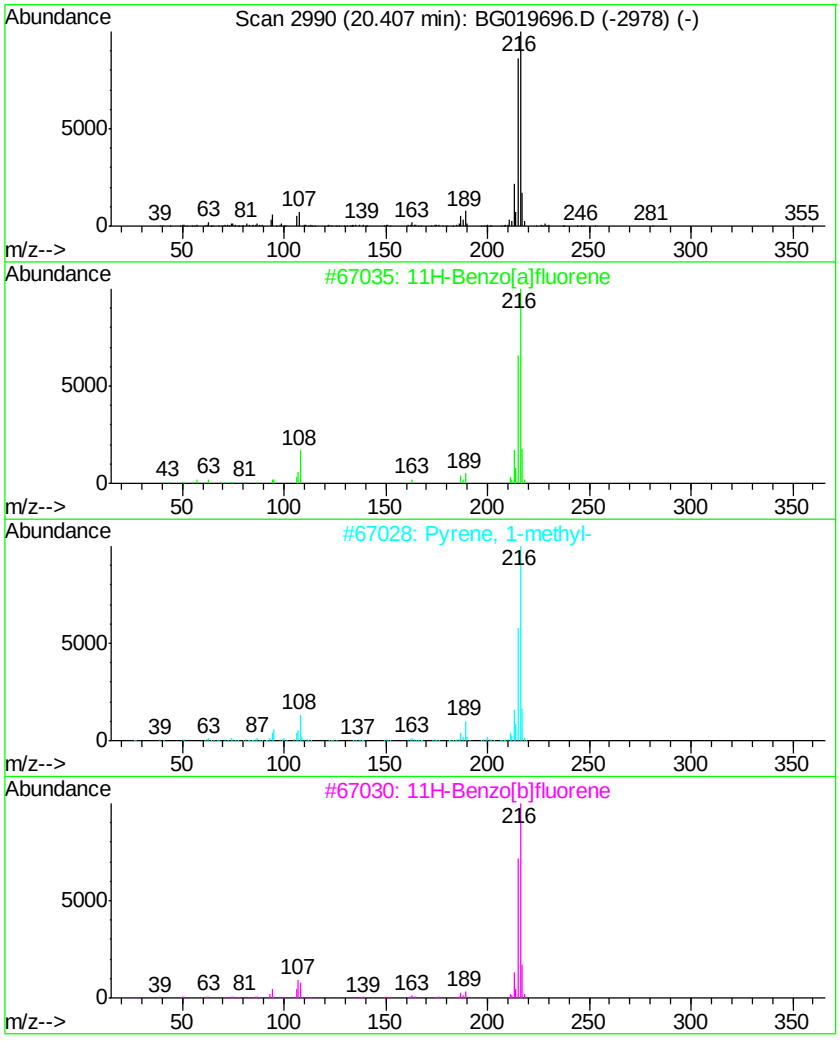
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

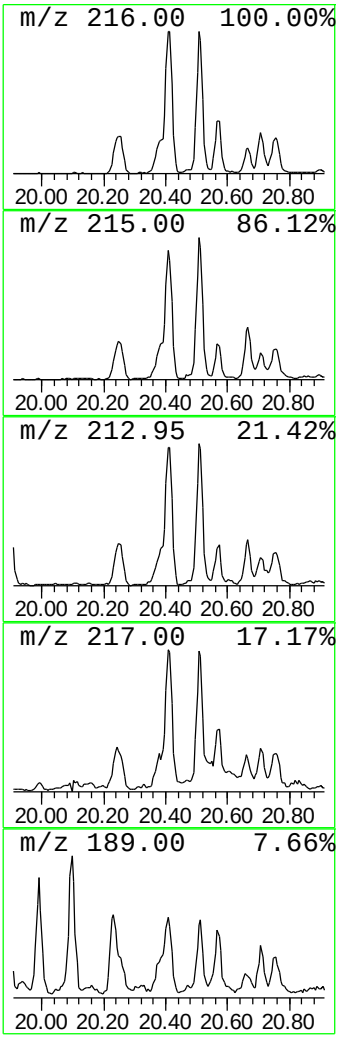
****

Peak Number 25 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.41	6.05 ng/ul	788152	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

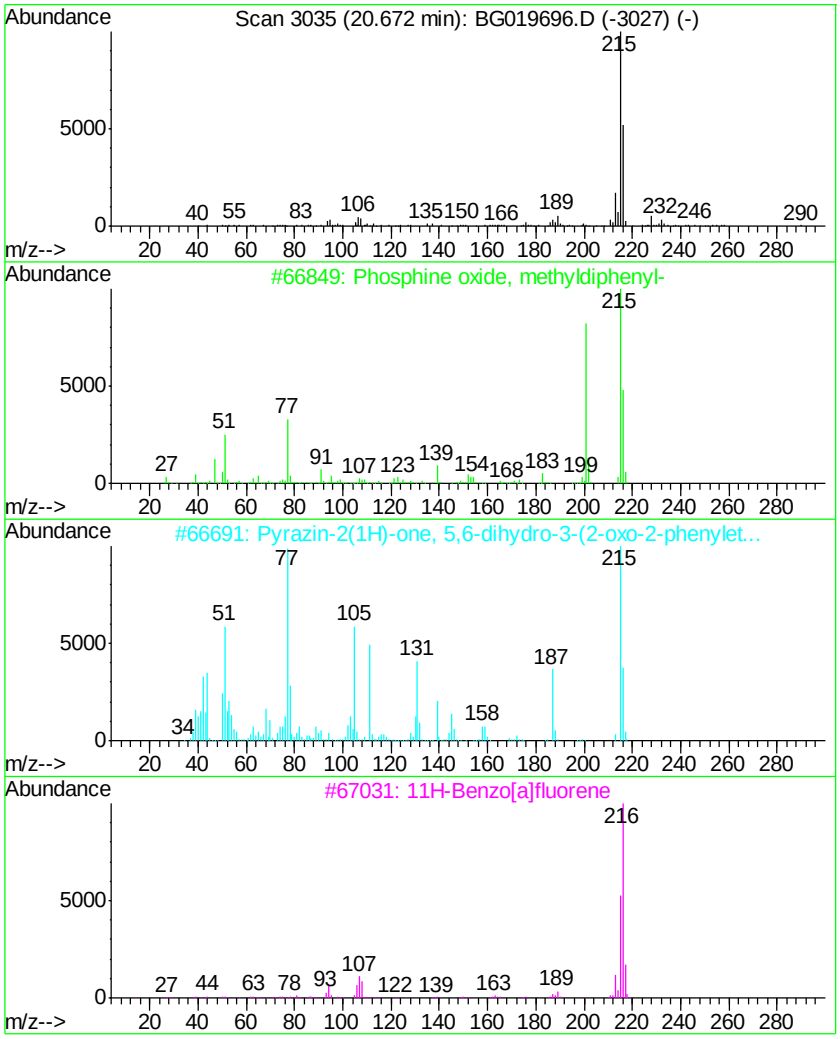
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

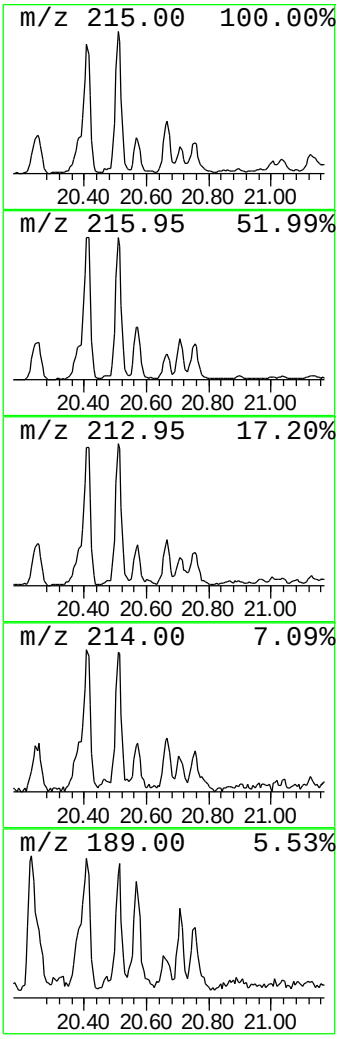
****

Peak Number 28 Phosphine oxide, methyldiph... Concentration Rank 35

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.67	2.03 ng/ul	263900	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phosphine oxide, methyldiphenyl-	216	C13H13OP	002129-89-7	59
2	Pyrazin-2(1H)-one, 5,6-dihydro-3...	216	C12H12N2O2	001821-59-6	53
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	43
5	Benzanthrene	216	C17H12	000199-94-0	43





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

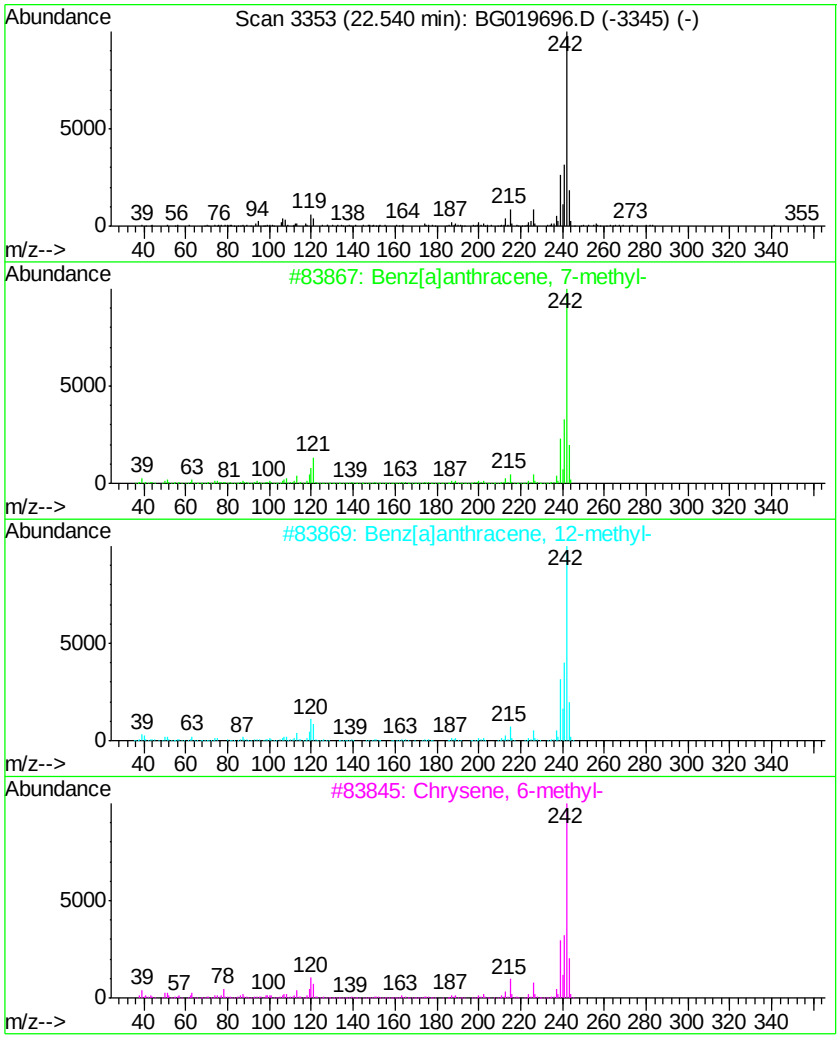
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

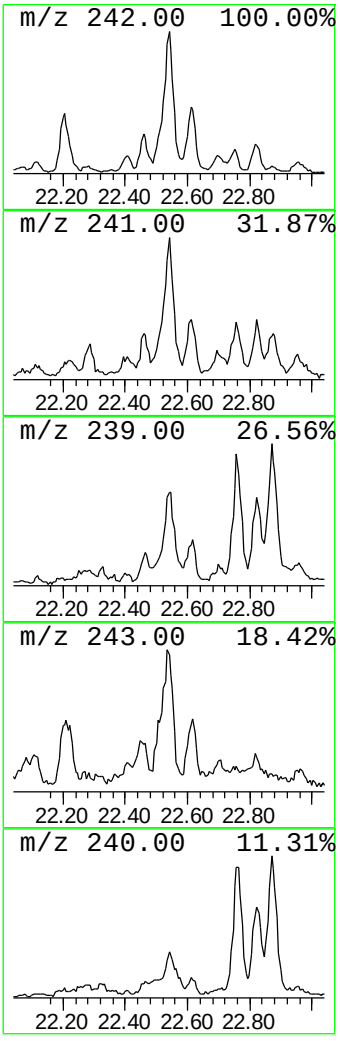
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 29 Benz[a]anthracene, 7-methyl- Concentration Rank 24

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.54	2.84 ng/ul	369477	Chrysene-d12	21.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	94
2	Benz[a]anthracene, 12-methyl-	242	C19H14	002422-79-9	93
3	Chrysene, 6-methyl-	242	C19H14	003697-24-3	93
4	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	93
5	Chrysene, 6-methyl-	242	C19H14	001705-85-7	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

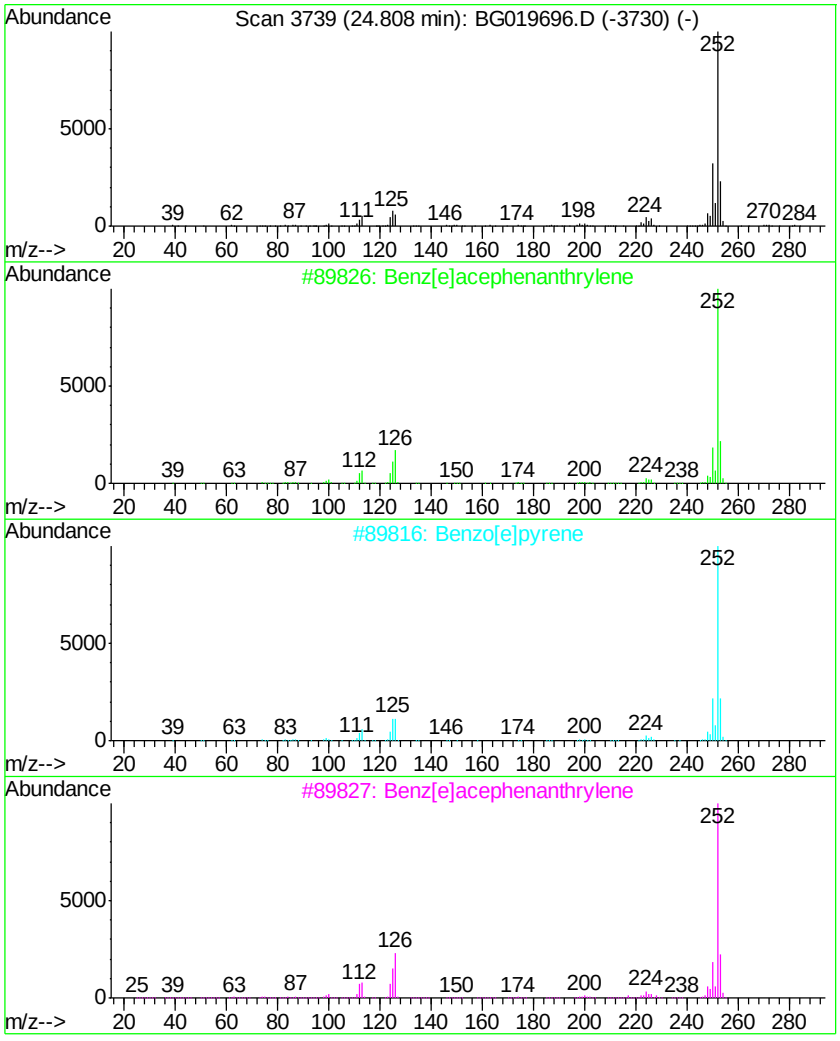
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

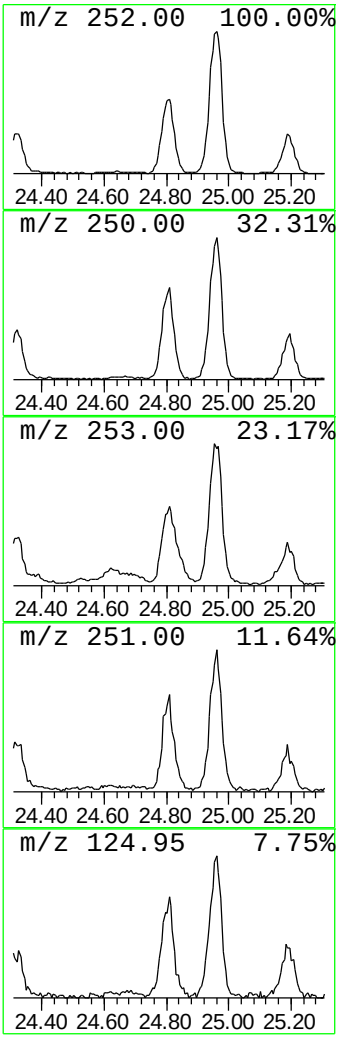
****

Peak Number 31 Benz[e]acephenanthrylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.81	13.36 ng/ul	561819	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

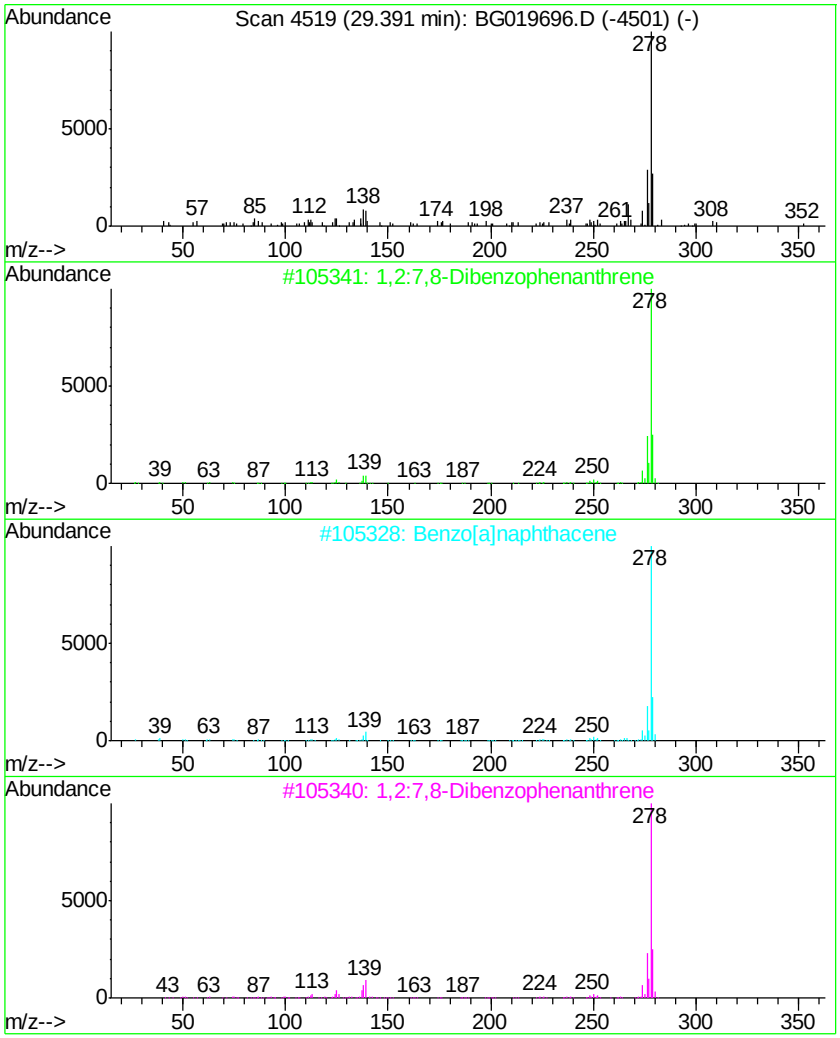
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

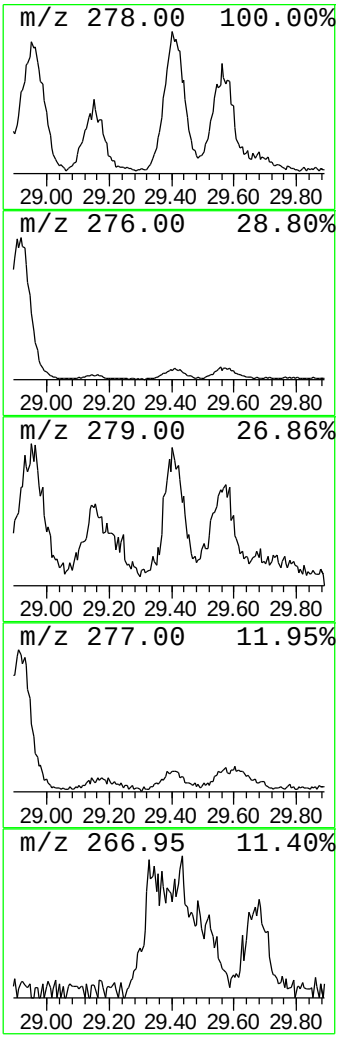
****

Peak Number 33 1,2:7,8-Dibenzophenanthrene Concentration Rank 22

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.39	3.29 ng/ul	138258	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	89
2	Benzo[a]naphthacene	278	C22H14	000226-88-0	76
3	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	70
4	Pentaphene	278	C22H14	000222-93-5	70
5	Naphtho[1,2-a]anthracene	278	C22H14	000195-06-2	70





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.M
Quant Title : SVOA CALIBRATION

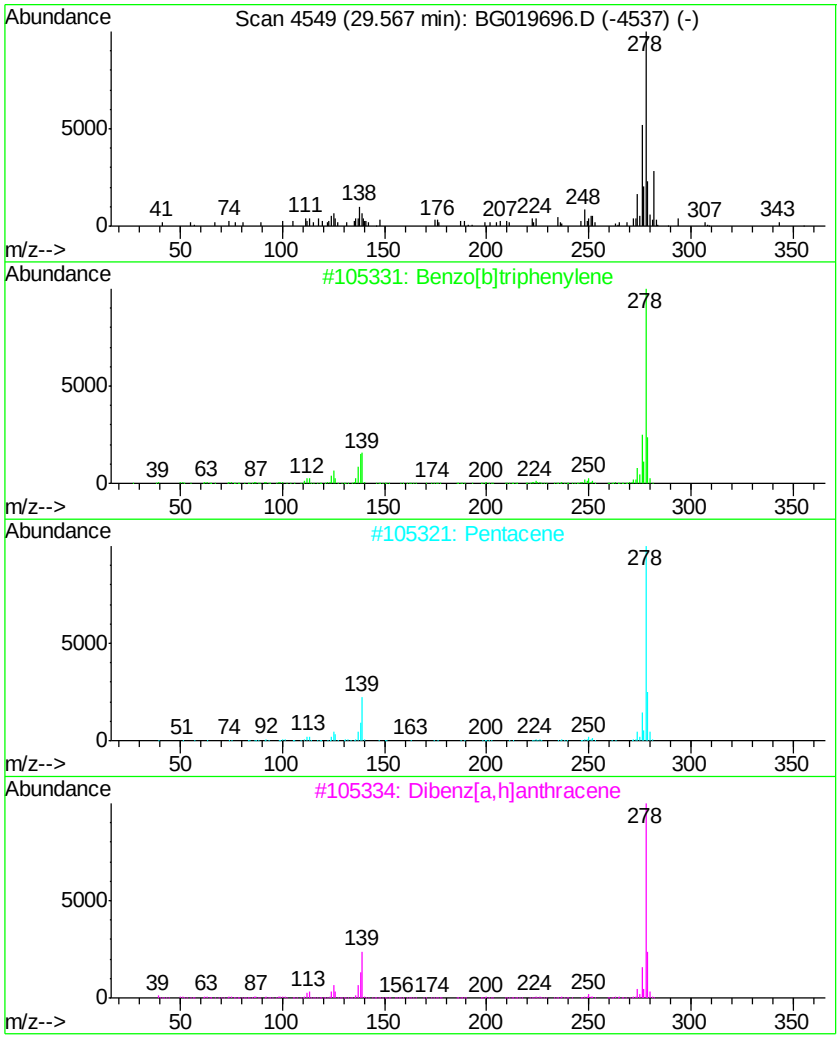
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

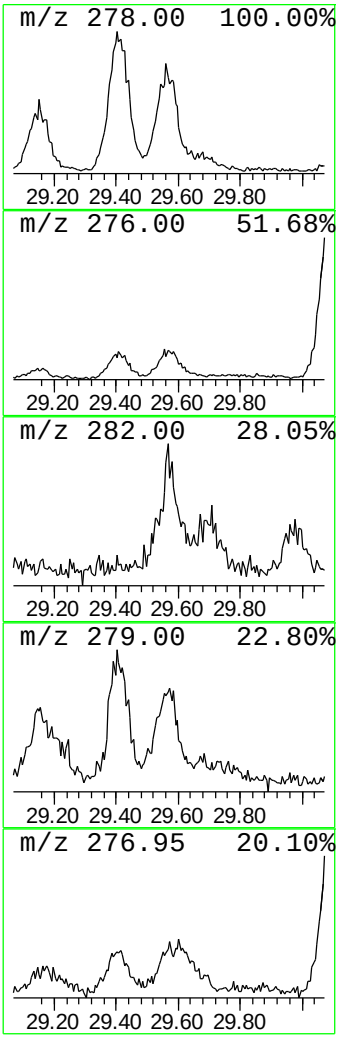
****

Peak Number 34 Benzo[b]triphenylene Concentration Rank 27

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.57	2.21 ng/ul	92984	Perylene-d12	25.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]triphenylene	278	C22H14	000215-58-7	55
2	Pentacene	278	C22H14	000135-48-8	49
3	Dibenz[a,h]anthracene	278	C22H14	000053-70-3	46
4	1,2:7,8-Dibenzophenanthrene	278	C22H14	000213-46-7	46
5	Benzo[a]naphthacene	278	C22H14	000226-88-0	46





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG111715\
Data File : BG019696.D
Acq On : 18 Nov 2015 19:42
Operator : UM/NP
Sample : G4427-12DL 2X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : BC7D1DL

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\SOM02.2-EPA-BG111615.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
Butane, 2-methoxy...	3.16	129.9	ng/ul	1010840	1	8.15	155601	20.0
[1,1'-Biphenyl]-4...	16.11	5.8	ng/ul	117302	3	14.78	407687	20.0
Dibenzofuran, 4-m...	16.26	7.1	ng/ul	206762	4	17.52	581476	20.0
1,4,5,8-Tetrameth...	16.49	2.1	ng/ul	60431	4	17.52	581476	20.0
9H-Fluorene, 2-me...	16.82	5.0	ng/ul	145984	4	17.52	581476	20.0
Naphtho[2,1-b]fur...	17.05	3.8	ng/ul	111139	4	17.52	581476	20.0
9-Methoxyfluorene	17.18	2.1	ng/ul	61288	4	17.52	581476	20.0
Phenol, 4-(2-phen...	17.25	4.0	ng/ul	115513	4	17.52	581476	20.0
Dibenzothiophene	17.34	6.0	ng/ul	174425	4	17.52	581476	20.0
Naphthalene, 1-ph...	18.03	2.0	ng/ul	59219	4	17.52	581476	20.0
Dibenzothiophene,...	18.24	2.2	ng/ul	63180	4	17.52	581476	20.0
Phenanthrene, 1-m...	18.40	8.7	ng/ul	251708	4	17.52	581476	20.0
4H-Cyclopenta[def...	18.59	20.8	ng/ul	604764	4	17.52	581476	20.0
5,16[1',2']:8,13[...	18.89	8.2	ng/ul	238346	4	17.52	581476	20.0
Phenanthrene, 3,6...	19.13	2.1	ng/ul	60206	4	17.52	581476	20.0
di-p-Tolylacetylene	19.29	8.1	ng/ul	234852	4	17.52	581476	20.0
unknown-01	19.37	3.4	ng/ul	100044	4	17.52	581476	20.0
Phenanthrene, 2,5...	19.66	2.1	ng/ul	60894	4	17.52	581476	20.0
Pyrene, 1-methyl-	20.24	2.7	ng/ul	352904	5	21.79	2603340	20.0
11H-Benzo[a]fluorene	20.41	6.0	ng/ul	788152	5	21.79	2603340	20.0
Phosphine oxide, ...	20.67	2.0	ng/ul	263900	5	21.79	2603340	20.0
Benz[a]anthracene...	22.54	2.8	ng/ul	369477	5	21.79	2603340	20.0
Benz[e]acephenant...	24.81	13.4	ng/ul	561819	6	25.11	841126	20.0
1,2:7,8-Dibenzoph...	29.39	3.3	ng/ul	138258	6	25.11	841126	20.0
Benzo[b]triphenylene	29.57	2.2	ng/ul	92984	6	25.11	841126	20.0