LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A

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-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG048465.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.652	388	394	402	rVB	178653	294045	7.84%	0.678%
2	7.250	659	666	675	rBV	192633	357564	9.54%	0.824%
3	8.102	805	811	819	rVB	260977	443576	11.83%	1.022%
4	9.266	1003	1009	1019	rBV	124310	222010	5.92%	0.512%
5	10.928	1280	1292	1297	rBV	331341	618473	16.50%	1.425%
6	10.975	1297	1300	1308	rVB2	45778	74323	1.98%	0.171%
7	12.579	1568	1573	1578	rVB	28908	42024	1.12%	0.097%
8	12.797	1604	1610	1616	rVB2	22402	38640	1.03%	0.089%
9	13.367	1700	1707	1714	rVB	356469	530326	14.14%	1.222%
10	13.913	1794	1800	1809	rVB6	20023	56654	1.51%	0.131%
11	14.066	1820	1826	1831	rBV2	33418	54523	1.45%	0.126%
12	14.471	1889	1895	1905	rBV	115741	214191	5.71%	0.494%
13	14.747	1931	1942	1948	rBV	519835	867284	23.13%	1.998%
14	14.806	1948	1952	1958	rVB2	38043	61034	1.63%	0.141%
15	15.141	2003	2009	2015	rVB2	89436	142348	3.80%	0.328%
16	15.212	2015	2021	2027	rBV4	33454	52438	1.40%	0.121%
17	15.353	2041	2045	2052	rVB3	30624	60274	1.61%	0.139%
18	15.411	2052	2055	2060	rVB3	27034	39525	1.05%	0.091%
19	15.529	2067	2075	2079	rBV5	24790	55482	1.48%	0.128%
20	15.787	2113	2119	2130	rVB3	131407	238525	6.36%	0.550%
21	16.081	2164	2169	2175	rVB	65638	109820	2.93%	0.253%
22	16.228	2186	2194	2203	rVB2	327818	558468	14.90%	1.287%
23	16.463	2226	2234	2240	rVB5	48698	92958	2.48%	0.214%
24	16.792	2283	2290	2295	rBV4	66176	146705	3.91%	0.338%
25	16.945	2312	2316	2321	rVB3	43320	63656	1.70%	0.147%
26	17.021	2323	2329	2333	rBV5	80369	139485	3.72%	0.321%
27	17.068	2333	2337	2340	rVB5	42957	60872	1.62%	0.140%
28	17.150	2345	2351	2357	rVV6	36487	80946	2.16%	0.187%
29	17.221	2358	2363	2370	rVV2	82858	172837	4.61%	0.398%
30	17.315	2374	2379	2387	rVB2	74844	140608	3.75%	0.324%
31	17.497	2404	2410	2413	rBV	623339	984738	26.26%	2.269%
32	17.538	2413	2417	2423	rVV	739950	1063594	28.37%	2.451%
33	17.626	2427	2432	2437	rVV	292236	409925	10.93%	0.945%
34	17.679	2437	2441	2447	rVB3	54712	110426	2.95%	0.254%
35	17.932	2480	2484	2487	rVB2	33574	53498	1.43%	0.123%
36	18.014	2495	2498	2501	rBV2	48559	51739	1.38%	0.119%

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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

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Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.073	2505	2508	2512	rBV4	21533	38932	1.04%	0.090%
38	18.373	2554	2559	2563	rBV	229006	319076	8.51%	0.735%
39	18.419	2563	2567	2573	rVB	274707	415783	11.09%	0.958%
40	18.502	2575	2581	2586	rBV	175904	280541	7.48%	0.646%
41	18.566	2586	2592	2596	rBV2	403117	755092	20.14%	1.740%
42	18.602	2596	2598	2603	rVB	155933	190527	5.08%	0.439%
43	18.866	2639	2643	2647	rBV	151962	203492	5.43%	0.469%
44	18.901	2647	2649	2654	rVB4	37258	56620	1.51%	0.130%
45	18.995	2661	2665	2670	rBV6	24434	45926	1.22%	0.106%
46	19.113	2681	2685	2689	rBV2	71479	110942	2.96%	0.256%
47	19.160	2690	2693	2697	rVV	71893	102324	2.73%	0.236%
48	19.201	2697	2700	2703	rVB	67103	82891	2.21%	0.191%
49	19.277	2708	2713	2719	rBV2	209018	381151	10.17%	0.878%
50	19.348	2721	2725	2728	rBV3	105821	149978	4.00%	0.346%
51	19.424	2733	2738	2747	rVB4	136318	300986	8.03%	0.694%
52	19.548	2753	2759	2765	rBV	2565907	3650719	97.37%	8.412%
53	19.606	2766	2769	2771	rVB	48520	52089	1.39%	0.120%
54	19.642	2771	2775	2779	rVB2	112198	145219	3.87%	0.335%
55	19.694	2779	2784	2788	rBV	196174	280365	7.48%	0.646%
56	19.788	2797	2800	2809	rVB2	123567	248616	6.63%	0.573%
57	19.877	2810	2815	2817	rVV2	498818	781287	20.84%	1.800%
58	19.912	2817	2821	2828	rVV	2203499	3258495	86.91%	7.508%
59	19.977	2828	2832	2838	rVB3	195539	335827	8.96%	0.774%
60	20.100	2846	2853	2857	rBV2	578428	928719	24.77%	2.140%
61	20.147	2857	2861	2868	rVB	156664	247218	6.59%	0.570%
62	20.223	2869	2874	2882	rBV4	258514	698472	18.63%	1.609%
63	20.400	2900	2904	2909	rVB	569825	842074	22.46%	1.940%
64	20.499	2916	2921	2925	rBV	422239	588870	15.71%	1.357%
65	20.558	2925	2931	2935	rVB2	324603	615239	16.41%	1.418%
66	20.635	2940	2944	2949	rBV4	89006	175841	4.69%	0.405%
67	20.699	2951	2955	2958	rVV	214051	313215	8.35%	0.722%
68	20.740	2959	2962	2971	rVB2	221522	381458	10.17%	0.879%
69	21.169	3031	3035	3042	rVB2	181328	324843	8.66%	0.749%
70	21.357	3064	3067	3070	rVV2	130695	161681	4.31%	0.373%
71	21.398	3071	3074	3078	rVV	230726	312154	8.33%	0.719%
72	21.451	3079	3083	3088	rVV2	228825	392873	10.48%	0.905%
73	21.510	3089	3093	3101	rVB2	169935	358330	9.56%	0.826%
74	21.774	3131	3138	3145	rBV2	1588803	3749336	100.00%	8.639%
75	21.839	3145	3149	3161	rVB	1181182	2060589	54.96%	4.748%
76	21.992	3171	3175	3181	rBV	197389	340821	9.09%	0.785%

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Integration Parameters: rteint.p
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.056	3182	3186	3194	rVB2	170673	283439	7.56%	0.653%
78	22.203	3206	3211	3218	rBV2	150791	346295	9.24%	0.798%
79	22.538	3264	3268	3275	rVB	307195	565164	15.07%	1.302%
80	24.072	3519	3529	3536	rBV	839617	2929880	78.14%	6.751%
81	24.330	3567	3573	3581	rVB	243108	614837	16.40%	1.417%
82	24.818	3649	3656	3671	rVB2	495751	1562409	41.67%	3.600%
83	24.971	3673	3682	3693	rVB2	831126	2417587	64.48%	5.571%
84	25.123	3701	3708	3715	rBV2	313447	901064	24.03%	2.076%
85	28.948	4351	4359	4360	rBV2	179010	396068	10.56%	0.913%

Sum of corrected areas: 43398888

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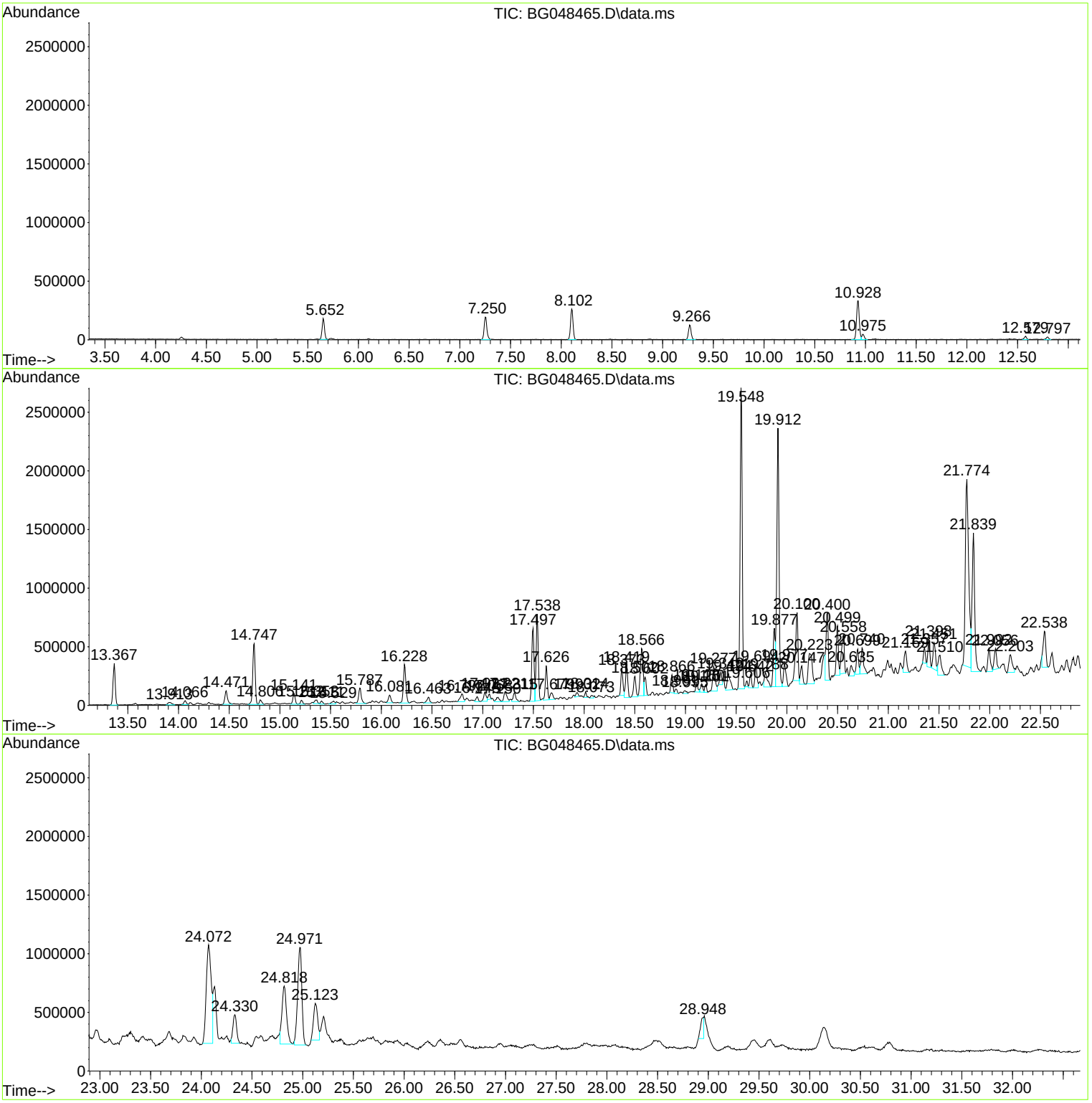
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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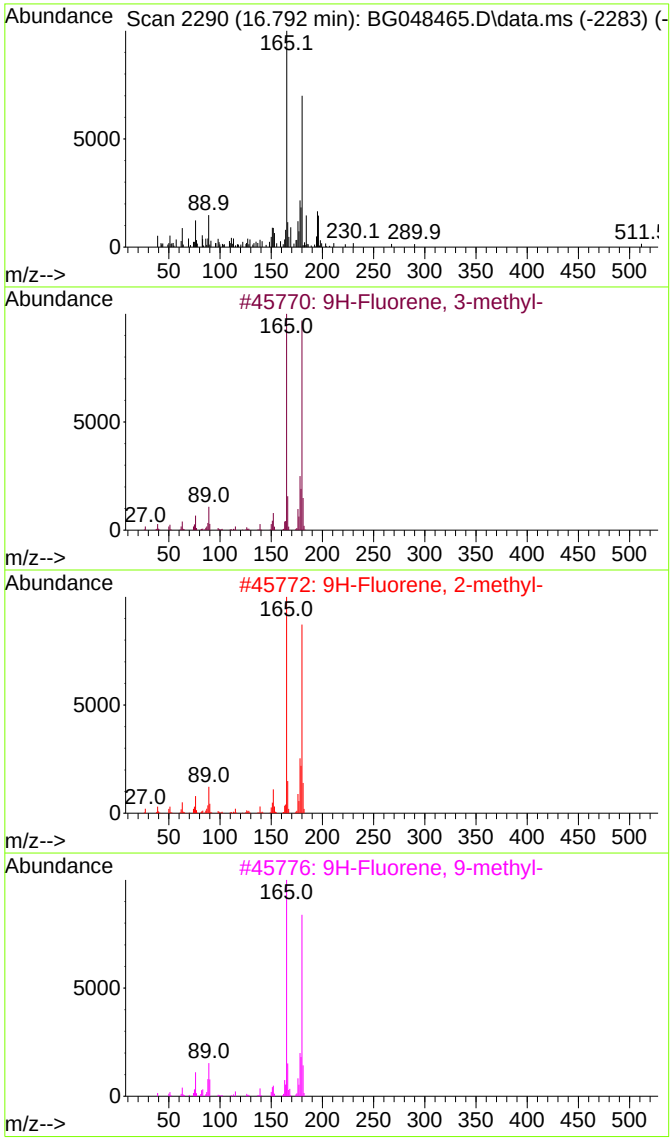
TIC Integration Parameters: LSCINT.P

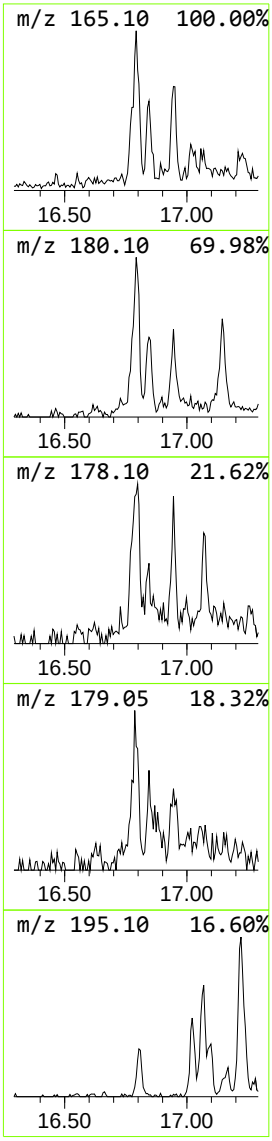
****

Peak Number 1 9H-Fluorene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.792	2.98 ng	146705	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	64
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	52
5	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	50





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Sample : M1713-03 5X
Misc :
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Instrument :
BNA_G
ClientSampleId :
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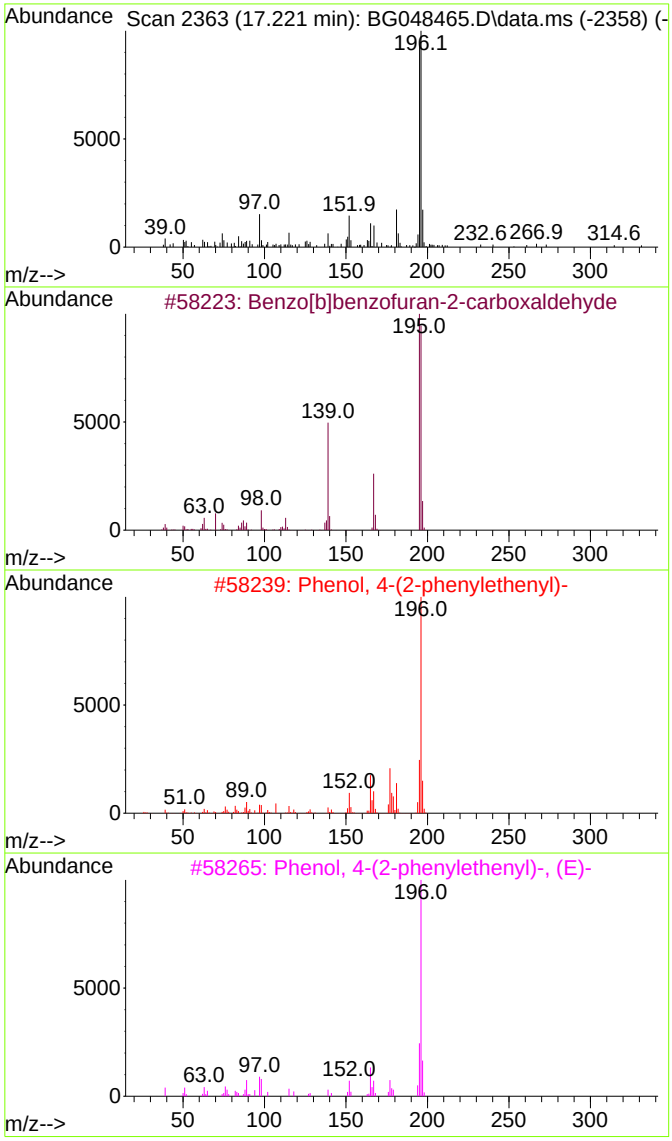
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

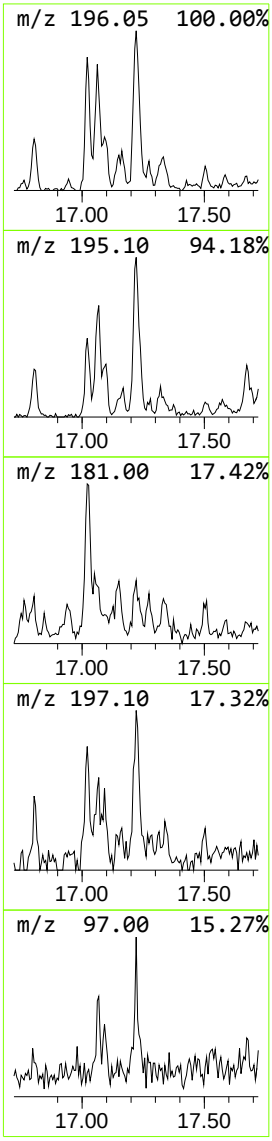
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzo[b]benzofuran-2-carbox... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.221	3.51 ng	172837	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]benzofuran-2-carboxaldehyde	196	C13H8O2	1000351-56-0	64
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	52
3	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	52
4	Hydrosulfide, (5,6-dimethylthien...	196	C8H8N2S2	1000362-41-8	49
5	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	49





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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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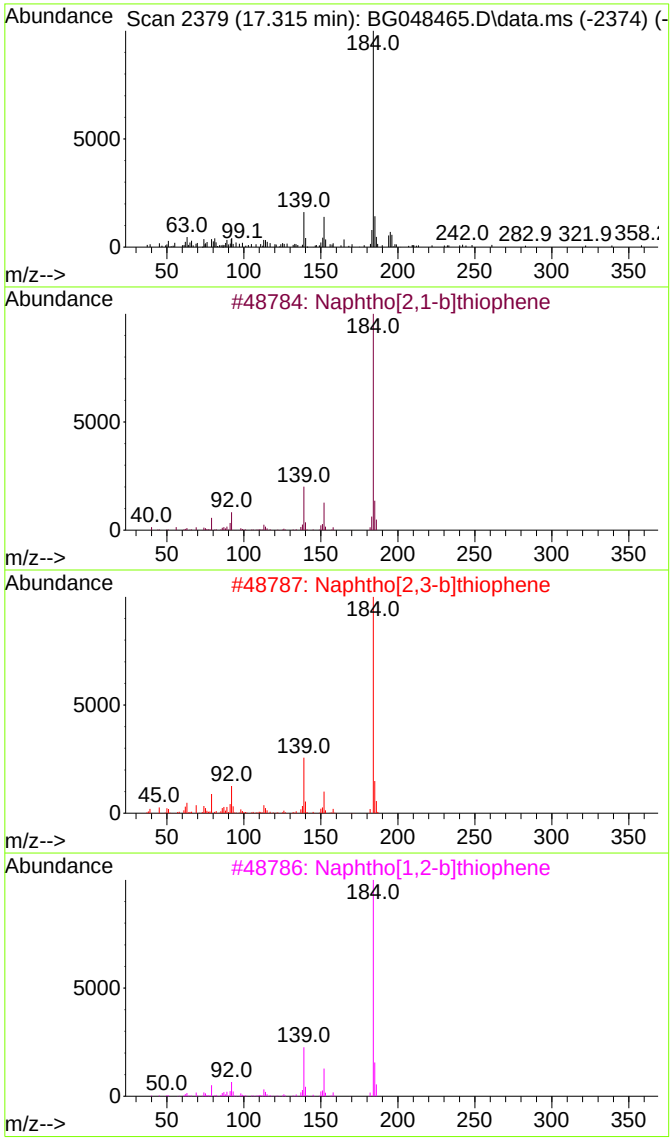
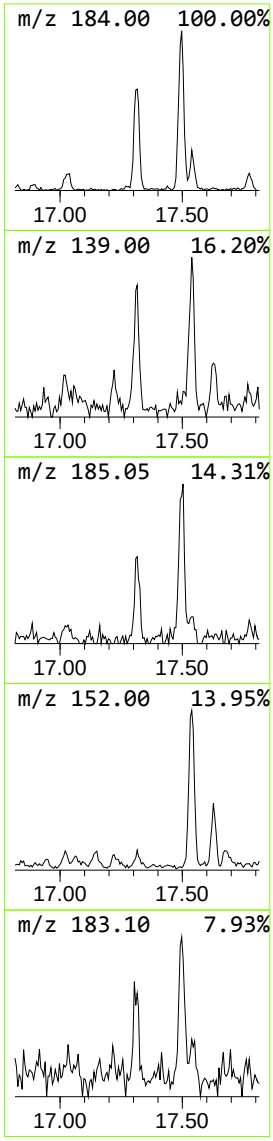
****

Peak Number 3 Naphtho[2,1-b]thiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.315	2.86 ng	140608	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	87
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
4	Dibenzothiophene	184	C12H8S	000132-65-0	87
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	80





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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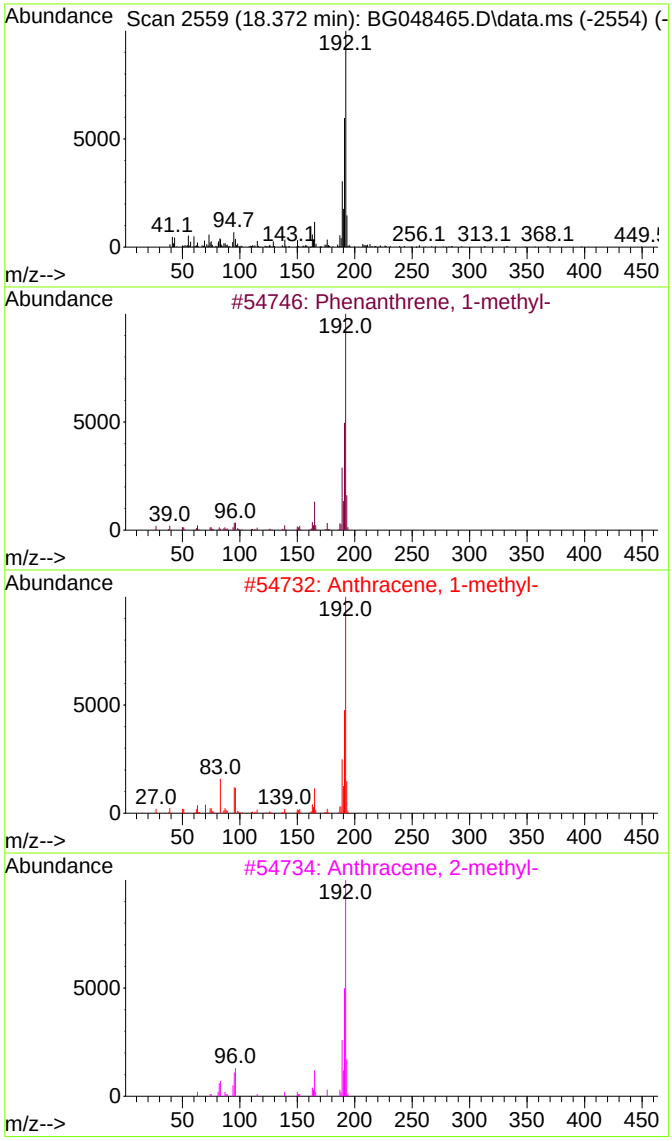
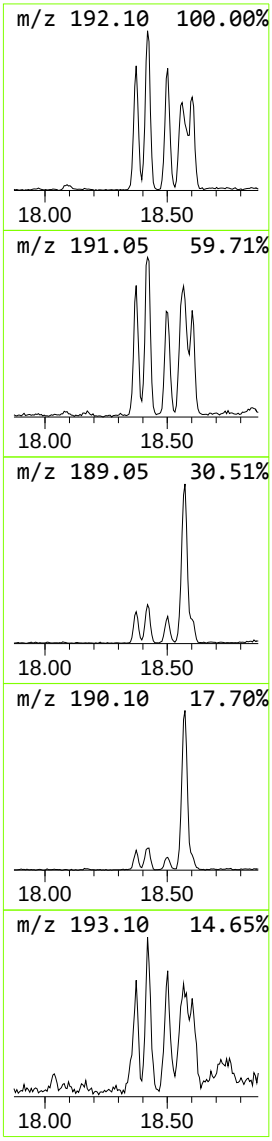
****

Peak Number 4 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.372	6.48 ng	319076	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	002531-84-2	87
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

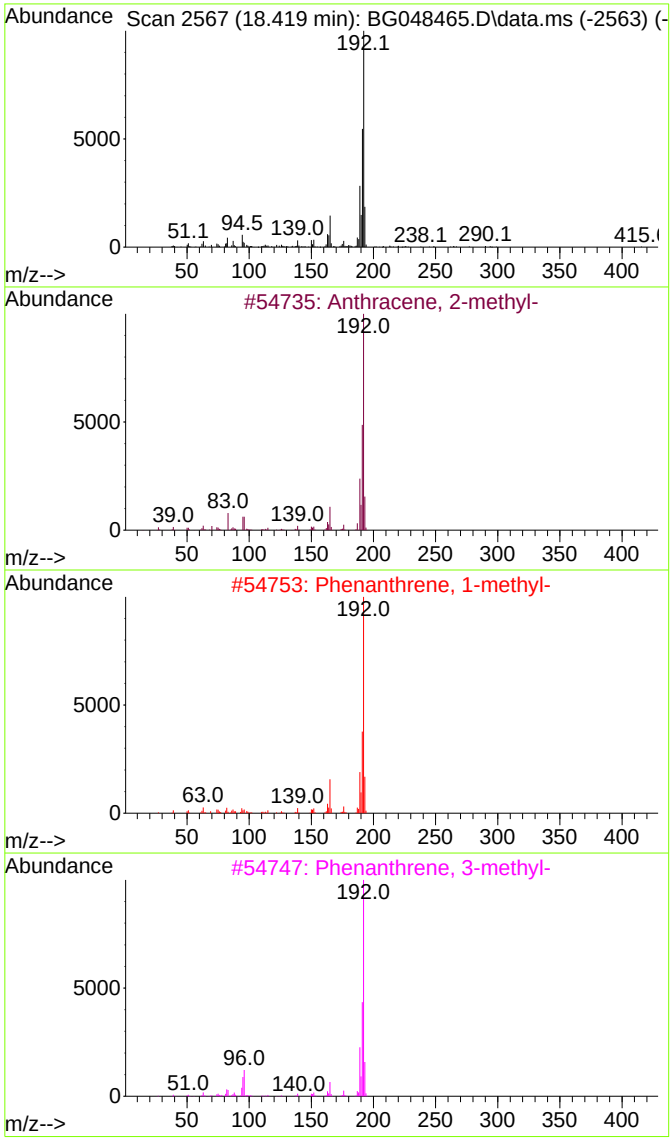
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

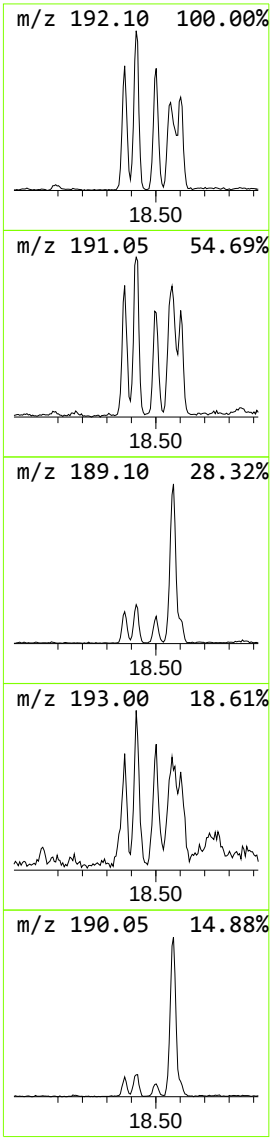
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.419	8.44 ng	415783	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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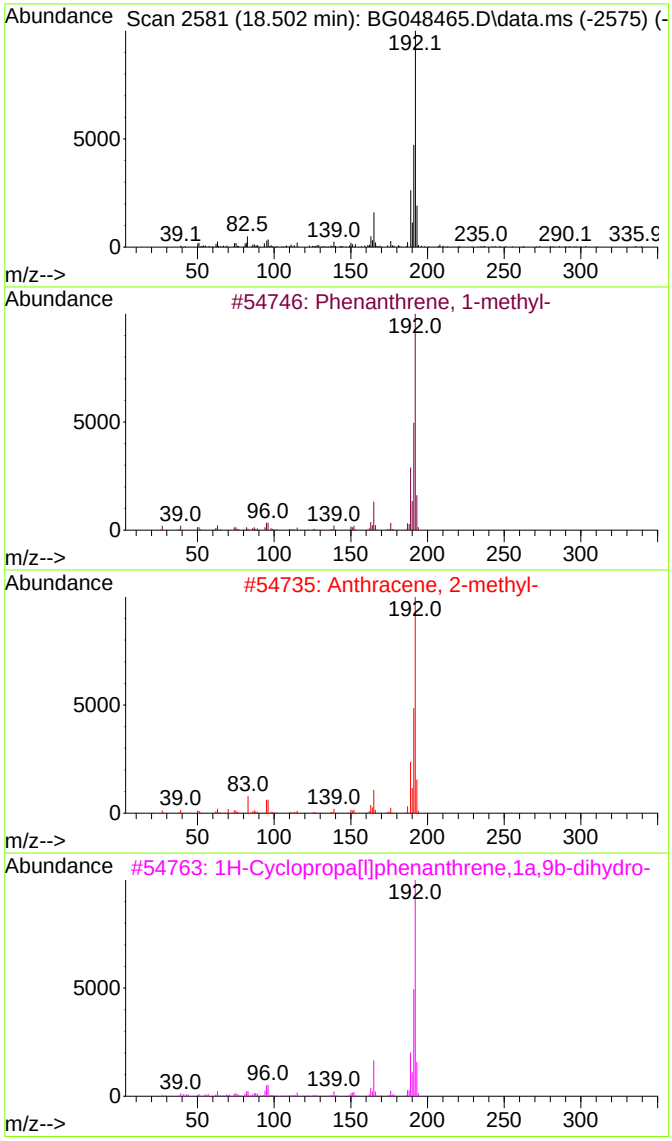
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

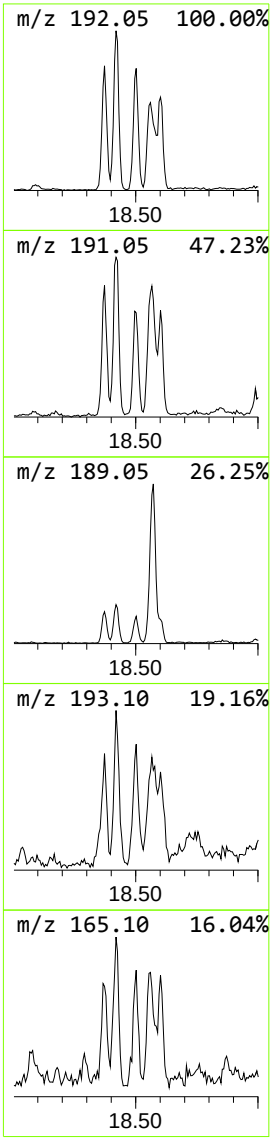
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.502	5.70 ng	280541	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	87





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Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7A

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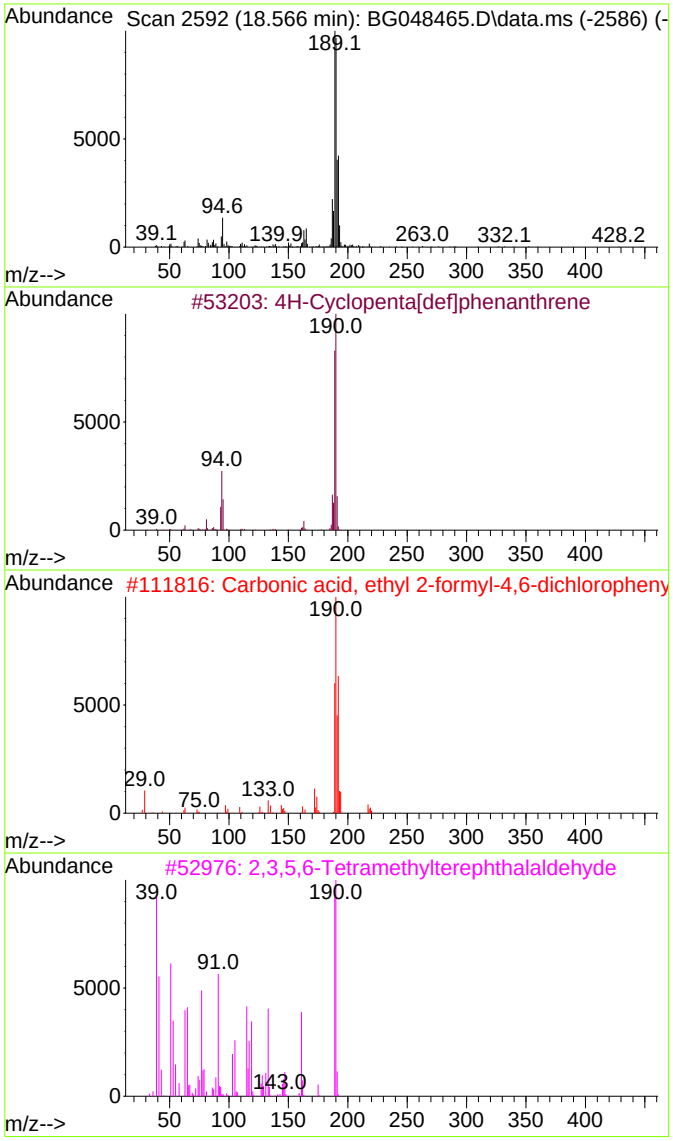
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

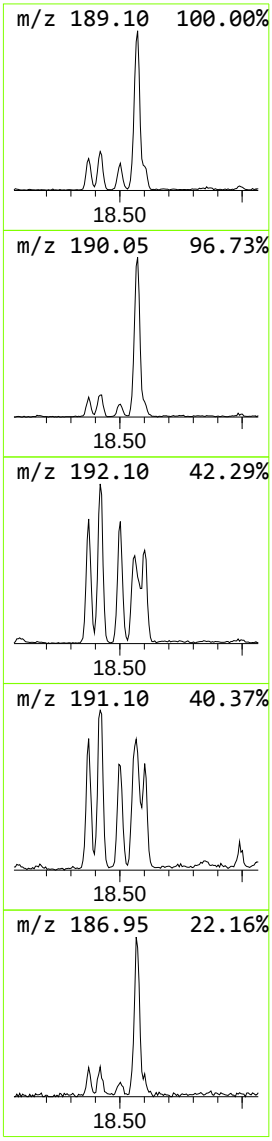
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.566	15.34 ng	755092	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	53
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	42
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

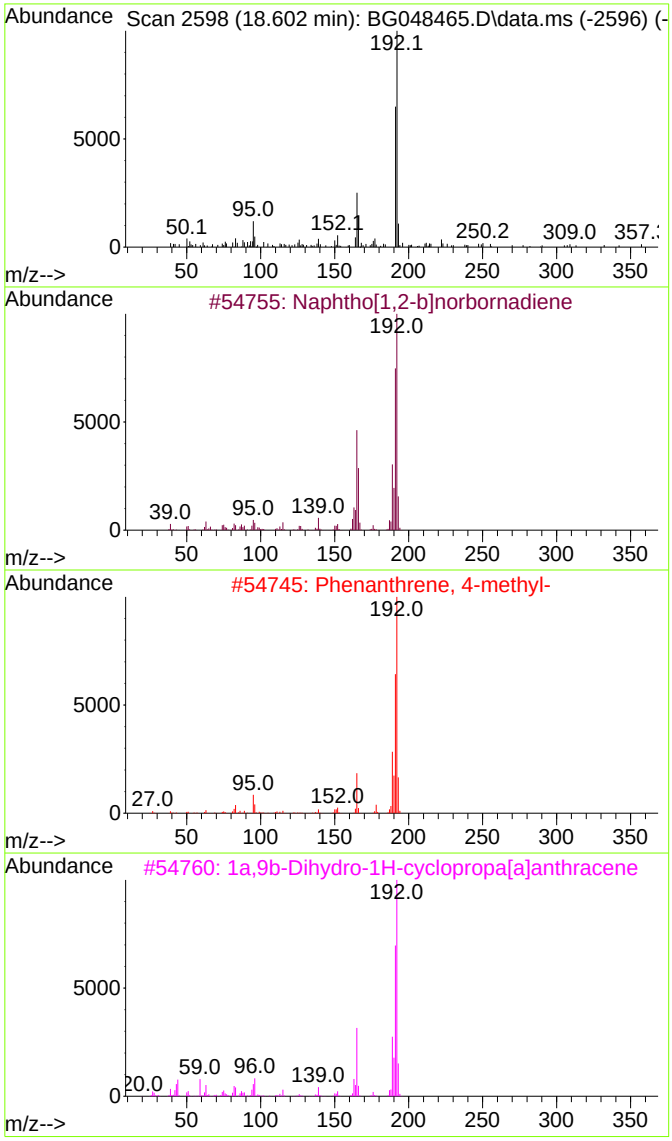
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

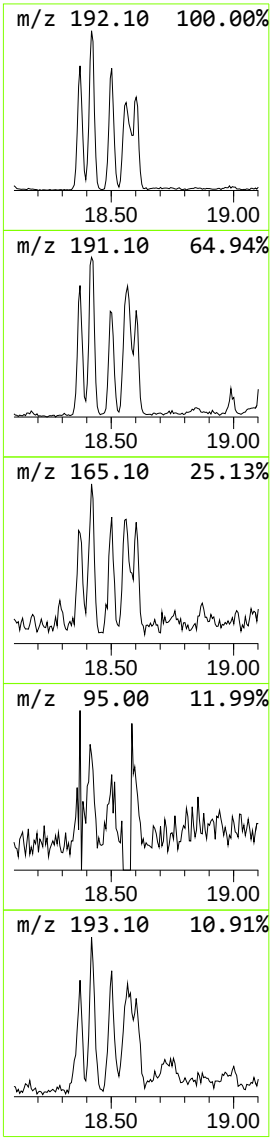
****

Peak Number 8 Naphtho[1,2-b]norbornadiene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.602	3.87 ng	190527	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]norbornadiene	192	C15H12	1000210-14-8	83
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	81
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	80
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	80
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	76





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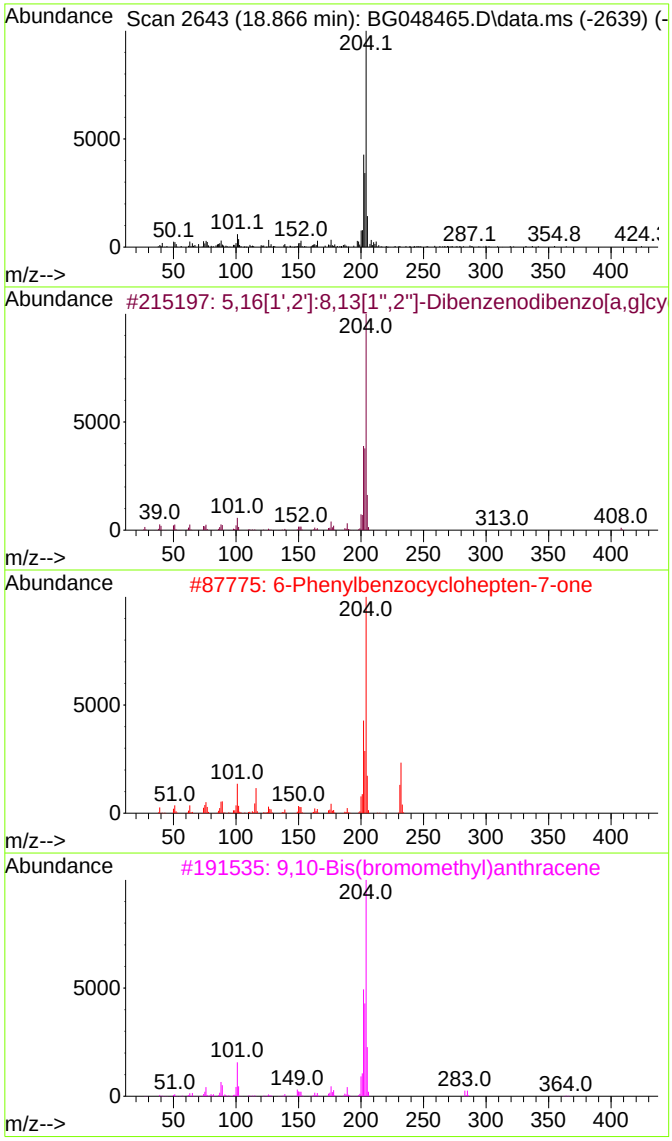
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

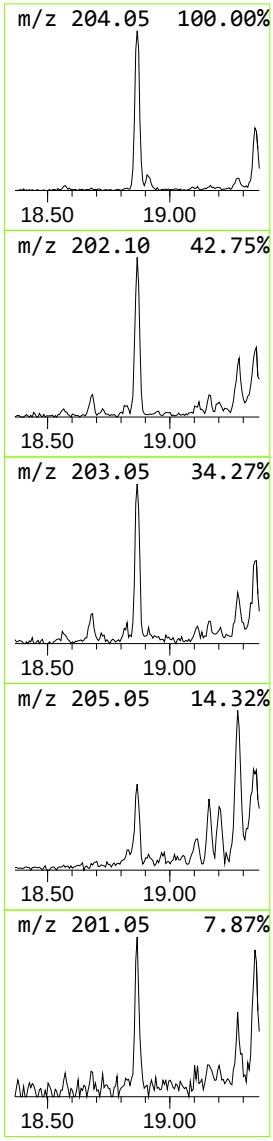
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.866	4.13 ng	203492	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	90
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	74
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	70
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	64
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58





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

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

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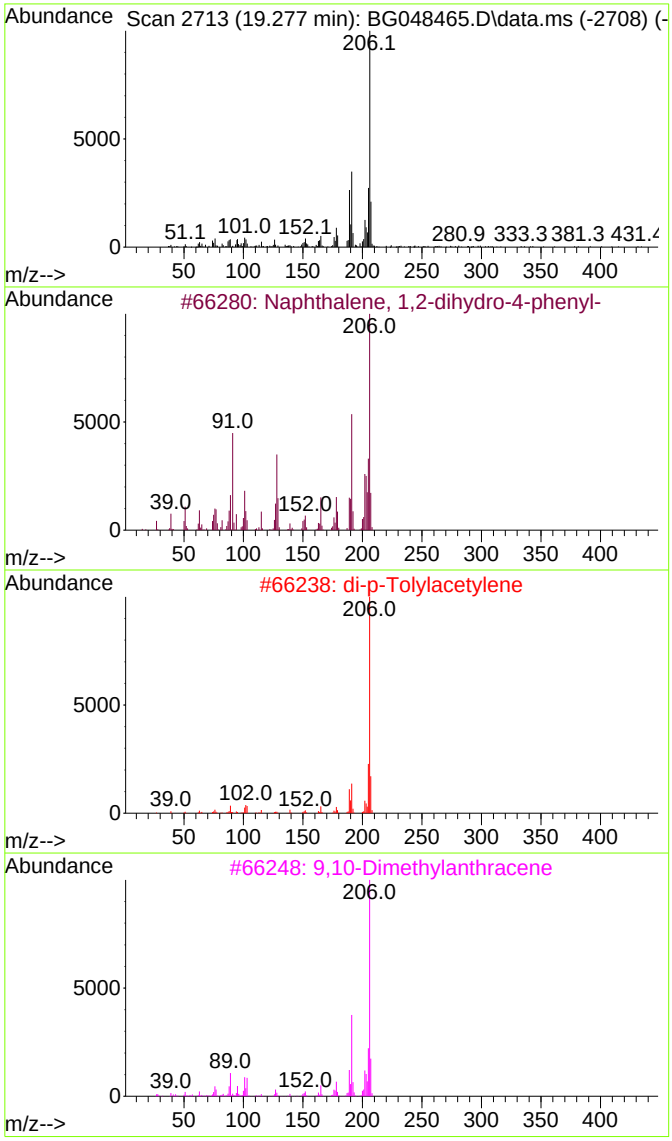
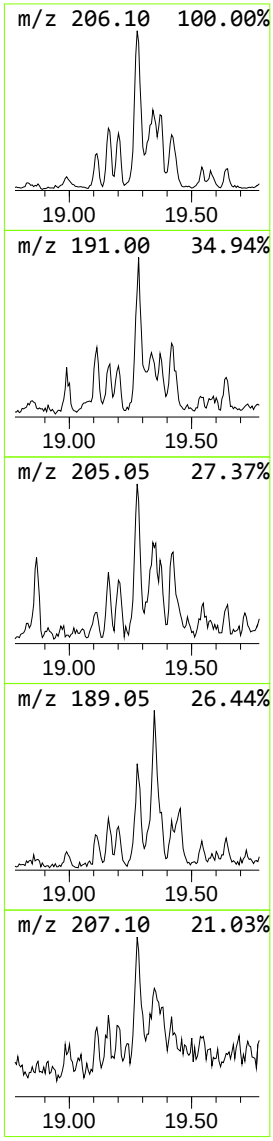
Peak Number 10 Naphthalene, 1,2-dihydro-4-... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.277	7.74 ng	381151	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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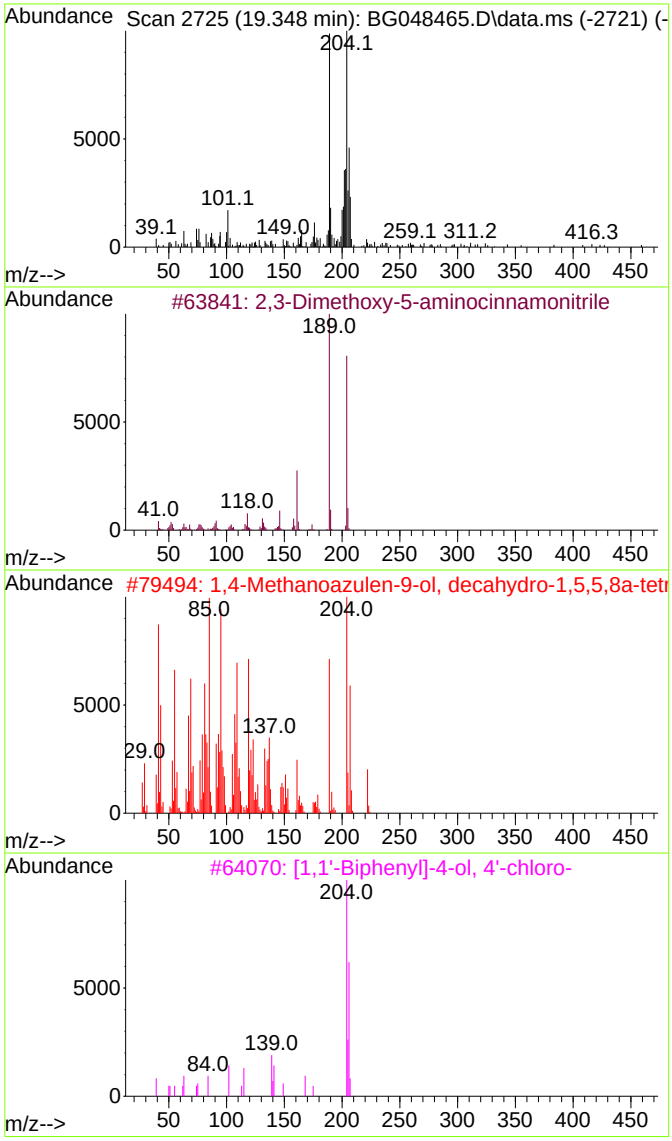
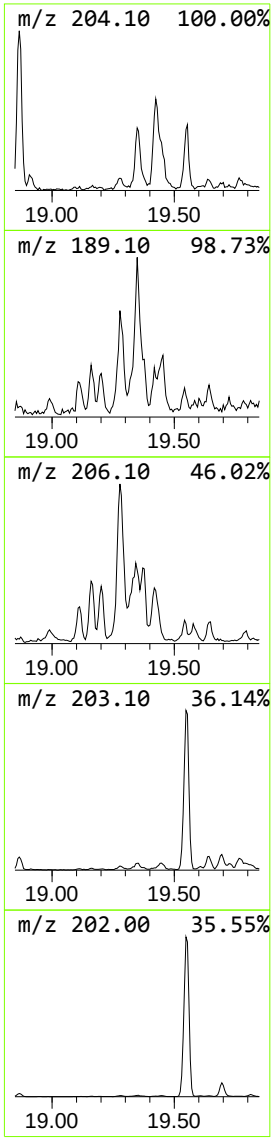
Peak Number 11 unknown19.348 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.348	3.05 ng	149978	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,3-Dimethoxy-5-aminocinnamonitrile	204	C11H12N2O2	1000214-46-5	47
2	1,4-Methanoazulen-9-ol, decahydr...	222	C15H26O	000465-24-7	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	38
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	38
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	30





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

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

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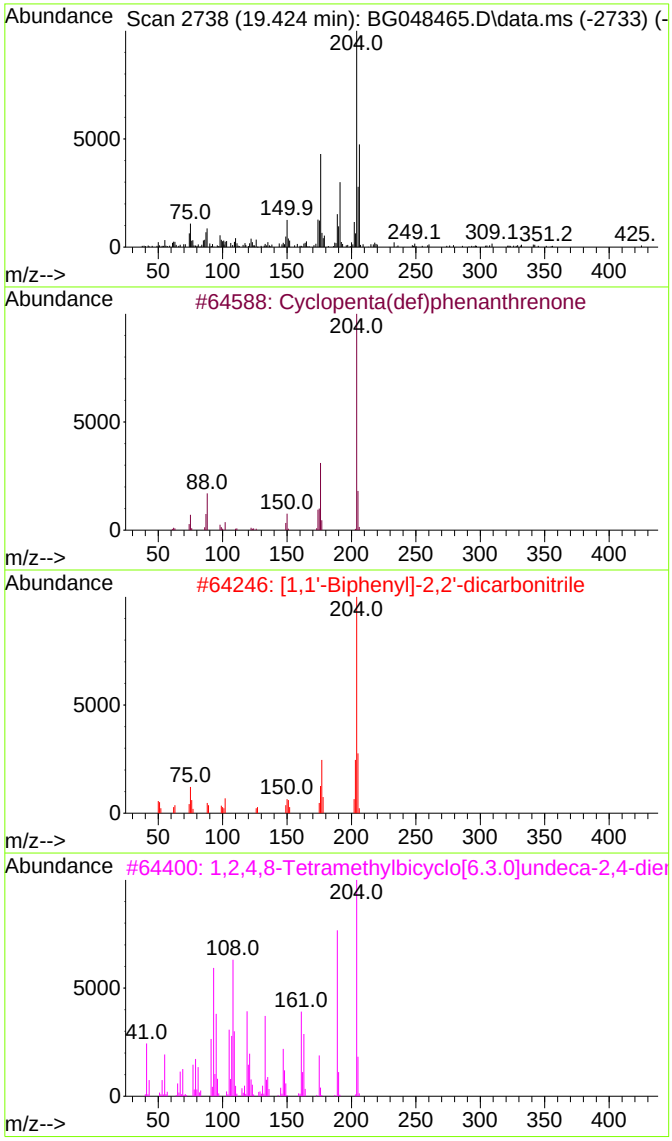
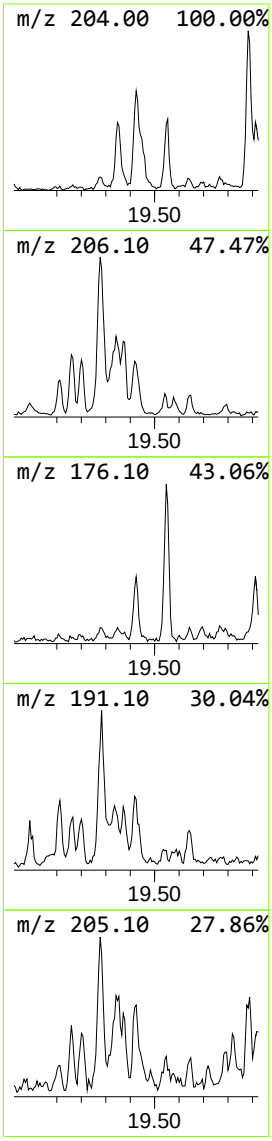
Peak Number 12 unknown19.424 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.424	6.11 ng	300986	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	43
2	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
4	1,2,3,4,6,7,8,9-Octahydrodipyrid...	205	C11H15N3O	111303-60-7	37
5	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	37





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Misc :
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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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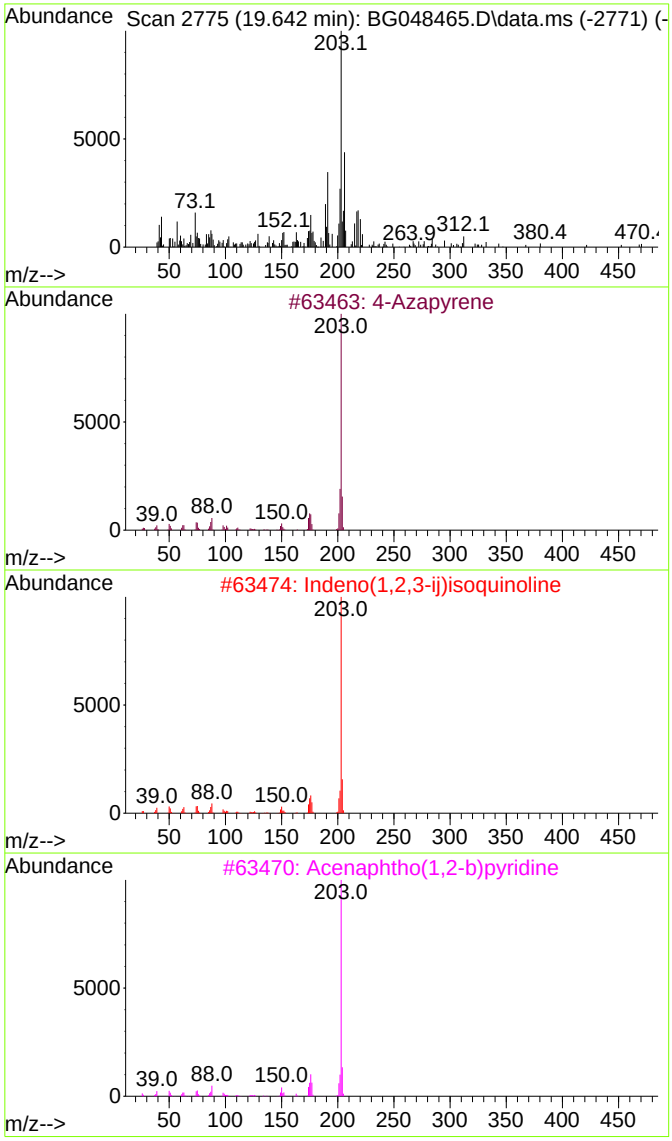
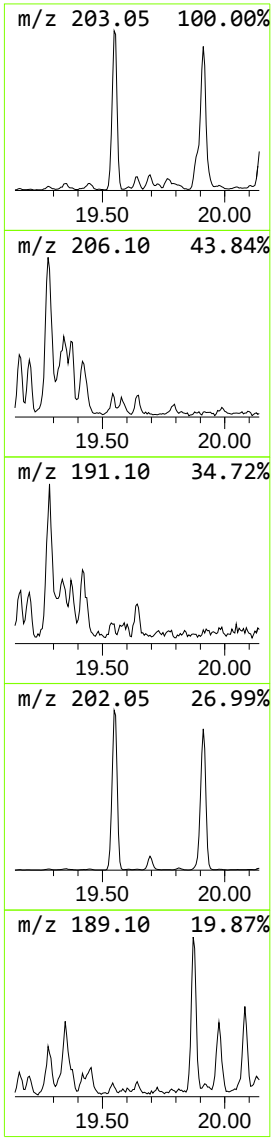
Peak Number 13 unknown19.642 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.642	2.95 ng	145219	Phenanthrene-d10	17.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Azapyrene	203	C15H9N	000194-03-6	45
2	Indeno(1,2,3-ij)isoquinoline	203	C15H9N	000206-56-4	41
3	Acenaphtho(1,2-b)pyridine	203	C15H9N	000206-49-5	38
4	Naphtho(2,1,8-def)quinoline	203	C15H9N	000313-80-4	38
5	9-Anthraldehyde, 2-furylcarbonyl...	314	C20H14N2O2	292180-87-1	38





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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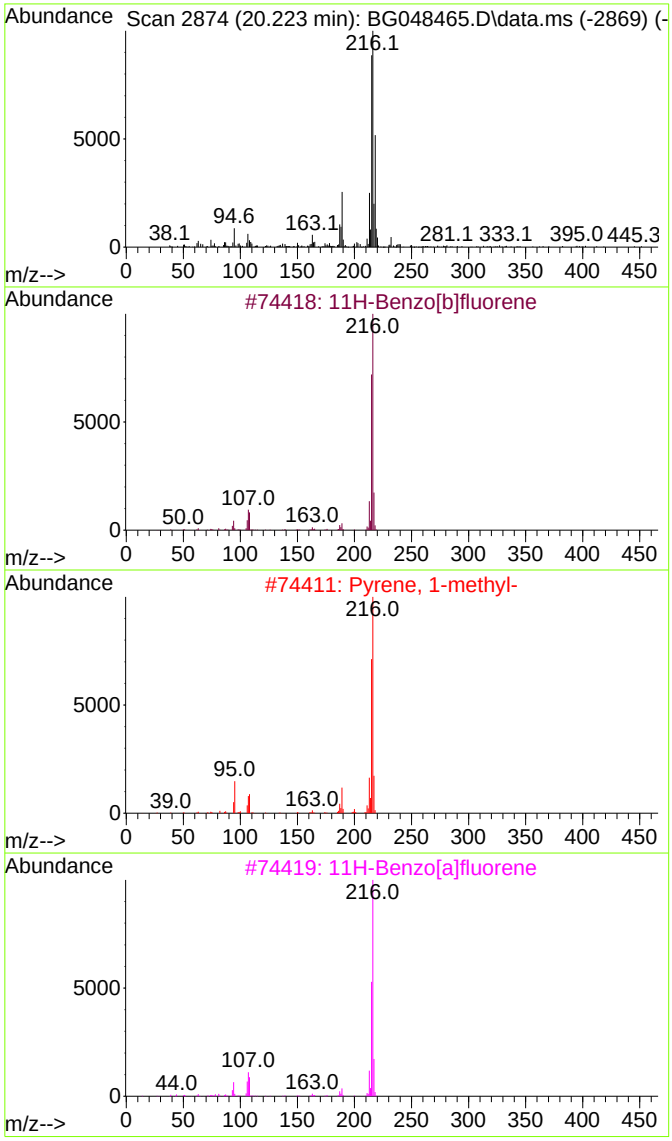
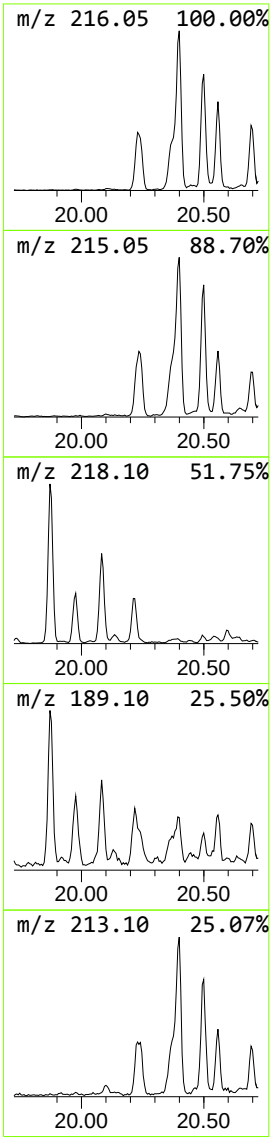
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.223	3.73 ng	698472	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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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\NIST11.L
TIC Integration Parameters: LSCINT.P

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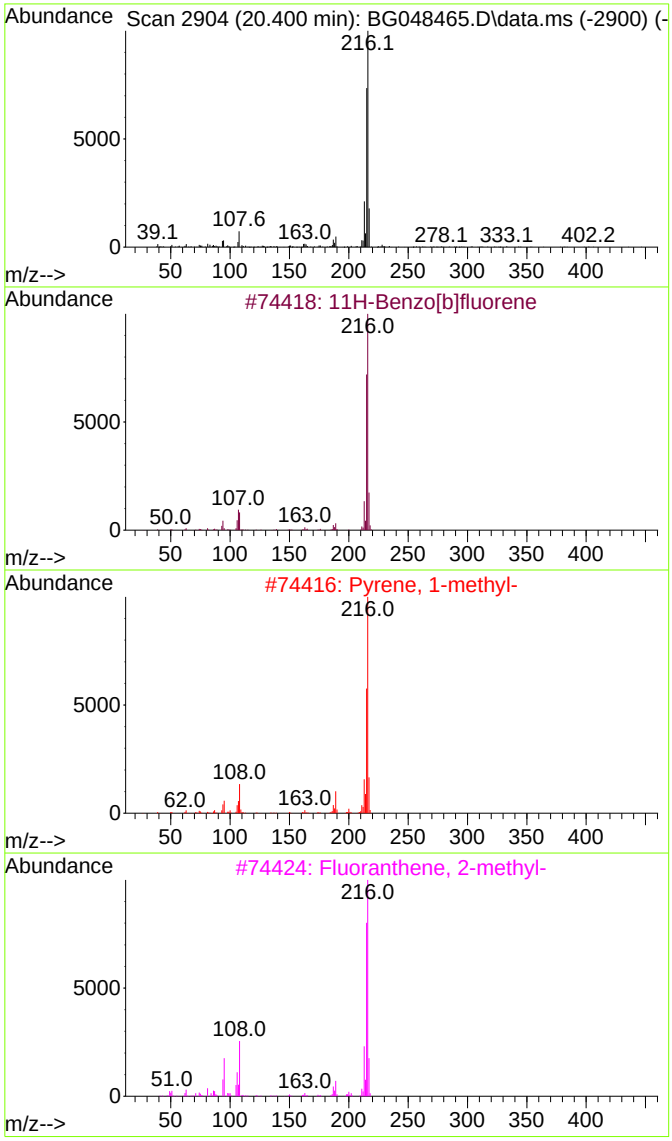
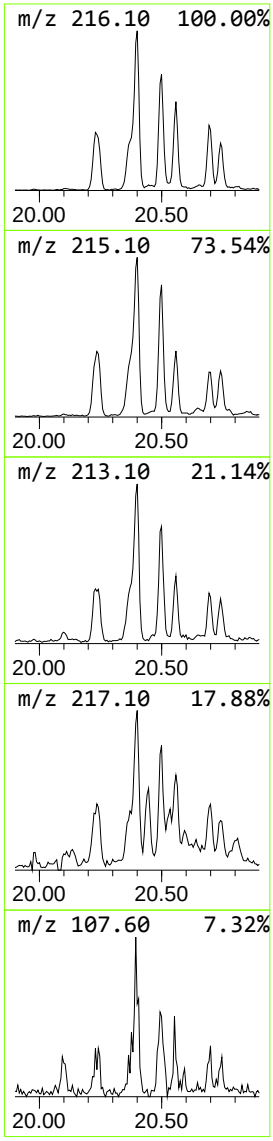
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.400	4.49 ng	842074	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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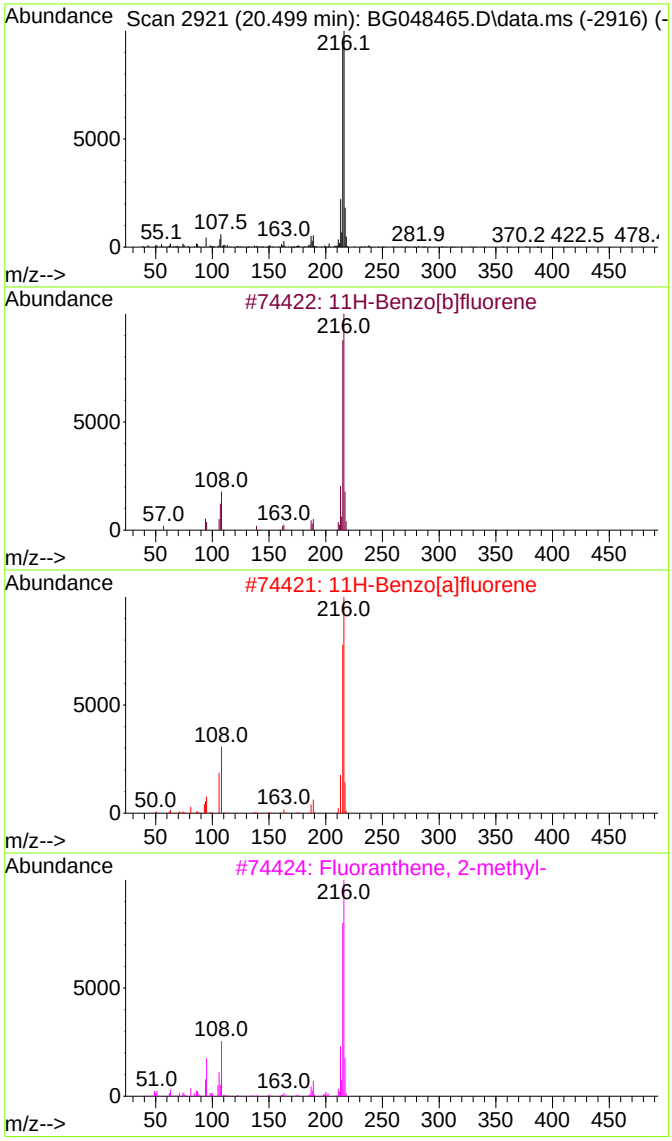
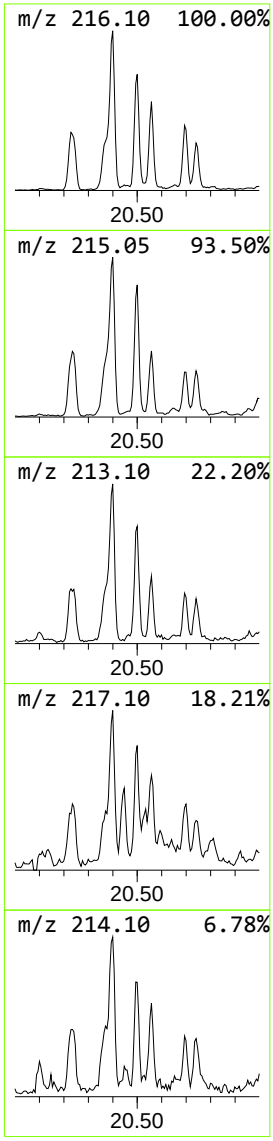
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.499	3.14 ng	588870	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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

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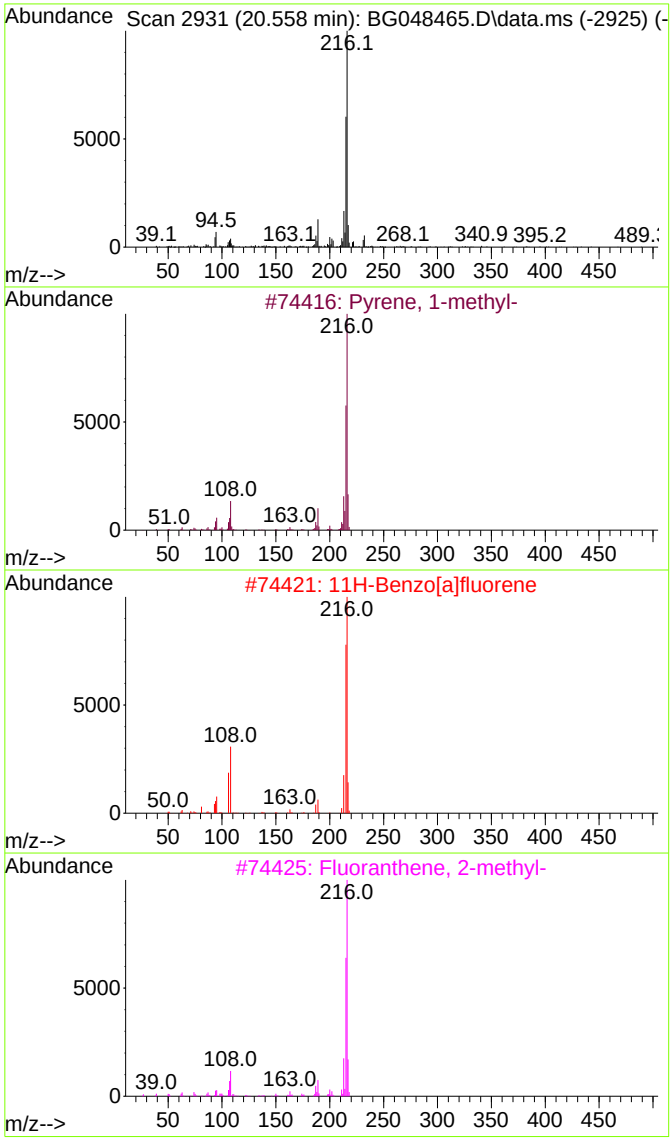
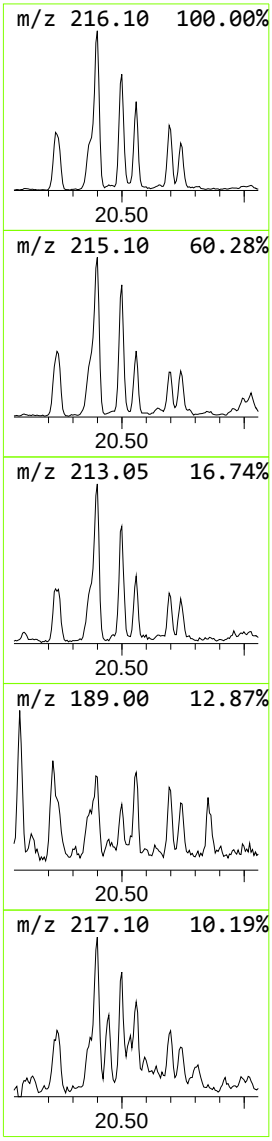
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.558	3.28 ng	615239	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	68
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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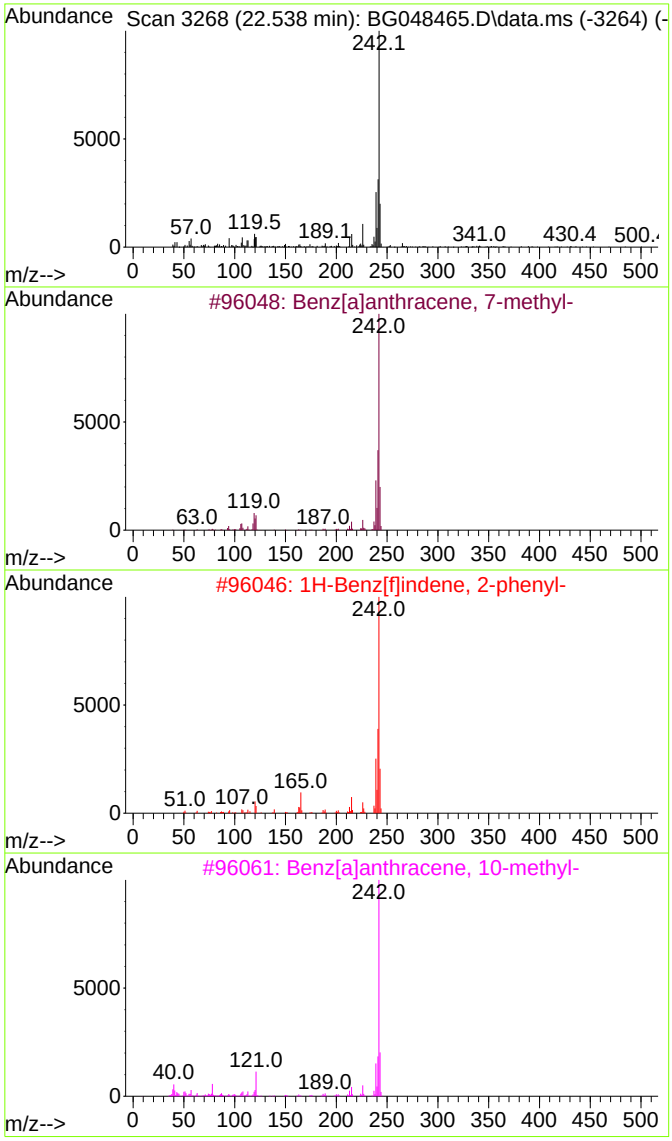
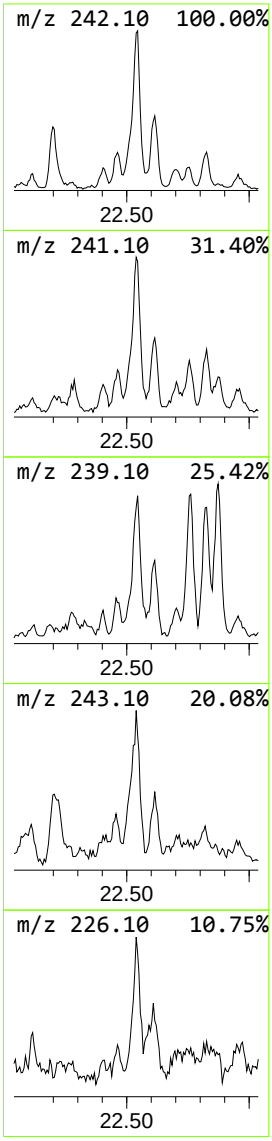
Peak Number 18 Benz[a]anthracene, 7-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.538	3.01 ng	565164	Chrysene-d12	21.792

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	93
2	1H-Benz[f]indene, 2-phenyl-	242	C19H14	1000305-22-4	89
3	Benz[a]anthracene, 10-methyl-	242	C19H14	002381-15-9	89
4	Benz[a]anthracene, 9-methyl-	242	C19H14	002381-16-0	89
5	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	89





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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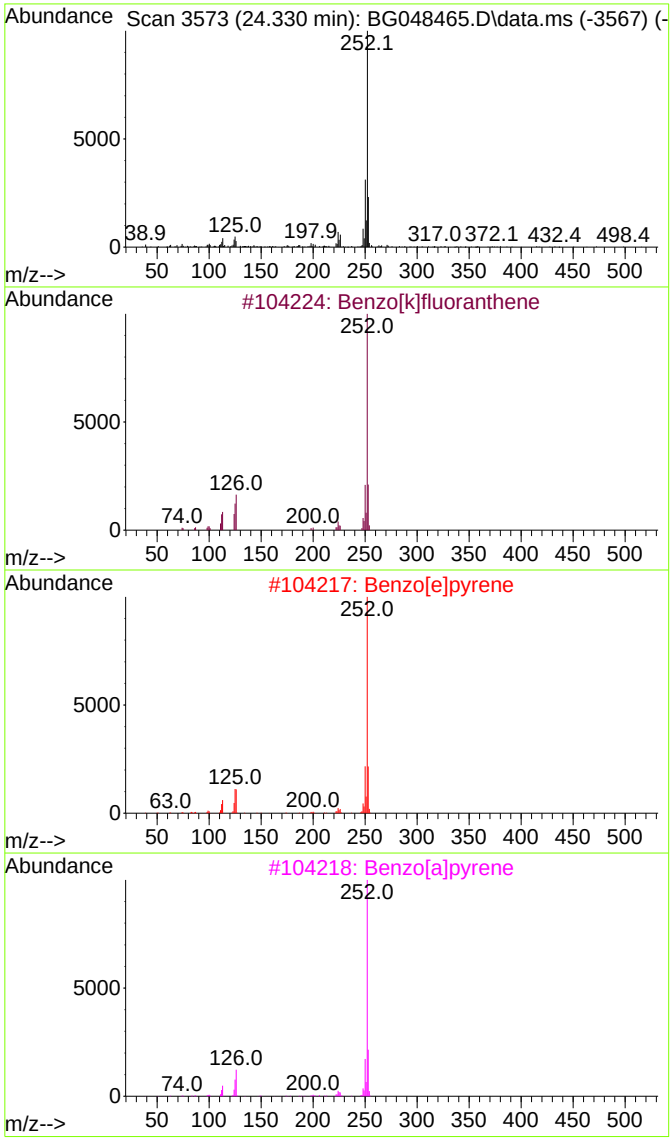
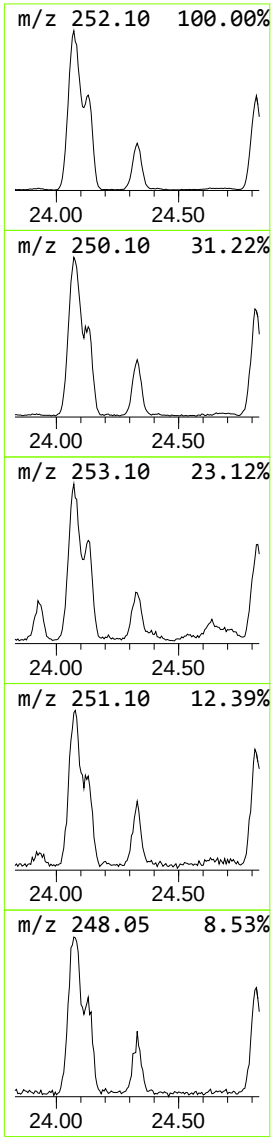
Peak Number 19 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.330	13.65 ng	614837	Perylene-d12	25.123

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
2	Benzo[e]pyrene	252	C20H12	000192-97-2	74
3	Benzo[a]pyrene	252	C20H12	000050-32-8	74
4	Perylene	252	C20H12	000198-55-0	64
5	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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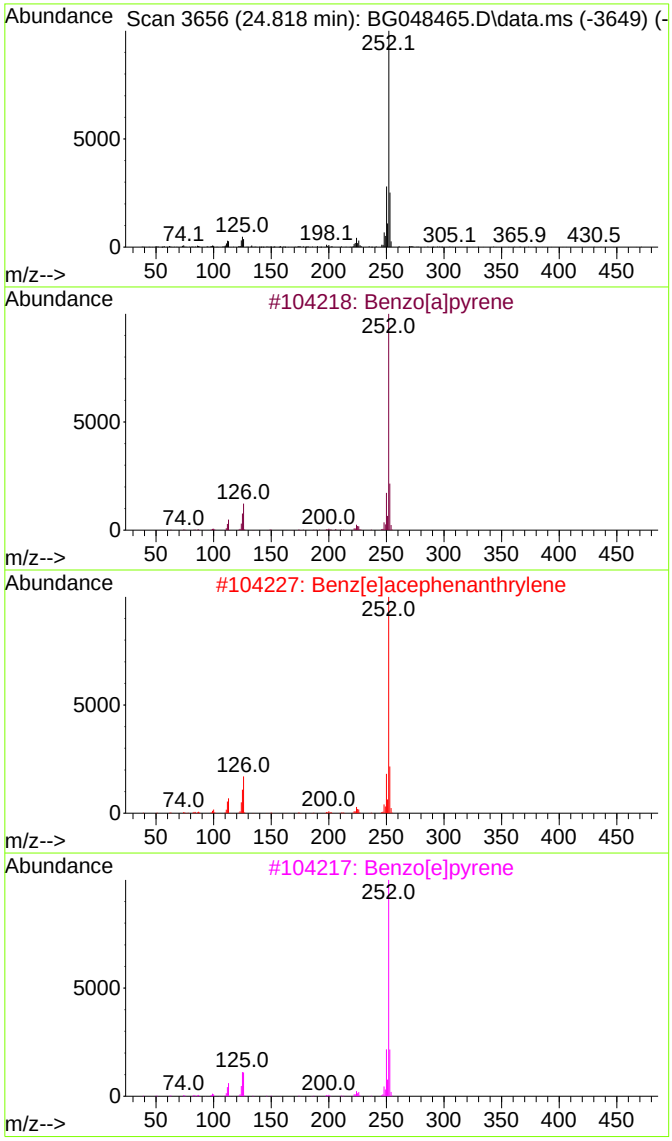
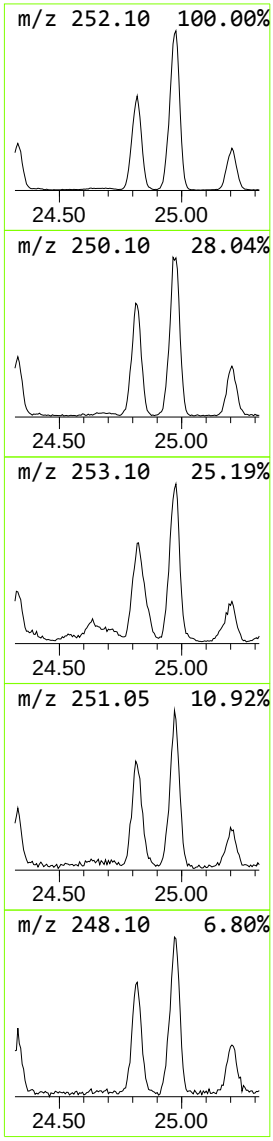
Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.818	34.68 ng	1562410	Perylene-d12	25.123

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032221\
Data File : BG048465.D
Acq On : 23 Mar 2021 6:02
Operator : CG/JU
Sample : M1713-03 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-7A

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG031821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
9H-Fluorene, 3-...	16.792	3.0	ng	146705	4	17.497	984738	20.0
Benzo[b]benzofu...	17.221	3.5	ng	172837	4	17.497	984738	20.0
Naphtho[2,1-b]t...	17.315	2.9	ng	140608	4	17.497	984738	20.0
Phenanthrene, 1...	18.372	6.5	ng	319076	4	17.497	984738	20.0
Anthracene, 2-m...	18.419	8.4	ng	415783	4	17.497	984738	20.0
1H-Cyclopropa[l...	18.502	5.7	ng	280541	4	17.497	984738	20.0
4H-Cyclopenta[d...	18.566	15.3	ng	755092	4	17.497	984738	20.0
Naphtho[1,2-b]n...	18.602	3.9	ng	190527	4	17.497	984738	20.0
5,16[1',2']:8,1...	18.866	4.1	ng	203492	4	17.497	984738	20.0
Naphthalene, 1,...	19.277	7.7	ng	381151	4	17.497	984738	20.0
unknown19.348	19.348	3.0	ng	149978	4	17.497	984738	20.0
unknown19.424	19.424	6.1	ng	300986	4	17.497	984738	20.0
unknown19.642	19.642	3.0	ng	145219	4	17.497	984738	20.0
11H-Benzo[b]flu...	20.223	3.7	ng	698472	5	21.792	3749340	20.0
Pyrene, 1-methyl-	20.400	4.5	ng	842074	5	21.792	3749340	20.0
11H-Benzo[a]flu...	20.499	3.1	ng	588870	5	21.792	3749340	20.0
Fluoranthene, 2...	20.558	3.3	ng	615239	5	21.792	3749340	20.0
Benz[a]anthrace...	22.538	3.0	ng	565164	5	21.792	3749340	20.0
Benzo[e]pyrene	24.330	13.7	ng	614837	6	25.123	901064	20.0
Perylene	24.818	34.7	ng	1562410	6	25.123	901064	20.0