LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061179.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.071	8	14	22	rBV5	25091	65129	3.03%	0.275%
2	3.147	22	27	42	rVB	726405	1135290	52.82%	4.797%
3	5.521	425	431	438	rBV	179826	277637	12.92%	1.173%
4	5.938	492	502	510	rBV4	10447	26766	1.25%	0.113%
5	7.107	691	701	709	rBV	112170	196382	9.14%	0.830%
6	7.595	775	784	793	rBV5	12504	31369	1.46%	0.133%
7	7.930	834	841	847	rBV	101685	170960	7.95%	0.722%
8	9.082	1030	1037	1045	rVB	277992	492932	22.93%	2.083%
9	10.721	1307	1316	1323	rBV	120804	213789	9.95%	0.903%
10	11.332	1414	1420	1425	rBV4	11841	21635	1.01%	0.091%
11	13.130	1721	1726	1729	rBV2	15287	25010	1.16%	0.106%
12	13.183	1729	1735	1742	rVB	729075	1122930	52.25%	4.745%
13	14.011	1870	1876	1883	rVB2	23091	37362	1.74%	0.158%
14	14.281	1911	1922	1927	rBV	56844	114285	5.32%	0.483%
15	14.557	1960	1969	1976	rBV	220551	364718	16.97%	1.541%
16	14.616	1976	1979	1984	rVB4	16034	27690	1.29%	0.117%
17	15.033	2044	2050	2053	rBV4	13611	23672	1.10%	0.100%
18	15.163	2067	2072	2080	rBV7	20353	43027	2.00%	0.182%
19	15.427	2112	2117	2121	rBV3	14099	25841	1.20%	0.109%
20	15.609	2143	2148	2160	rVB6	30805	83151	3.87%	0.351%
21	15.727	2165	2168	2174	rVV6	25174	40831	1.90%	0.173%
22	15.821	2174	2184	2192	rVV7	32072	60194	2.80%	0.254%
23	15.897	2192	2197	2200	rBV6	12925	22650	1.05%	0.096%
24	16.050	2213	2223	2231	rBV	799528	1227182	57.10%	5.186%
25	16.279	2257	2262	2273	rVB8	32927	73861	3.44%	0.312%
26	16.584	2310	2314	2317	rBV4	27993	50236	2.34%	0.212%
27	16.661	2323	2327	2332	rVB2	31428	48635	2.26%	0.206%
28	16.761	2340	2344	2348	rBV	17700	26247	1.22%	0.111%
29	16.966	2373	2379	2384	rVB7	19202	42593	1.98%	0.180%
30	17.125	2402	2406	2409	rBV2	25242	33494	1.56%	0.142%
31	17.307	2431	2437	2440	rBV	289278	448277	20.86%	1.894%
32	17.348	2440	2444	2450	rVB	538924	752040	34.99%	3.178%
33	17.436	2455	2459	2463	rVB2	36787	52940	2.46%	0.224%
34	17.495	2465	2469	2474	rVV4	27396	51087	2.38%	0.216%
35	17.619	2487	2490	2495	rVB3	30603	45358	2.11%	0.192%
36	17.677	2495	2500	2506	rBV4	23699	56022	2.61%	0.237%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.824	2517	2525	2530	rBV2	80186	151562	7.05%	0.640%
38	17.889	2532	2536	2540	rVB3	61180	85823	3.99%	0.363%
39	18.030	2556	2560	2566	rVB2	33199	70623	3.29%	0.298%
40	18.106	2568	2573	2580	rBV3	34442	79109	3.68%	0.334%
41	18.183	2581	2586	2591	rVV	206716	438896	20.42%	1.855%
42	18.230	2591	2594	2599	rVB	233278	352134	16.38%	1.488%
43	18.312	2605	2608	2612	rBV2	19686	26256	1.22%	0.111%
44	18.371	2612	2618	2623	rVV2	305667	581861	27.07%	2.459%
45	18.412	2623	2625	2630	rVV	187259	252644	11.75%	1.068%
46	18.459	2630	2633	2636	rVV4	34784	55073	2.56%	0.233%
47	18.494	2637	2639	2643	rVB4	27393	30298	1.41%	0.128%
48	18.582	2649	2654	2661	rBV2	62001	120747	5.62%	0.510%
49	18.682	2666	2671	2675	rVV	273798	383277	17.83%	1.620%
50	18.723	2675	2678	2688	rVB3	101058	216779	10.09%	0.916%
51	18.823	2688	2695	2699	rBV6	27264	75582	3.52%	0.319%
52	18.929	2710	2713	2717	rVB2	41789	50352	2.34%	0.213%
53	18.976	2718	2721	2724	rVV	56497	75477	3.51%	0.319%
54	19.017	2725	2728	2732	rVB2	56237	77258	3.59%	0.326%
55	19.099	2737	2742	2747	rBV	184046	318460	14.82%	1.346%
56	19.158	2747	2752	2755	rBV4	72967	131913	6.14%	0.557%
57	19.193	2755	2758	2761	rVB	67713	80347	3.74%	0.340%
58	19.240	2762	2766	2773	rBV2	110978	221240	10.29%	0.935%
59	19.364	2782	2787	2793	rVB	806382	1108662	51.58%	4.685%
60	19.428	2793	2798	2801	rBV	219100	328879	15.30%	1.390%
61	19.510	2809	2812	2816	rVB	83197	107211	4.99%	0.453%
62	19.557	2816	2820	2825	rBV3	64013	96925	4.51%	0.410%
63	19.604	2825	2828	2830	rBV2	29814	33812	1.57%	0.143%
64	19.728	2840	2849	2857	rVB	1162577	1729946	80.49%	7.310%
65	19.798	2857	2861	2867	rVB2	60417	94797	4.41%	0.401%
66	19.928	2878	2883	2888	rBV	1704855	2149285	100.00%	9.082%
67	20.051	2899	2904	2912	rBV2	113254	261485	12.17%	1.105%
68	20.186	2922	2927	2928	rBV4	99855	138343	6.44%	0.585%
69	20.221	2929	2933	2938	rVB	193078	293850	13.67%	1.242%
70	20.321	2946	2950	2955	rVB	134452	165254	7.69%	0.698%
71	20.380	2955	2960	2964	rVB	151979	198729	9.25%	0.840%
72	20.515	2979	2983	2987	rBV	121579	171250	7.97%	0.724%
73	20.562	2987	2991	2996	rVB	134539	178067	8.28%	0.752%
74	20.973	3058	3061	3068	rVB2	92001	156640	7.29%	0.662%
75	21.197	3095	3099	3102	rBV	90654	117701	5.48%	0.497%
76	21.238	3103	3106	3111	rVB	64960	97733	4.55%	0.413%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.302	3113	3117	3124	rVB2	58514	111915	5.21%	0.473%
78	21.561	3153	3161	3166	rBV2	415572	1019776	47.45%	4.309%
79	21.614	3166	3170	3177	rVB	372306	622247	28.95%	2.629%
80	21.820	3202	3205	3210	rBV	36652	60746	2.83%	0.257%
81	22.278	3281	3283	3288	rVB2	65978	92997	4.33%	0.393%
82	22.348	3291	3295	3303	rVB2	73167	155782	7.25%	0.658%
83	22.542	3324	3328	3332	rBV	48192	90703	4.22%	0.383%
84	22.583	3332	3335	3343	rVB4	62873	109576	5.10%	0.463%
85	22.683	3349	3352	3359	rVB	39126	65180	3.03%	0.275%
86	23.153	3428	3432	3438	rBV5	30693	64929	3.02%	0.274%
87	23.706	3518	3526	3533	rBV3	140864	479092	22.29%	2.024%
88	23.952	3561	3568	3580	rVB3	47270	134642	6.26%	0.569%
89	24.399	3636	3644	3657	rVB2	124092	342948	15.96%	1.449%
90	24.540	3661	3668	3680	rVB2	144092	397203	18.48%	1.678%
91	24.687	3684	3693	3702	rBV2	206563	559786	26.05%	2.365%
92	25.809	3879	3884	3885	rBV5	18938	26024	1.21%	0.110%
93	28.212	4287	4293	4308	rVB3	60307	246340	11.46%	1.041%
94	29.328	4474	4483	4498	rVB2	57046	249508	11.61%	1.054%

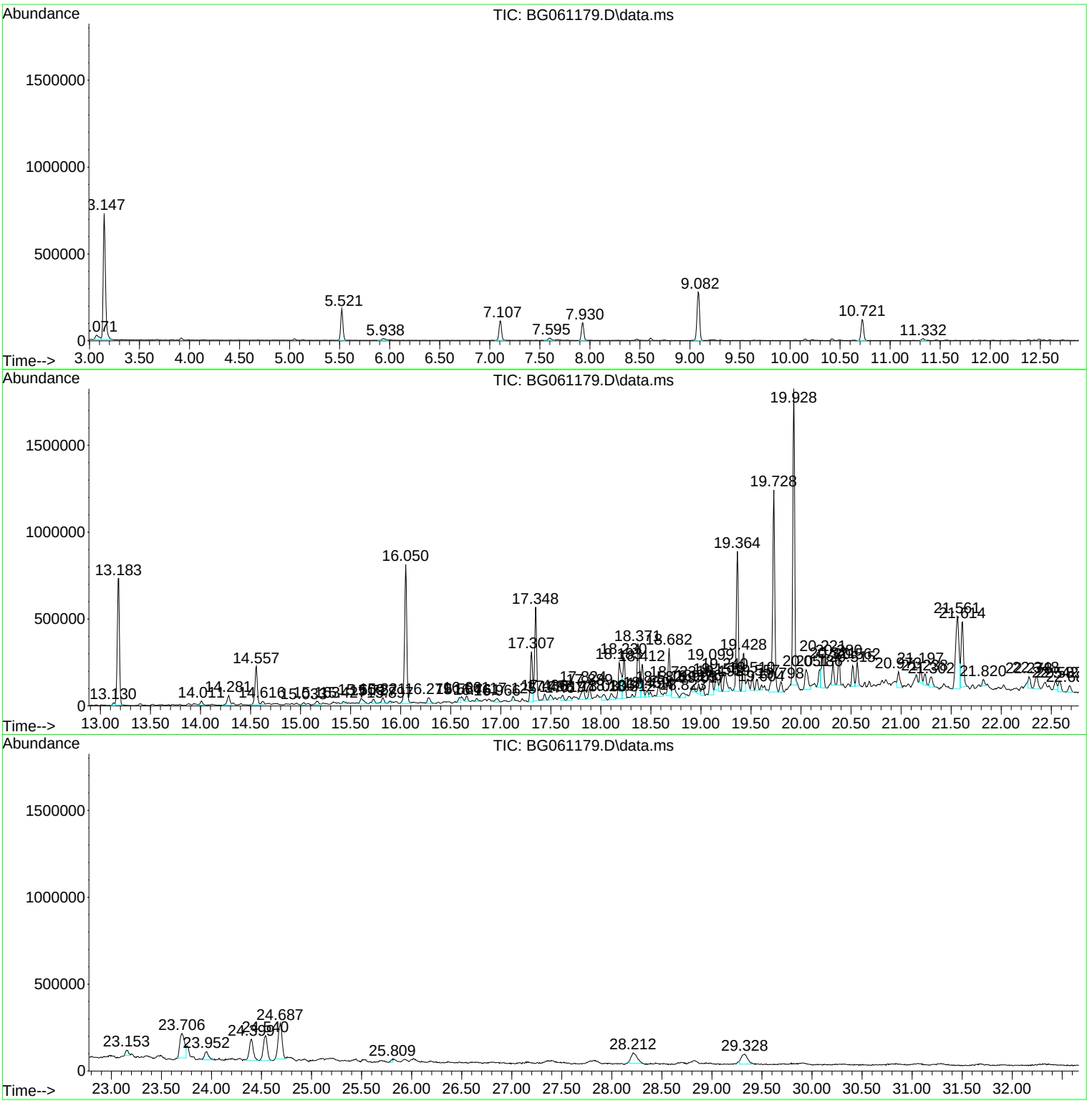
Sum of corrected areas: 23664896

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

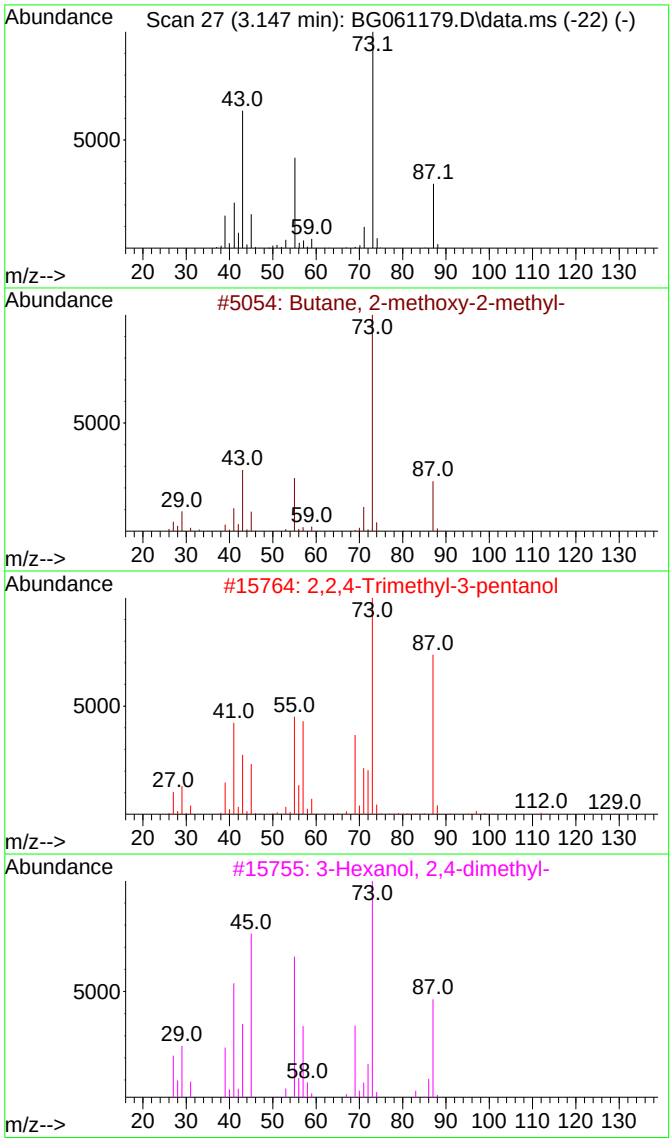
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

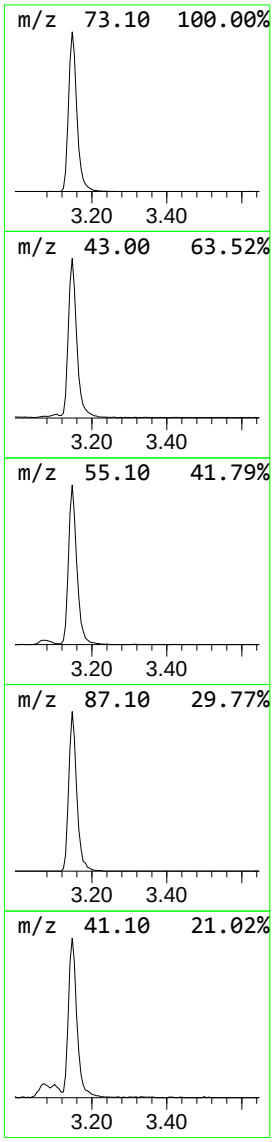
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.147	132.81 ng	1135290	1,4-Dichlorobenzene-d4	7.930

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38
3	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	33
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	28
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

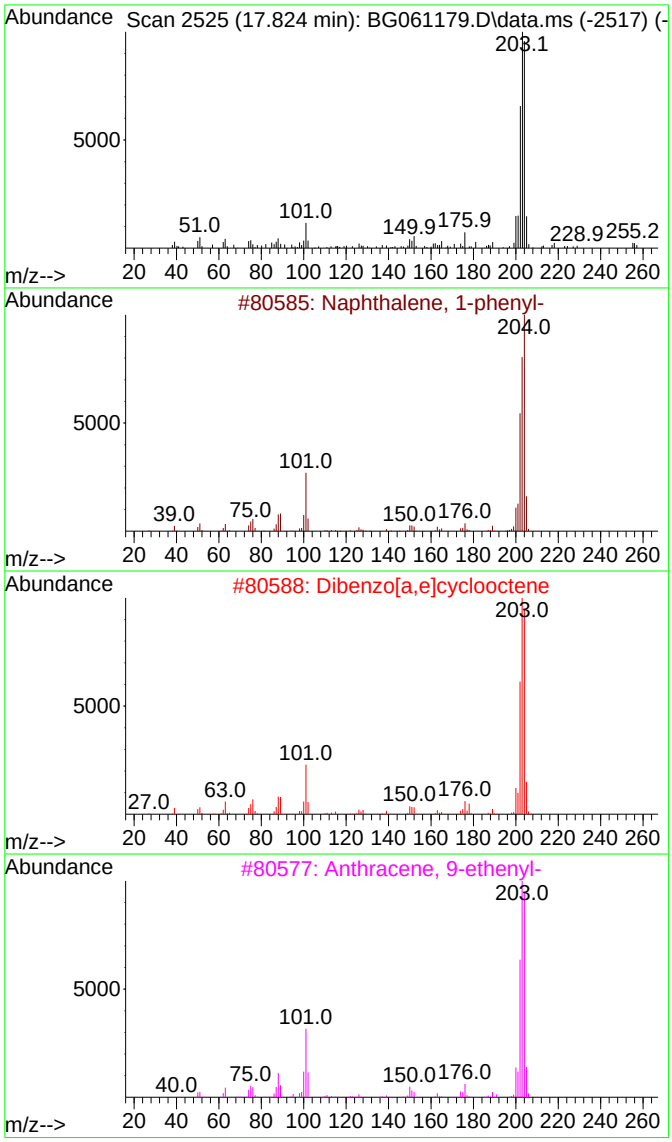
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

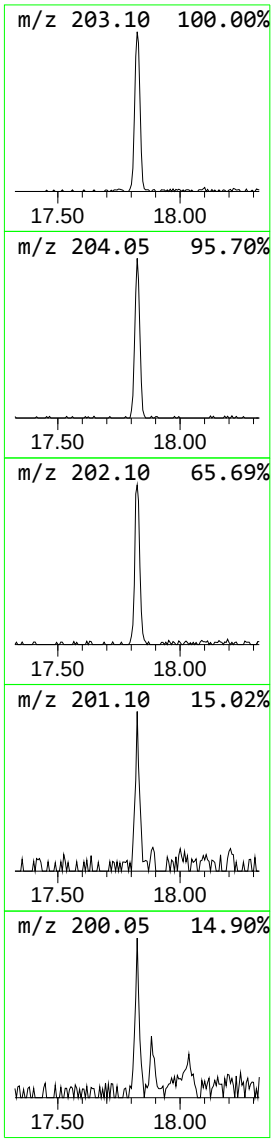
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Naphthalene, 1-phenyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.824	6.76 ng	151562	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	89
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	89
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	89
4	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68
5	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

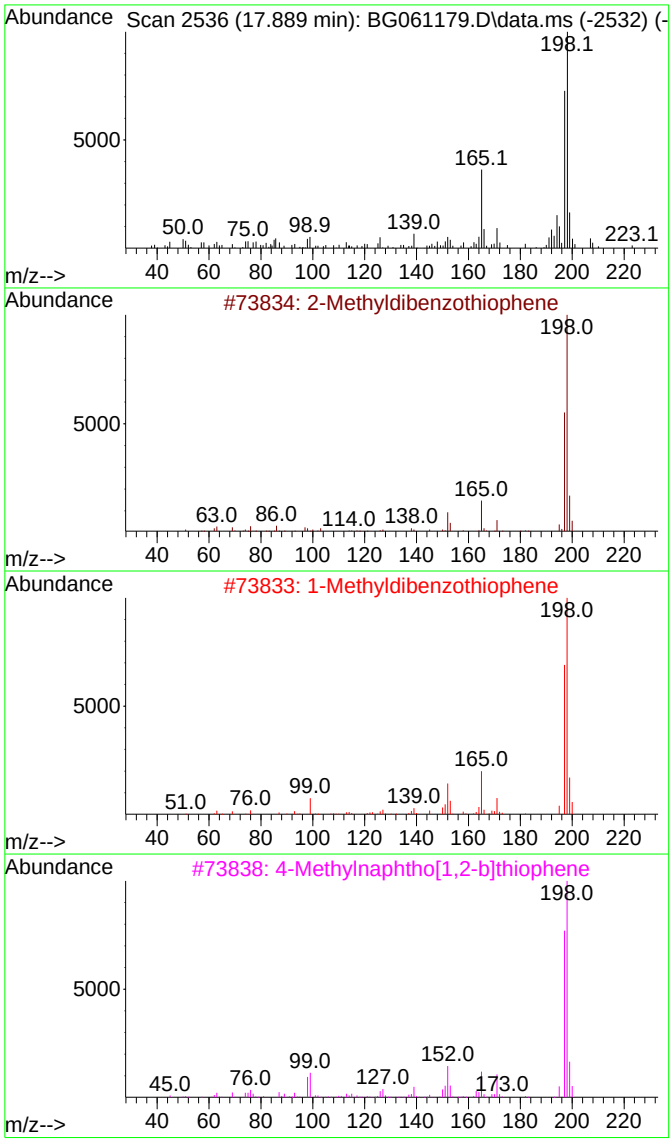
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

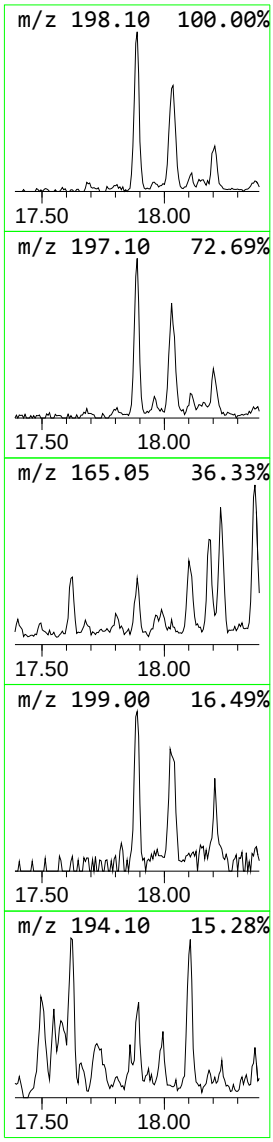
****

Peak Number 4 2-Methyldibenzothiophene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.889	3.83 ng	85823	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	74
4	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	64
5	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

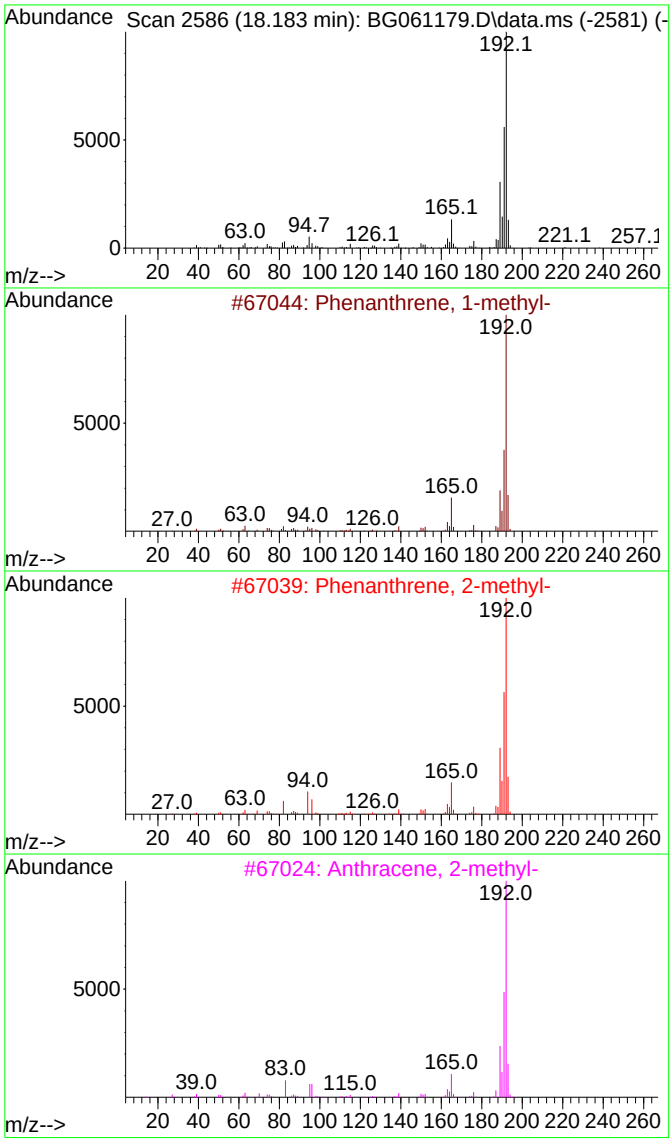
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

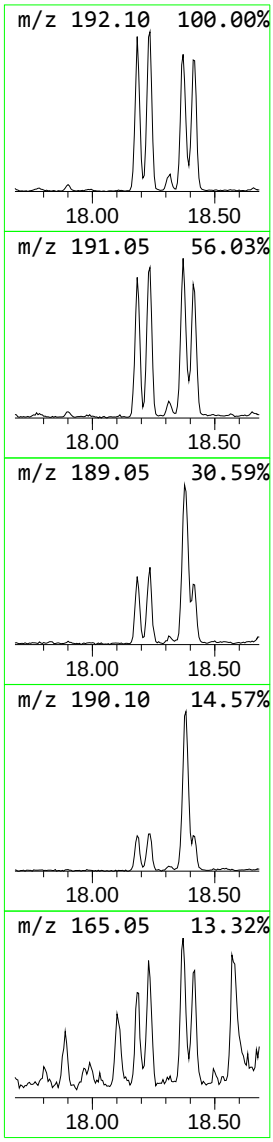
****

Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.183	19.58 ng	438896	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

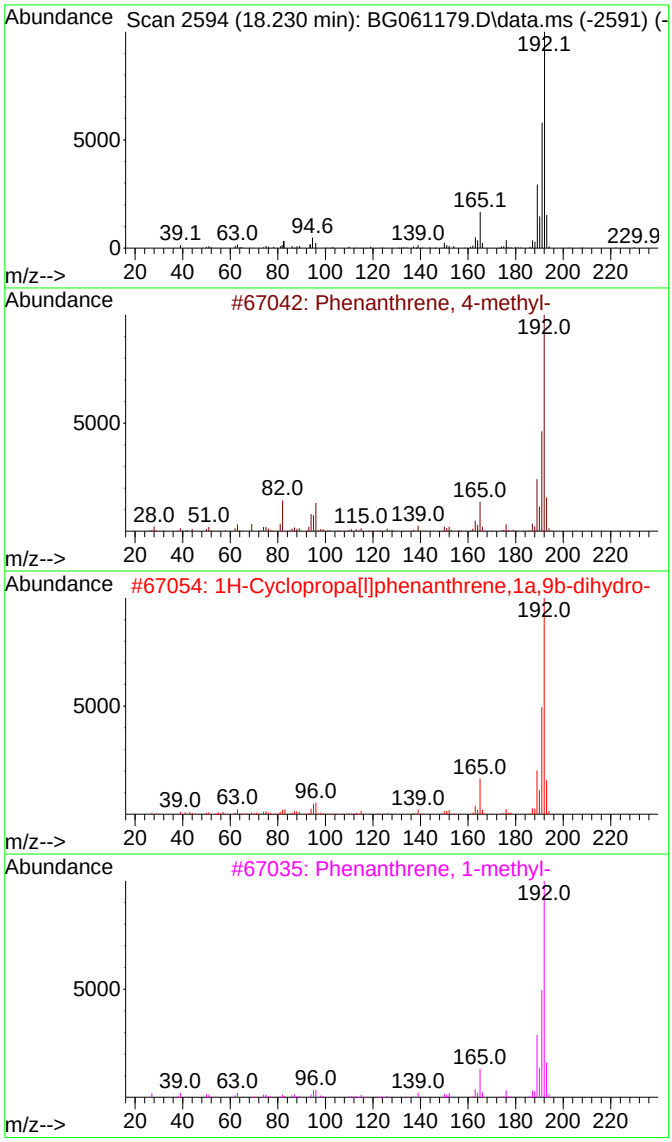
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

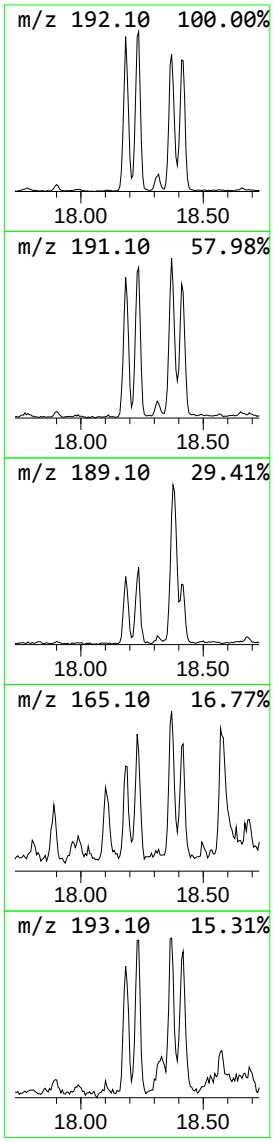
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.230	15.71 ng	352134	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90





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Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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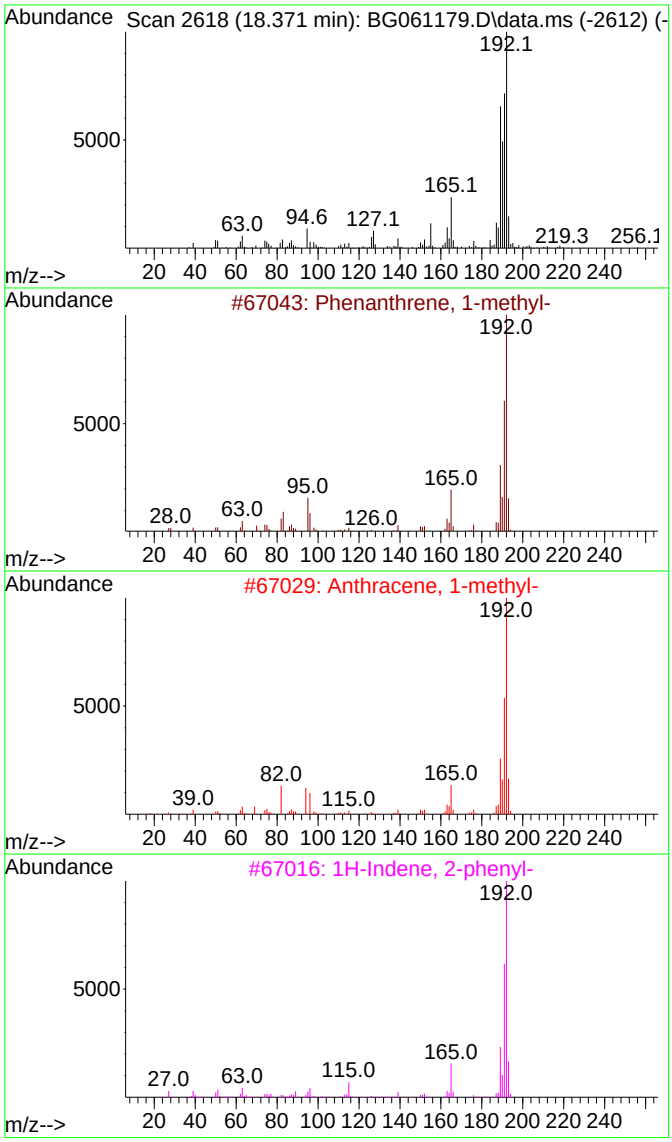
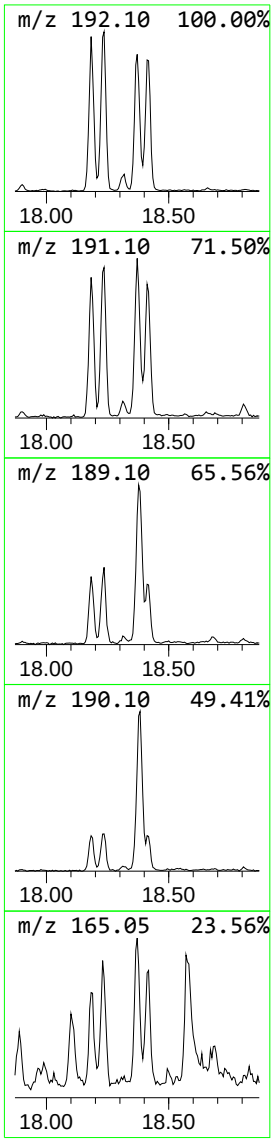
Peak Number 7 Anthracene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.371	25.96 ng	581861	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	83
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	64
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
4	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	64
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	60





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Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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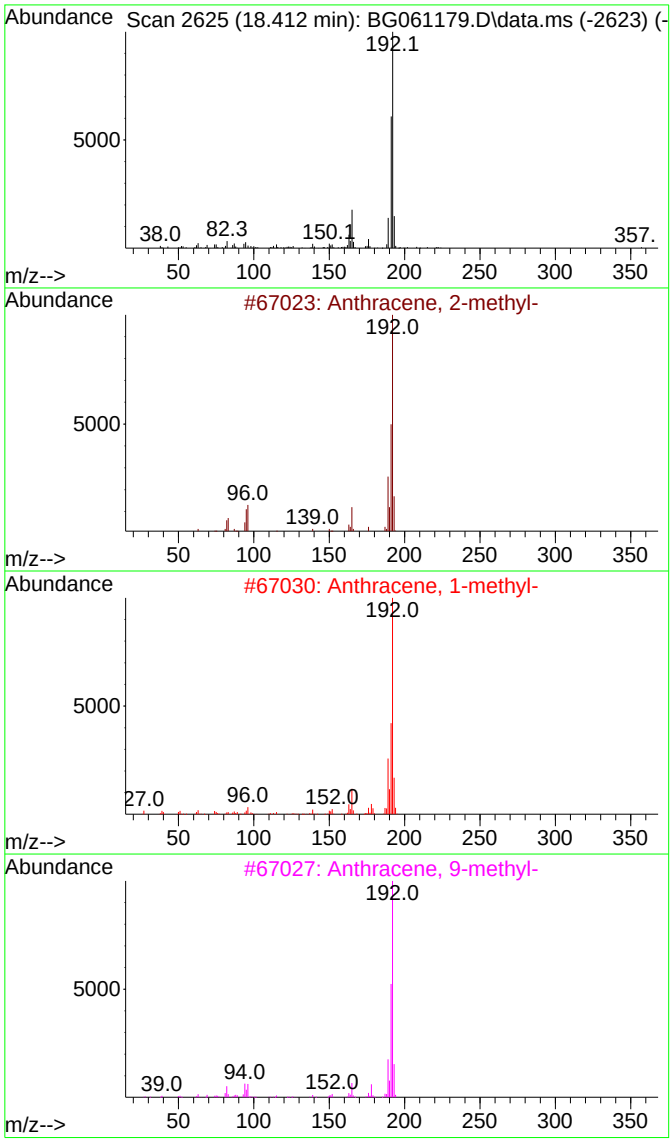
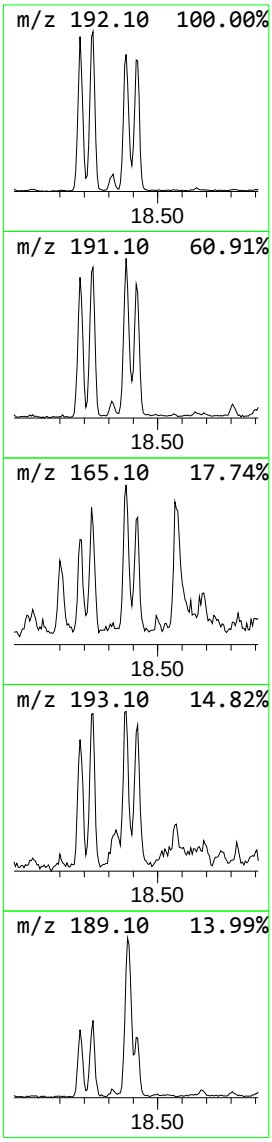
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.412	11.27 ng	252644	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	87





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Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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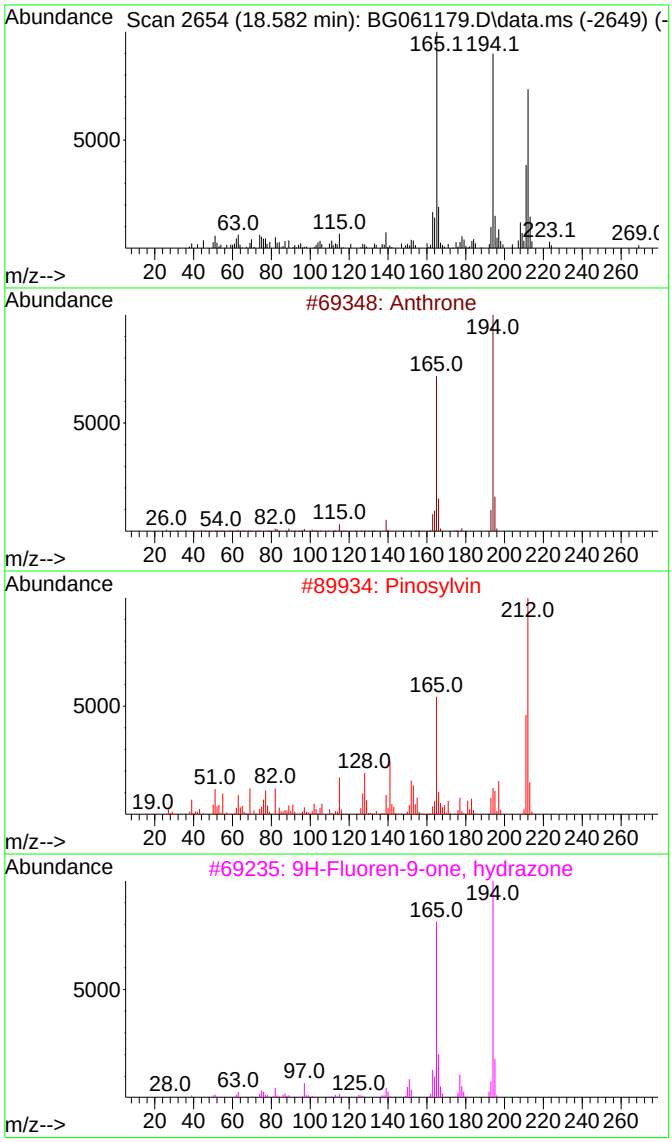
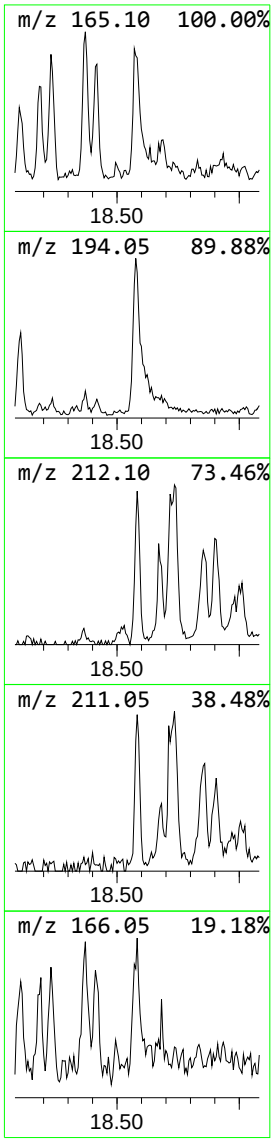
Peak Number 9 Anthrone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.582	5.39 ng	120747	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthrone	194	C14H10O	000090-44-8	87
2	Pinosylvin	212	C14H12O2	022139-77-1	76
3	9H-Fluoren-9-one, hydrazone	194	C13H10N2	013629-22-6	55
4	Ethenone, 2,2-diphenyl-	194	C14H10O	000525-06-4	50
5	1-Phenanthrol acetate	236	C16H12O2	118621-70-8	46





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Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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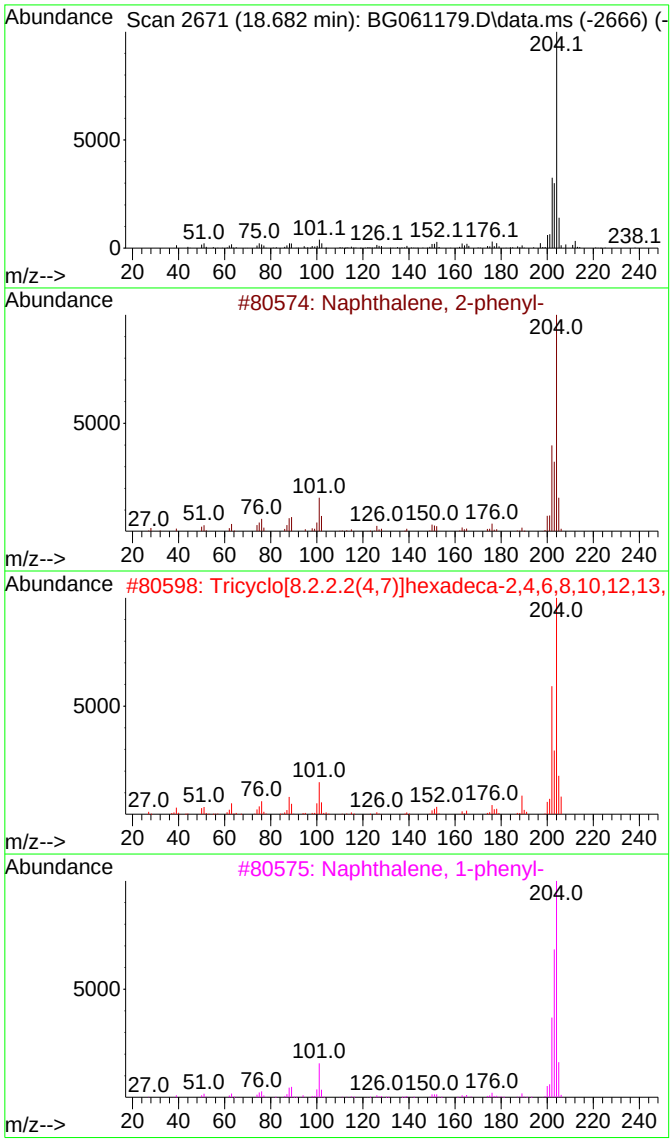
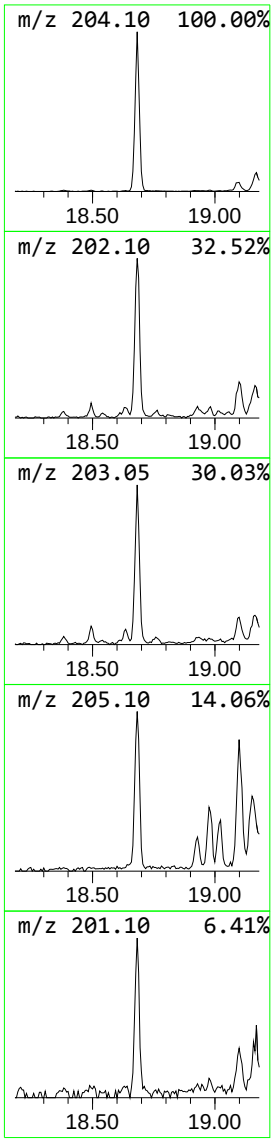
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	17.10 ng	383277	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	58
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
5	Pyrazol-5-ol, 3-(3,4-methylenedi...	204	C10H8N2O3	1000271-76-1	58





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ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

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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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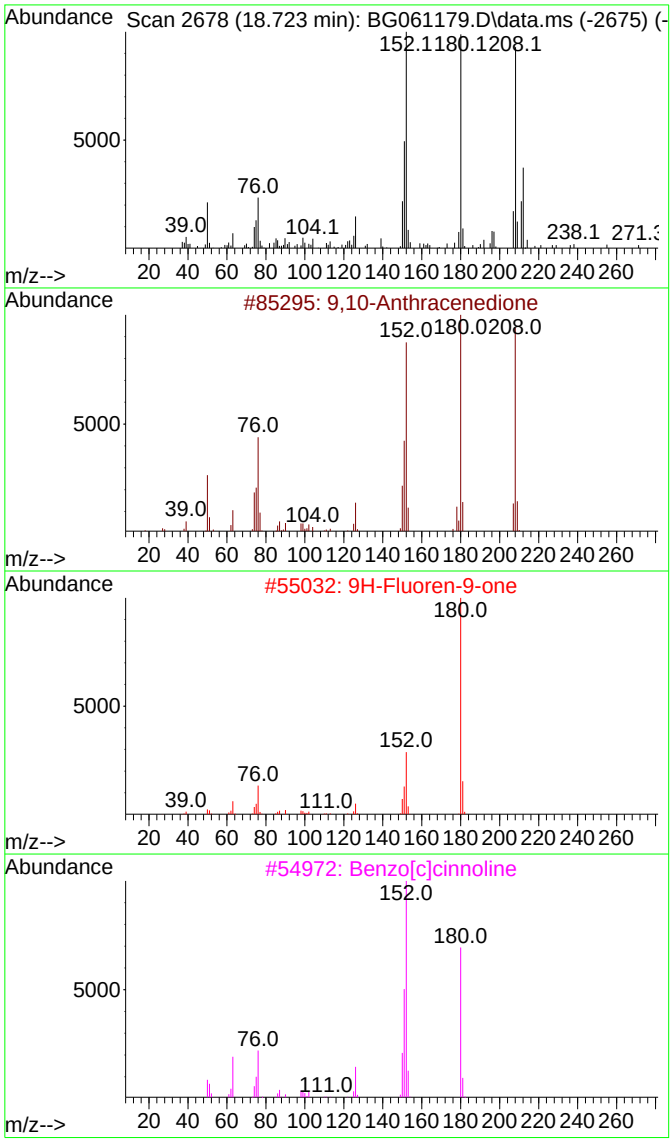
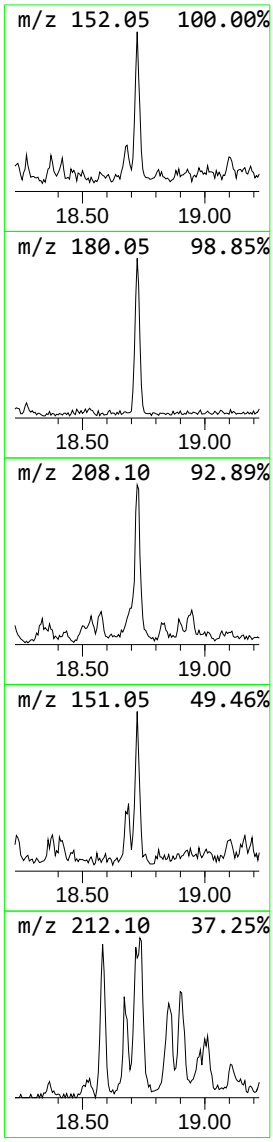
Peak Number 11 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.723	9.67 ng	216779	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	49
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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Sample : P2440-03
Misc :
ALS Vial : 8 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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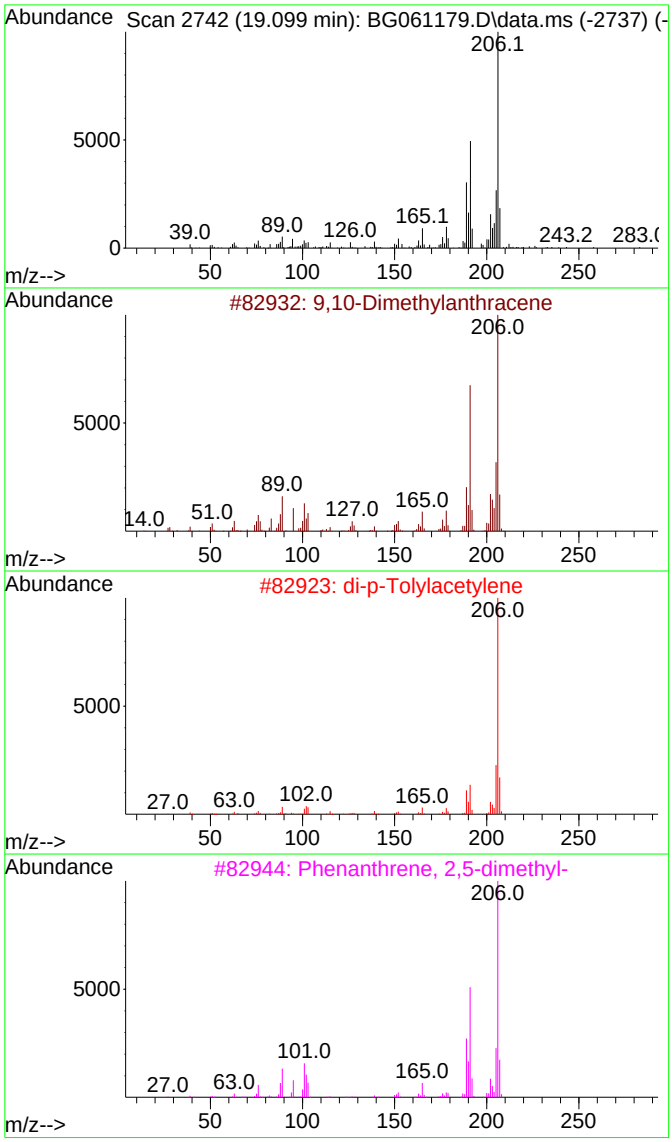
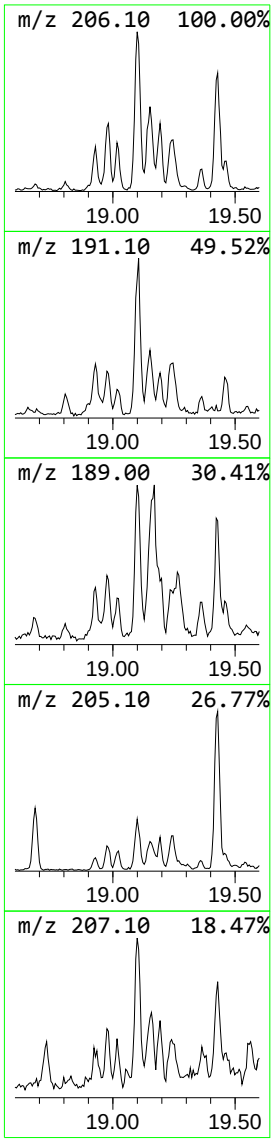
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.099	14.21 ng	318460	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	87





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Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

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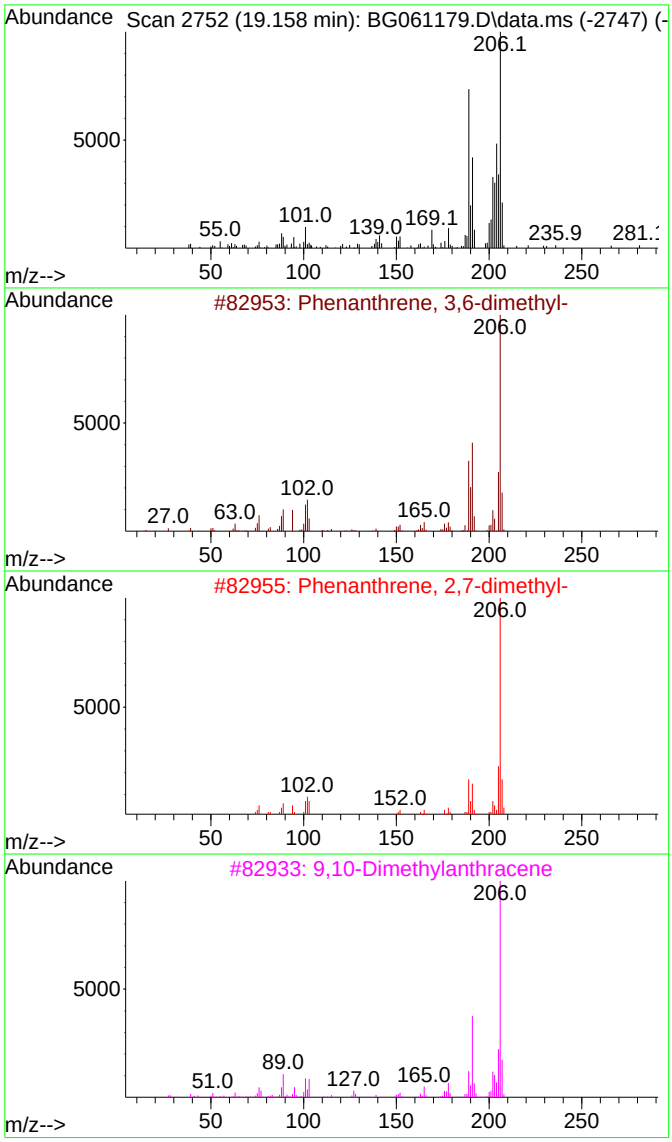
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

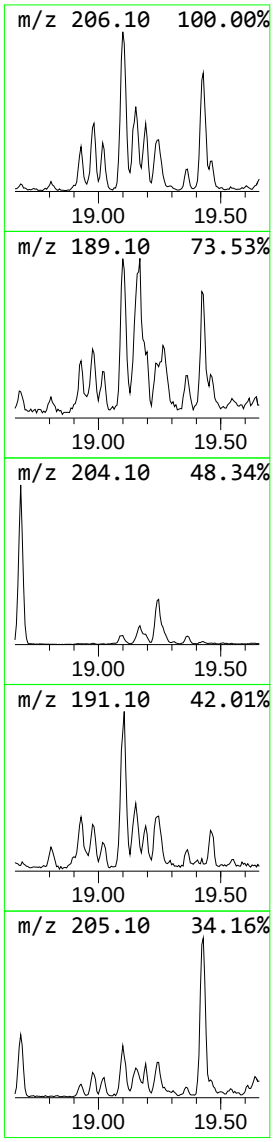
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.158	5.89 ng	131913	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	55
2	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	53
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	46
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	43
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	38





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Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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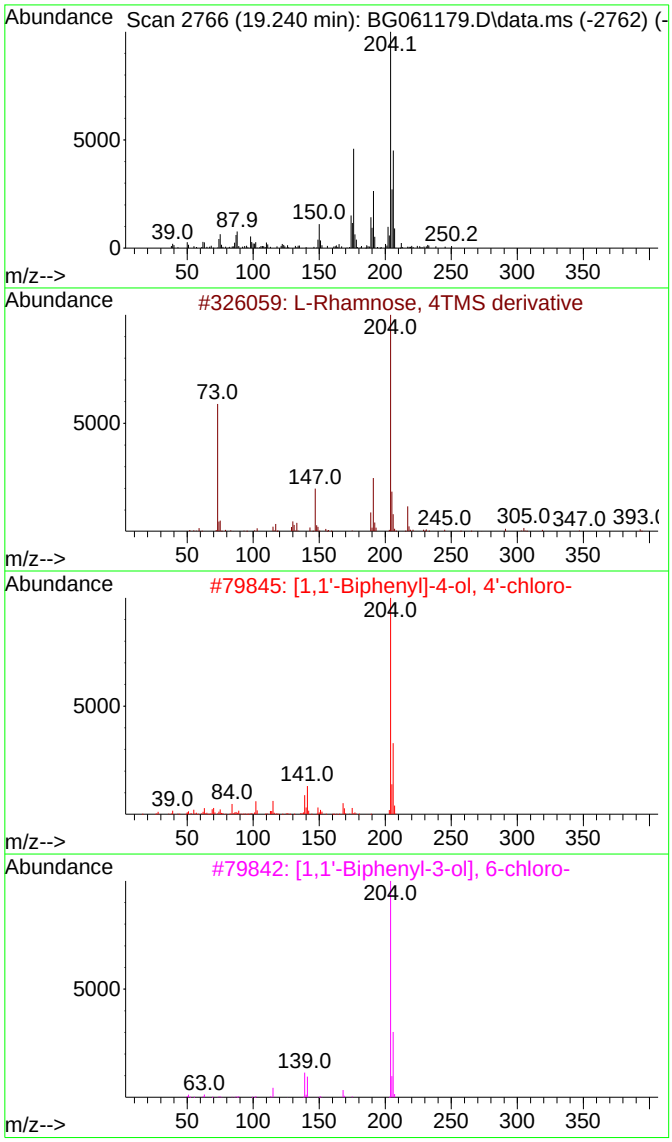
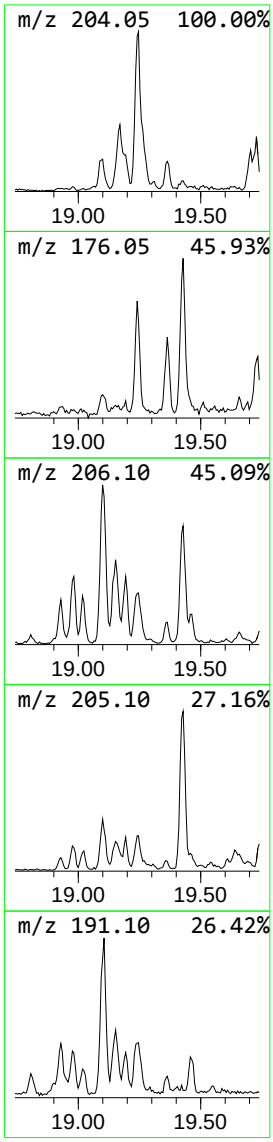
Peak Number 14 unknown19.240 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	9.87 ng	221240	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
2	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	43
3	[1,1'-Biphenyl-3-ol], 6-chloro-	204	C12H9ClO	021345-13-1	43
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	38





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

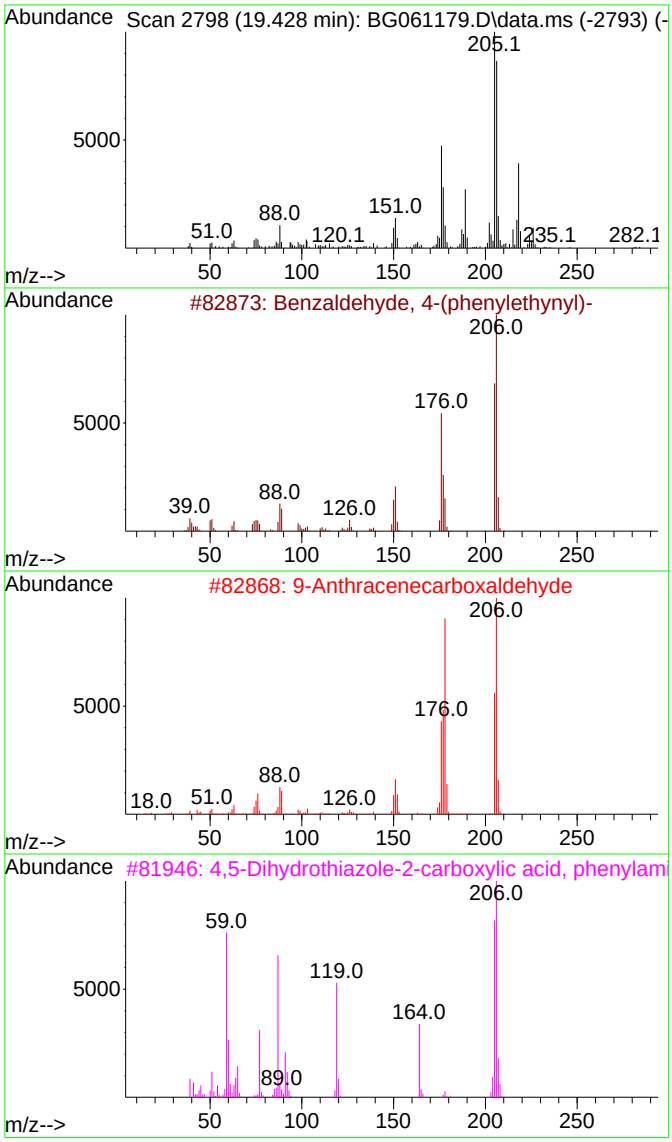
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

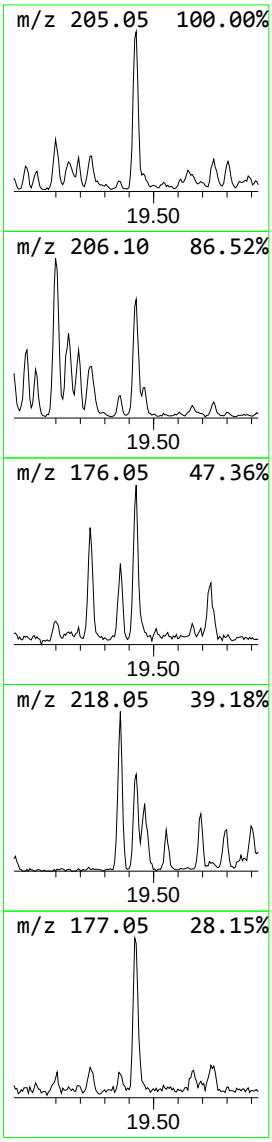
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzaldehyde, 4-(phenylethy... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.428	14.67 ng	328879	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 4-(phenylethynyl)-	206	C15H10O	057341-98-7	55
2	9-Anthracenecarboxaldehyde	206	C15H10O	000642-31-9	38
3	4,5-Dihydrothiazole-2-carboxylic...	206	C10H10N2OS	1000311-64-1	27
4	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	27
5	trans-.beta.-Cyano-3-stilbazole	206	C14H10N2	049601-70-9	25





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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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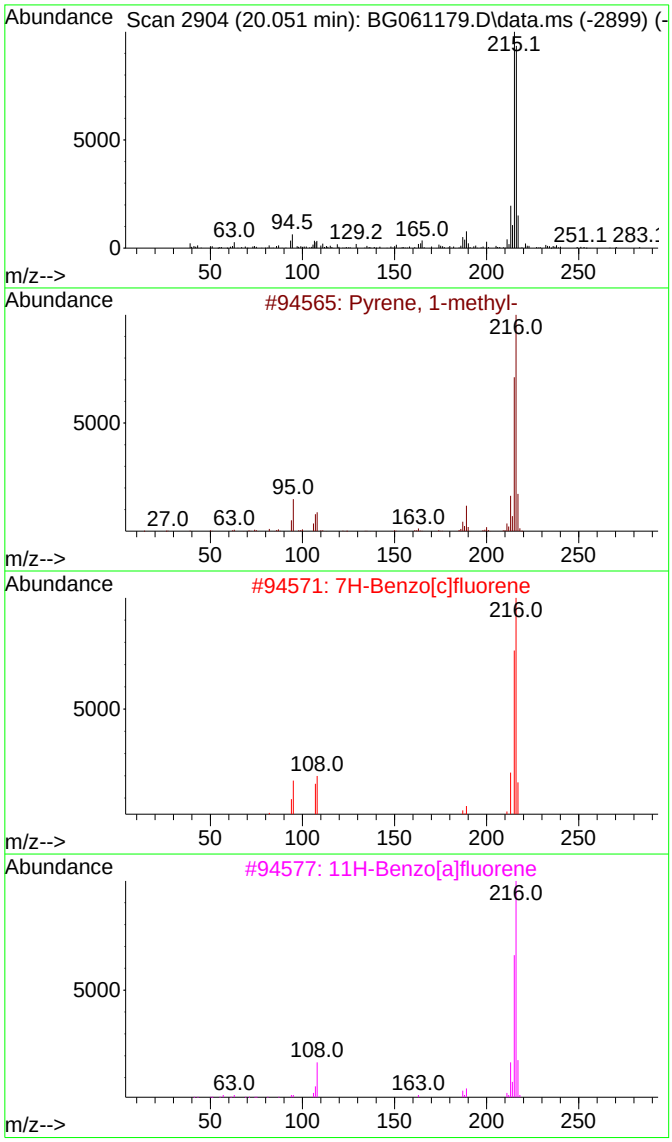
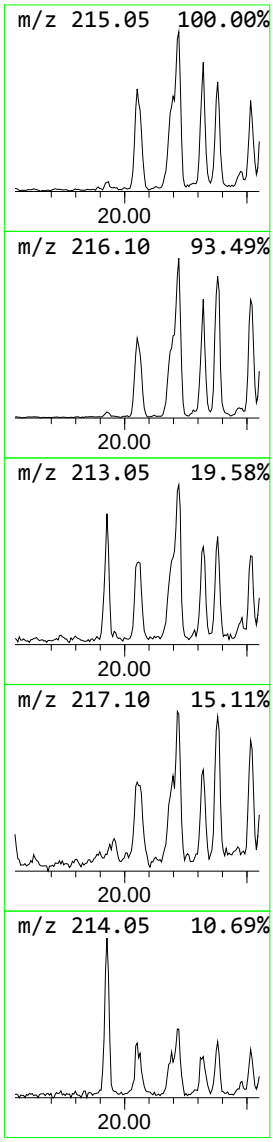
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.051	5.13 ng	261485	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	89
2	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
4	trans-p-(Trifluoromethyl)cinnami...	216	C10H7F3O2	016642-92-5	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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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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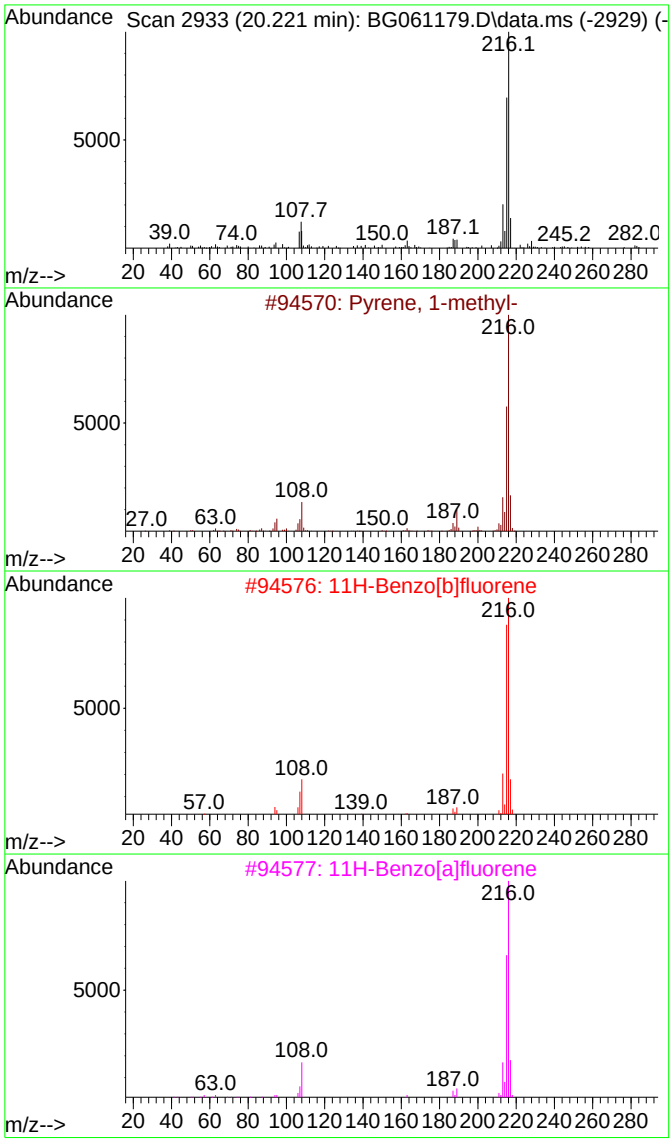
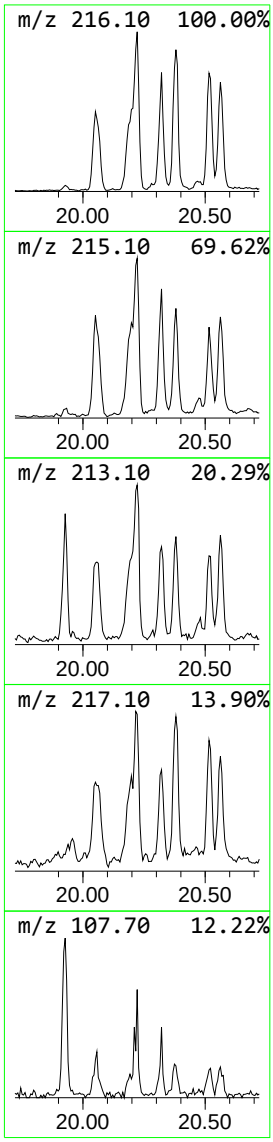
Peak Number 17 11H-Benzo[b]fluorene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.221	5.76 ng	293850	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	86
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	72
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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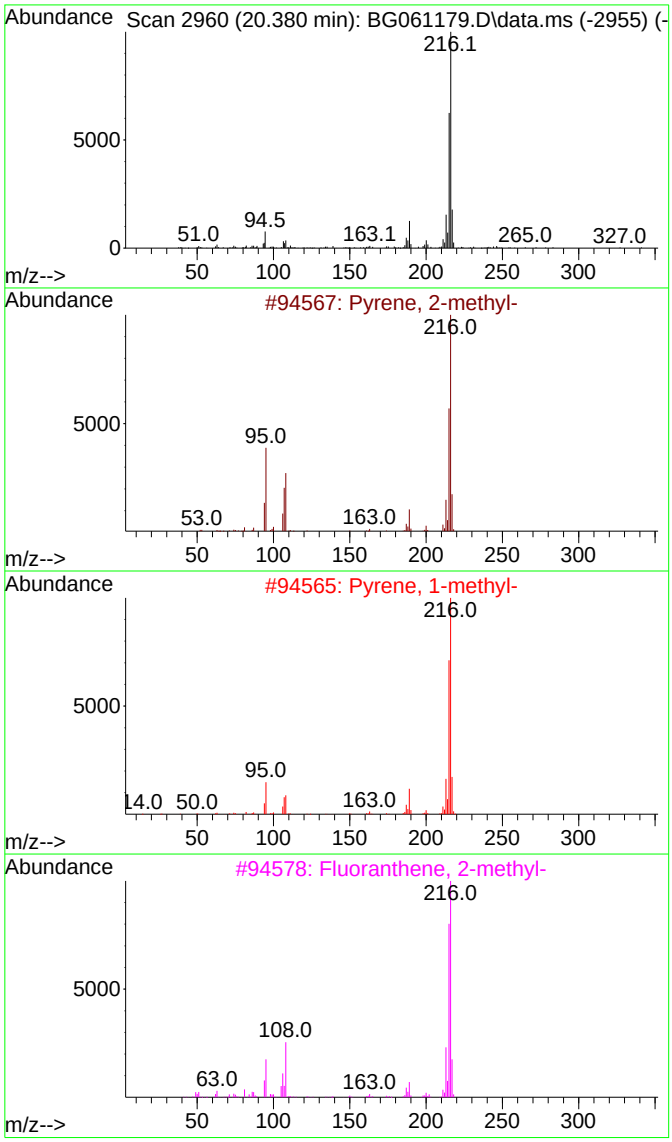
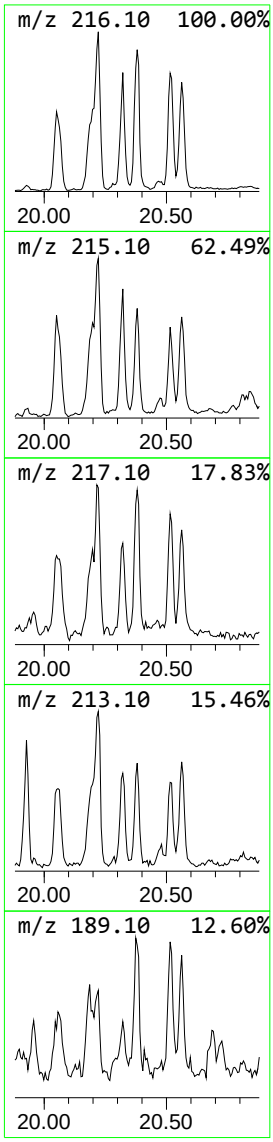
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.380	3.90 ng	198729	Chrysene-d12	21.567

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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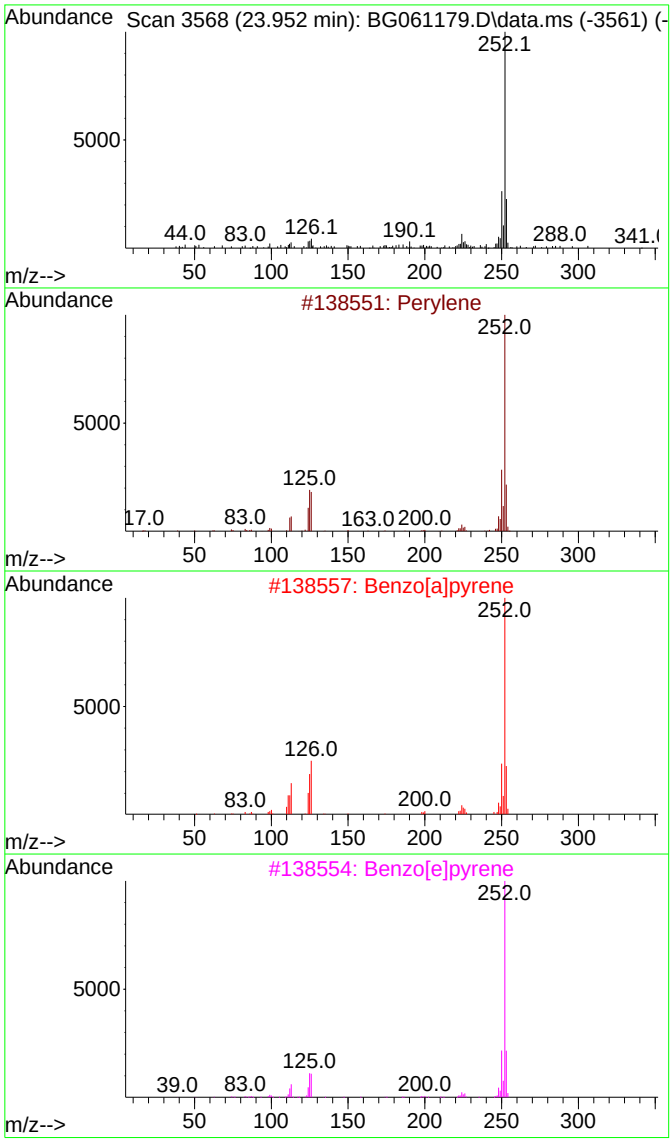
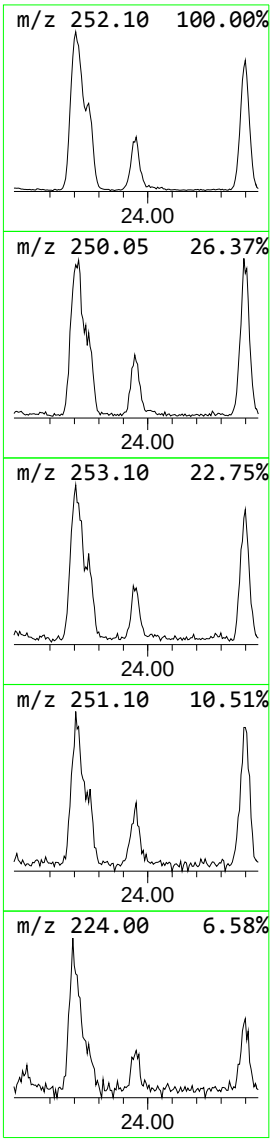
Peak Number 19 Perylene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.952	4.81 ng	134642	Perylene-d12	24.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[a]pyrene	252	C20H12	000050-32-8	89
3	Benzo[e]pyrene	252	C20H12	000192-97-2	81
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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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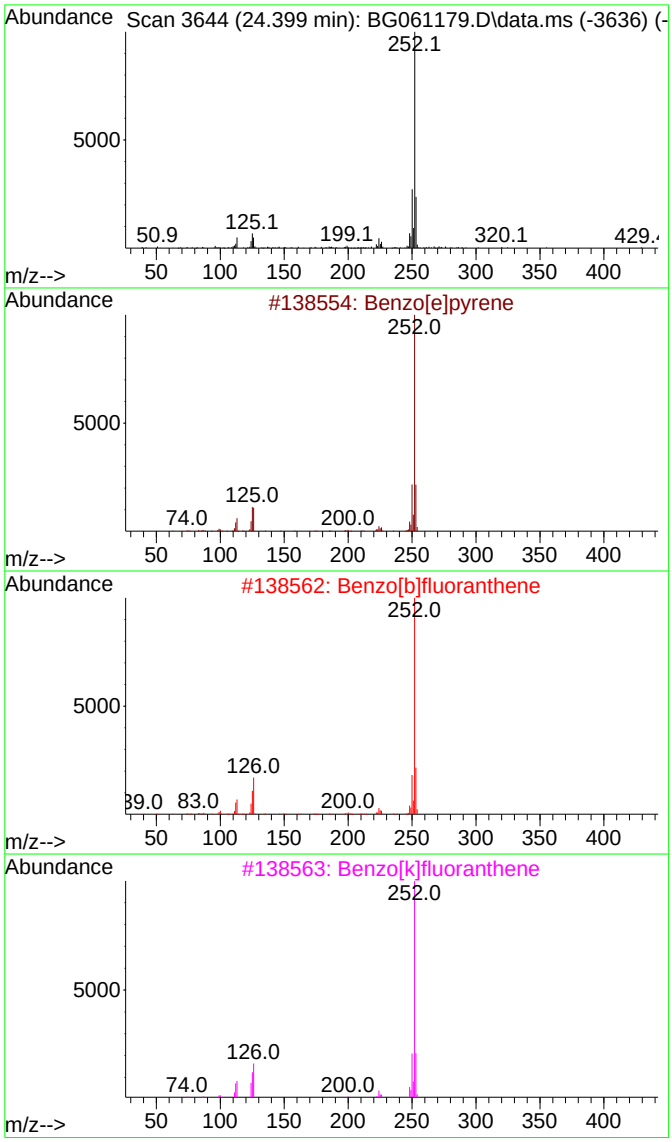
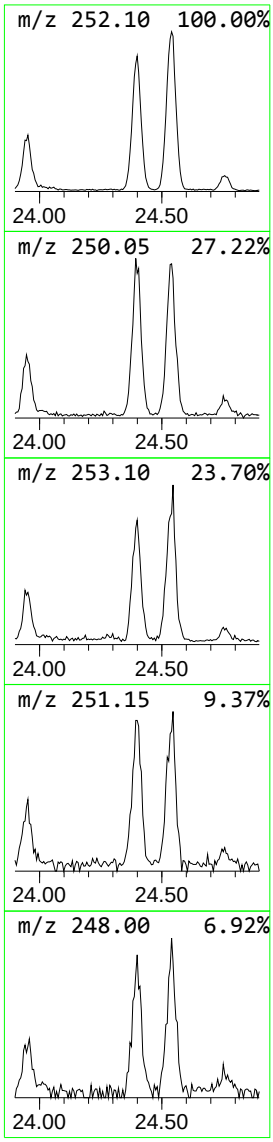
Peak Number 20 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.399	12.25 ng	342948	Perylene-d12	24.687

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76
4	Benzo[a]pyrene	252	C20H12	000050-32-8	76
5	Perylene	252	C20H12	000198-55-0	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051324\
Data File : BG061179.D
Acq On : 13 May 2024 17:27
Operator : MA/JU
Sample : P2440-03
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EQ-TANK-CONTAINMENT-PIT

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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
Butane, 2-metho...	3.147	132.8	ng	1135290	1	7.930	170960	20.0
Naphthalene, 1-...	17.824	6.8	ng	151562	4	17.307	448277	20.0
2-Methyldibenzo...	17.889	3.8	ng	85823	4	17.307	448277	20.0
Phenanthrene, 1...	18.183	19.6	ng	438896	4	17.307	448277	20.0
Phenanthrene, 4...	18.230	15.7	ng	352134	4	17.307	448277	20.0
Anthracene, 1-m...	18.371	26.0	ng	581861	4	17.307	448277	20.0
Anthracene, 2-m...	18.412	11.3	ng	252644	4	17.307	448277	20.0
Anthrone	18.582	5.4	ng	120747	4	17.307	448277	20.0
Naphthalene, 2-...	18.682	17.1	ng	383277	4	17.307	448277	20.0
9,10-Anthracene...	18.723	9.7	ng	216779	4	17.307	448277	20.0
9,10-Dimethylan...	19.099	14.2	ng	318460	4	17.307	448277	20.0
Phenanthrene, 3...	19.158	5.9	ng	131913	4	17.307	448277	20.0
unknown19.240	19.240	9.9	ng	221240	4	17.307	448277	20.0
Benzaldehyde, 4...	19.428	14.7	ng	328879	4	17.307	448277	20.0
Pyrene, 1-methyl-	20.051	5.1	ng	261485	5	21.567	1019780	20.0
11H-Benzo[b]flu...	20.221	5.8	ng	293850	5	21.567	1019780	20.0
Pyrene, 2-methyl-	20.380	3.9	ng	198729	5	21.567	1019780	20.0
Perylene	23.952	4.8	ng	134642	6	24.687	559786	20.0
Benzo[e]pyrene	24.399	12.3	ng	342948	6	24.687	559786	20.0