LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG053048.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.696	386	393	400	rBV	121953	208223	12.24%	1.077%
2	7.282	654	663	672	rBV	141302	246967	14.52%	1.277%
3	8.134	801	808	816	rVB	176749	303773	17.85%	1.571%
4	9.291	997	1005	1012	rBV	90400	167076	9.82%	0.864%
5	10.942	1276	1286	1292	rBV2	229028	427388	25.12%	2.210%
6	13.374	1693	1700	1709	rBV	227485	349169	20.52%	1.806%
7	14.478	1880	1888	1898	rBV2	18303	38125	2.24%	0.197%
8	14.748	1921	1934	1940	rBV	364318	584593	34.36%	3.023%
9	14.813	1940	1945	1952	rVB	36820	56398	3.31%	0.292%
10	15.142	1995	2001	2006	rBV	24210	37429	2.20%	0.194%
11	15.794	2105	2112	2117	rBV2	35344	60449	3.55%	0.313%
12	16.088	2156	2162	2169	rVB2	17620	30184	1.77%	0.156%
13	16.235	2180	2187	2194	rBV	185002	298697	17.56%	1.545%
14	16.798	2278	2283	2287	rVV7	15890	28675	1.69%	0.148%
15	17.022	2312	2321	2325	rBV6	19110	40159	2.36%	0.208%
16	17.145	2337	2342	2348	rVB2	28925	48014	2.82%	0.248%
17	17.239	2356	2358	2362	rVB5	20306	24688	1.45%	0.128%
18	17.310	2366	2370	2377	rVB2	27623	43507	2.56%	0.225%
19	17.492	2394	2401	2405	rBV	430191	699945	41.14%	3.619%
20	17.533	2405	2408	2415	rVV	545092	820532	48.23%	4.243%
21	17.627	2419	2424	2429	rVV	119544	189416	11.13%	0.979%
22	17.674	2429	2432	2438	rVB5	18328	30589	1.80%	0.158%
23	17.885	2461	2468	2473	rBV2	39320	78158	4.59%	0.404%
24	18.009	2485	2489	2492	rBV2	20297	22805	1.34%	0.118%
25	18.367	2546	2550	2554	rVV2	88710	140004	8.23%	0.724%
26	18.414	2554	2558	2565	rVB	122508	194852	11.45%	1.008%
27	18.496	2565	2572	2577	rBV2	54515	97291	5.72%	0.503%
28	18.561	2577	2583	2587	rVV4	131474	260083	15.29%	1.345%
29	18.596	2587	2589	2595	rVB	65077	81616	4.80%	0.422%
30	18.667	2596	2601	2604	rBV7	15042	20504	1.21%	0.106%
31	18.860	2629	2634	2637	rBV	74799	97926	5.76%	0.506%
32	18.902	2637	2641	2647	rVB	61994	93194	5.48%	0.482%
33	18.990	2652	2656	2662	rBV4	16405	25498	1.50%	0.132%
34	19.107	2672	2676	2679	rVB3	29431	41295	2.43%	0.214%
35	19.154	2681	2684	2687	rBV2	16380	19188	1.13%	0.099%
36	19.195	2687	2691	2695	rVB3	23285	31431	1.85%	0.163%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.277	2699	2705	2710	rBV3	58103	118842	6.98%	0.615%
38	19.342	2712	2716	2719	rBV3	25969	39724	2.33%	0.205%
39	19.418	2724	2729	2737	rVB	73430	130343	7.66%	0.674%
40	19.542	2744	2750	2756	rBV	1190087	1701394	100.00%	8.798%
41	19.595	2756	2759	2762	rVB3	15179	20200	1.19%	0.104%
42	19.636	2762	2766	2771	rVB2	32755	46198	2.72%	0.239%
43	19.689	2772	2775	2778	rVV	25003	28158	1.65%	0.146%
44	19.730	2778	2782	2786	rVV5	25870	45524	2.68%	0.235%
45	19.783	2788	2791	2800	rVV2	46554	86467	5.08%	0.447%
46	19.871	2801	2806	2808	rVV2	221707	359346	21.12%	1.858%
47	19.906	2808	2812	2818	rVV	1055829	1542809	90.68%	7.978%
48	19.971	2819	2823	2830	rVB2	63695	98378	5.78%	0.509%
49	20.094	2837	2844	2848	rBV2	318204	481106	28.28%	2.488%
50	20.141	2848	2852	2858	rVB	59706	96936	5.70%	0.501%
51	20.217	2860	2865	2872	rBV4	78012	201963	11.87%	1.044%
52	20.358	2884	2889	2890	rBV3	54996	78556	4.62%	0.406%
53	20.388	2891	2894	2899	rVB	135083	199938	11.75%	1.034%
54	20.488	2907	2911	2915	rBV	68779	102137	6.00%	0.528%
55	20.552	2915	2922	2926	rVV3	95061	196006	11.52%	1.014%
56	20.623	2932	2934	2939	rVB3	25953	36940	2.17%	0.191%
57	20.687	2941	2945	2949	rVV	66789	108458	6.37%	0.561%
58	20.734	2950	2953	2962	rVB2	74290	121363	7.13%	0.628%
59	21.063	3007	3009	3014	rVB6	27692	24632	1.45%	0.127%
60	21.163	3021	3026	3033	rVB2	90640	152125	8.94%	0.787%
61	21.345	3051	3057	3061	rBV2	64357	143247	8.42%	0.741%
62	21.392	3062	3065	3069	rVV	89963	141747	8.33%	0.733%
63	21.445	3070	3074	3079	rVV3	100266	181271	10.65%	0.937%
64	21.498	3079	3083	3088	rVB2	86630	142072	8.35%	0.735%
65	21.762	3122	3128	3135	rBV2	615952	1587692	93.32%	8.210%
66	21.827	3135	3139	3151	rVB	450631	801247	47.09%	4.143%
67	21.986	3161	3166	3172	rVB	86152	156833	9.22%	0.811%
68	22.191	3197	3201	3208	rVB2	62122	129827	7.63%	0.671%
69	22.526	3255	3258	3263	rVB	73220	114702	6.74%	0.593%
70	22.596	3266	3270	3276	rVB3	48206	92979	5.46%	0.481%
71	24.042	3506	3516	3523	rBV	325964	1179900	69.35%	6.101%
72	24.300	3554	3560	3567	rVB	61730	148692	8.74%	0.769%
73	24.782	3635	3642	3655	rVB	197267	617646	36.30%	3.194%
74	24.929	3659	3667	3680	rVB	301582	859316	50.51%	4.444%
75	25.087	3686	3694	3702	rBV2	193327	566755	33.31%	2.931%
76	28.864	4330	4337	4359	rVB4	103179	519310	30.52%	2.685%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

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-BG031522.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

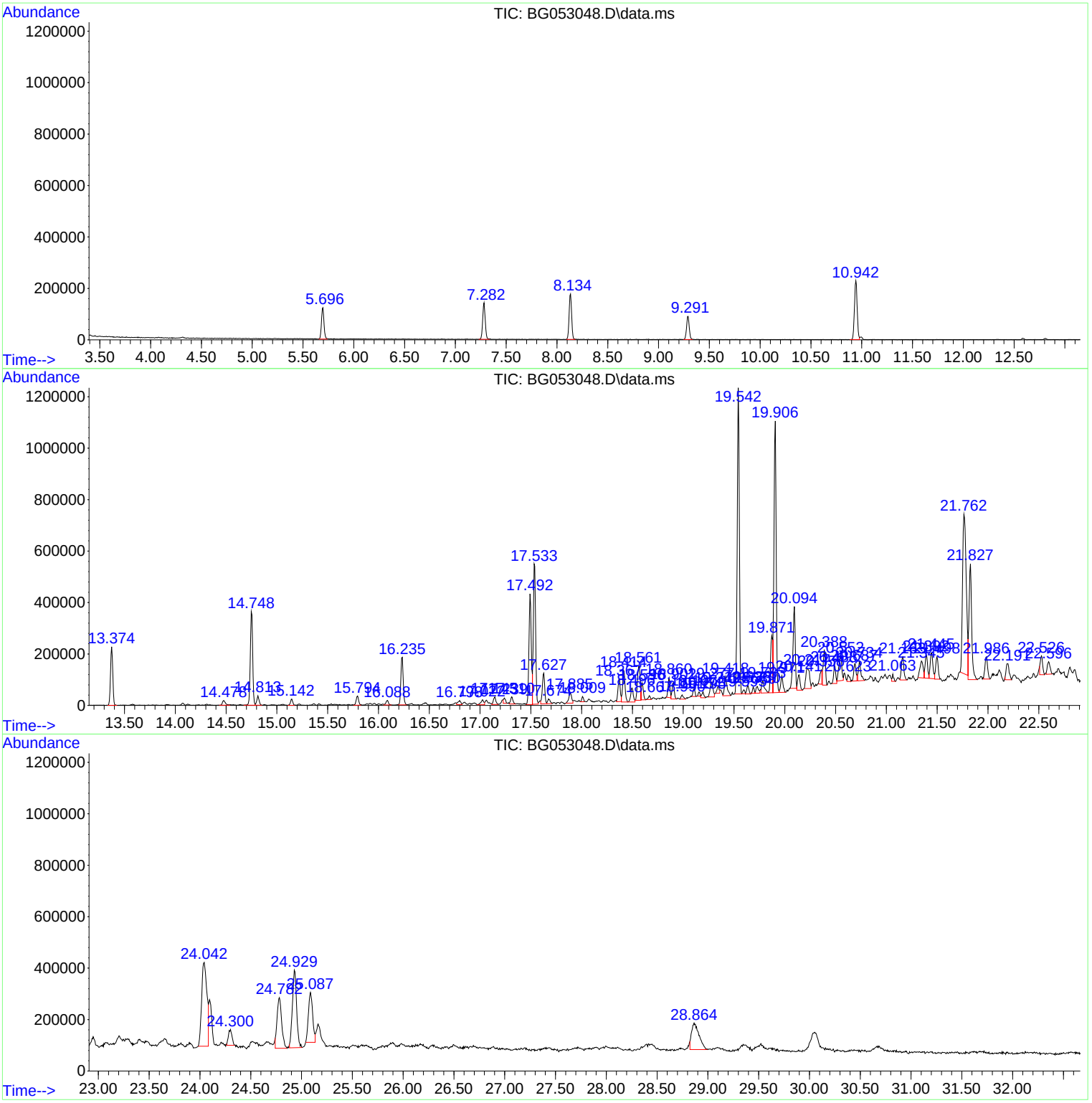
Sum of corrected areas: 19338620

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

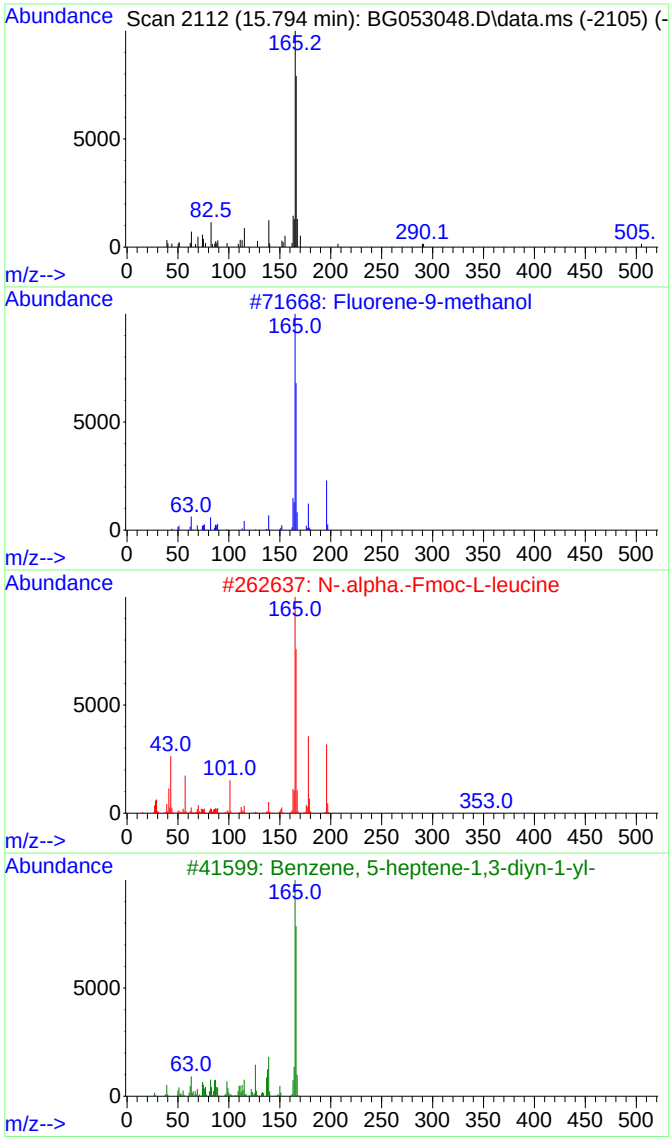
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

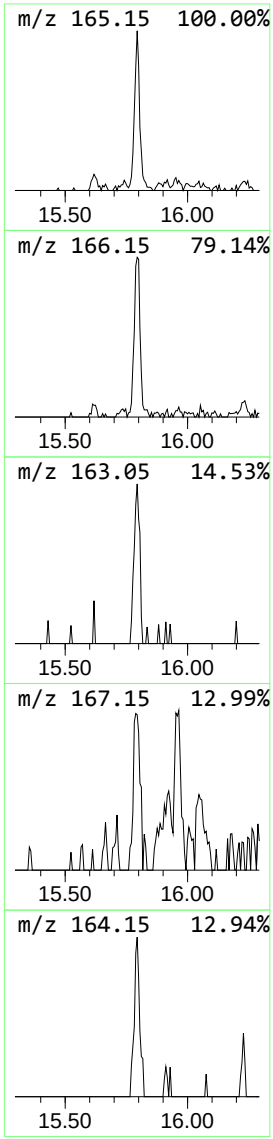
****

Peak Number 1 Fluorene-9-methanol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.794	2.07 ng	60449	Acenaphthene-d10	14.748

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene-9-methanol	196	C14H12O	024324-17-2	83
2	N-.alpha.-Fmoc-L-leucine	353	C21H23NO4	035661-60-0	83
3	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	83
4	L-Valine, N-[(9H-fluoren-9-ylmet...	339	C20H21NO4	068858-20-8	78
5	L-Alanine, N-[(9H-fluoren-9-ylme...	311	C18H17NO4	035661-39-3	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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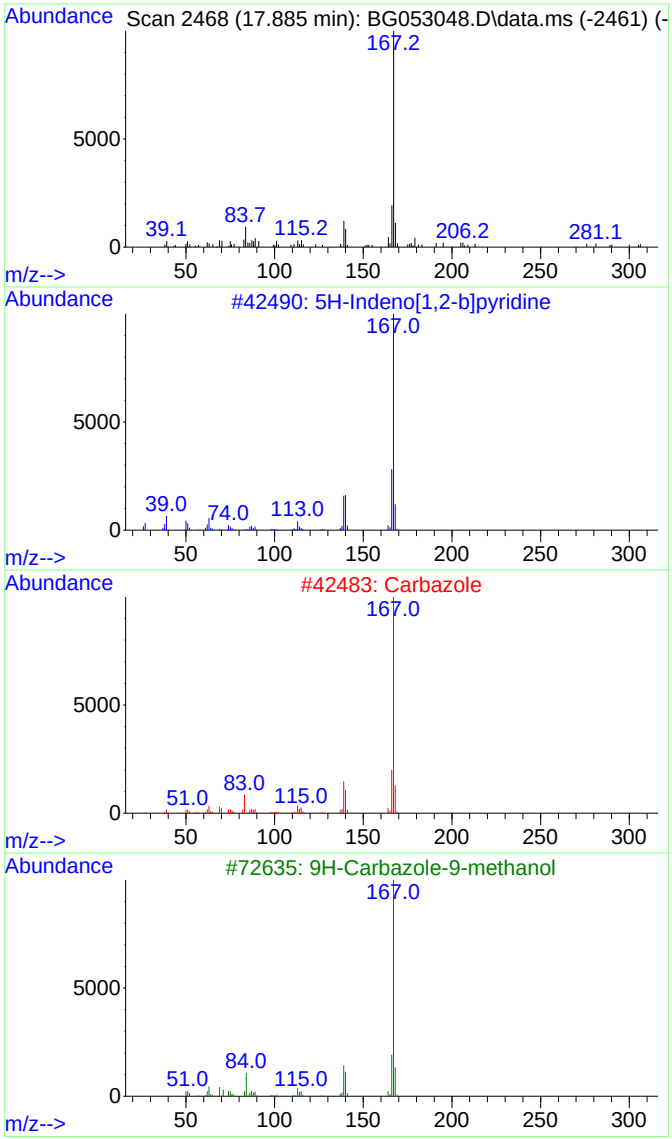
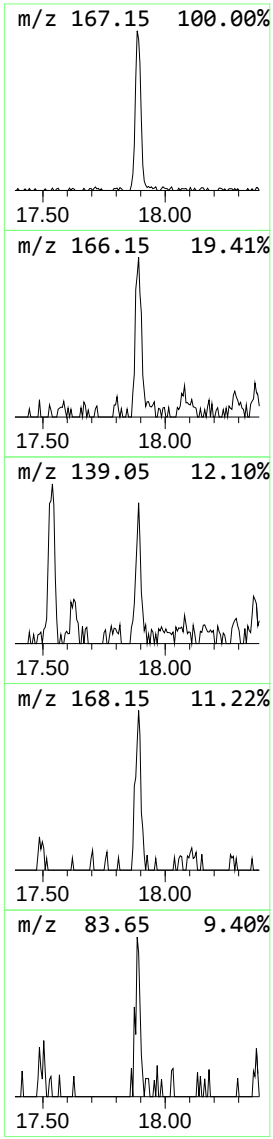
Peak Number 2 5H-Indeno[1,2-b]pyridine Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.885	2.23 ng	78158	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5H-Indeno[1,2-b]pyridine	167	C12H9N	000244-99-5	87
2	Carbazole	167	C12H9N	000086-74-8	87
3	9H-Carbazole-9-methanol	197	C13H11NO	002409-36-1	87
4	1,1'-Biphenyl, 2-azido-	195	C12H9N3	007599-23-7	80
5	9H-Carbazole, 9-nitroso-	196	C12H8N2O	002788-23-0	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

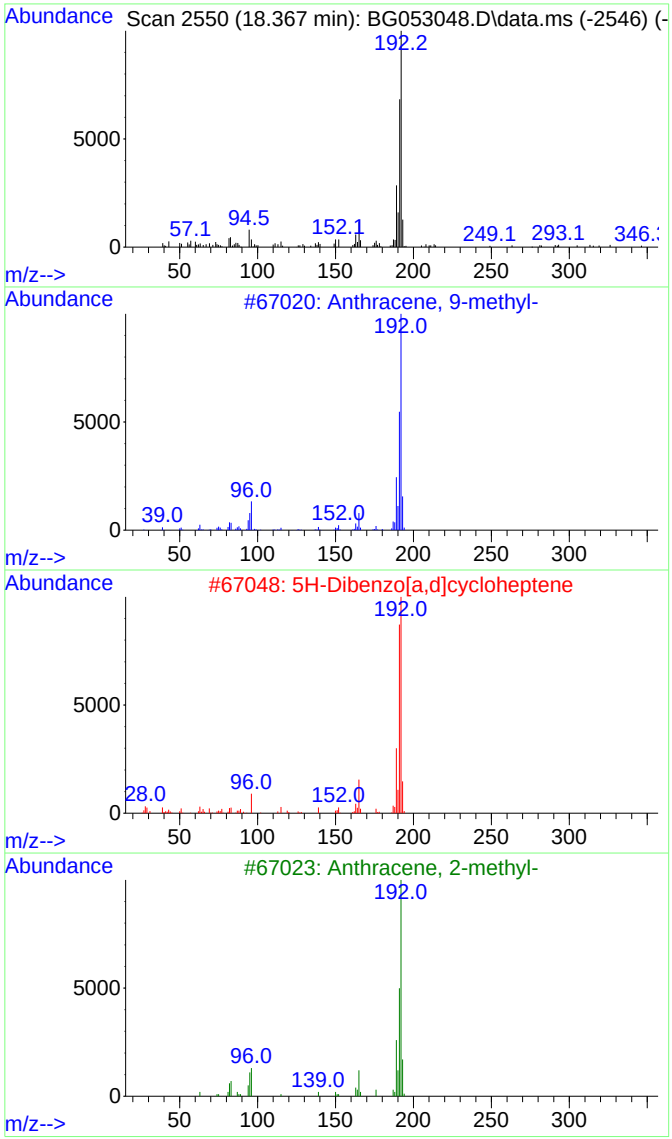
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

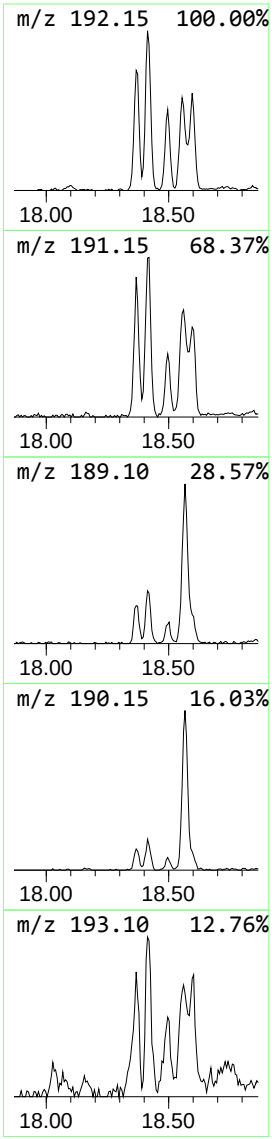
****

Peak Number 3 Anthracene, 9-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.367	4.00 ng	140004	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
2	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
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Sample : N2257-11 5X
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Instrument :
BNA_G
ClientSampleId :
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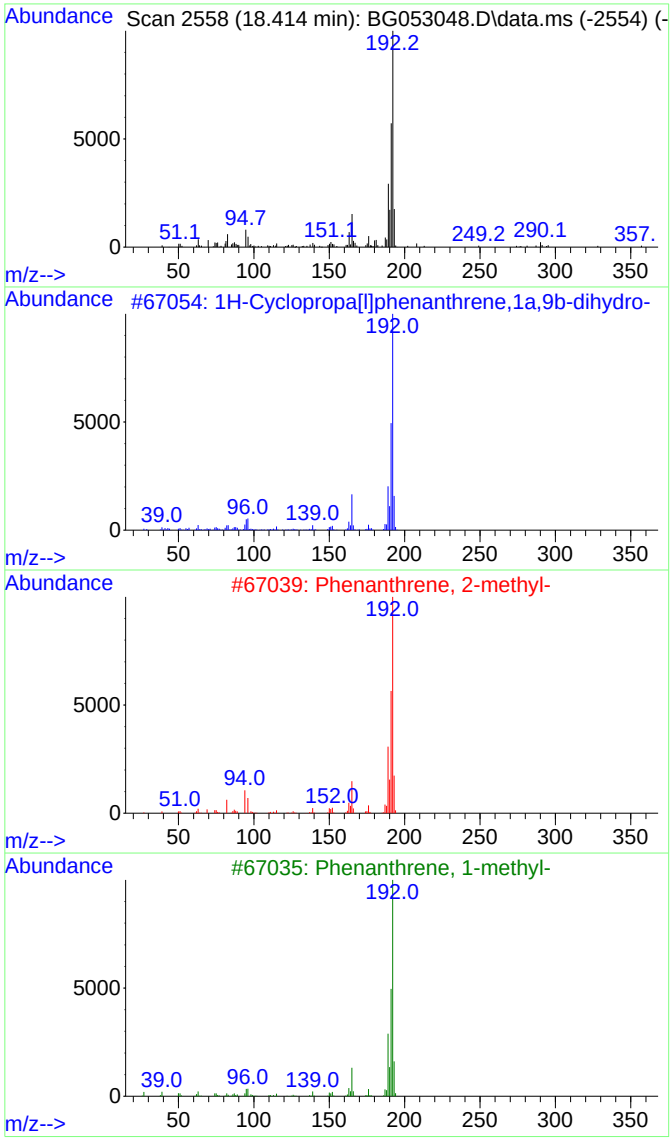
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

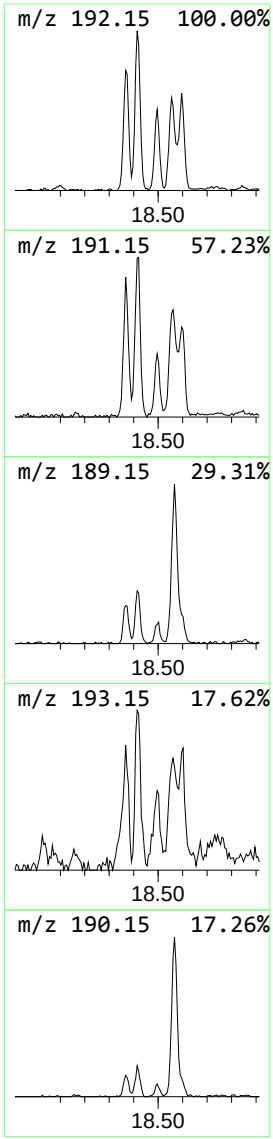
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 1H-Cyclopropa[l]phenanthren... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.414	5.57 ng	194852	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

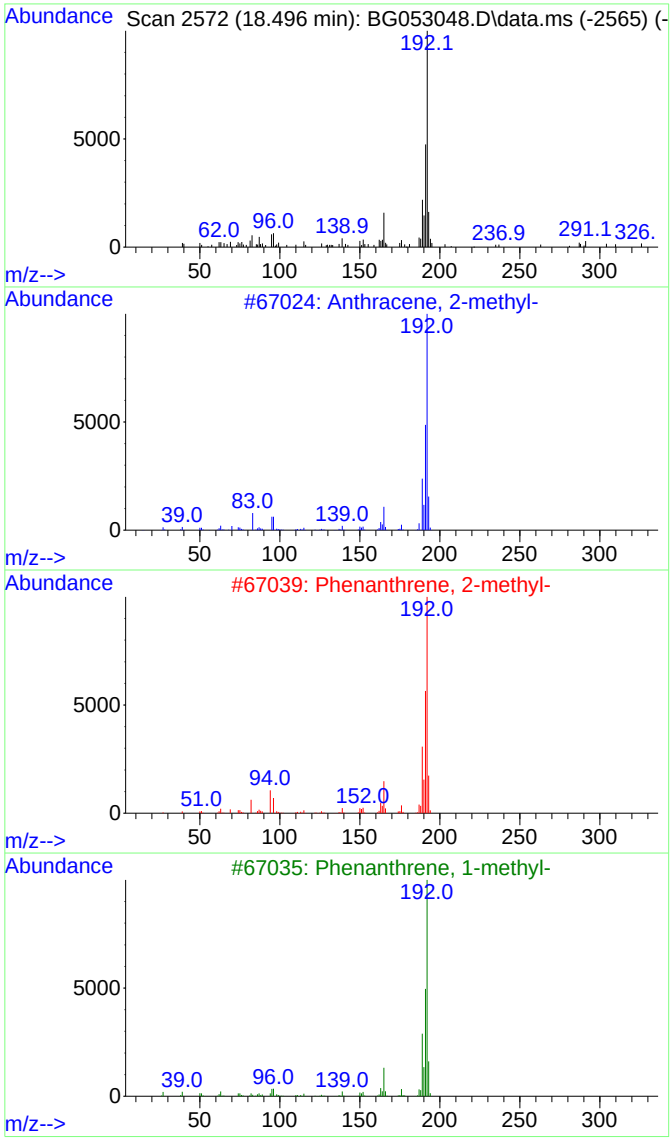
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

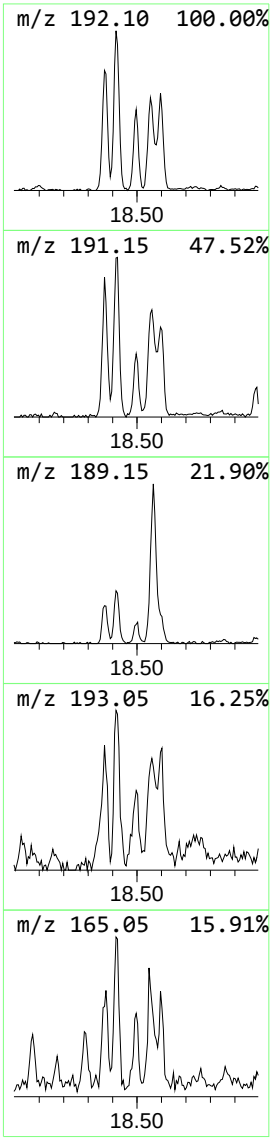
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.496	2.78 ng	97291	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040522\
Data File : BG053048.D
Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

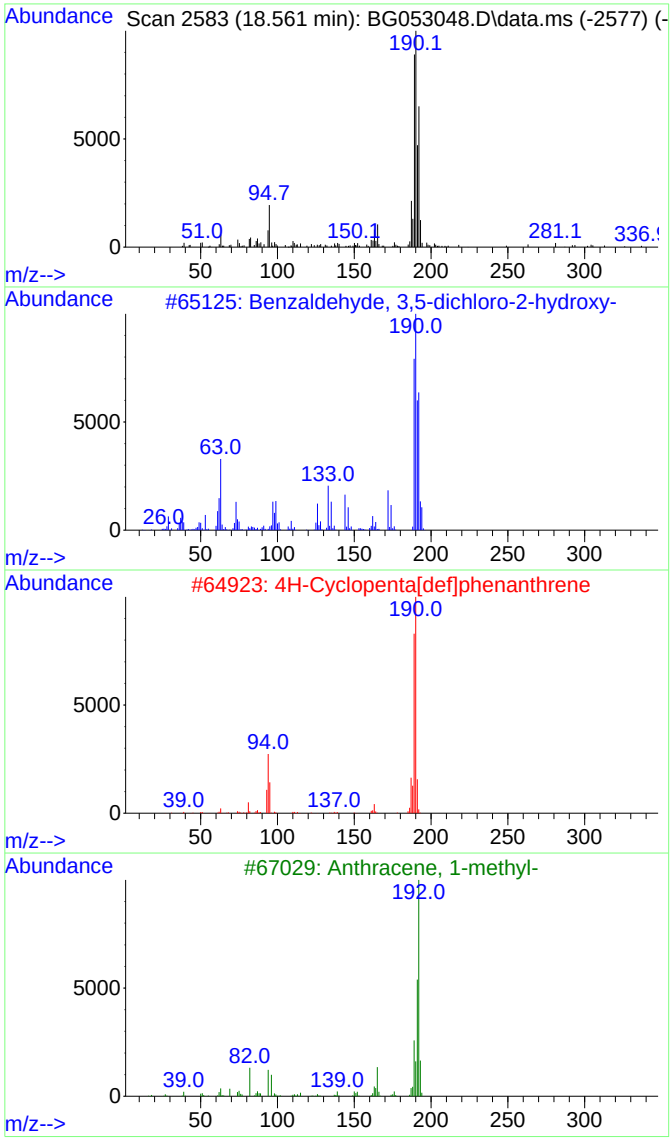
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

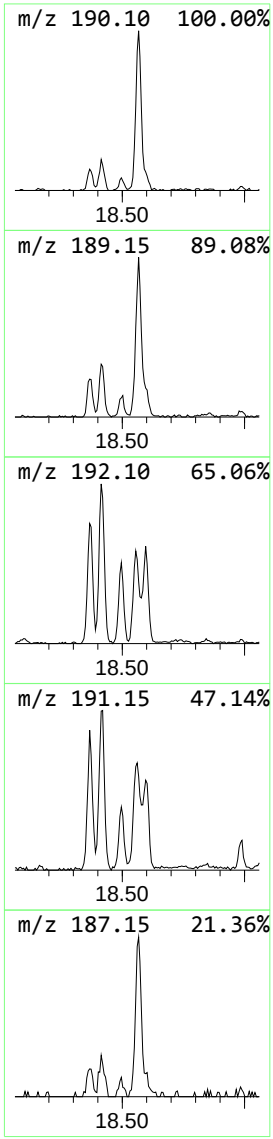
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Benzaldehyde, 3,5-dichloro-... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.561	7.43 ng	260083	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	47
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	38
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	38





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Acq On : 6 Apr 2022 1:41
Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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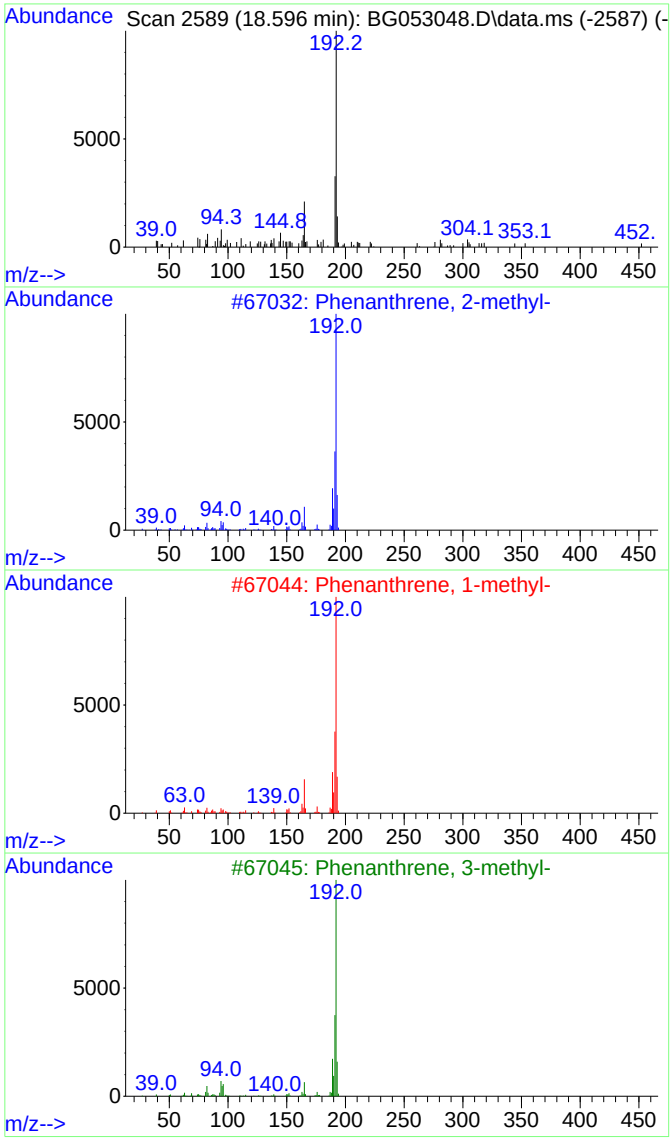
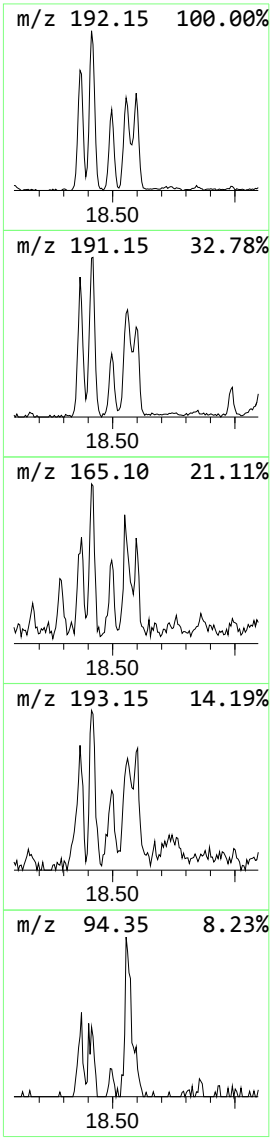
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.596	2.33 ng	81616	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	72
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	68
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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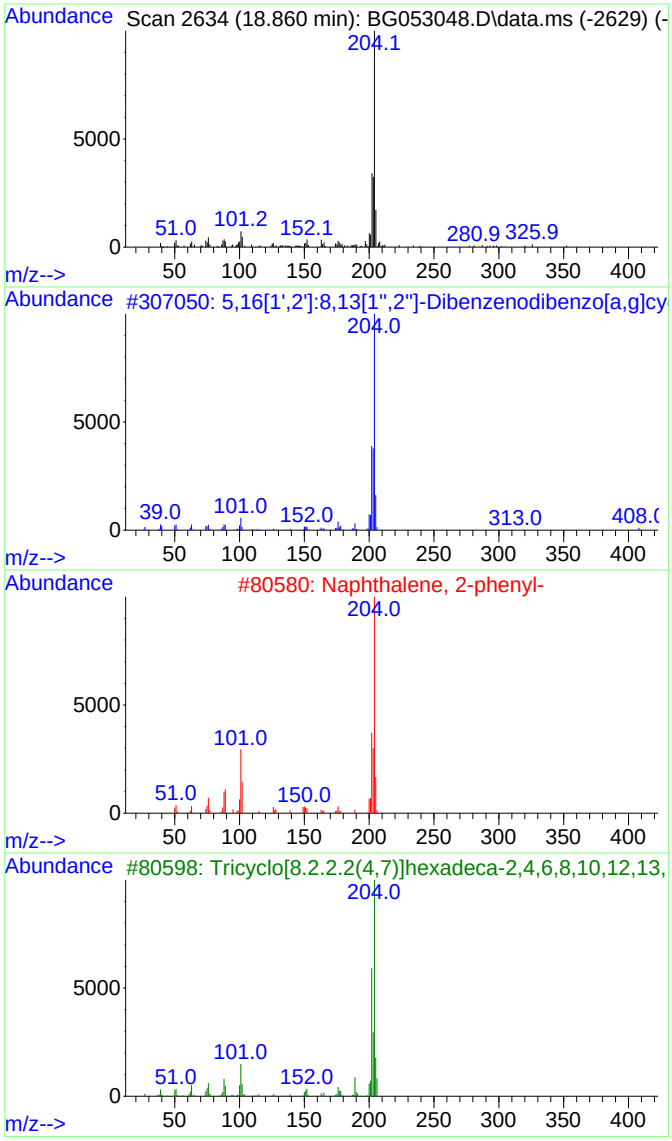
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

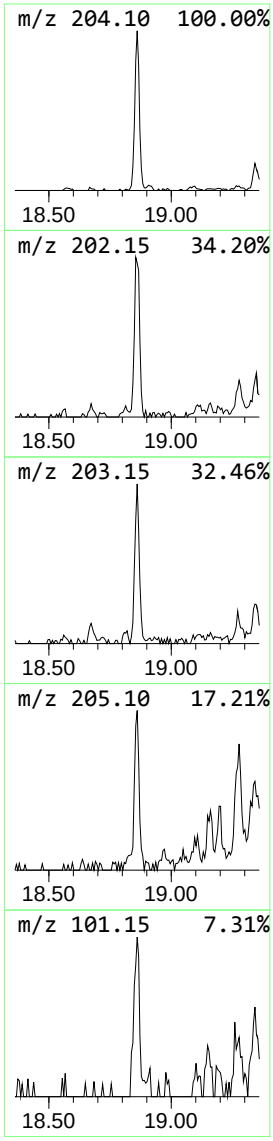
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.860	2.80 ng	97926	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	76
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	58





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

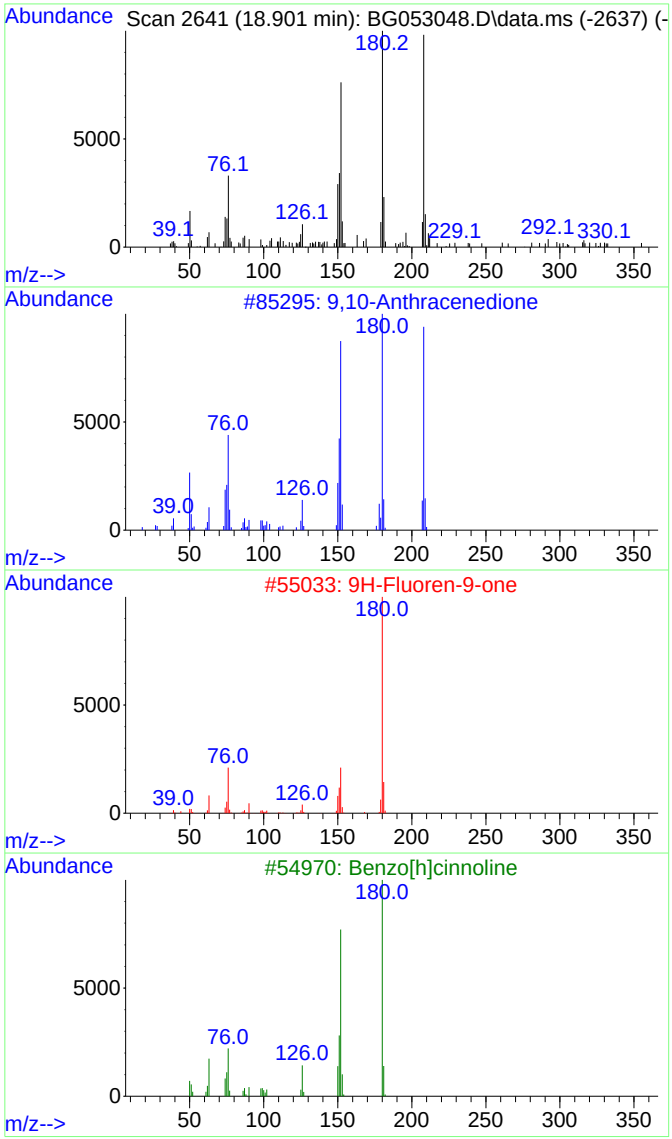
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

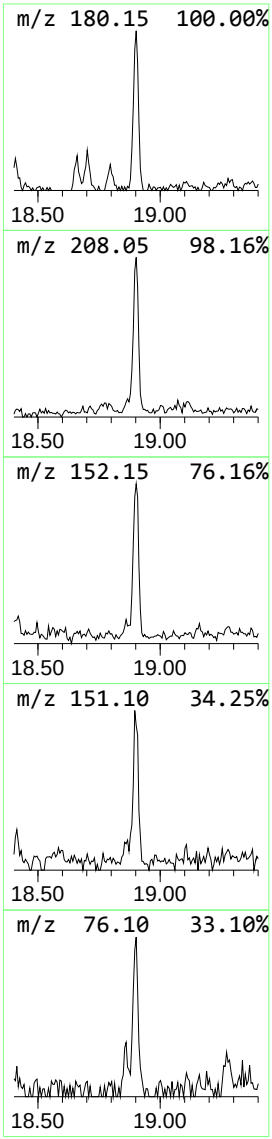
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.901	2.66 ng	93194	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	53





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ALS Vial : 16 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

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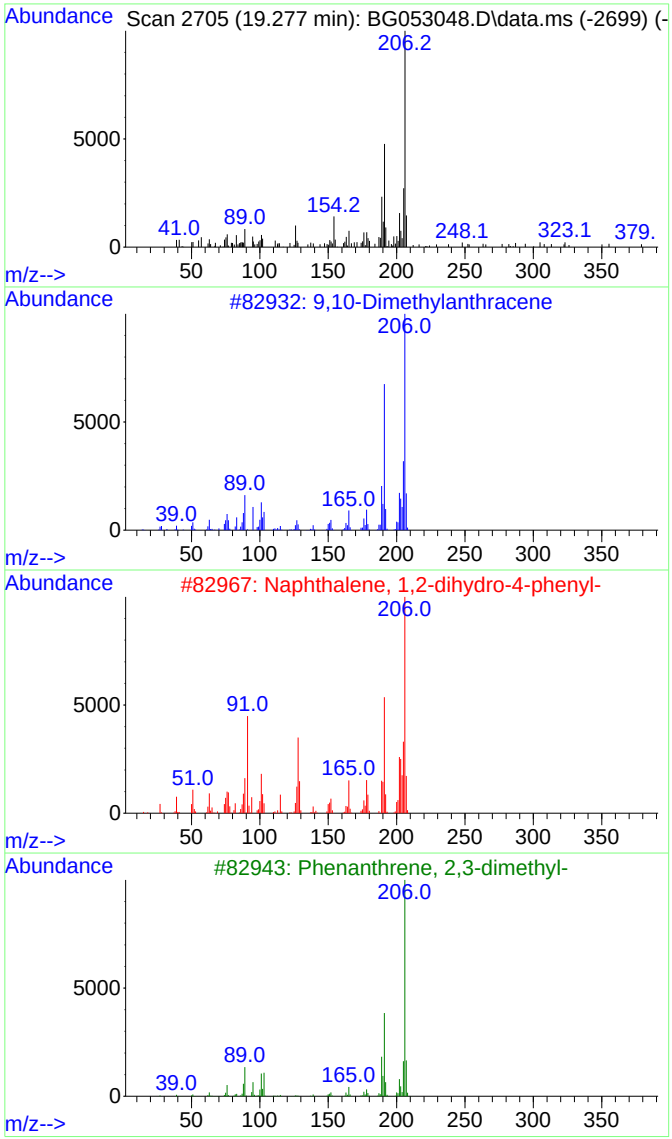
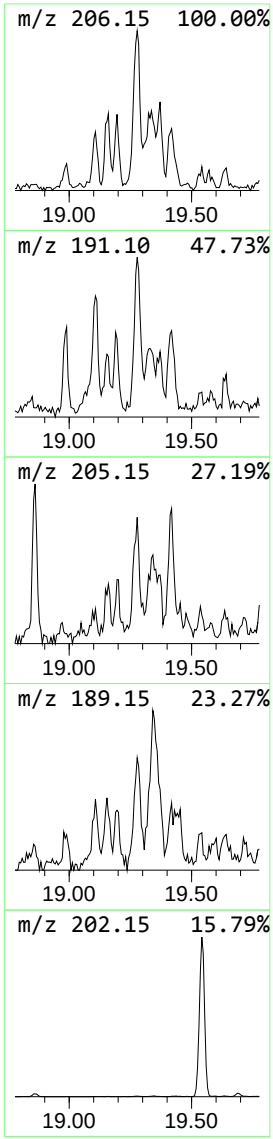
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.278	3.40 ng	118842	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
2	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	83





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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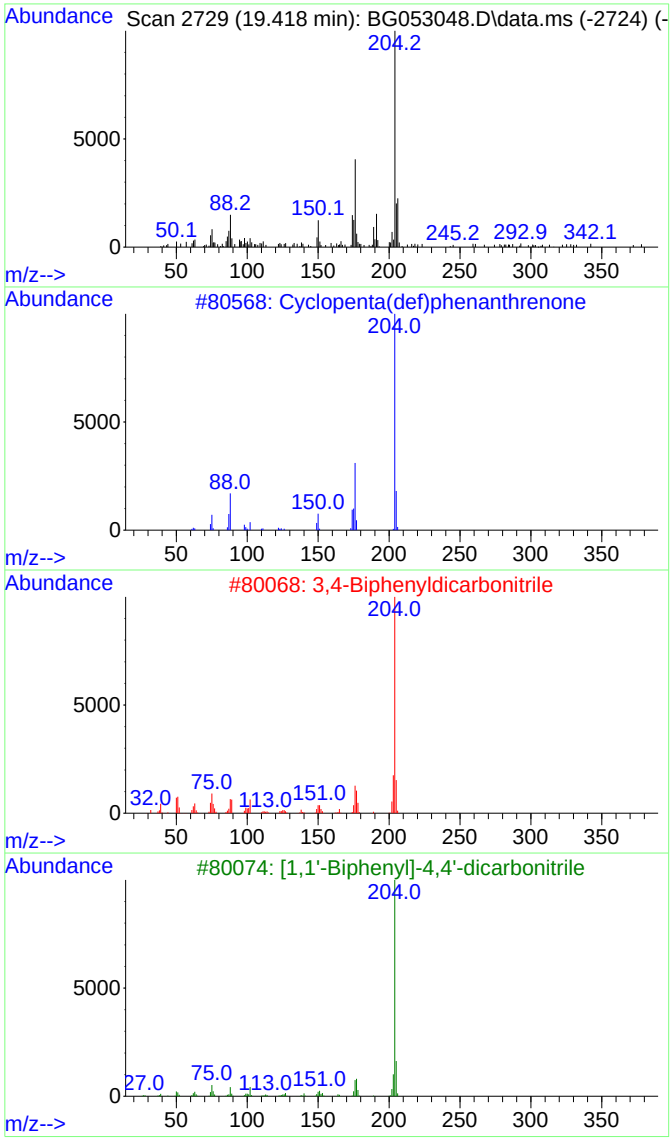
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

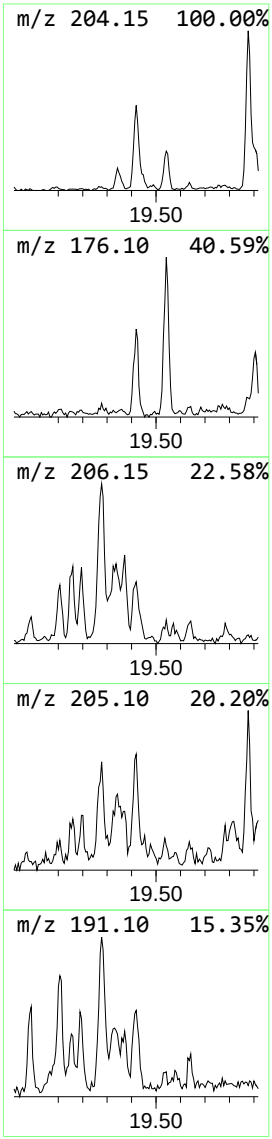
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.419	3.72 ng	130343	Phenanthrene-d10	17.492

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43
5	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	43





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Misc :
ALS Vial : 16 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

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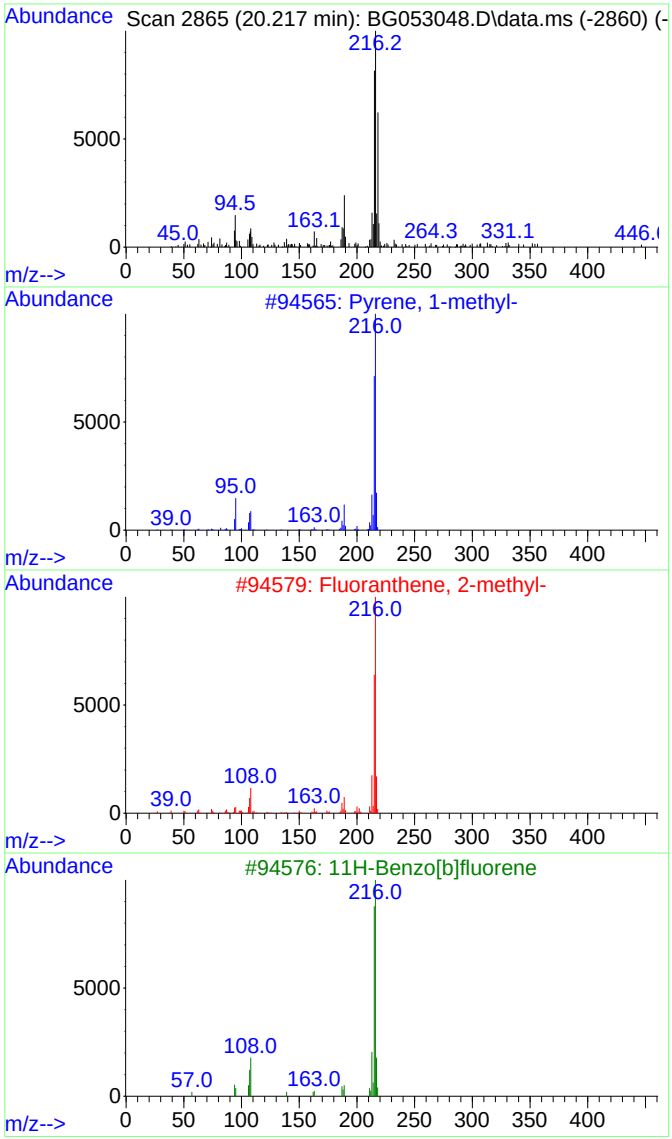
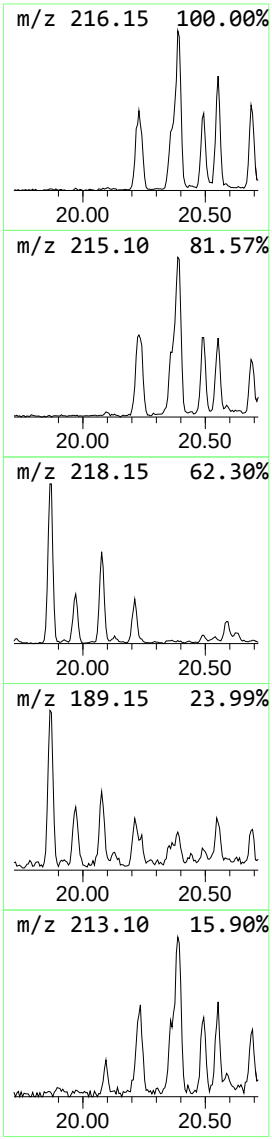
Peak Number 12 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.217	2.54 ng	201963	Chrysene-d12	21.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	62
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	62
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	58
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	53





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Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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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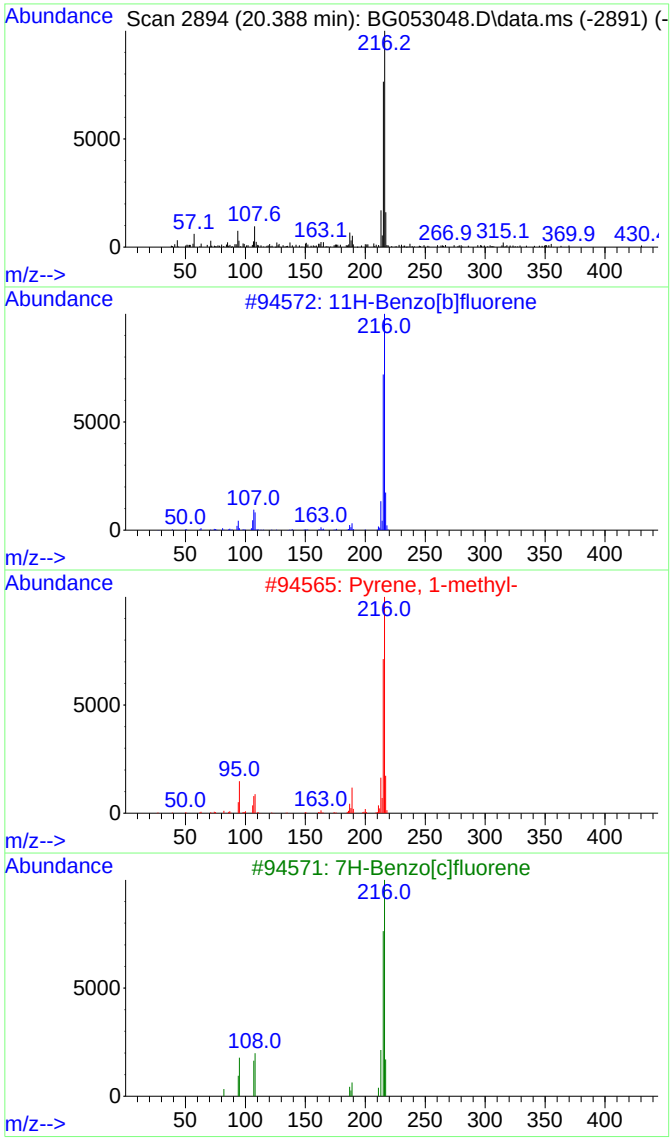
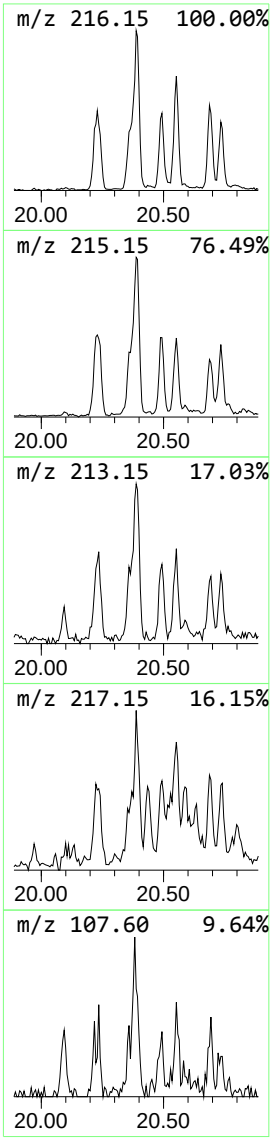
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.388	2.52 ng	199938	Chrysene-d12	21.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





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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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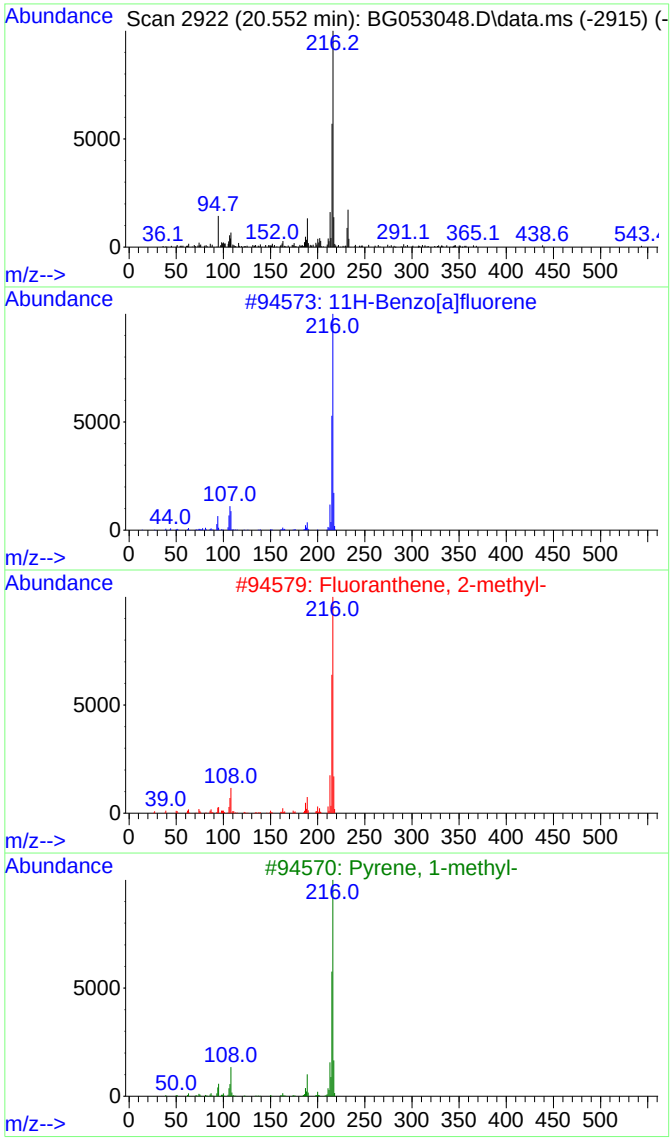
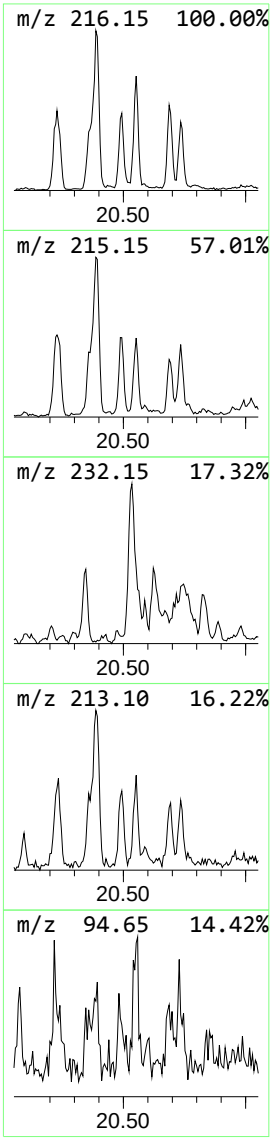
Peak Number 14 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.552	2.47 ng	196006	Chrysene-d12	21.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	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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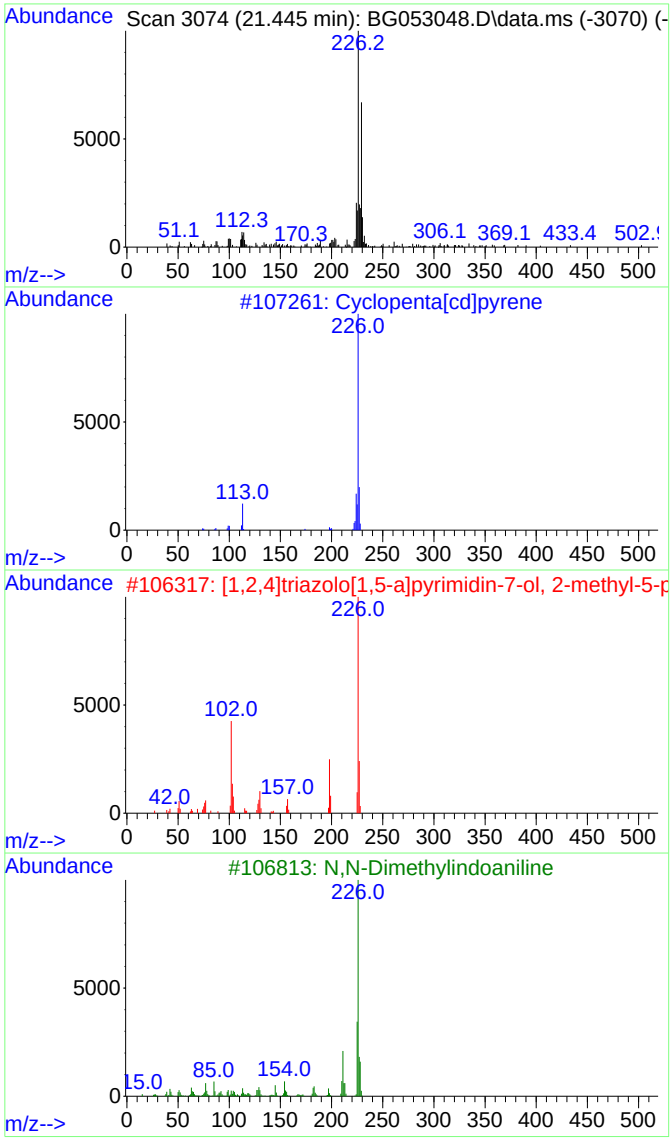
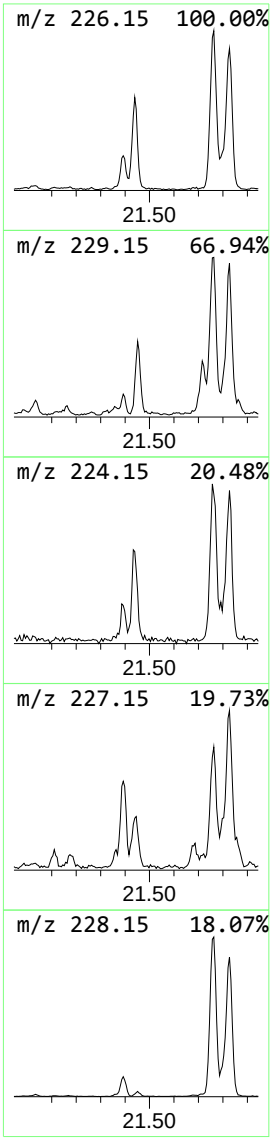
Peak Number 15 unknown21.445 Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.445	2.28 ng	181271	Chrysene-d12	21.780

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	46
2	[1,2,4]triazolo[1,5-a]pyrimidin-...	226	C12H10N4O	1000403-04-9	43
3	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
4	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	43
5	2,2,6-Trimethyl-2H,5H-pyrano[3,2...	241	C15H15NO2	050333-13-6	32





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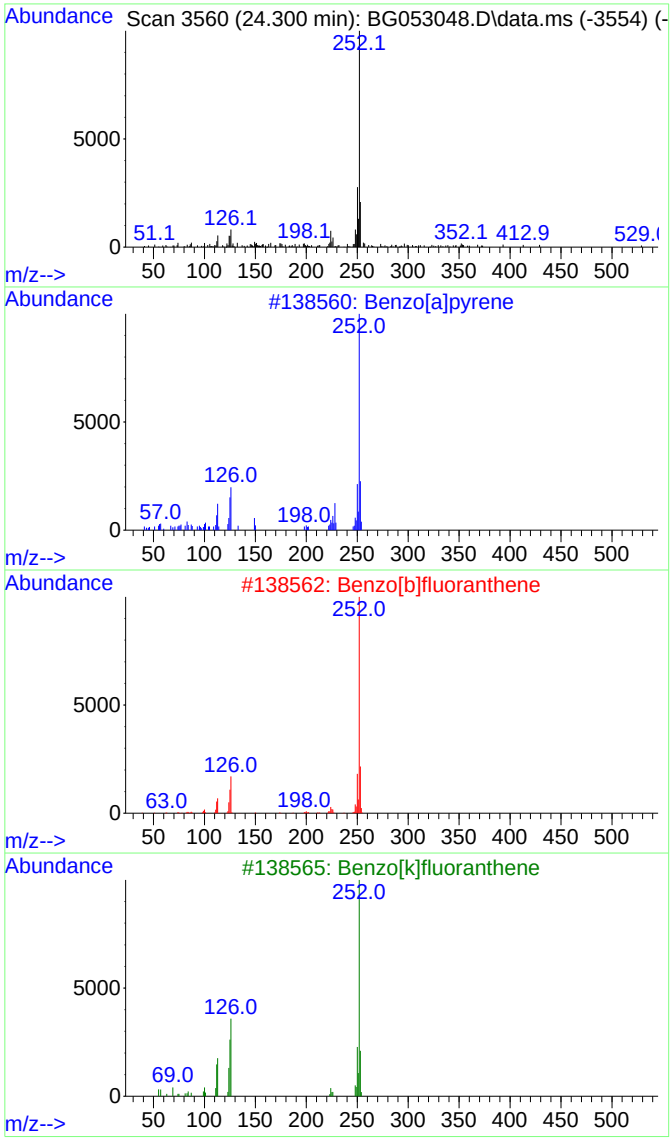
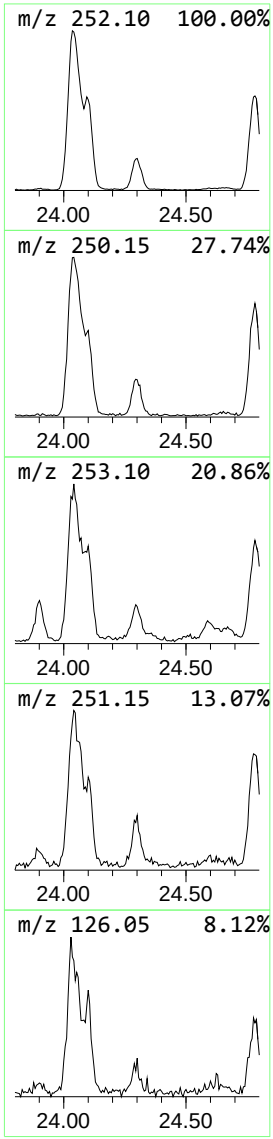
Peak Number 16 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.300	5.25 ng	148692	Perylene-d12	25.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Perylene	252	C20H12	000198-55-0	76





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ALS Vial : 16 Sample Multiplier: 1

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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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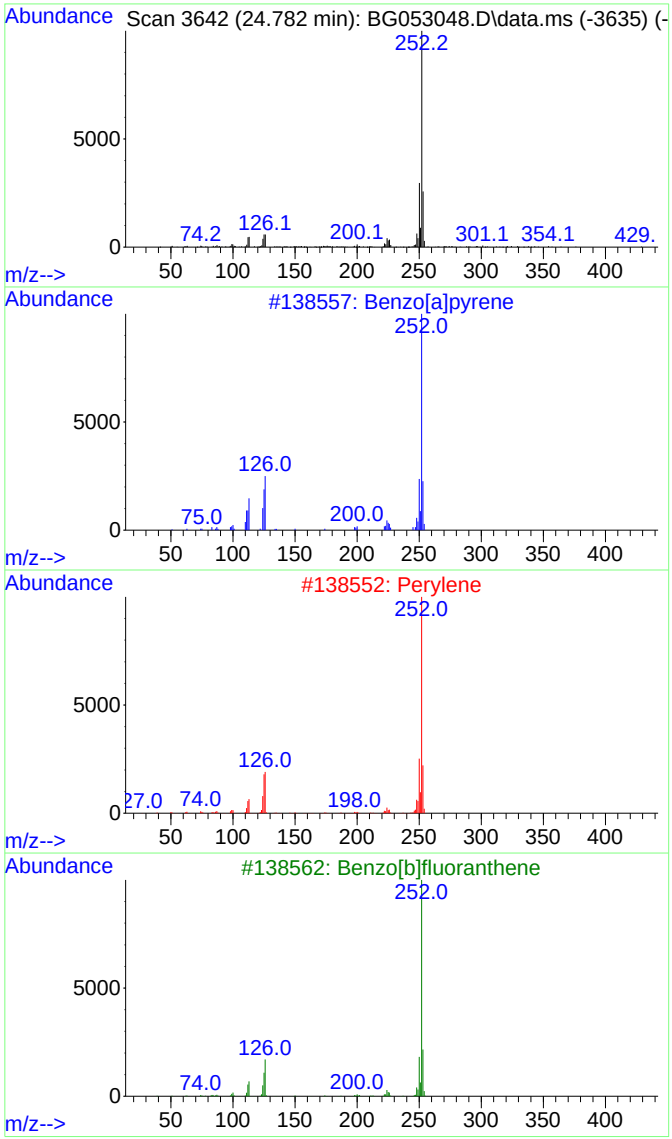
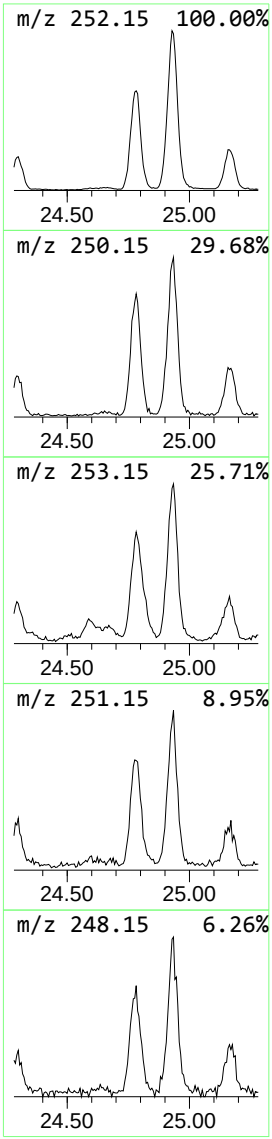
Peak Number 17 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.782	21.80 ng	617646	Perylene-d12	25.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	94
2	Perylene	252	C20H12	000198-55-0	93
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
4	Benzo[e]pyrene	252	C20H12	000192-97-2	91
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90





Tentatively Identified Compound (LSC) summary

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Data File : BG053048.D
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Operator : CG/JU
Sample : N2257-11 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
TP-6

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031522.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
Fluorene-9-meth...	15.794	2.1	ng	60449	3	14.748	584593	20.0
5H-Indeno[1,2-b...	17.885	2.2	ng	78158	4	17.492	699945	20.0
Anthracene, 9-m...	18.367	4.0	ng	140004	4	17.492	699945	20.0
1H-Cyclopropa[l...	18.414	5.6	ng	194852	4	17.492	699945	20.0
Anthracene, 2-m...	18.496	2.8	ng	97291	4	17.492	699945	20.0
Benzaldehyde, 3...	18.561	7.4	ng	260083	4	17.492	699945	20.0
Phenanthrene, 2...	18.596	2.3	ng	81616	4	17.492	699945	20.0
5,16[1',2']:8,1...	18.860	2.8	ng	97926	4	17.492	699945	20.0
9,10-Anthracene...	18.901	2.7	ng	93194	4	17.492	699945	20.0
9,10-Dimethylan...	19.278	3.4	ng	118842	4	17.492	699945	20.0
Cyclopenta(def)...	19.419	3.7	ng	130343	4	17.492	699945	20.0
Pyrene, 1-methyl-	20.217	2.5	ng	201963	5	21.780	1587690	20.0
11H-Benzo[b]flu...	20.388	2.5	ng	199938	5	21.780	1587690	20.0
11H-Benzo[a]flu...	20.552	2.5	ng	196006	5	21.780	1587690	20.0
unknown21.445	21.445	2.3	ng	181271	5	21.780	1587690	20.0
Benzo[e]pyrene	24.300	5.3	ng	148692	6	25.087	566755	20.0
Perylene	24.782	21.8	ng	617646	6	25.087	566755	20.0