LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057774.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.033	325	331	339	rBV	103305	153518	8.63%	0.651%
2	5.497	403	410	421	rBV	383069	605767	34.07%	2.570%
3	7.083	671	680	690	rBV	408171	669835	37.67%	2.841%
4	7.923	816	823	830	rVB	152047	253666	14.26%	1.076%
5	9.081	1013	1020	1029	rBV	226333	395787	22.26%	1.679%
6	10.726	1292	1300	1307	rBV	205065	370959	20.86%	1.574%
7	13.182	1711	1718	1726	rVB	567177	843375	47.43%	3.578%
8	14.281	1901	1905	1915	rBV3	12155	23516	1.32%	0.100%
9	14.557	1942	1952	1958	rBV2	319840	513685	28.89%	2.179%
10	14.621	1958	1963	1970	rVB	37350	56503	3.18%	0.240%
11	14.956	2011	2020	2026	rBV2	26761	41795	2.35%	0.177%
12	15.603	2124	2130	2141	rVB2	47236	75301	4.23%	0.319%
13	15.914	2176	2183	2190	rVB2	94747	155293	8.73%	0.659%
14	16.043	2197	2205	2214	rBV	480334	716120	40.27%	3.038%
15	16.278	2239	2245	2250	rBV4	11442	20143	1.13%	0.085%
16	16.607	2298	2301	2305	rVB5	13931	20537	1.15%	0.087%
17	16.836	2332	2340	2343	rBV4	13054	25477	1.43%	0.108%
18	16.954	2355	2360	2367	rVB2	33069	53809	3.03%	0.228%
19	17.030	2367	2373	2376	rBV3	15064	29338	1.65%	0.124%
20	17.118	2382	2388	2397	rVB	35845	59680	3.36%	0.253%
21	17.301	2412	2419	2423	rBV	410273	653001	36.72%	2.770%
22	17.348	2423	2427	2433	rVV	633257	914526	51.43%	3.879%
23	17.436	2433	2442	2447	rVV	134092	216943	12.20%	0.920%
24	17.489	2447	2451	2456	rVB4	19687	33638	1.89%	0.143%
25	17.700	2478	2487	2492	rBV2	60276	115661	6.50%	0.491%
26	17.882	2514	2518	2523	rVB	24051	32044	1.80%	0.136%
27	18.023	2538	2542	2549	rVB	12313	21013	1.18%	0.089%
28	18.188	2559	2570	2573	rBV2	144825	285469	16.05%	1.211%
29	18.223	2573	2576	2582	rVV	143260	220214	12.38%	0.934%
30	18.305	2585	2590	2595	rVV2	52354	82698	4.65%	0.351%
31	18.376	2595	2602	2605	rVV3	147957	290664	16.35%	1.233%
32	18.411	2605	2608	2613	rVV	79715	109477	6.16%	0.464%
33	18.487	2616	2621	2624	rVV3	17951	35810	2.01%	0.152%
34	18.517	2624	2626	2631	rVV5	13200	20814	1.17%	0.088%
35	18.576	2632	2636	2639	rVV4	11697	17980	1.01%	0.076%
36	18.675	2648	2653	2656	rVV	81750	114667	6.45%	0.486%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.711	2656	2659	2666	rVB3	63885	97740	5.50%	0.415%
38	18.805	2671	2675	2680	rBV3	14203	21714	1.22%	0.092%
39	18.922	2691	2695	2698	rVB	32275	35714	2.01%	0.151%
40	18.969	2700	2703	2707	rBV2	22218	25057	1.41%	0.106%
41	19.010	2707	2710	2715	rVB2	32693	40893	2.30%	0.173%
42	19.093	2718	2724	2729	rBV	83553	149699	8.42%	0.635%
43	19.157	2730	2735	2737	rVV4	22282	34142	1.92%	0.145%
44	19.234	2743	2748	2755	rBV	73483	129703	7.29%	0.550%
45	19.357	2763	2769	2776	rVB	1176552	1609234	90.50%	6.826%
46	19.422	2776	2780	2782	rBV	21763	30392	1.71%	0.129%
47	19.457	2782	2786	2791	rVB3	42409	66417	3.73%	0.282%
48	19.545	2797	2801	2805	rBV4	27637	41042	2.31%	0.174%
49	19.598	2806	2810	2814	rVV	39177	52080	2.93%	0.221%
50	19.715	2826	2830	2838	rVB	958001	1480123	83.23%	6.279%
51	19.786	2838	2842	2849	rVB2	58715	105236	5.92%	0.446%
52	19.921	2849	2865	2869	rBV	924159	1377690	77.47%	5.844%
53	19.956	2869	2871	2876	rVB	67811	78416	4.41%	0.333%
54	20.044	2879	2886	2891	rBV3	88462	231690	13.03%	0.983%
55	20.174	2903	2908	2909	rBV4	54240	74367	4.18%	0.315%
56	20.209	2910	2914	2919	rVB2	133855	206464	11.61%	0.876%
57	20.309	2927	2931	2935	rBV	69957	86827	4.88%	0.368%
58	20.368	2935	2941	2945	rVV2	110046	181609	10.21%	0.770%
59	20.403	2945	2947	2951	rVB2	34298	35289	1.98%	0.150%
60	20.450	2952	2955	2960	rVB5	26111	36115	2.03%	0.153%
61	20.503	2960	2964	2968	rBV	76258	109123	6.14%	0.463%
62	20.550	2968	2972	2976	rVV2	68057	94732	5.33%	0.402%
63	20.761	3004	3008	3010	rBV4	19957	35039	1.97%	0.149%
64	20.791	3011	3013	3017	rVB4	27526	39720	2.23%	0.168%
65	20.961	3037	3042	3049	rVB	136601	214277	12.05%	0.909%
66	21.143	3065	3073	3077	rBV3	115516	246976	13.89%	1.048%
67	21.184	3077	3080	3082	rBV2	70115	90911	5.11%	0.386%
68	21.284	3093	3097	3108	rVB2	140272	257634	14.49%	1.093%
69	21.496	3130	3133	3135	rBV	29483	41564	2.34%	0.176%
70	21.543	3135	3141	3148	rVV3	675568	1778250	100.00%	7.543%
71	21.601	3148	3151	3163	rVB	492154	793862	44.64%	3.367%
72	21.754	3172	3177	3182	rBV2	75958	125669	7.07%	0.533%
73	21.948	3206	3210	3217	rBV3	62467	119415	6.72%	0.507%
74	22.013	3218	3221	3226	rBV7	25704	38936	2.19%	0.165%
75	22.271	3262	3265	3271	rVB	93623	142560	8.02%	0.605%
76	22.342	3273	3277	3285	rVB2	72595	132080	7.43%	0.560%

LSC Area Percent Report

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Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % 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:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.541	3307	3311	3315	rBV3	37170	53486	3.01%	0.227%
78	23.711	3501	3510	3518	rBV	354741	1217162	68.45%	5.163%
79	23.957	3547	3552	3561	rVB	67632	142535	8.02%	0.605%
80	24.416	3622	3630	3644	rVB2	211447	626771	35.25%	2.659%
81	24.557	3645	3654	3663	rBV	297593	797001	44.82%	3.381%
82	24.710	3671	3680	3687	rBV	257343	730331	41.07%	3.098%
83	24.786	3689	3693	3705	rVB3	88122	240559	13.53%	1.020%
84	28.294	4279	4290	4313	rVB5	131791	668866	37.61%	2.837%
85	29.422	4469	4482	4491	rBV	87511	360393	20.27%	1.529%

Sum of corrected areas: 23574228

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Misc :
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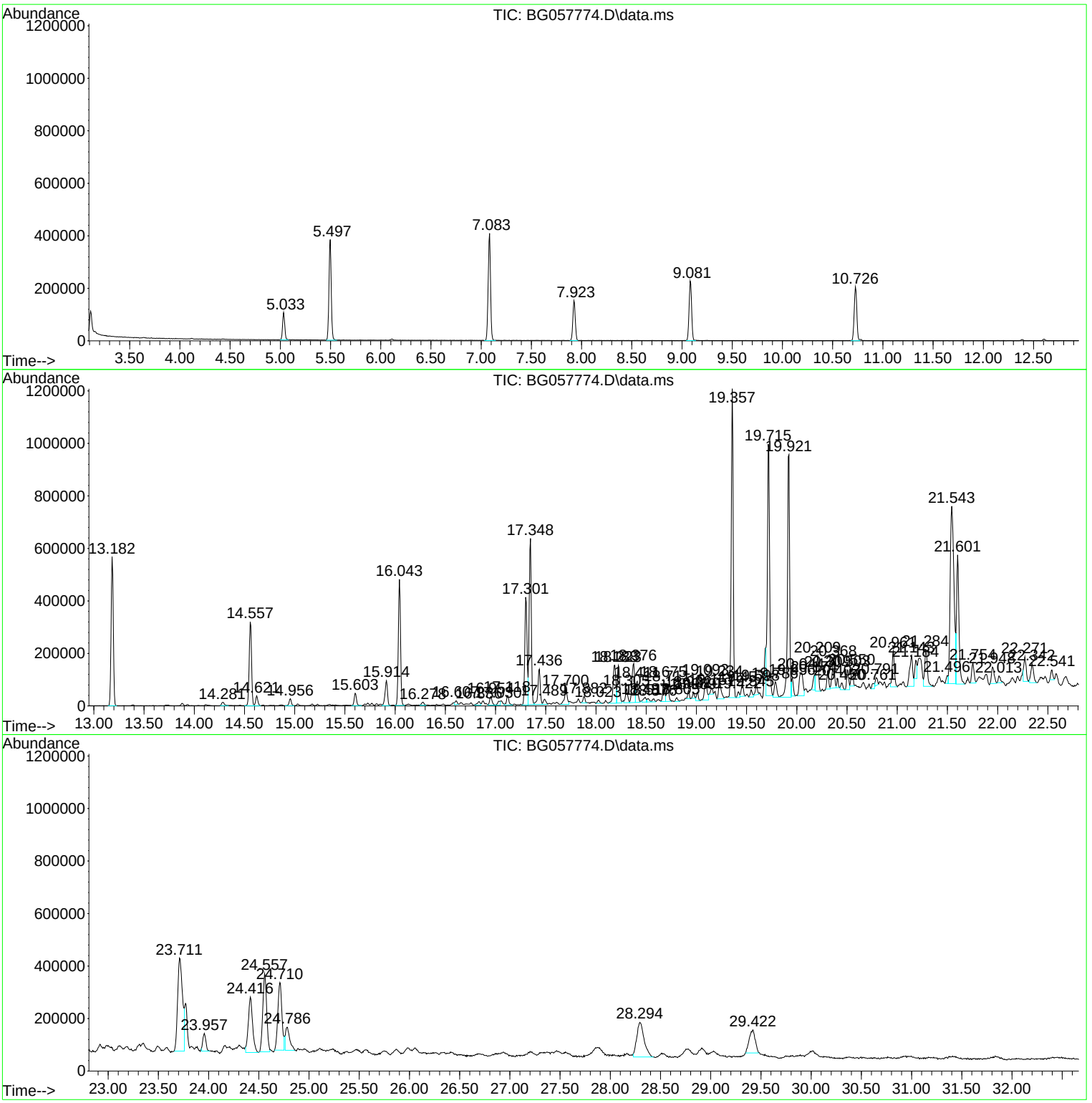
Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
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BNA_G
ClientSampleId :
SB-01-0-2.0

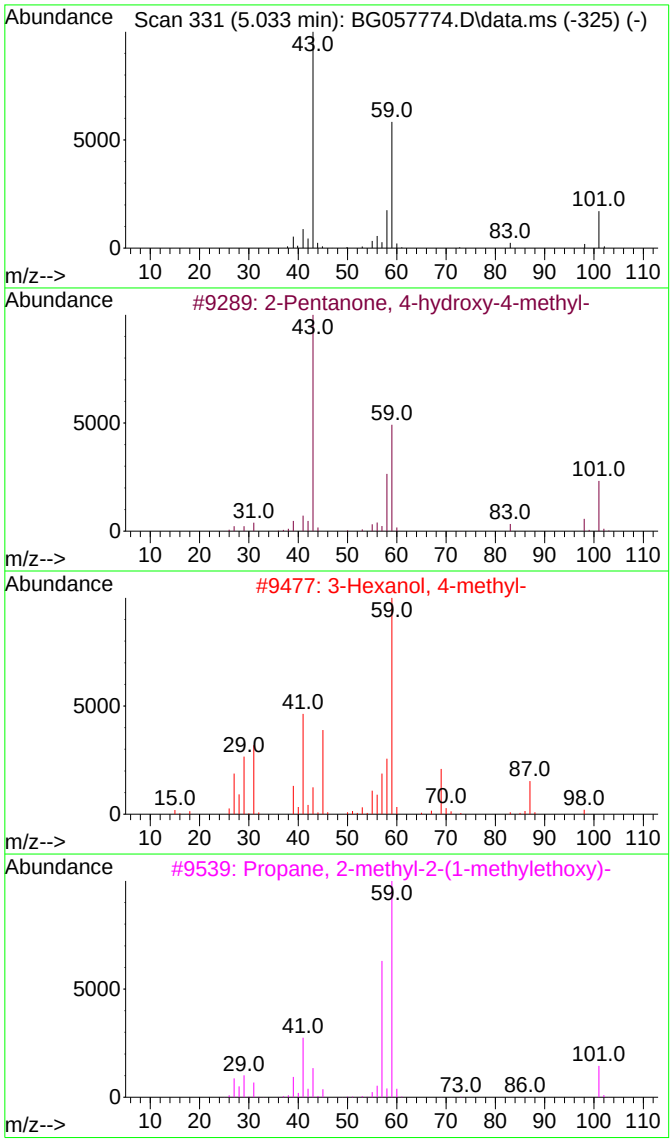
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

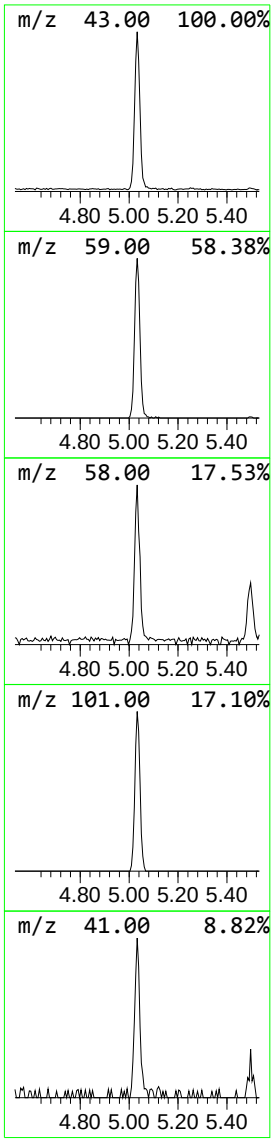
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.033	12.10 ng	153518	1,4-Dichlorobenzene-d4	7.923

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	3-Octanol	130	C8H18O	000589-98-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
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Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

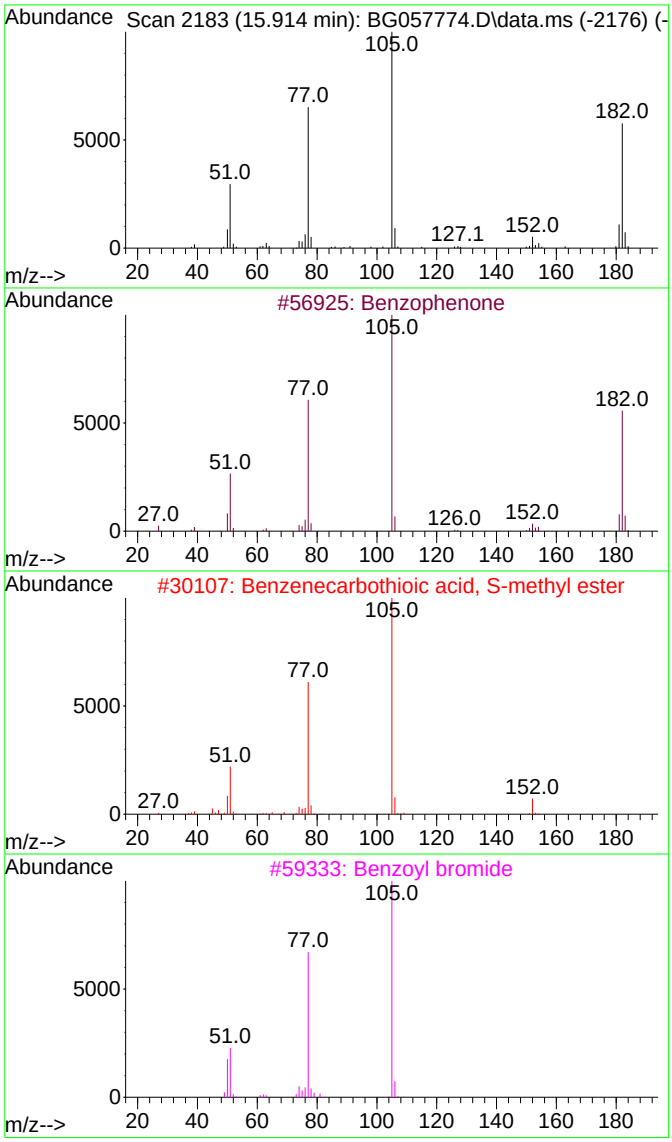
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

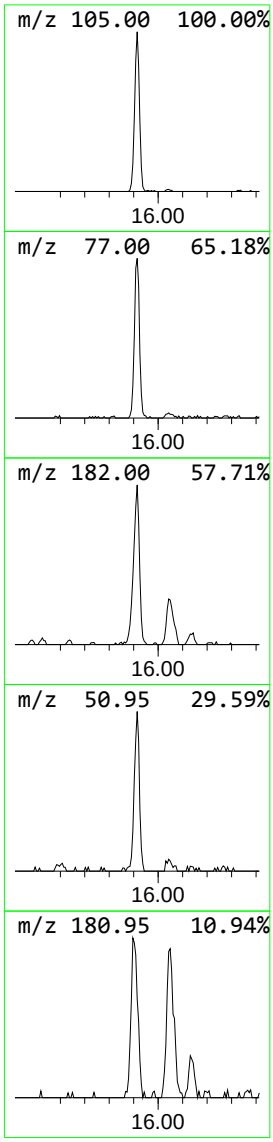
****

Peak Number 2 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.914	6.05 ng	155293	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	49
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	1-Propanone, 2-bromo-1-phenyl-	212	C9H9BrO	002114-00-3	47
5	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47





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Data File : BG057774.D
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Instrument :
BNA_G
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SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

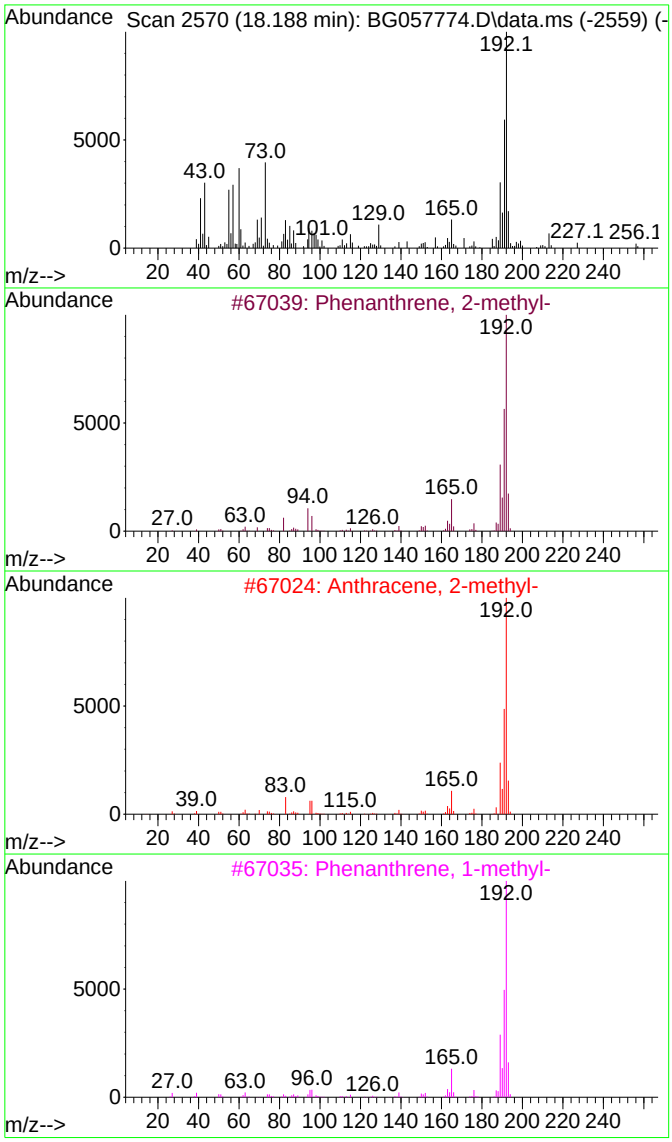
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

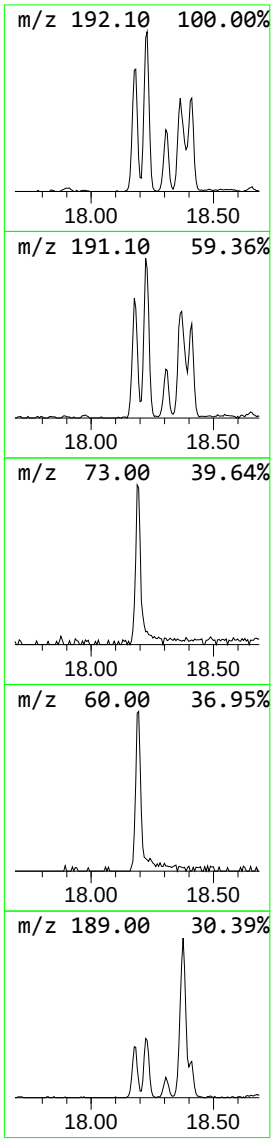
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.188	8.74 ng	285469	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

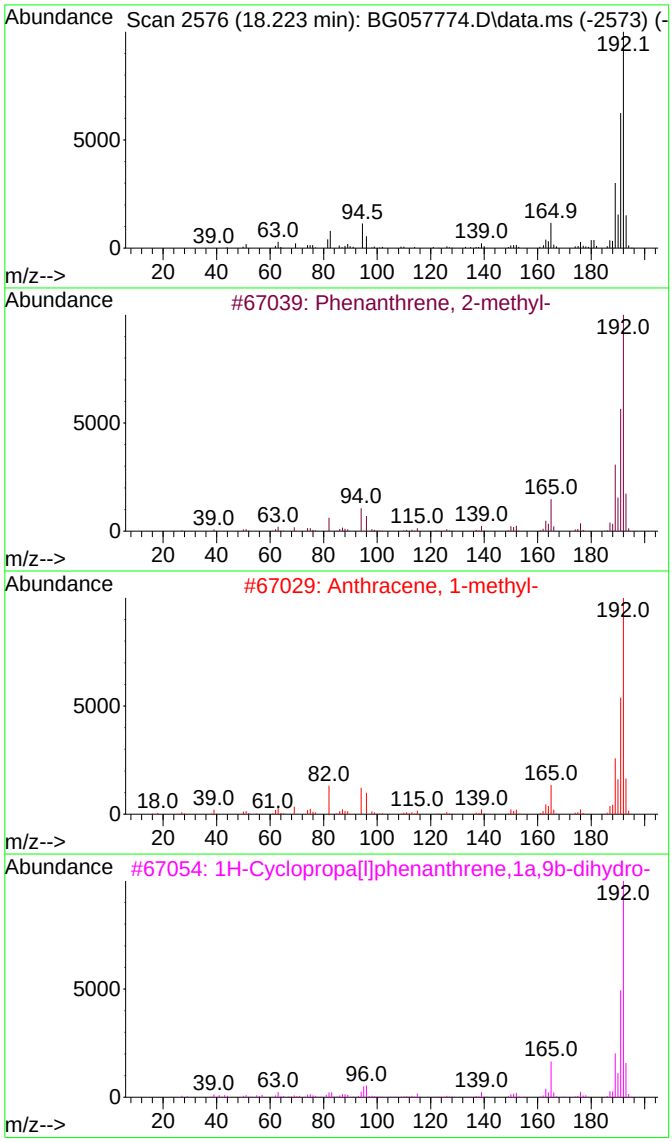
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

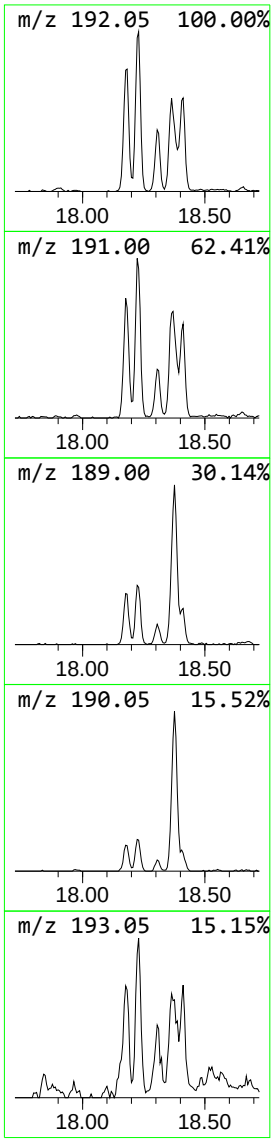
****

Peak Number 4 Anthracene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	6.74 ng	220214	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Data File : BG057774.D
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Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

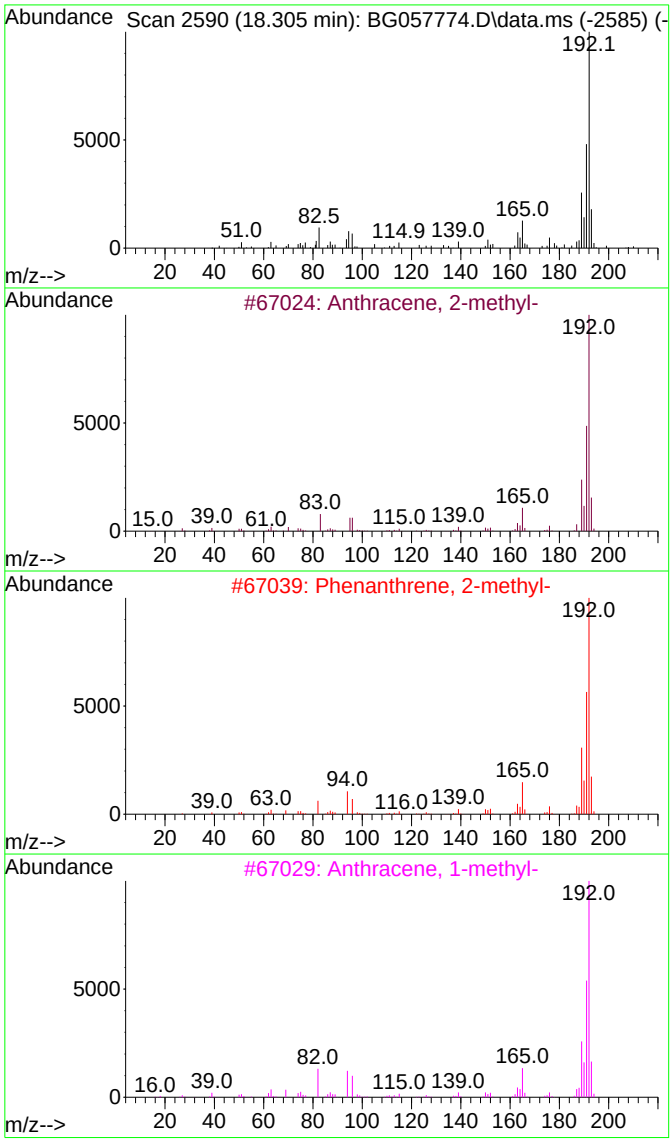
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

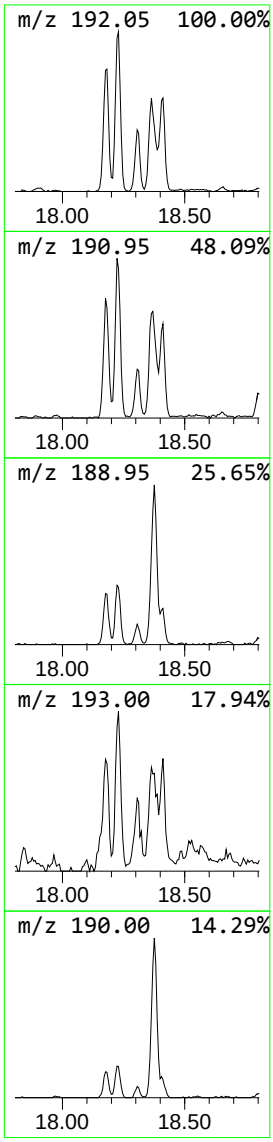
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	2.53 ng	82698	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Data File : BG057774.D
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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

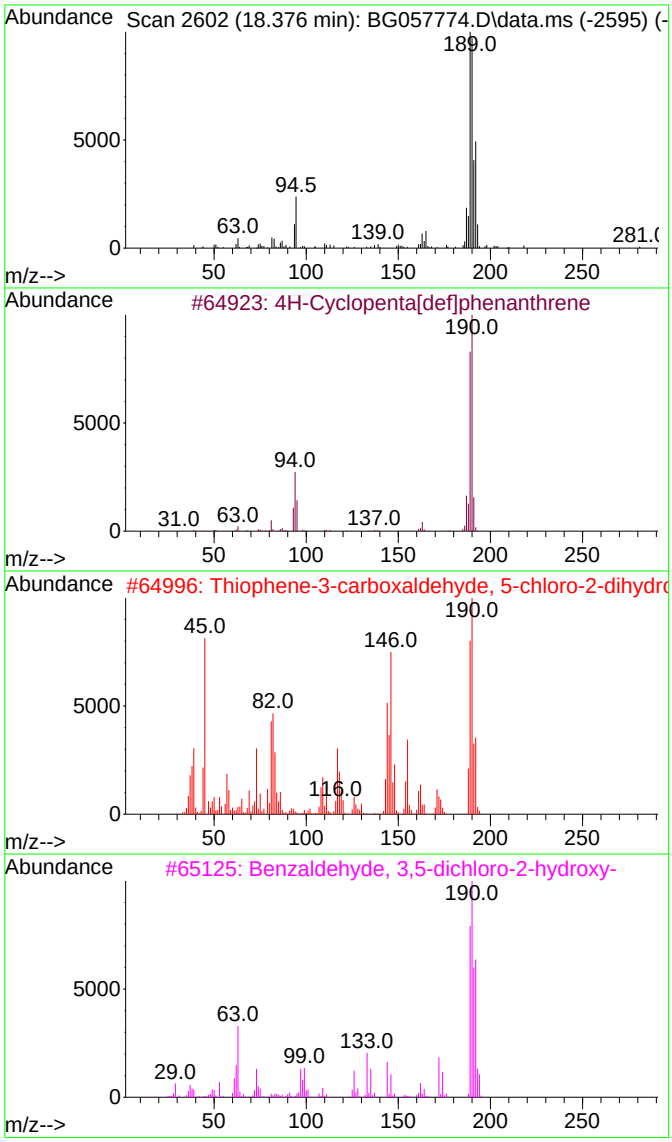
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

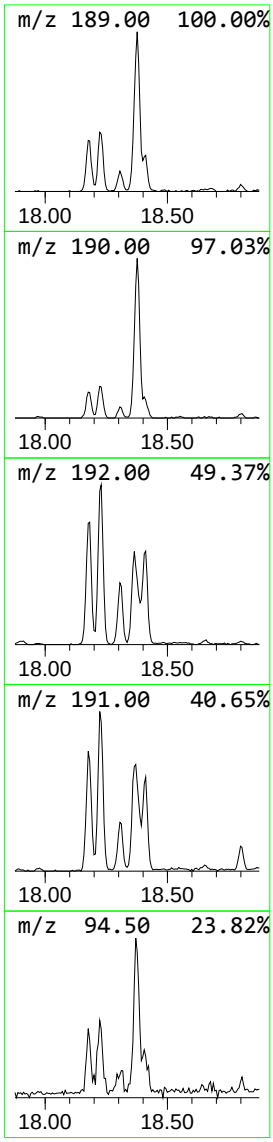
****

Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.376	8.90 ng	290664	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	53
3	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40





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Sample : 03289-01
Misc :
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ClientSampleId :
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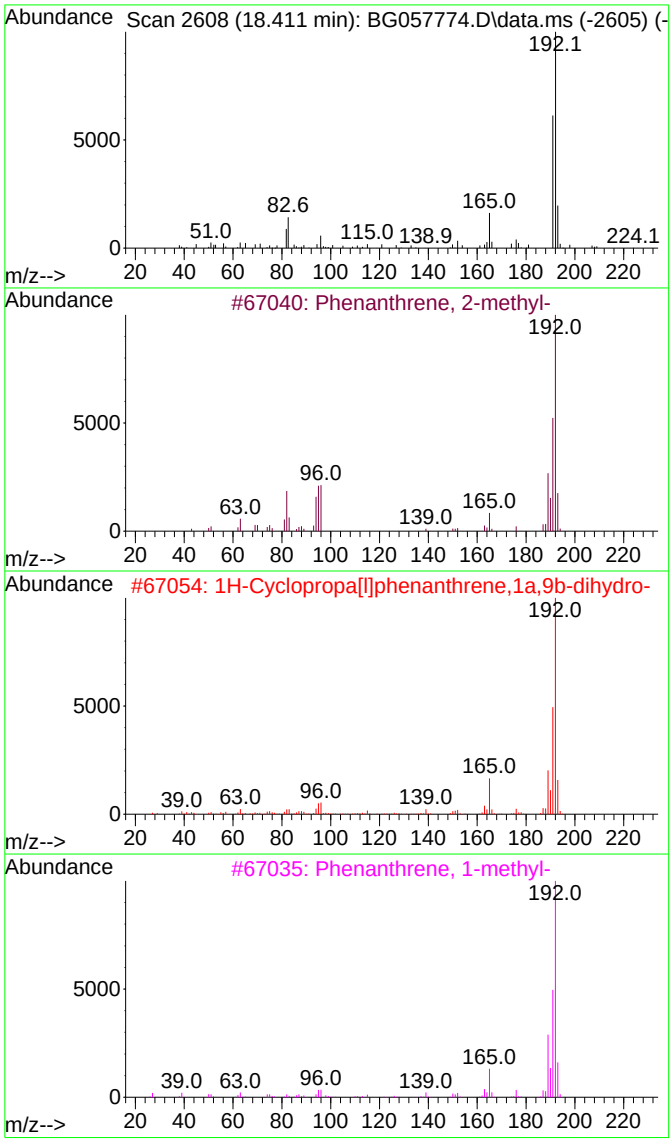
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

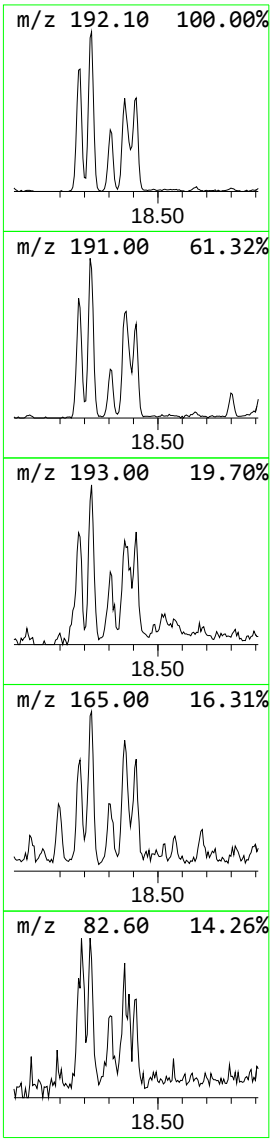
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.411	3.35 ng	109477	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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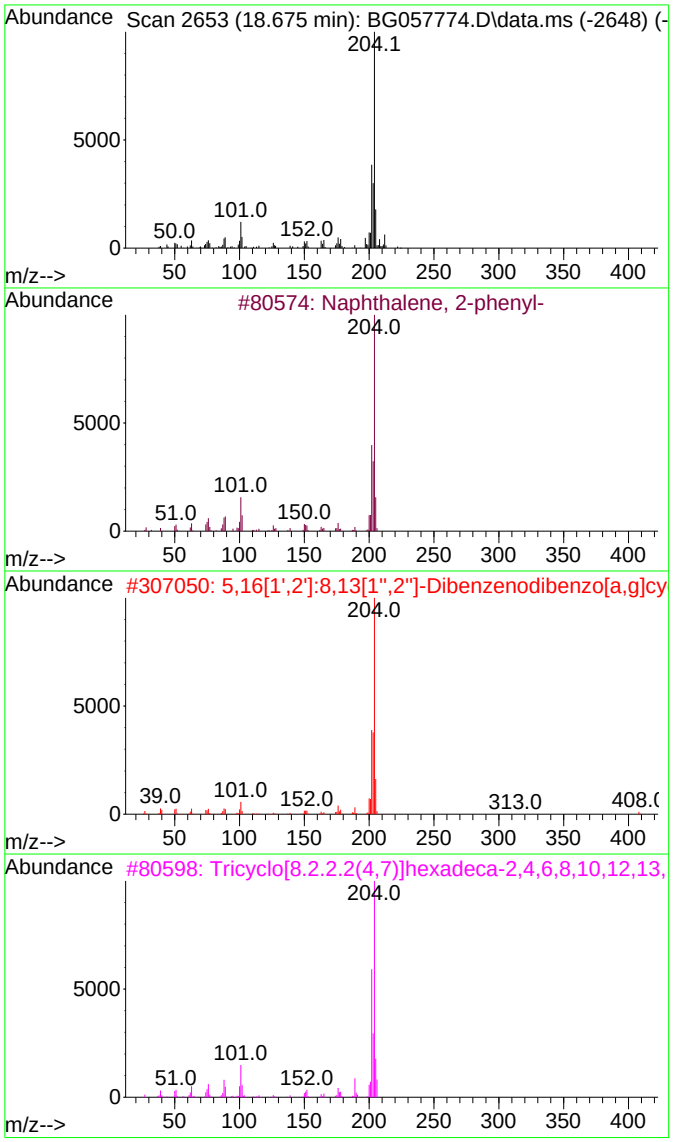
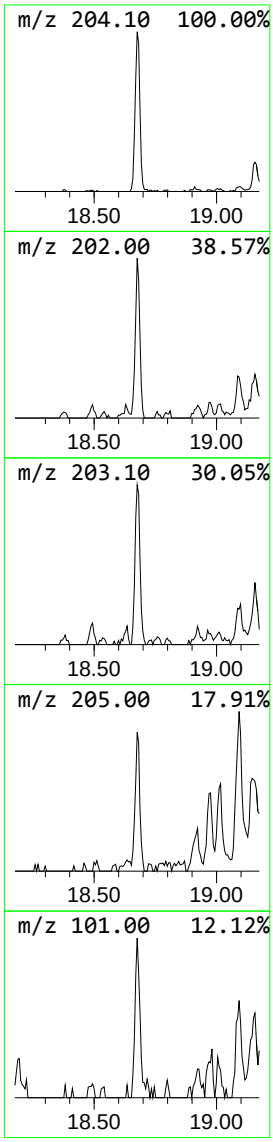
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	3.51 ng	114667	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60





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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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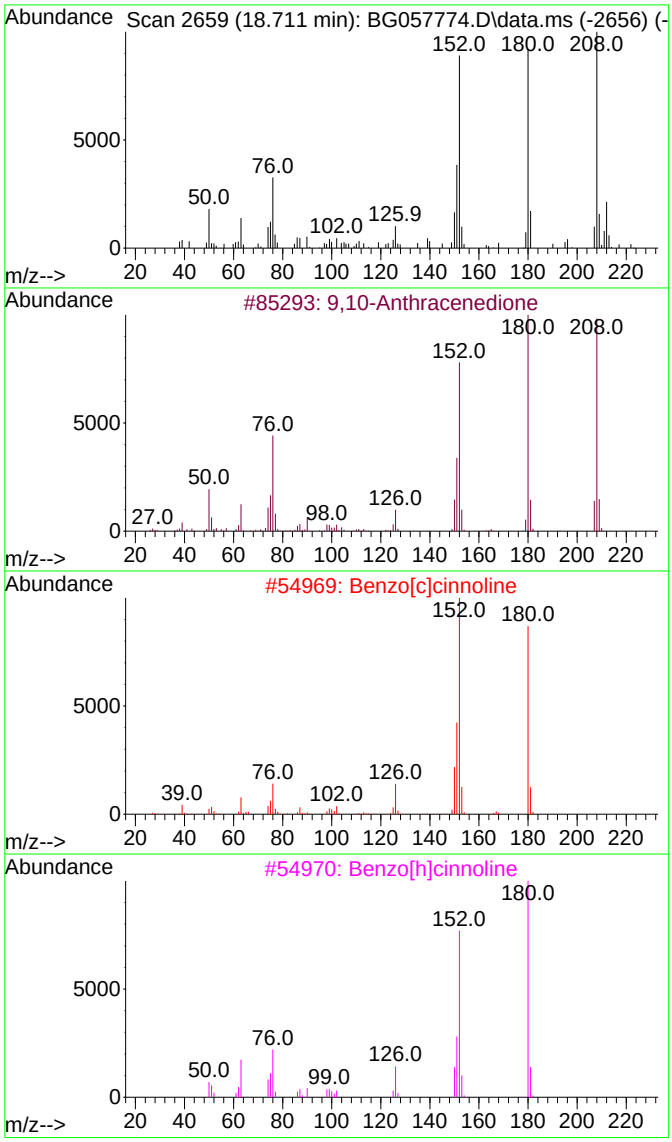
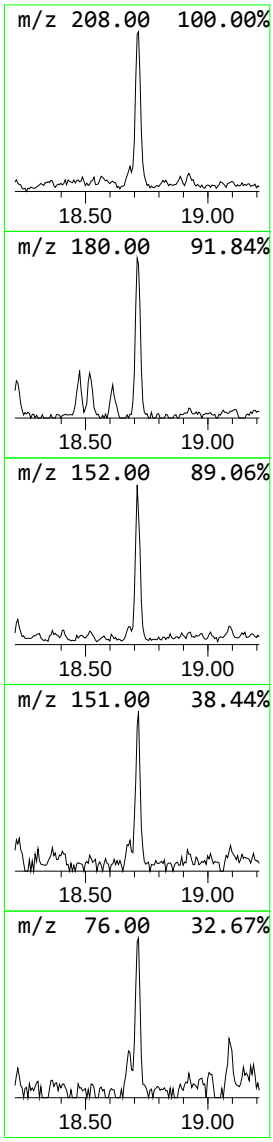
Peak Number 9 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.711	2.99 ng	97740	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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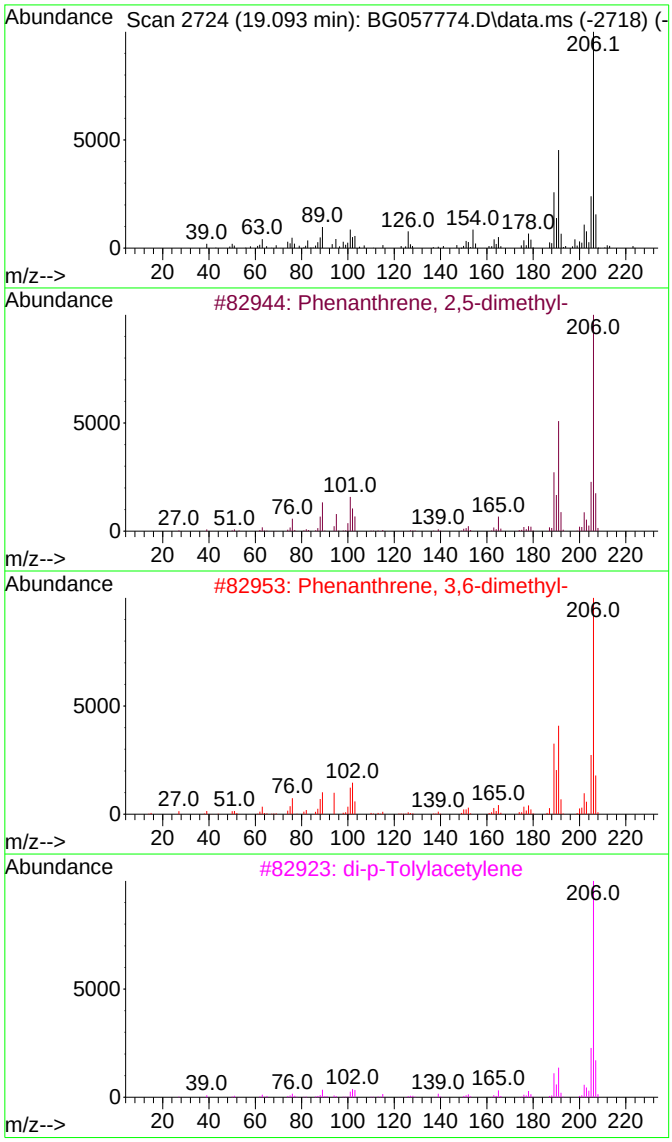
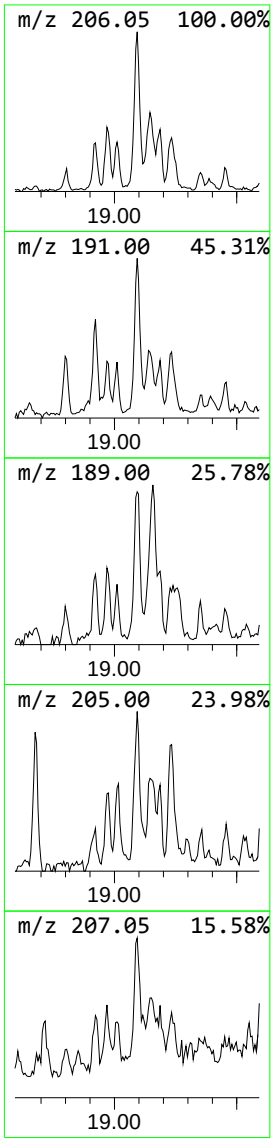
Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.093	4.58 ng	149699	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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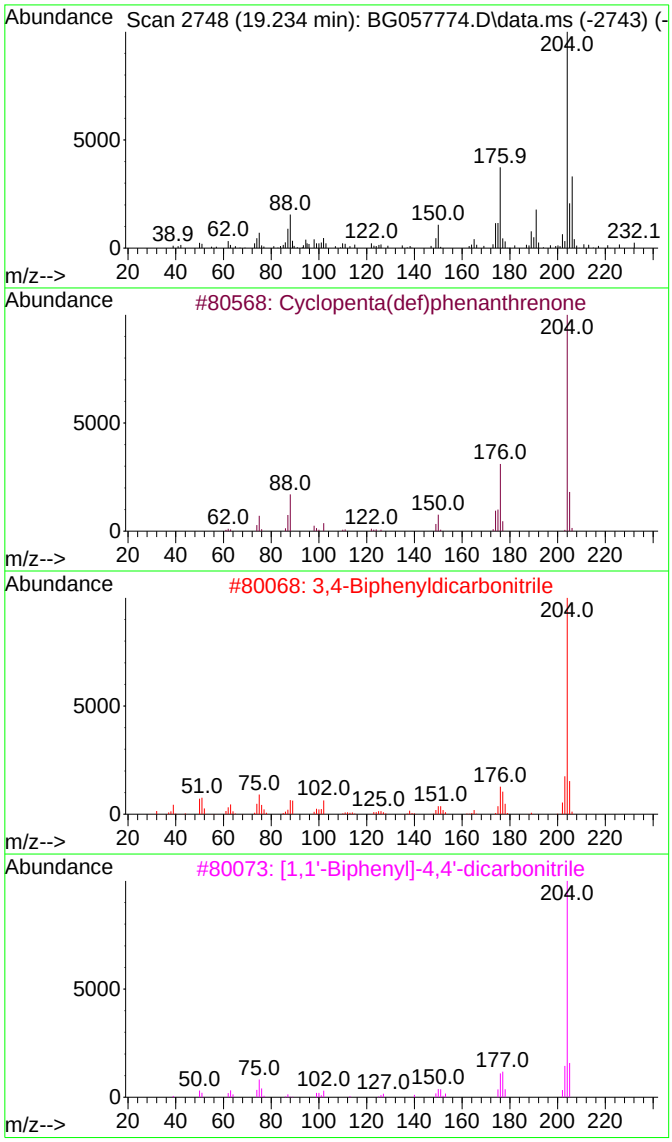
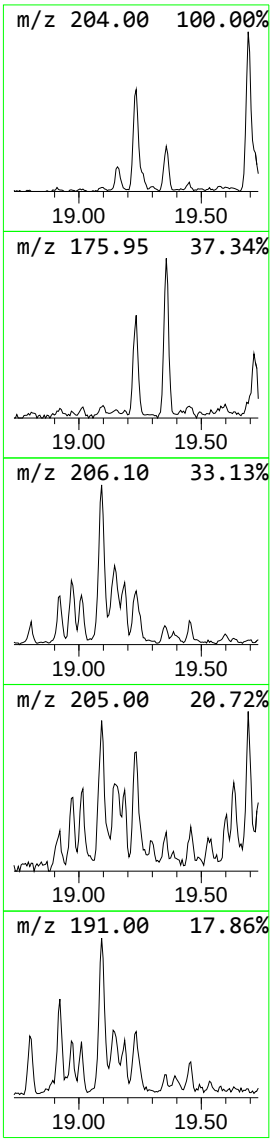
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.234	3.97 ng	129703	Phenanthrene-d10	17.301

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	50
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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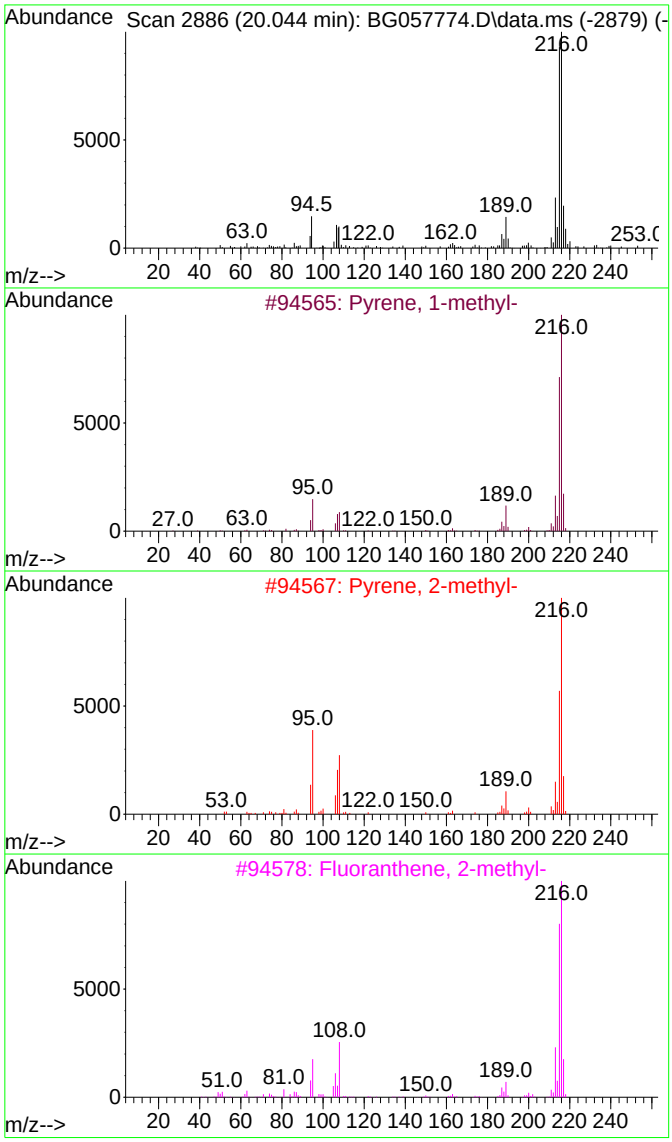
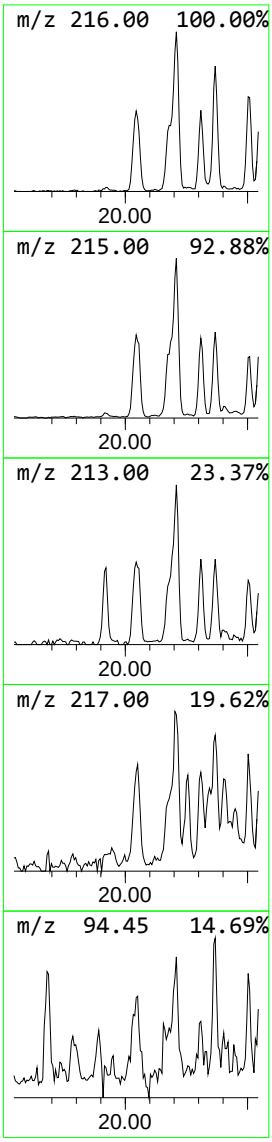
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.044	2.61 ng	231690	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	72





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

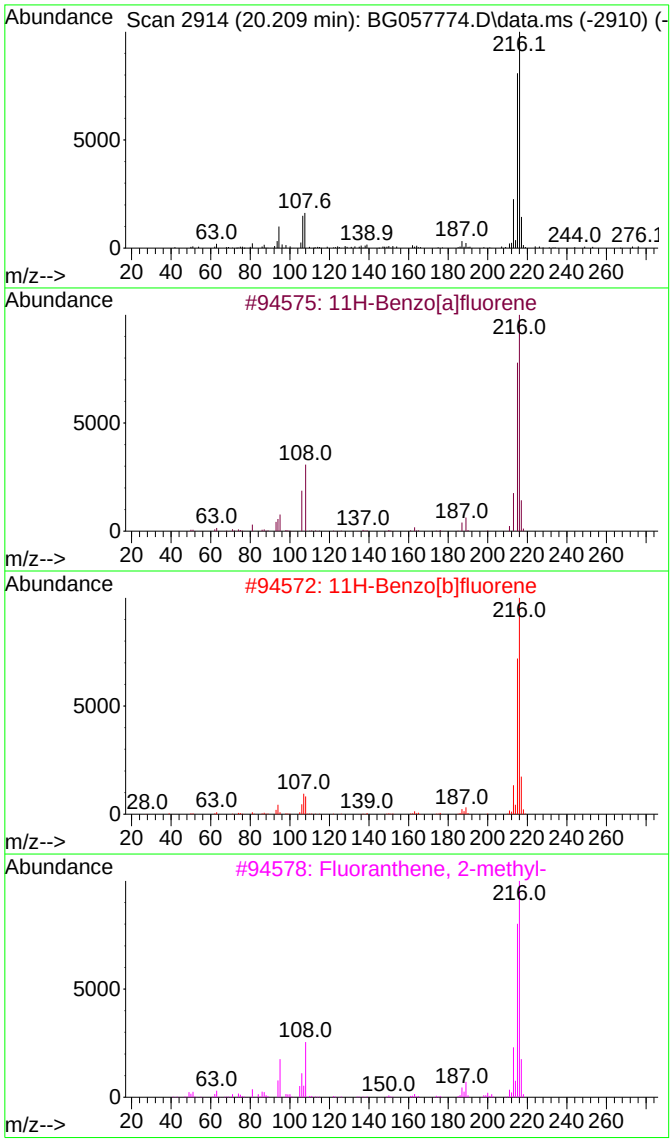
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

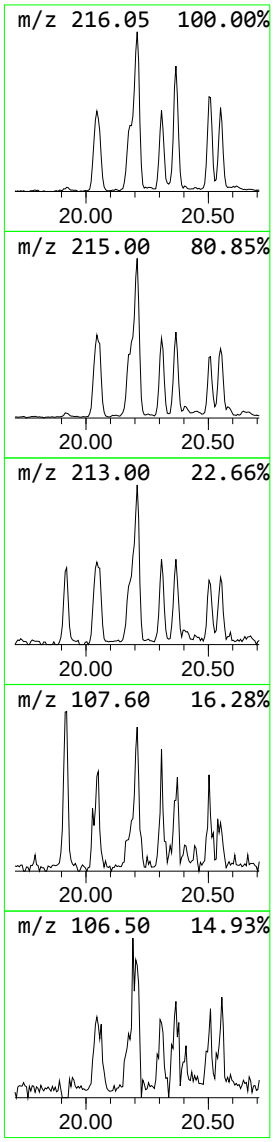
****

Peak Number 13 11H-Benzo[a]fluorene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.209	2.32 ng	206464	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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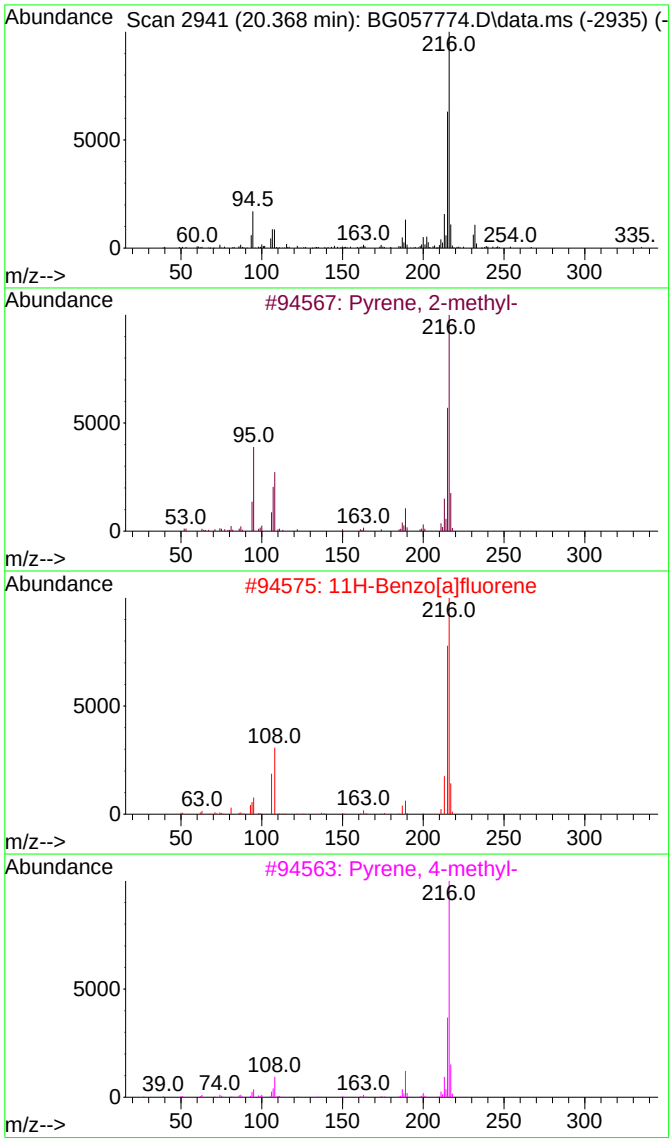
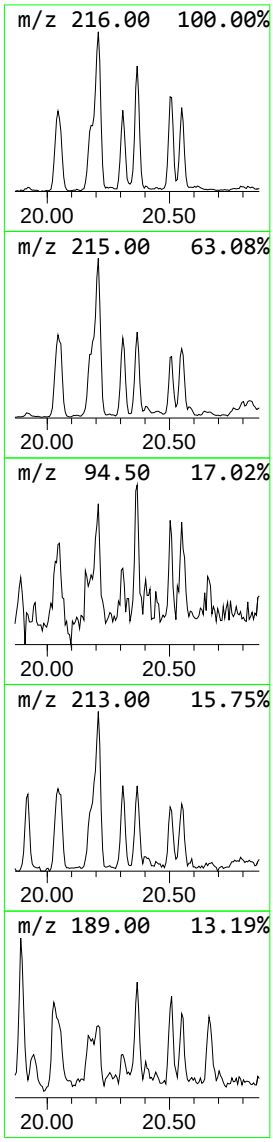
Peak Number 14 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.368	2.04 ng	181609	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	74
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	70
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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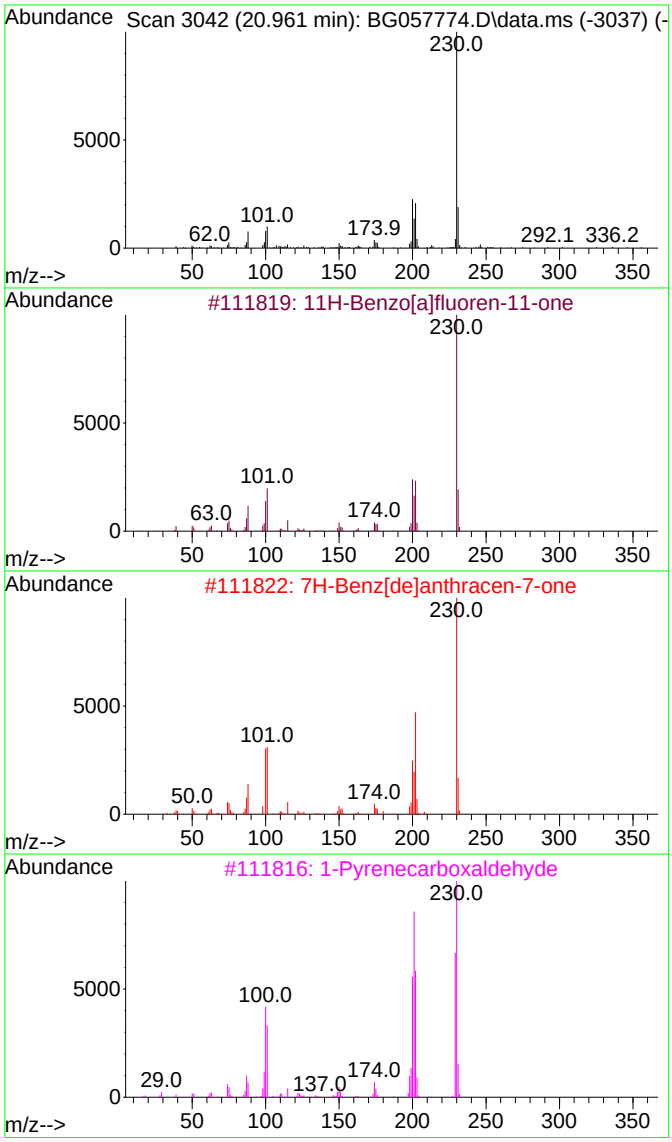
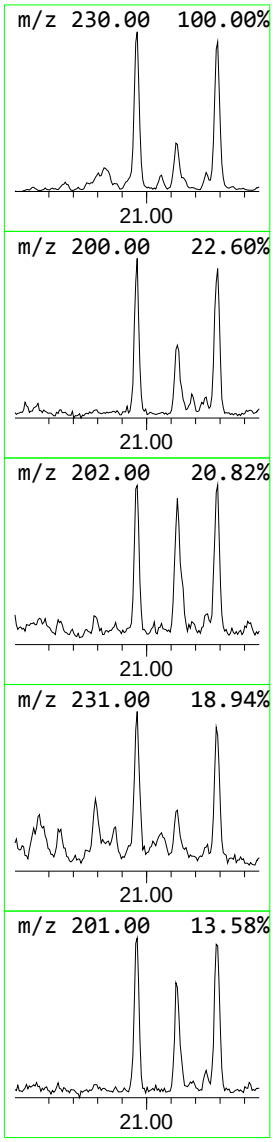
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.961	2.41 ng	214277	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	78
4	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
5	o-Terphenyl	230	C18H14	000084-15-1	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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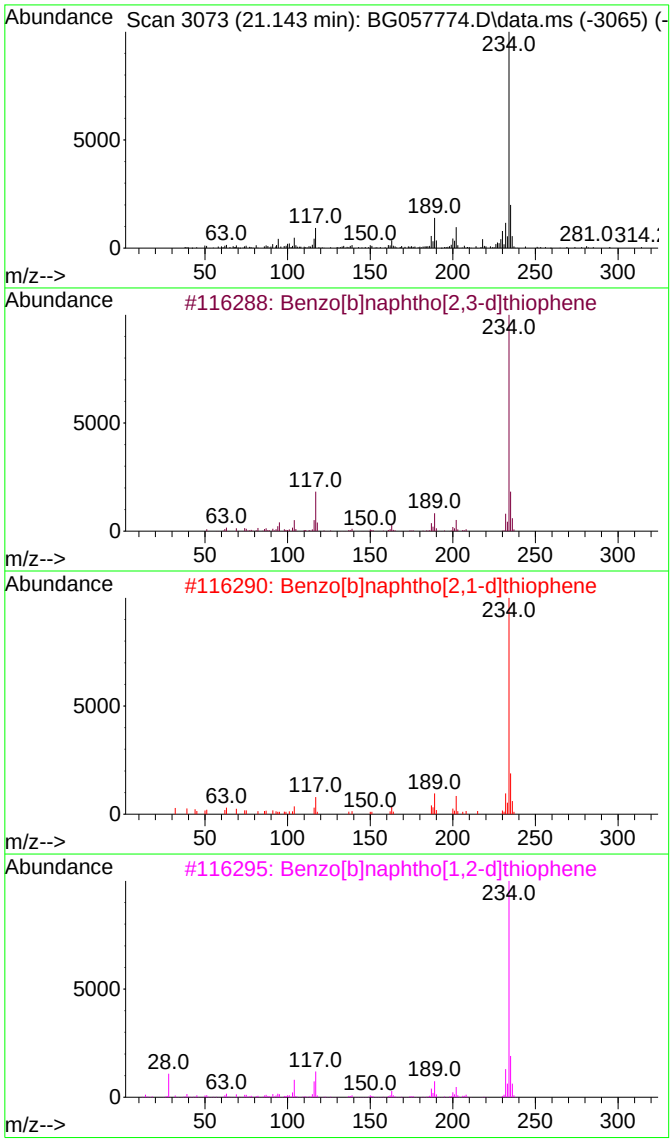
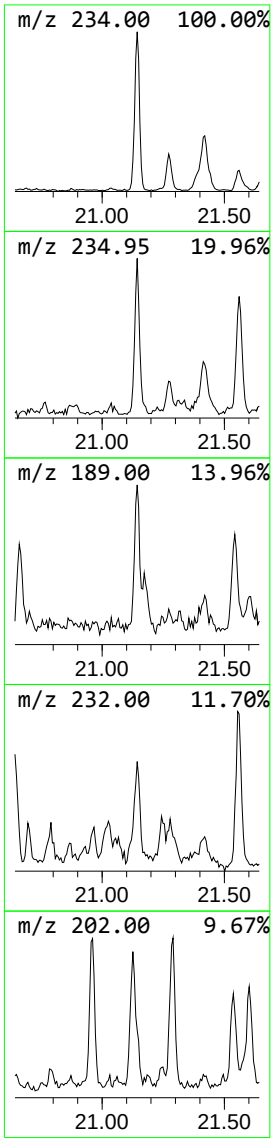
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.143	2.78 ng	246976	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	81
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	81





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TIC Library : C:\Database\NIST20.L
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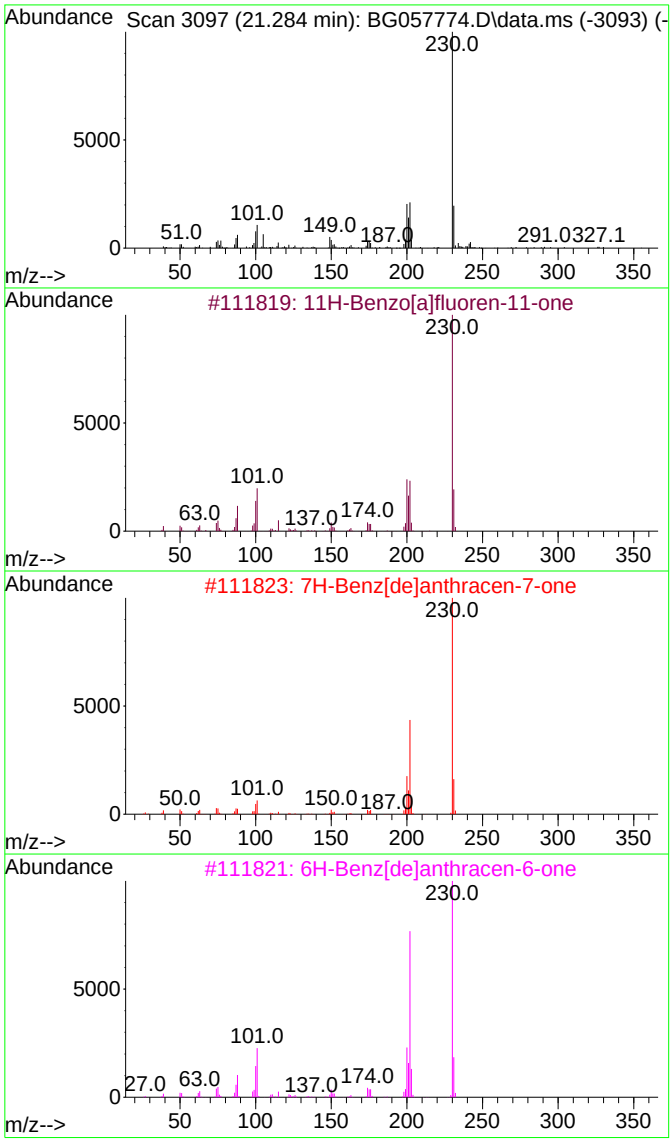
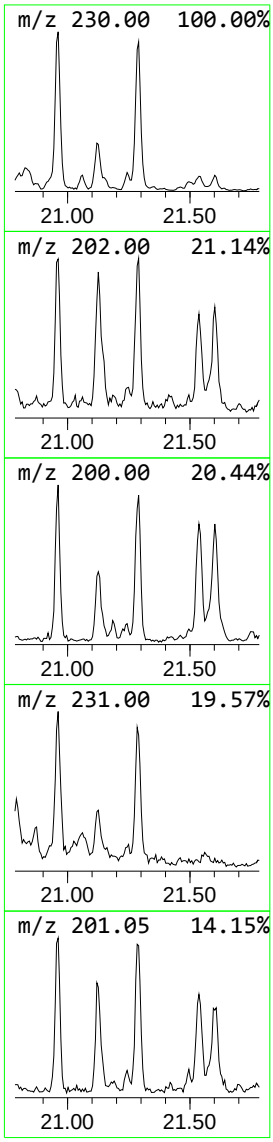
Peak Number 17 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.284	2.90 ng	257634	Chrysene-d12	21.554

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	o-Terphenyl	230	C18H14	000084-15-1	58
5	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	56





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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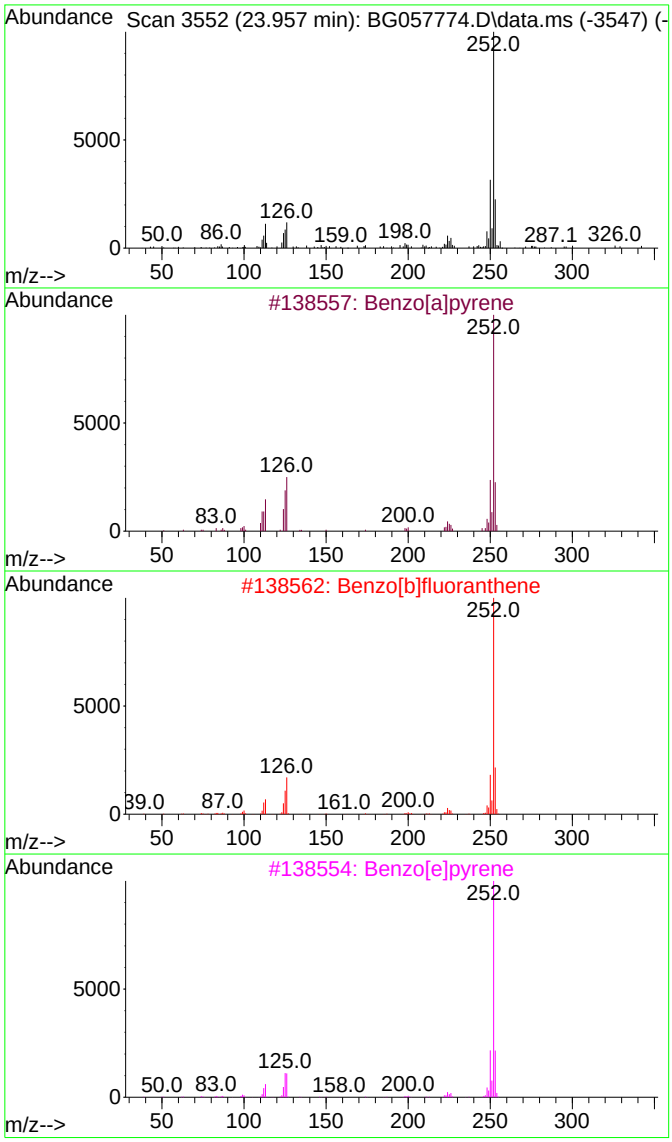
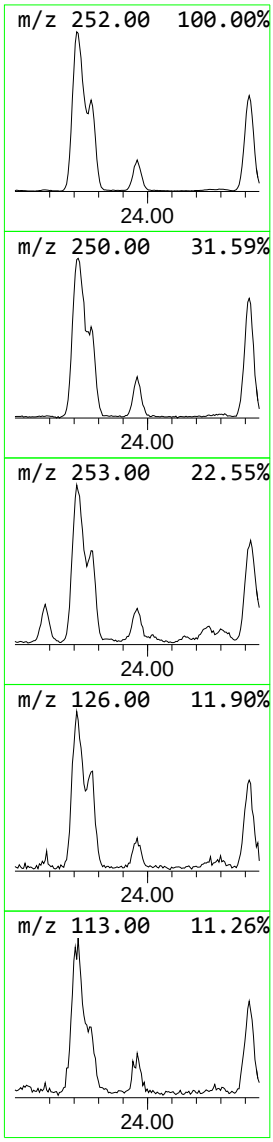
Peak Number 18 Benzo[e]pyrene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.958	3.90 ng	142535	Perylene-d12	24.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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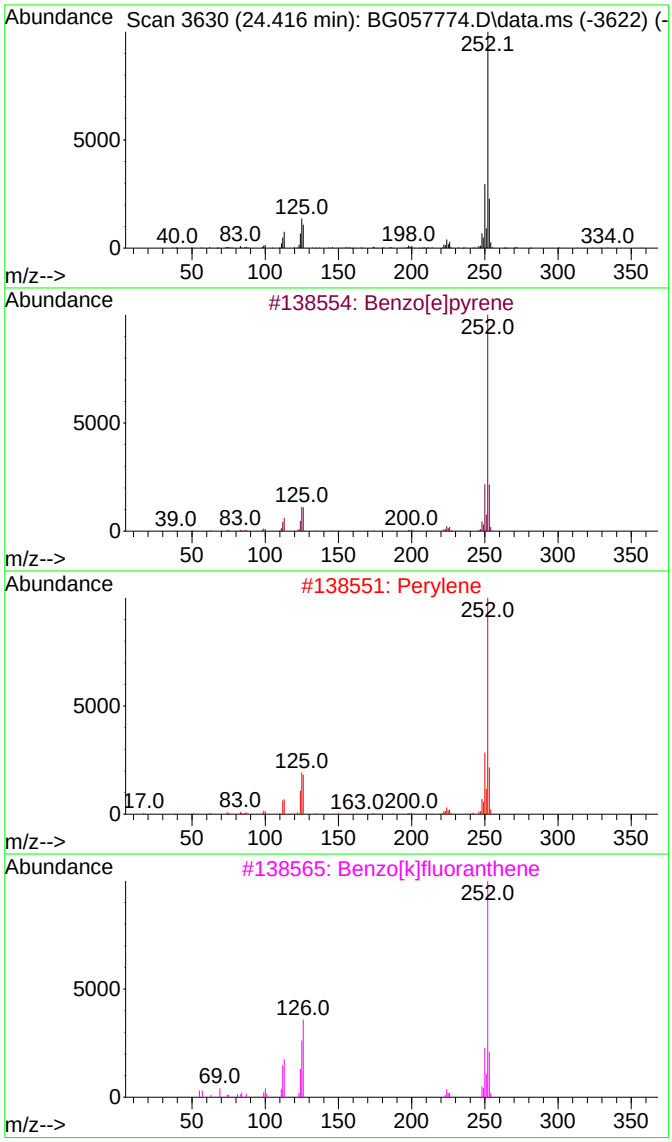
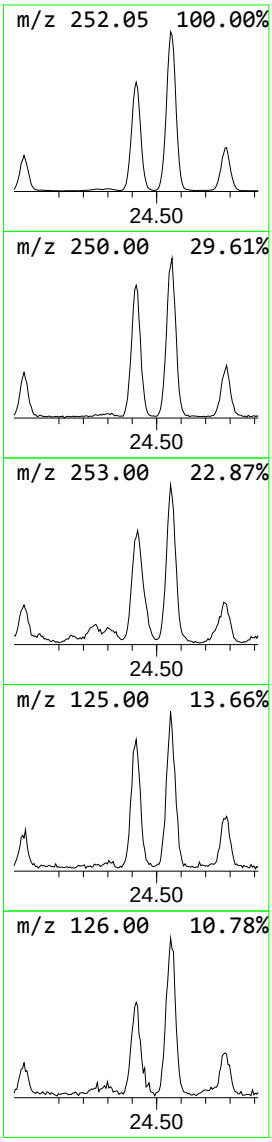
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.416	17.16 ng	626771	Perylene-d12	24.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Perylene	252	C20H12	000198-55-0	96
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[a]pyrene	252	C20H12	000050-32-8	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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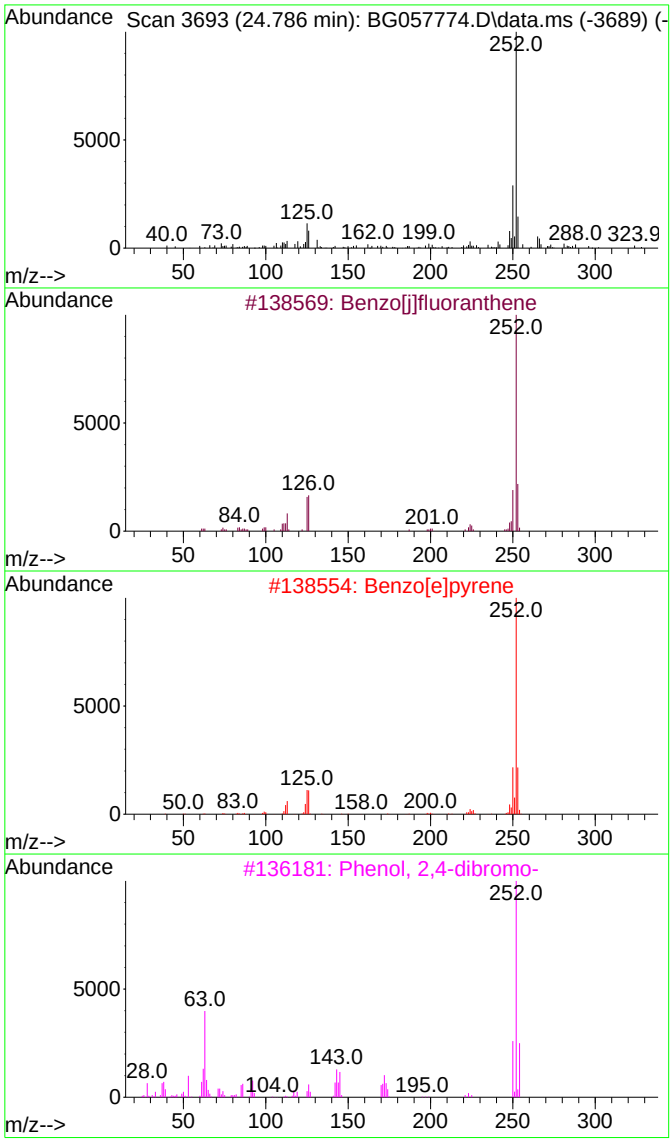
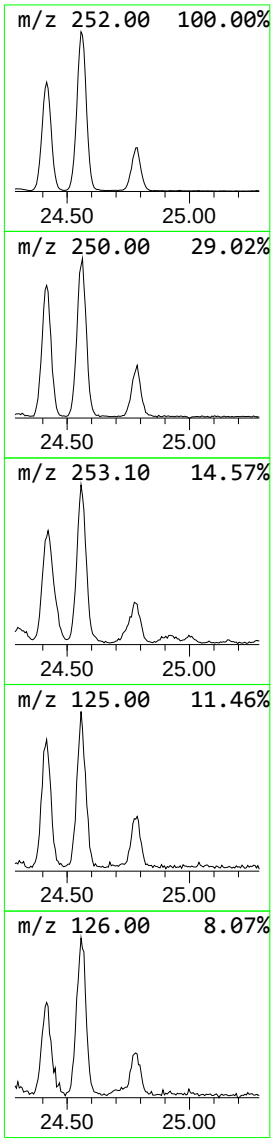
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.786	6.59 ng	240559	Perylene-d12	24.709

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[j]fluoranthene	252	C20H12	000205-82-3	70
2	Benzo[e]pyrene	252	C20H12	000192-97-2	68
3	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	59
4	Benzo[a]pyrene	252	C20H12	000050-32-8	53
5	Imidazole-2-thiol, 1,5-diphenyl-	252	C15H12N2S	136802-77-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG062023\
Data File : BG057774.D
Acq On : 20 Jun 2023 13:28
Operator : CG/JU
Sample : 03289-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-01-0-2.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG061923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

					--Internal Standard---			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-...	5.033	12.1	ng	153518	1	7.923	253666	20.0
Benzophenone	15.914	6.0	ng	155293	3	14.557	513685	20.0
Phenanthrene, 2...	18.188	8.7	ng	285469	4	17.301	653001	20.0
Anthracene, 1-m...	18.223	6.7	ng	220214	4	17.301	653001	20.0
Anthracene, 2-m...	18.305	2.5	ng	82698	4	17.301	653001	20.0
4H-Cyclopenta[d...	18.376	8.9	ng	290664	4	17.301	653001	20.0
1H-Cyclopropa[l...	18.411	3.4	ng	109477	4	17.301	653001	20.0
Naphthalene, 2-...	18.675	3.5	ng	114667	4	17.301	653001	20.0
9,10-Anthracene...	18.711	3.0	ng	97740	4	17.301	653001	20.0
Phenanthrene, 2...	19.093	4.6	ng	149699	4	17.301	653001	20.0
Cyclopenta(def)...	19.234	4.0	ng	129703	4	17.301	653001	20.0
Pyrene, 1-methyl-	20.044	2.6	ng	231690	5	21.554	1778250	20.0
11H-Benzo[a]flu...	20.209	2.3	ng	206464	5	21.554	1778250	20.0
Pyrene, 2-methyl-	20.368	2.0	ng	181609	5	21.554	1778250	20.0
11H-Benzo[a]flu...	20.961	2.4	ng	214277	5	21.554	1778250	20.0
Benzo[b]naphtho...	21.143	2.8	ng	246976	5	21.554	1778250	20.0
7H-Benz[de]anth...	21.284	2.9	ng	257634	5	21.554	1778250	20.0
Benzo[e]pyrene	23.958	3.9	ng	142535	6	24.709	730331	20.0
Perylene	24.416	17.2	ng	626771	6	24.709	730331	20.0
Benzo[j]fluoran...	24.786	6.6	ng	240559	6	24.709	730331	20.0