LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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: BG061238.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.152	22	28	43	rVB	128234	218626	16.53%	1.386%
2	3.675	113	117	123	rBV2	7956	16353	1.24%	0.104%
3	5.526	425	432	441	rBV	191052	313920	23.73%	1.990%
4	7.112	693	702	716	rBV	196912	350913	26.53%	2.225%
5	7.929	834	841	848	rBV	120911	196122	14.83%	1.243%
6	9.081	1031	1037	1046	rVB	131147	227971	17.24%	1.445%
7	10.720	1306	1316	1323	rBV	144727	273114	20.65%	1.731%
8	13.176	1728	1734	1741	rBV	300224	462479	34.96%	2.932%
9	14.556	1962	1969	1975	rBV	239370	359154	27.15%	2.277%
10	14.621	1975	1980	1986	rVB	27167	41937	3.17%	0.266%
11	14.956	2032	2037	2045	rBV	16932	23374	1.77%	0.148%
12	15.602	2142	2147	2154	rBV	27547	41437	3.13%	0.263%
13	15.902	2192	2198	2204	rVB2	8890	17645	1.33%	0.112%
14	16.049	2217	2223	2232	rBV	267743	413027	31.23%	2.618%
15	16.272	2258	2261	2267	rVB5	7052	13761	1.04%	0.087%
16	16.842	2350	2358	2361	rBV6	6966	17834	1.35%	0.113%
17	16.960	2374	2378	2385	rVB4	12532	18858	1.43%	0.120%
18	17.059	2387	2395	2398	rBV5	11498	27817	2.10%	0.176%
19	17.124	2402	2406	2414	rVB	18594	30354	2.29%	0.192%
20	17.306	2429	2437	2441	rBV	289961	457029	34.55%	2.897%
21	17.347	2441	2444	2451	rVV	344962	493610	37.32%	3.129%
22	17.441	2454	2460	2465	rVV	82450	125779	9.51%	0.797%
23	17.494	2465	2469	2475	rVB6	8854	16582	1.25%	0.105%
24	17.712	2502	2506	2510	rBV2	14976	21205	1.60%	0.134%
25	17.888	2530	2536	2540	rBV4	13924	19476	1.47%	0.123%
26	18.182	2582	2586	2590	rVV	65896	98868	7.47%	0.627%
27	18.229	2590	2594	2600	rVB	89703	142937	10.81%	0.906%
28	18.311	2602	2608	2613	rBV2	35898	60649	4.59%	0.384%
29	18.376	2613	2619	2623	rVV3	102628	196471	14.85%	1.246%
30	18.411	2623	2625	2633	rVB	51139	73338	5.54%	0.465%
31	18.581	2649	2654	2658	rBV6	10322	15894	1.20%	0.101%
32	18.681	2666	2671	2675	rBV	47100	71198	5.38%	0.451%
33	18.722	2675	2678	2684	rVB2	34406	52776	3.99%	0.335%
34	18.804	2688	2692	2699	rBV5	13319	22925	1.73%	0.145%
35	18.893	2704	2707	2709	rBV4	10407	13639	1.03%	0.086%
36	18.928	2709	2713	2717	rVV2	25046	31959	2.42%	0.203%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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	18.981	2718	2722	2725	rVV	19216	23640	1.79%	0.150%
38	19.016	2725	2728	2732	rVB2	22593	30030	2.27%	0.190%
39	19.098	2736	2742	2747	rBV	71795	130180	9.84%	0.825%
40	19.163	2748	2753	2756	rVV3	33948	70780	5.35%	0.449%
41	19.192	2756	2758	2762	rVB2	20849	20386	1.54%	0.129%
42	19.239	2762	2766	2774	rBV3	53532	99660	7.53%	0.632%
43	19.363	2781	2787	2793	rBV	790031	1123187	84.92%	7.121%
44	19.421	2793	2797	2800	rVV2	17277	27646	2.09%	0.175%
45	19.457	2800	2803	2808	rVB2	25860	38434	2.91%	0.244%
46	19.556	2815	2820	2823	rBV7	13843	28153	2.13%	0.178%
47	19.603	2823	2828	2831	rBV3	32379	46069	3.48%	0.292%
48	19.727	2838	2849	2857	rBV	766129	1322705	100.00%	8.386%
49	19.797	2857	2861	2867	rVB2	55297	96115	7.27%	0.609%
50	19.921	2873	2882	2887	rVV	544479	768621	58.11%	4.873%
51	19.962	2887	2889	2895	rVB2	49098	68729	5.20%	0.436%
52	20.050	2898	2904	2911	rBV3	67182	172596	13.05%	1.094%
53	20.185	2922	2927	2928	rBV4	49465	76166	5.76%	0.483%
54	20.215	2929	2932	2937	rVB	121145	179630	13.58%	1.139%
55	20.320	2945	2950	2953	rBV	72498	104179	7.88%	0.660%
56	20.373	2954	2959	2964	rVV2	93698	171987	13.00%	1.090%
57	20.414	2964	2966	2970	rVV3	32536	39822	3.01%	0.252%
58	20.455	2970	2973	2976	rVB3	19081	24293	1.84%	0.154%
59	20.514	2980	2983	2987	rVV	62093	87404	6.61%	0.554%
60	20.561	2987	2991	2994	rVV	67434	92491	6.99%	0.586%
61	20.608	2995	2999	3006	rVB	113167	151348	11.44%	0.959%
62	20.808	3030	3033	3036	rBV4	17091	25747	1.95%	0.163%
63	20.972	3057	3061	3068	rVB	72656	120939	9.14%	0.767%
64	21.155	3085	3092	3096	rBV3	81913	170765	12.91%	1.083%
65	21.196	3096	3099	3102	rVV	71426	100772	7.62%	0.639%
66	21.243	3103	3107	3112	rVV2	76506	167212	12.64%	1.060%
67	21.301	3114	3117	3124	rVB	70015	120428	9.10%	0.763%
68	21.554	3154	3160	3166	rBV2	503934	1238221	93.61%	7.850%
69	21.613	3166	3170	3183	rVB	399283	688716	52.07%	4.366%
70	21.760	3191	3195	3200	rBV	67059	103941	7.86%	0.659%
71	21.965	3225	3230	3236	rBV3	44835	91432	6.91%	0.580%
72	22.277	3280	3283	3288	rVB	84992	136169	10.29%	0.863%
73	22.347	3292	3295	3301	rVB	49929	81411	6.15%	0.516%
74	23.705	3518	3526	3534	rBV	310086	1012188	76.52%	6.417%
75	24.404	3638	3645	3657	rVB	177099	505194	38.19%	3.203%
76	24.551	3662	3670	3682	rVB	266149	740663	56.00%	4.696%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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	24.698	3687	3695	3701	rBV	187746	496602	37.54%	3.148%

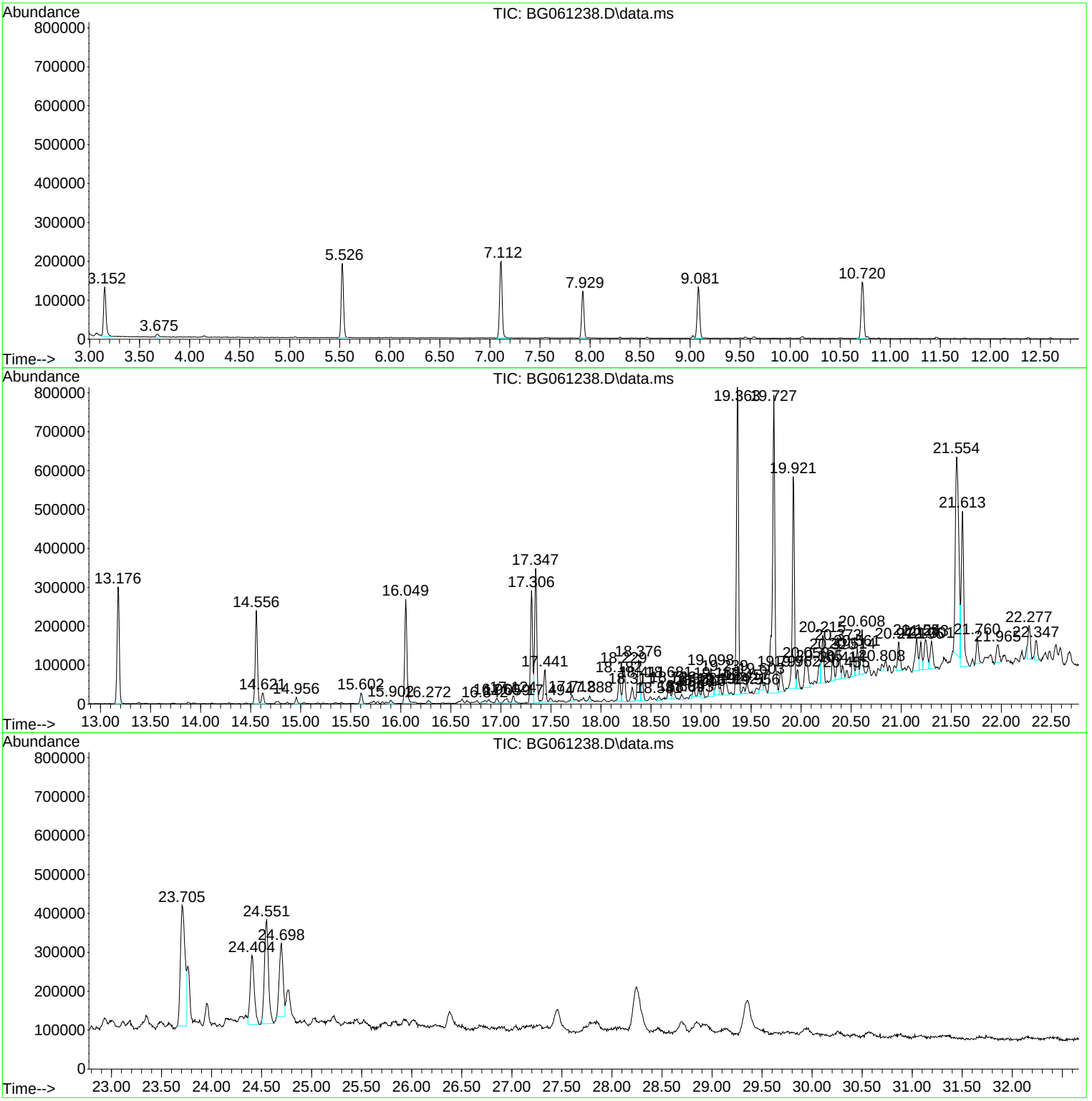
Sum of corrected areas: 15773682

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

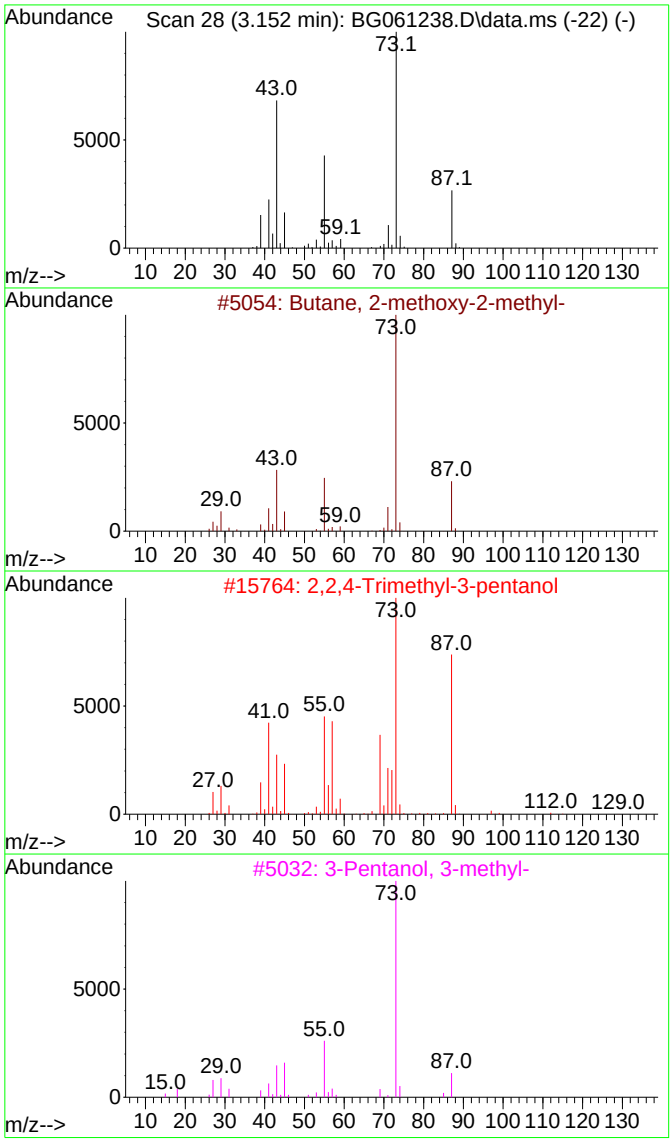
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

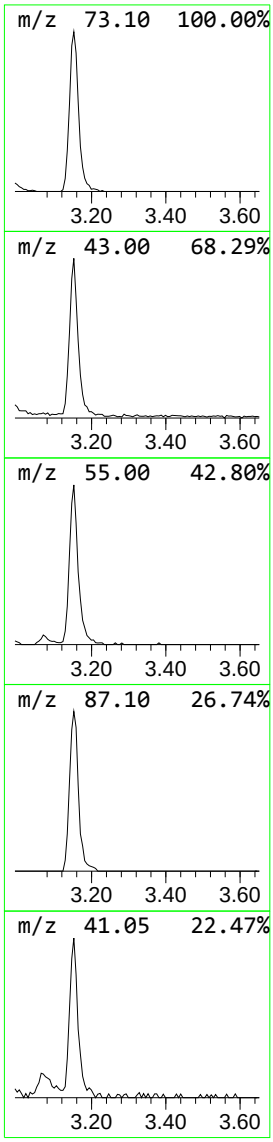
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.152	22.29 ng	218626	1,4-Dichlorobenzene-d4	7.929

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	39
3	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	37
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	37
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

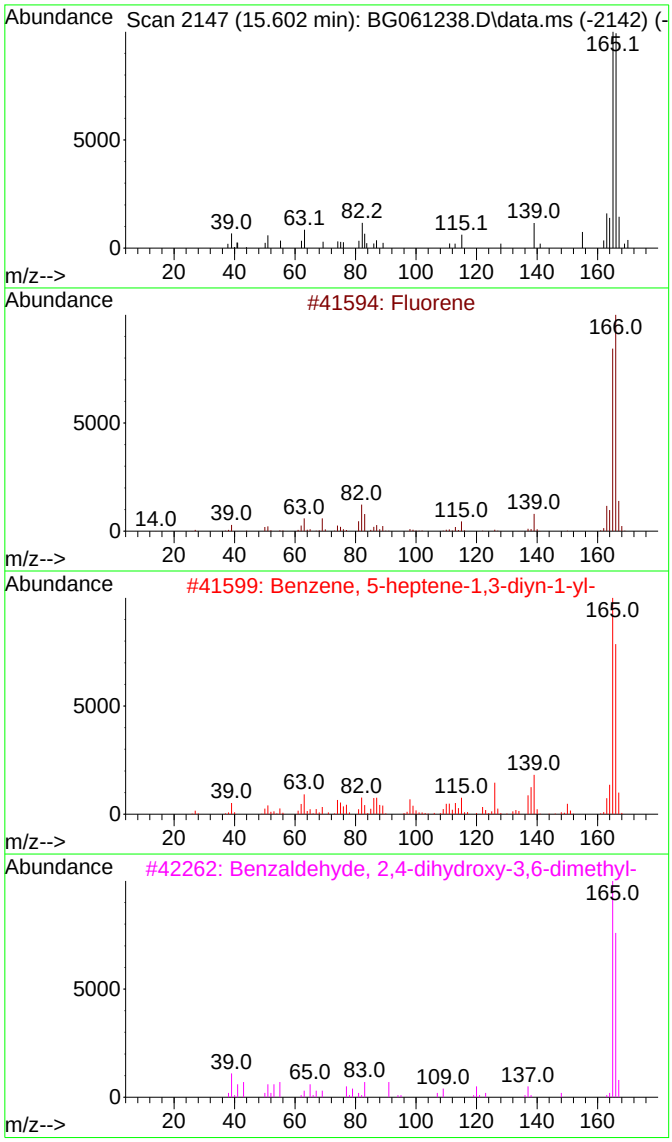
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

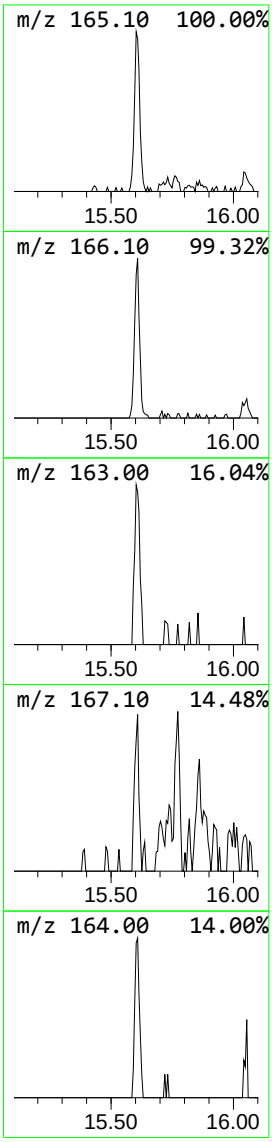
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzene, 5-heptene-1,3-diyn... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.602	2.31 ng	41437	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluorene	166	C13H10	000086-73-7	91
2	Benzene, 5-heptene-1,3-diyn-1-yl-	166	C13H10	013678-98-3	56
3	Benzaldehyde, 2,4-dihydroxy-3,6-...	166	C9H10O3	034883-14-2	45
4	1H-Phenalene	166	C13H10	000203-80-5	42
5	3-Trifluoromethylbenzhydryl chlo...	270	C14H10ClF3	067240-79-3	40





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

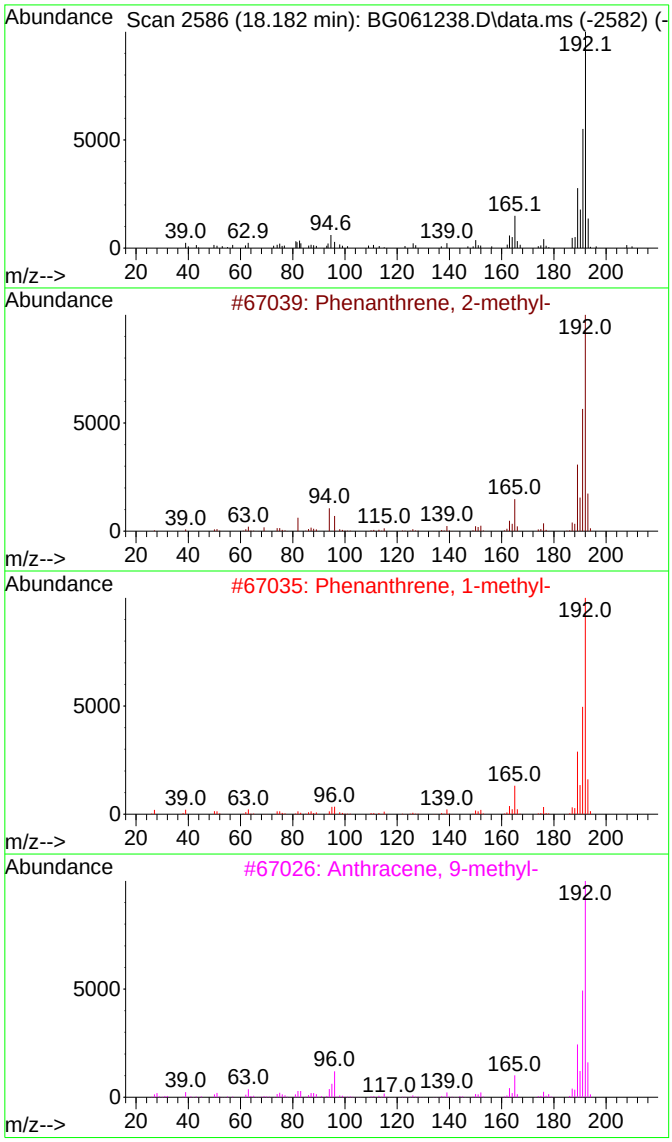
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

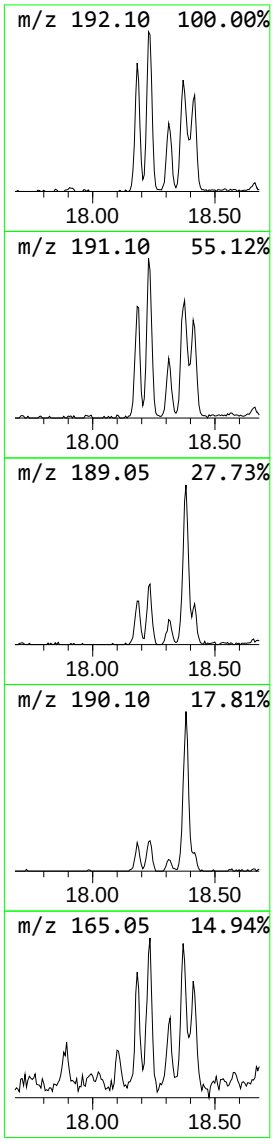
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	4.33 ng	98868	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

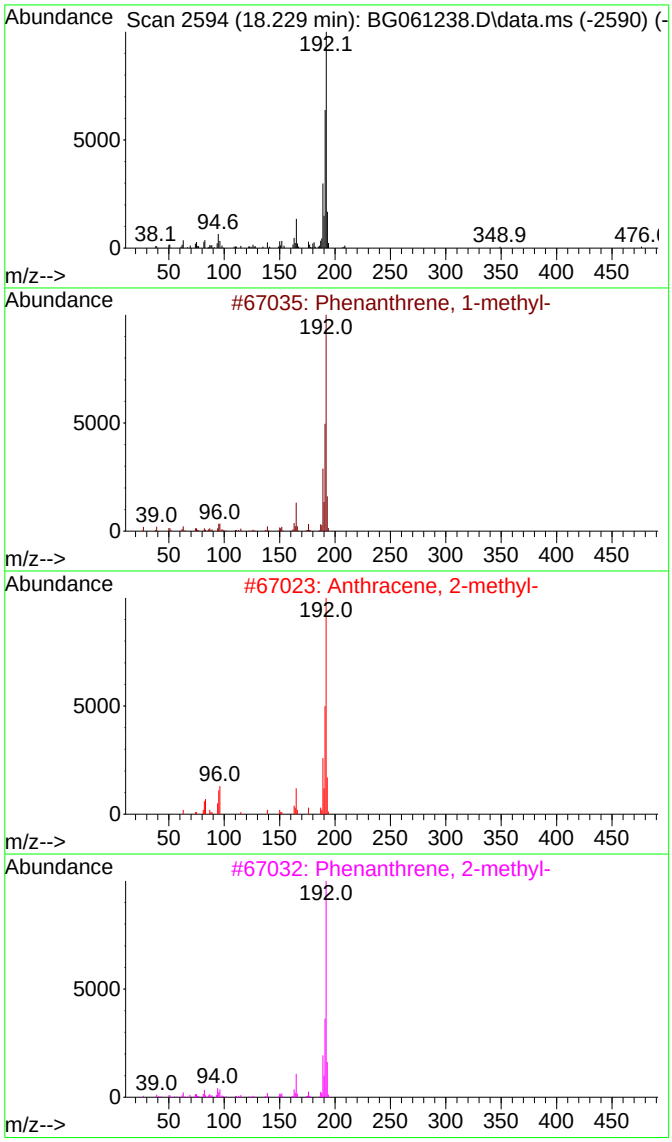
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

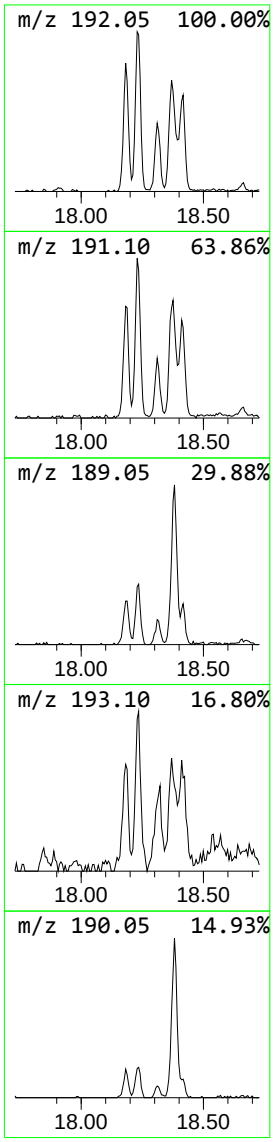
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.229	6.26 ng	142937	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

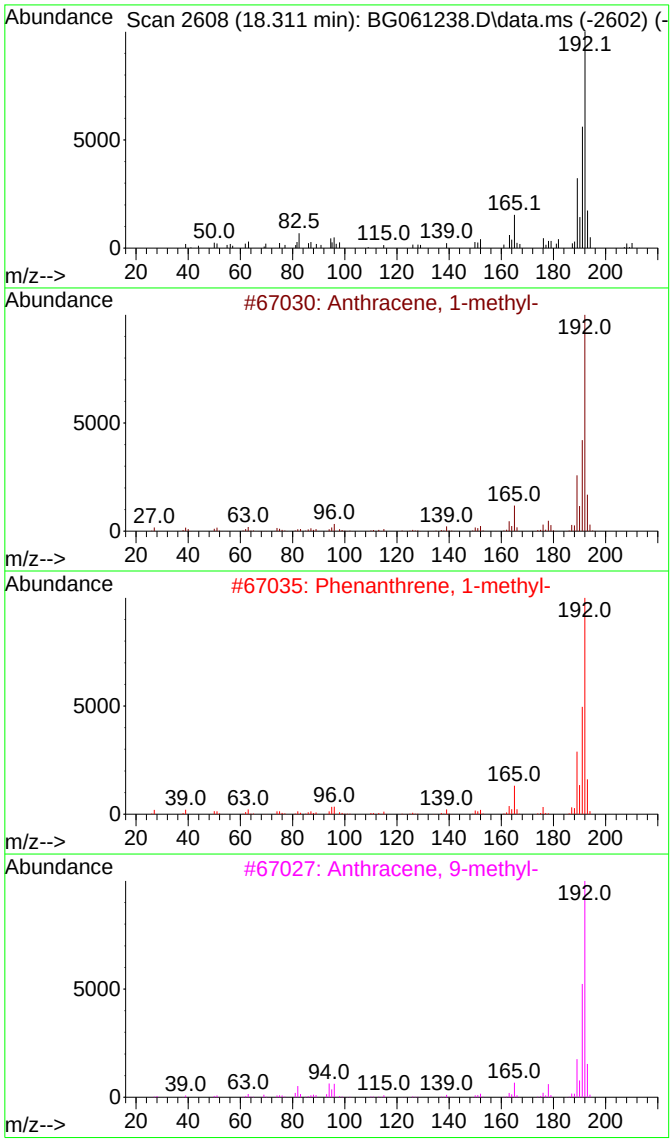
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

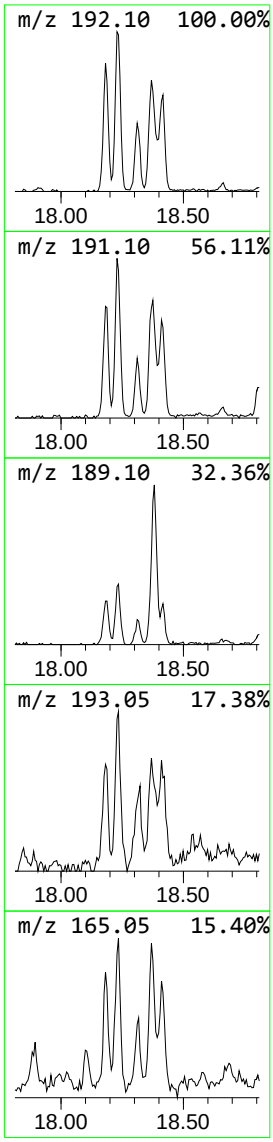
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.311	2.65 ng	60649	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

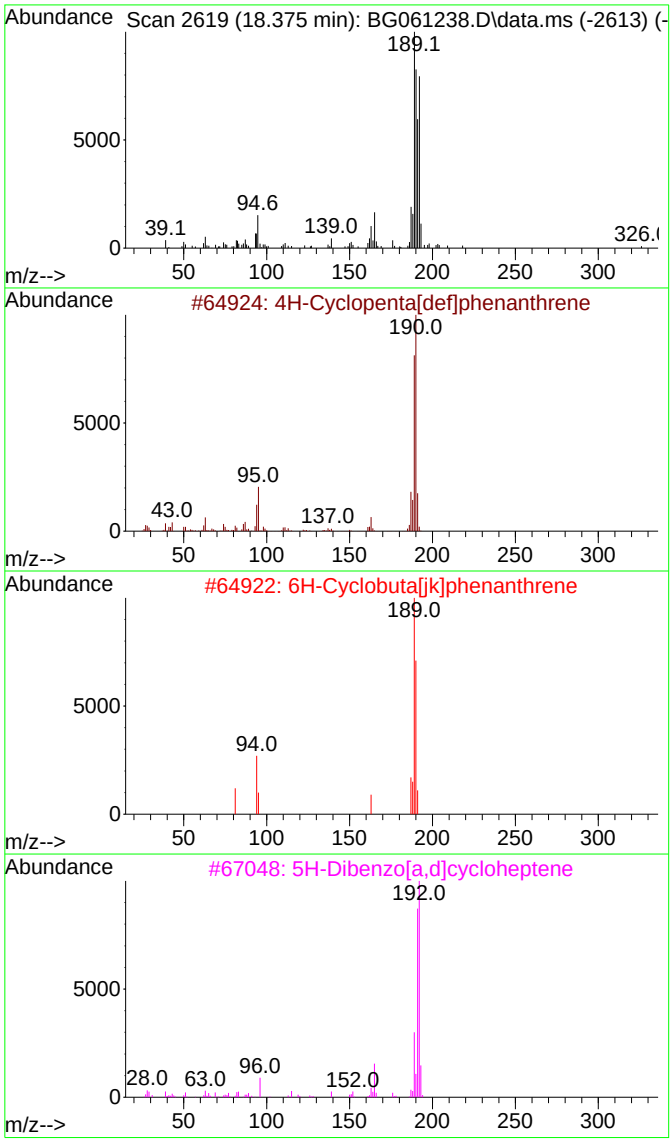
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

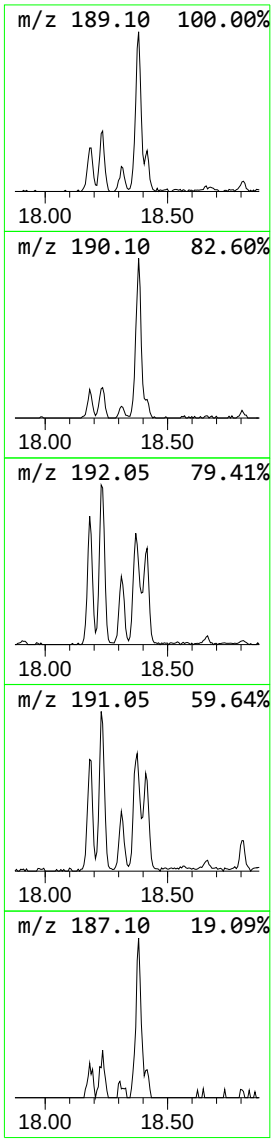
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.375	8.60 ng	196471	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	46
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	35





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Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

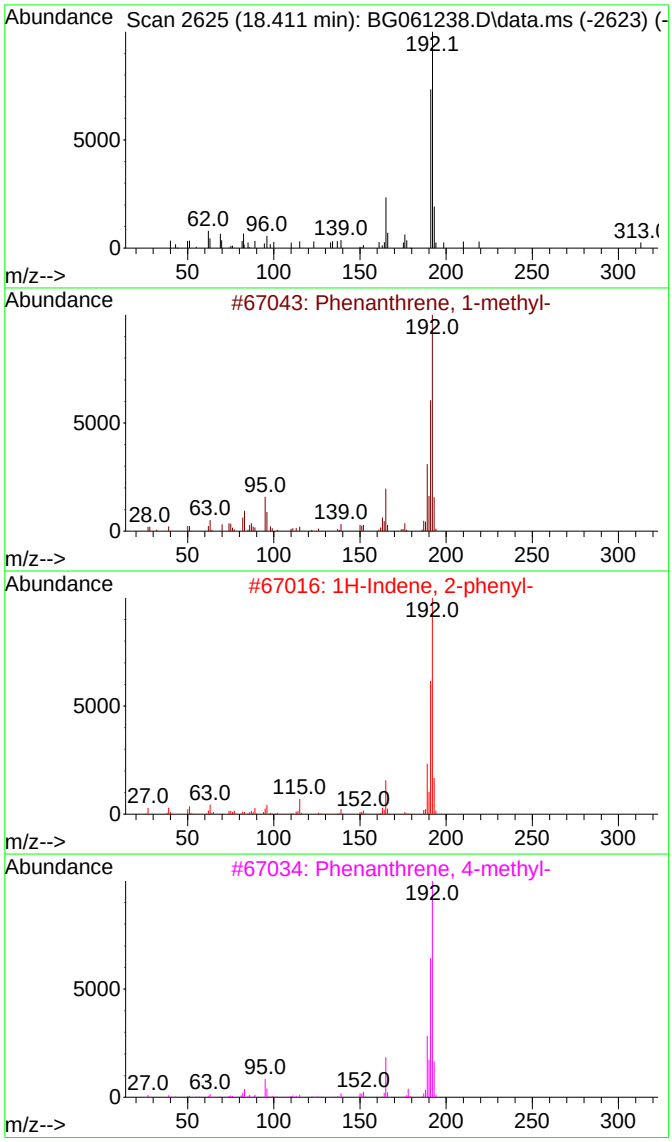
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

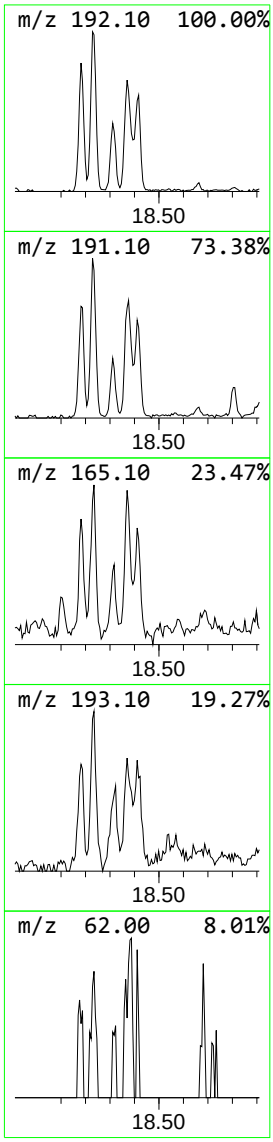
****

Peak Number 7 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.411	3.21 ng	73338	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	86
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	86





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Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

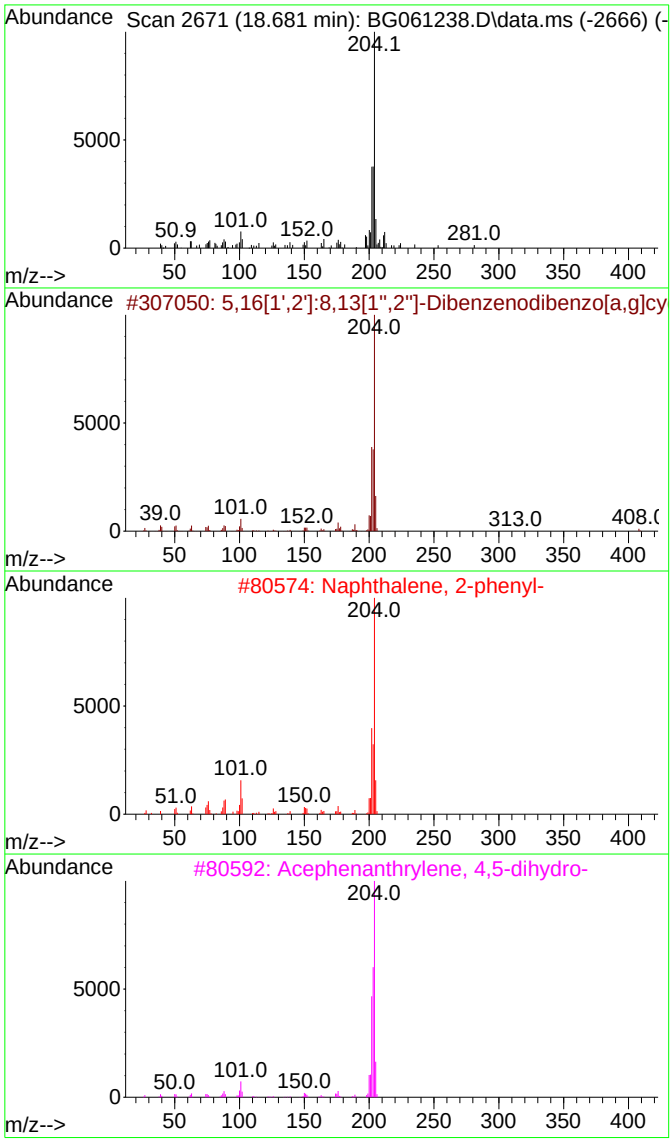
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

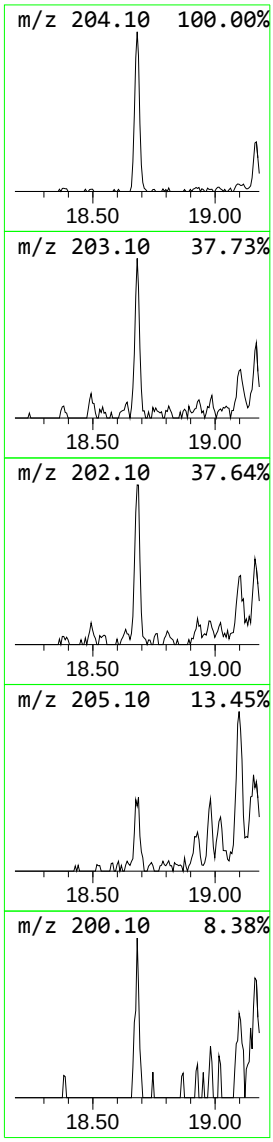
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.681	3.12 ng	71198	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	70
3	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	70
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58





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Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

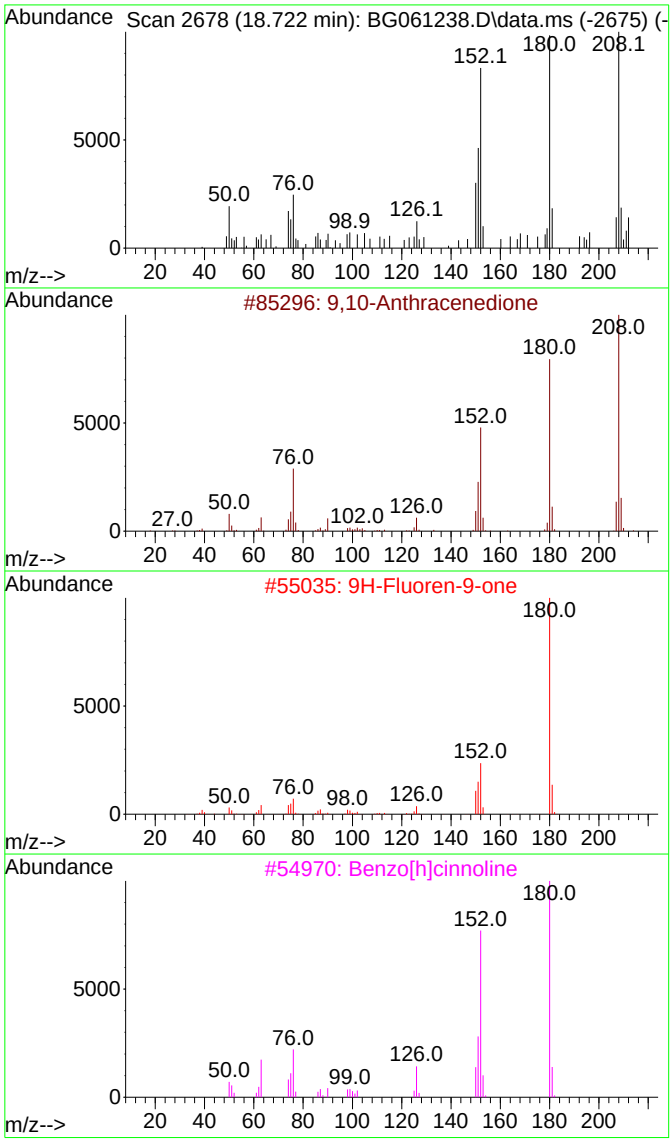
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

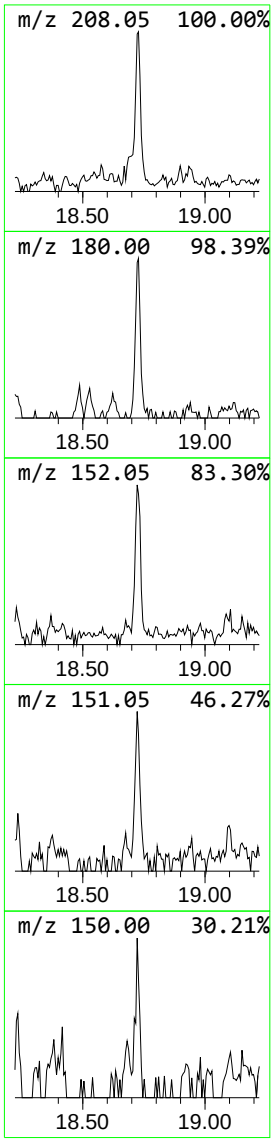
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.722	2.31 ng	52776	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	78
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	64





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Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

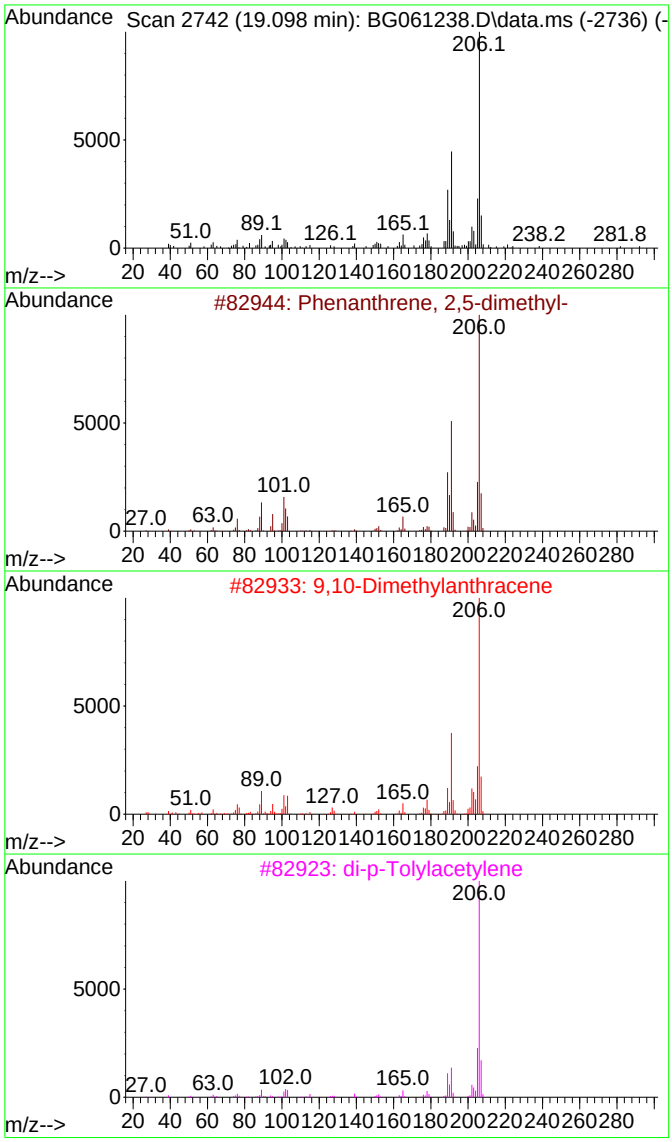
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

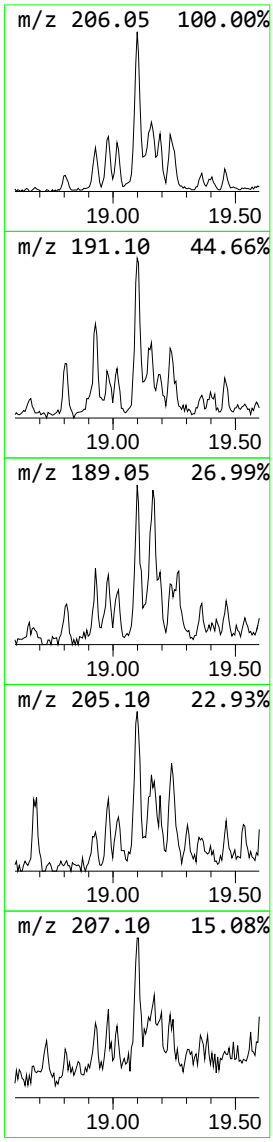
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	5.70 ng	130180	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

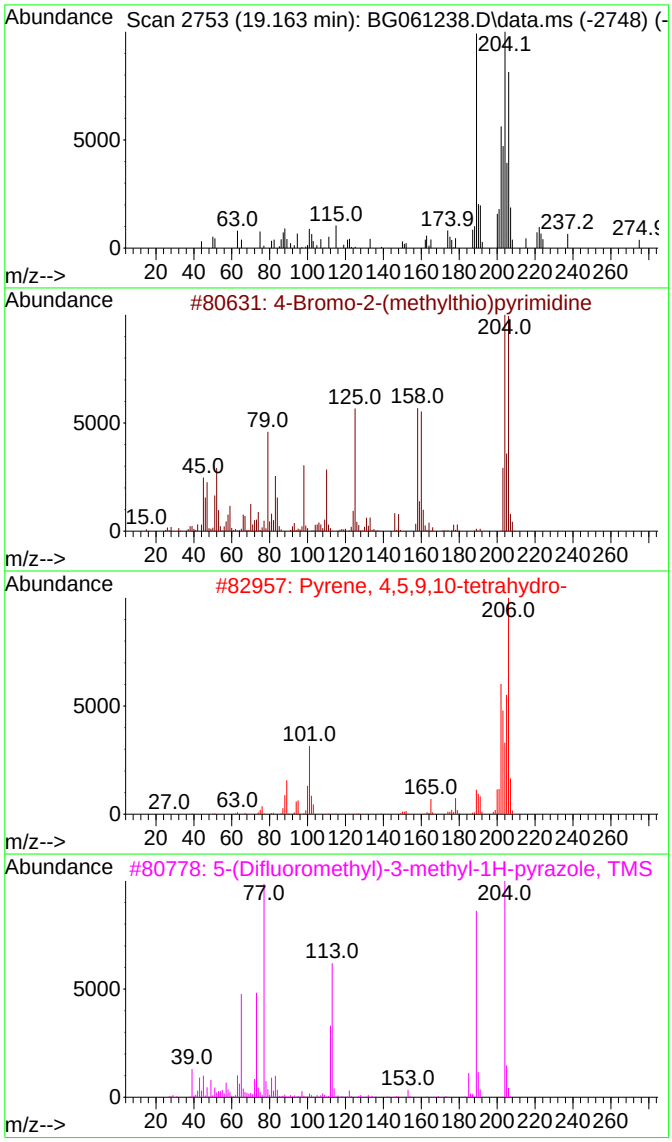
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

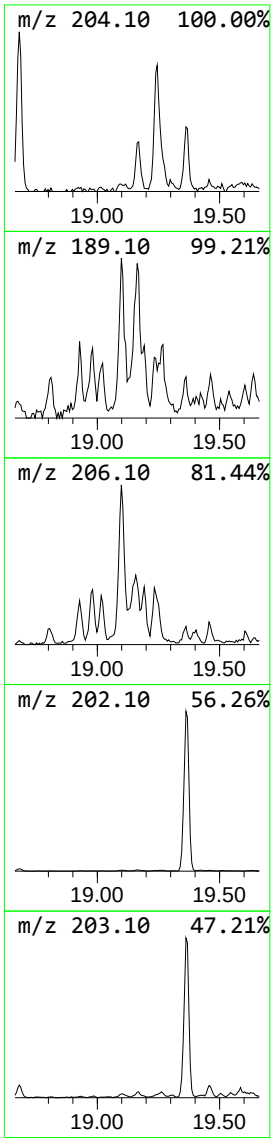
****

Peak Number 11 unknown19.163 Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	3.10 ng	70780	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	959236-97-6	43
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	38
3	5-(Difluoromethyl)-3-methyl-1H-p...	204	C8H14F2N2Si	1000498-58-2	38
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	18
5	Benzene, 1,1'-(1-buten-3-yne-1,4...	204	C16H12	013141-45-2	18





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Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

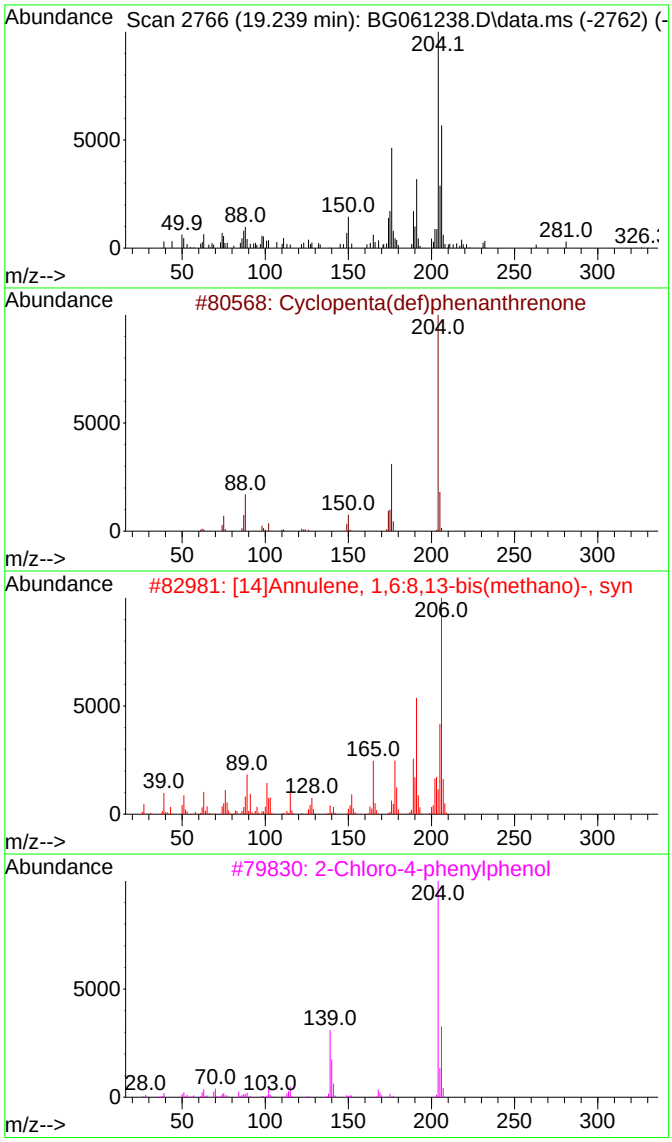
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

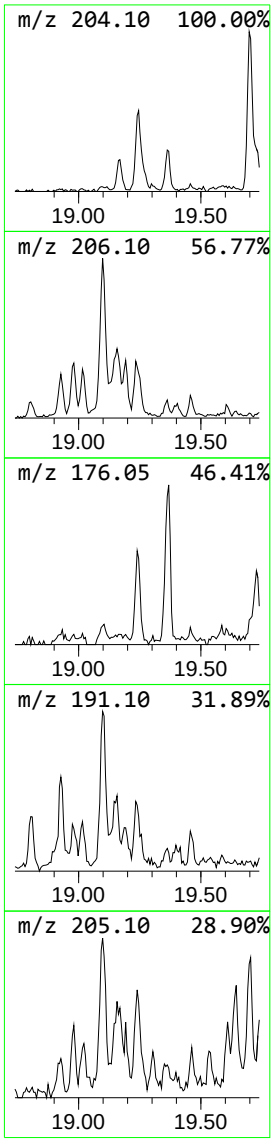
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.239	4.36 ng	99660	Phenanthrene-d10	17.306

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	53
2	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	38
3	2-Chloro-4-phenylphenol	204	C12H9ClO	000092-04-6	35
4	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	35
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	27





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Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

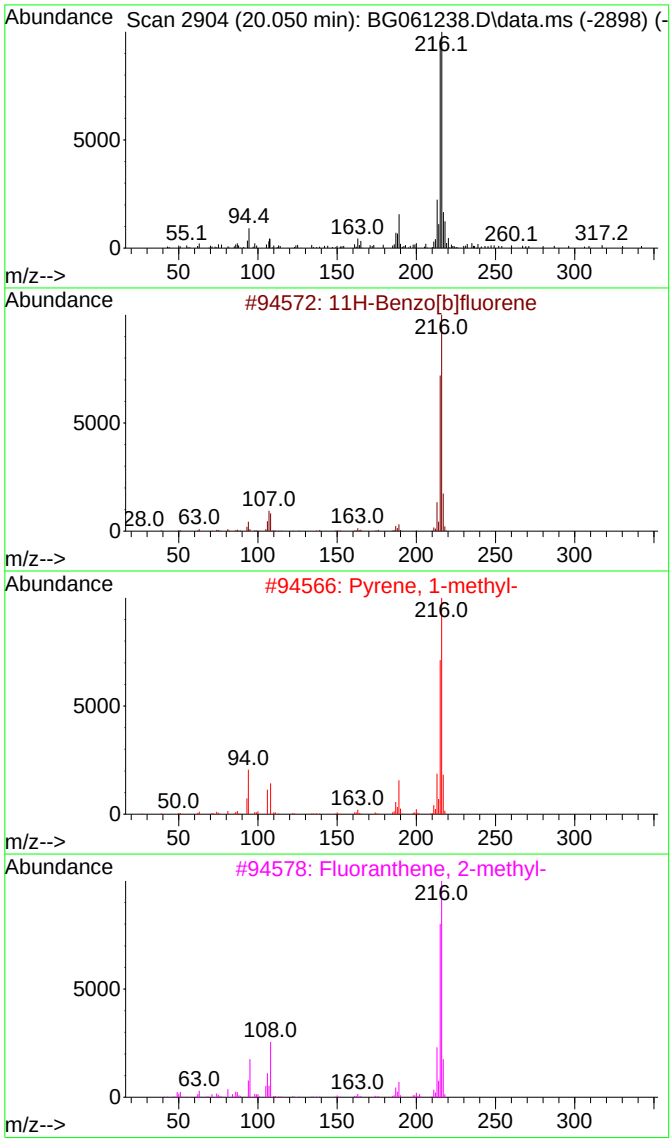
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

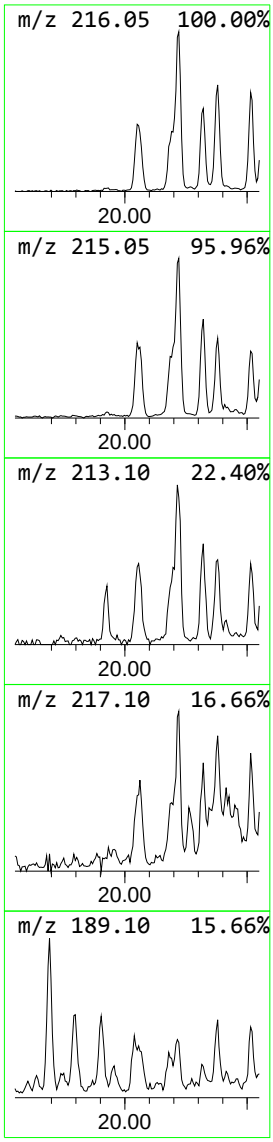
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.050	2.79 ng	172596	Chrysene-d12	21.566

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	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	53
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	49





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Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

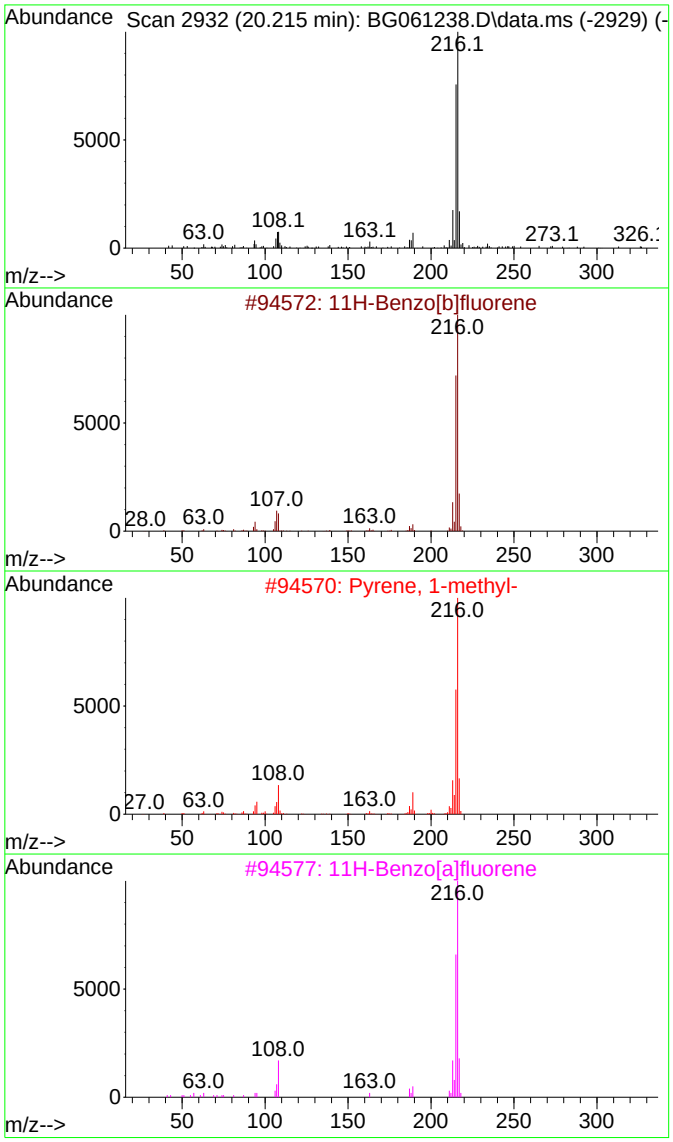
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

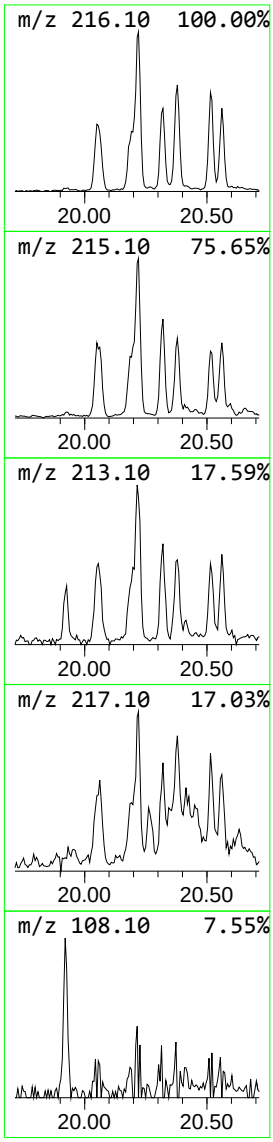
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	2.90 ng	179630	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	72





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Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
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ClientSampleId :
WCS-TPL

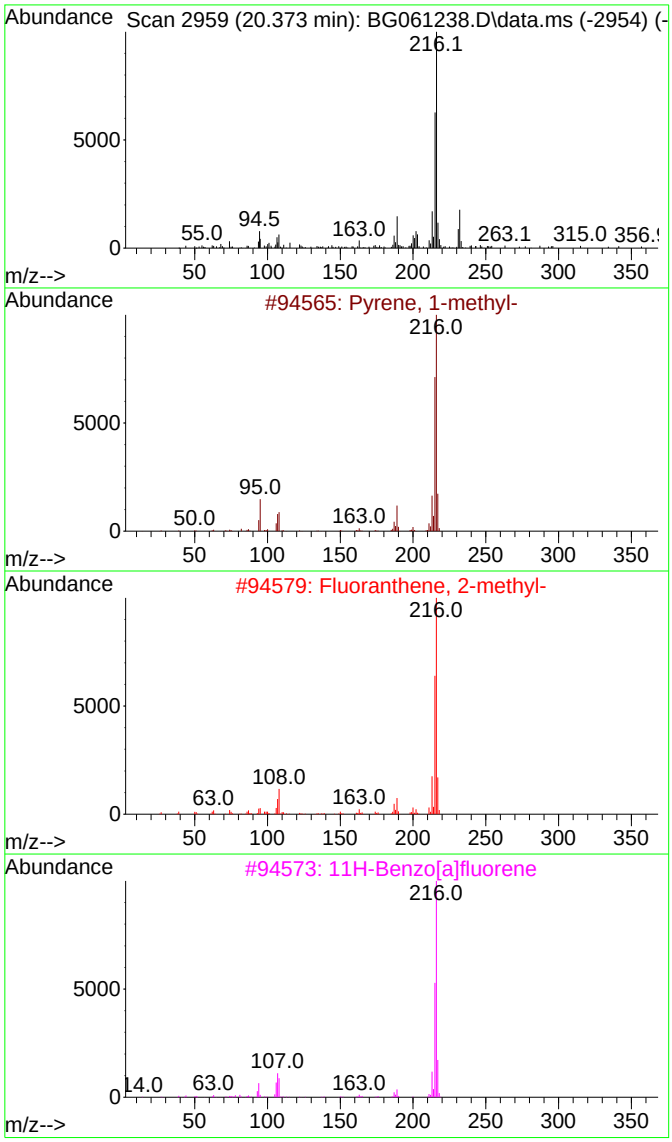
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

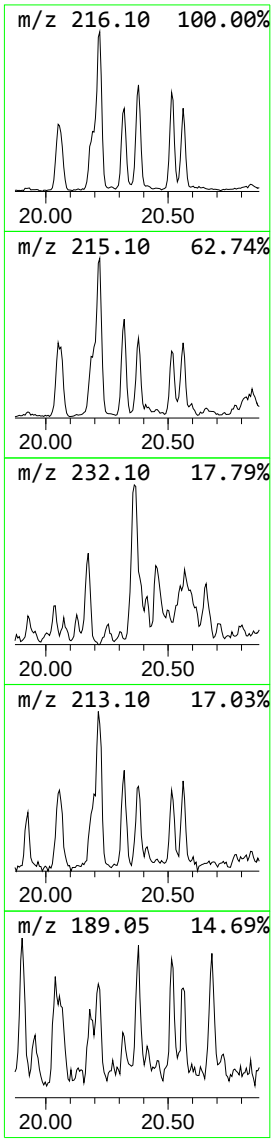
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.373	2.78 ng	171987	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	89
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	76
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	74





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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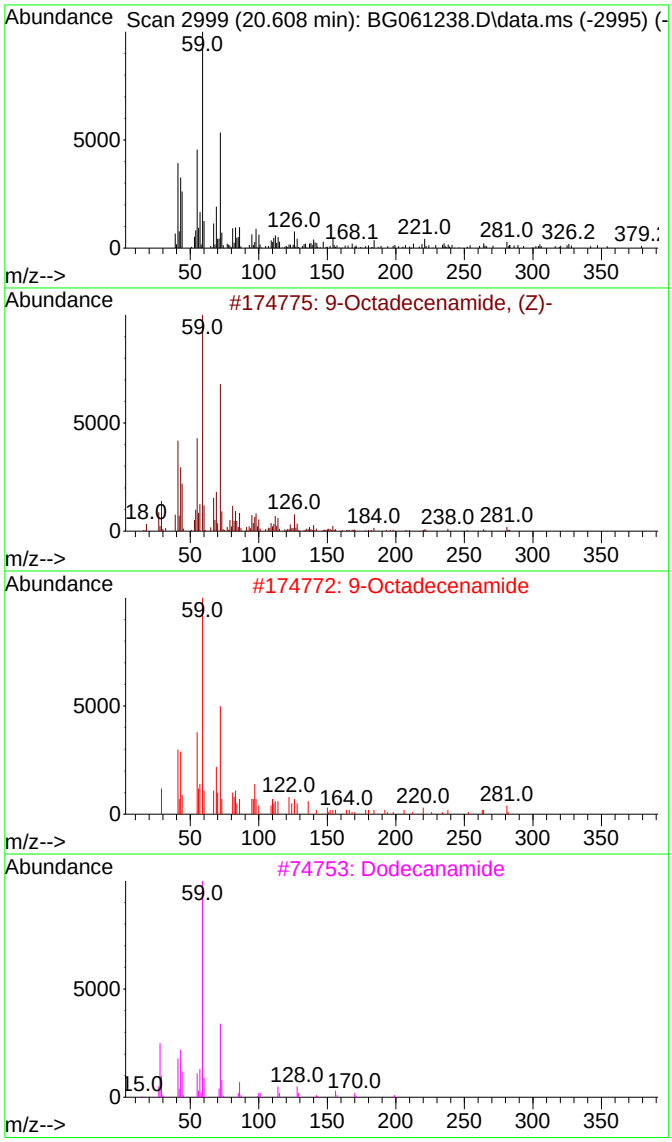
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

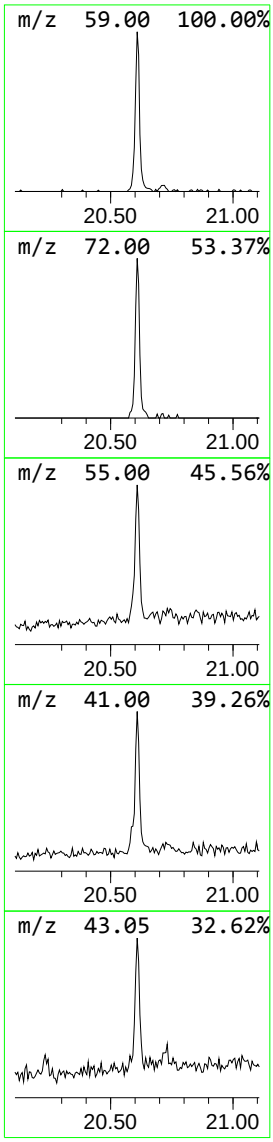
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 9-Octadecenamide, (Z)- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.608	2.44 ng	151348	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Octadecenamide, (Z)-	281	C18H35NO	000301-02-0	93
2	9-Octadecenamide	281	C18H35NO	003322-62-1	76
3	Dodecanamide	199	C12H25NO	001120-16-7	68
4	Octanamide	143	C8H17NO	000629-01-6	64
5	Octadecanamide	283	C18H37NO	000124-26-5	58





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Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

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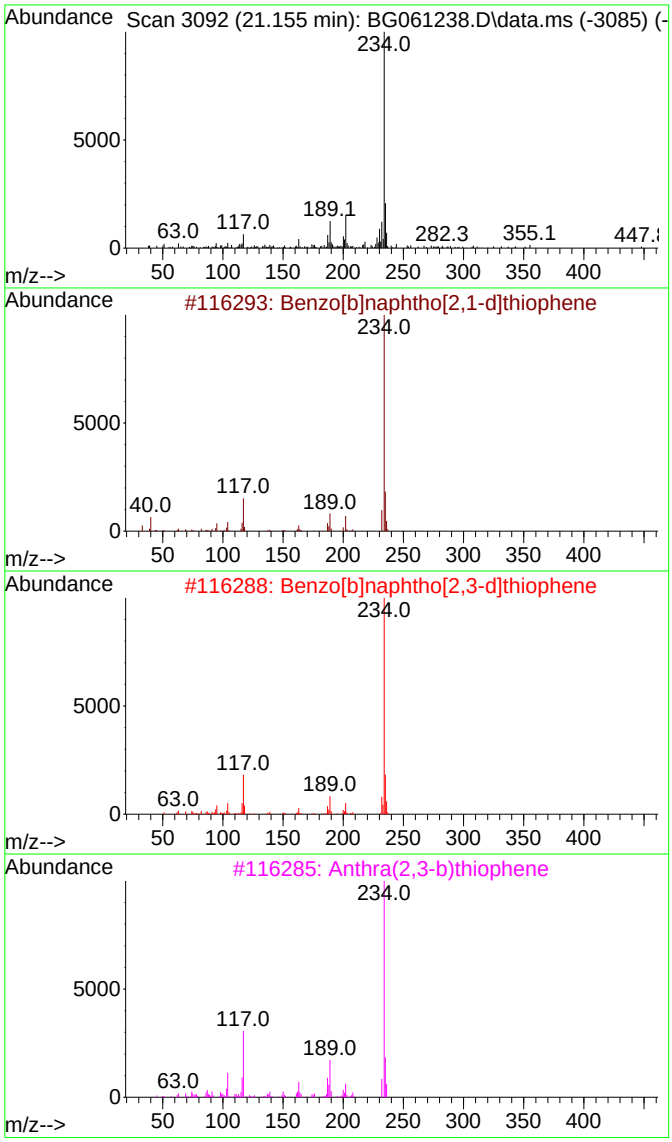
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

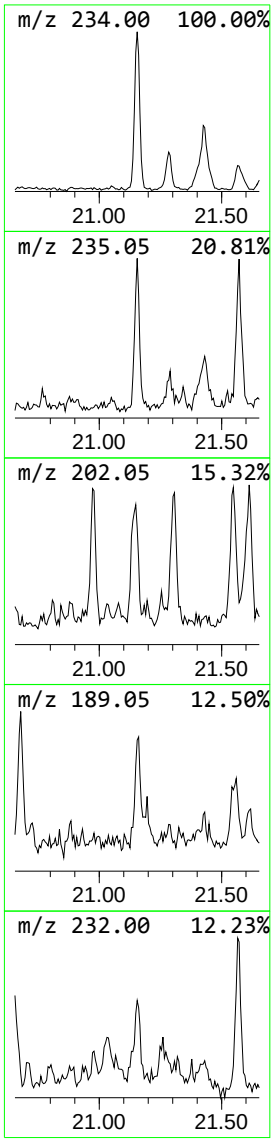
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.155	2.76 ng	170765	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	90
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	80
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	72
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64





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Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

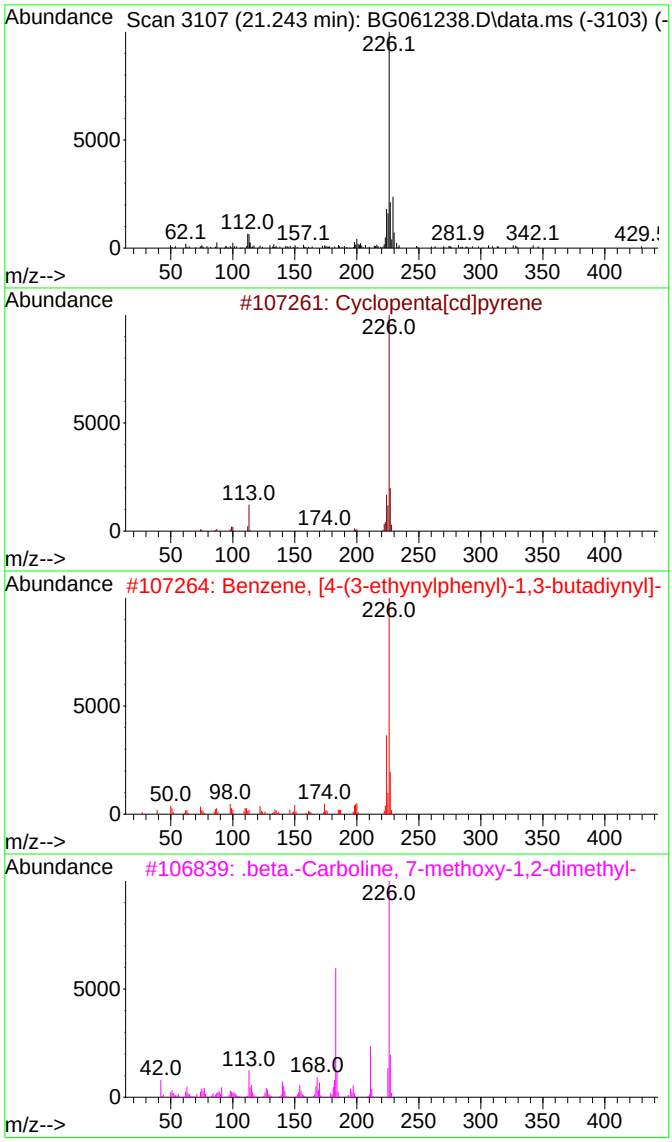
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

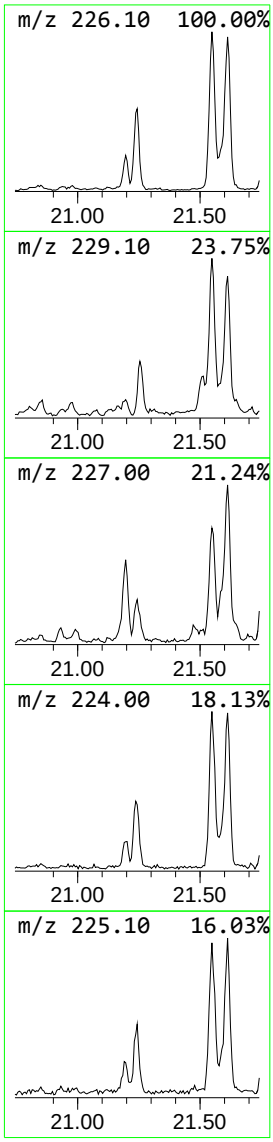
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Cyclopenta[cd]pyrene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.243	2.70 ng	167212	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	62
2	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	58
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	53
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	50
5	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	42





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

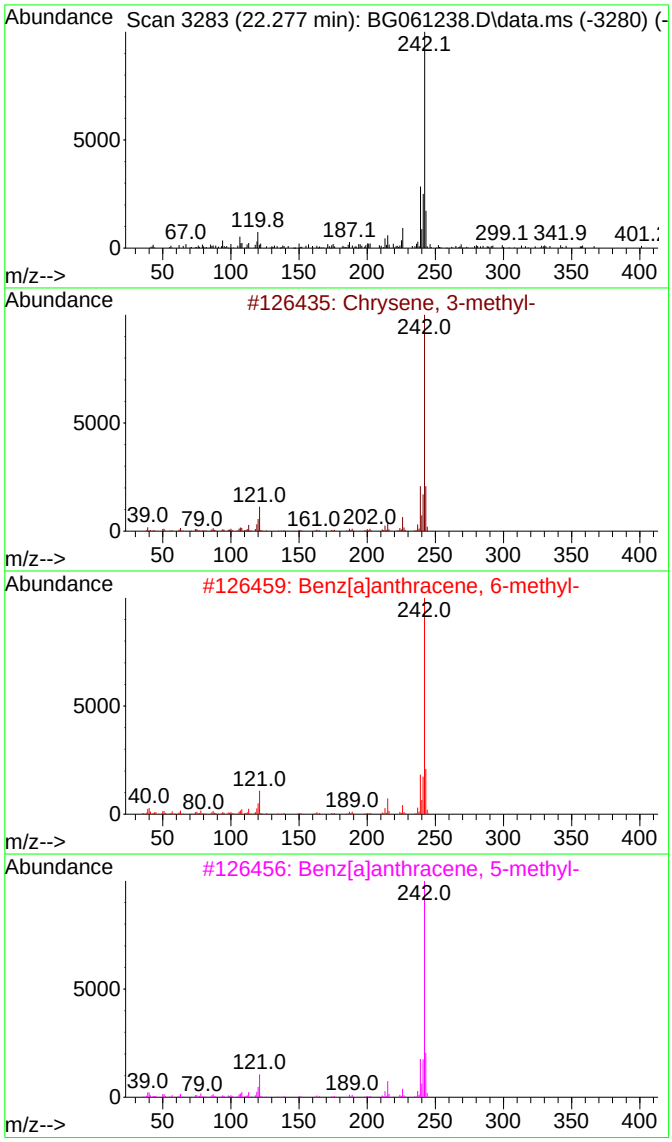
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

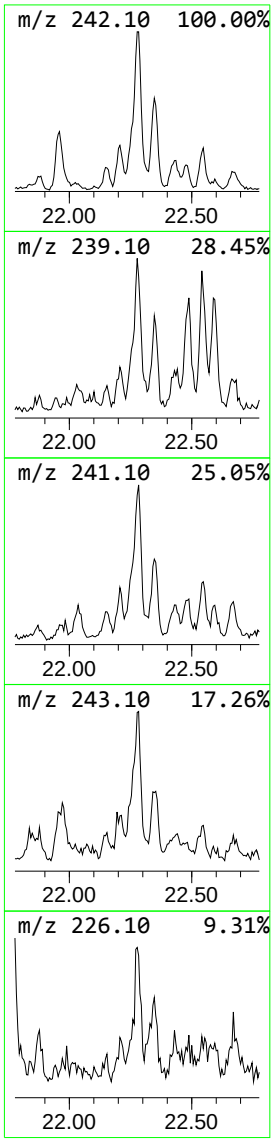
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Chrysene, 3-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.277	2.20 ng	136169	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chrysene, 3-methyl-	242	C19H14	003351-31-3	89
2	Benz[a]anthracene, 6-methyl-	242	C19H14	000316-14-3	86
3	Benz[a]anthracene, 5-methyl-	242	C19H14	002319-96-2	86
4	Benz[a]anthracene, 4-methyl-	242	C19H14	000316-49-4	86
5	Benz[a]anthracene, 3-methyl-	242	C19H14	002498-75-1	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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

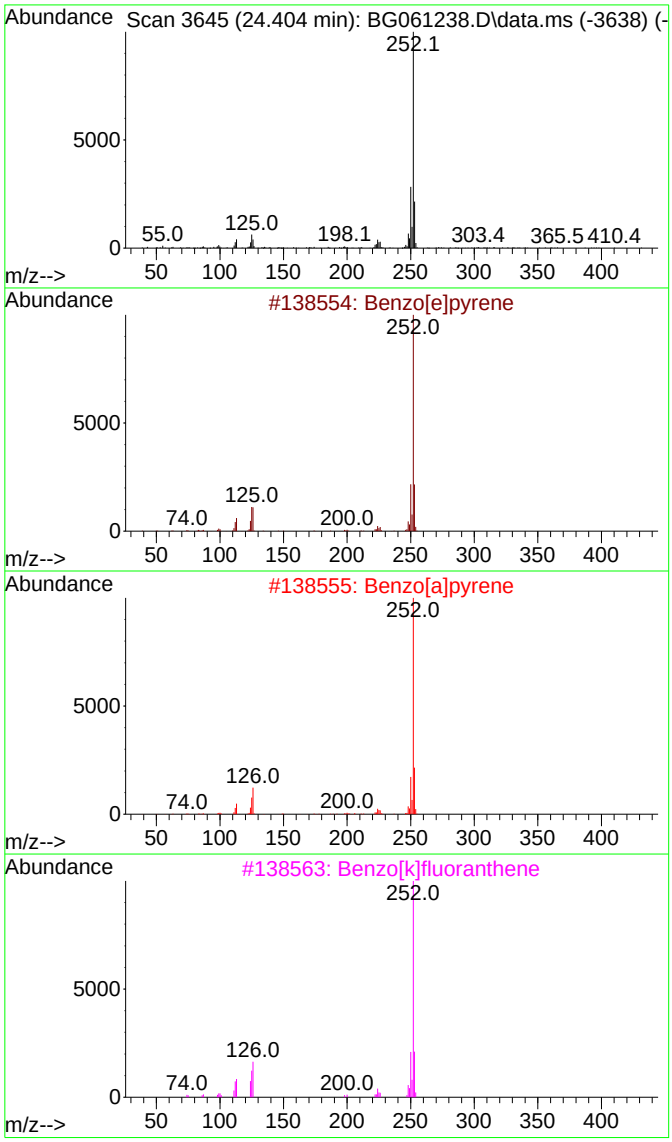
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

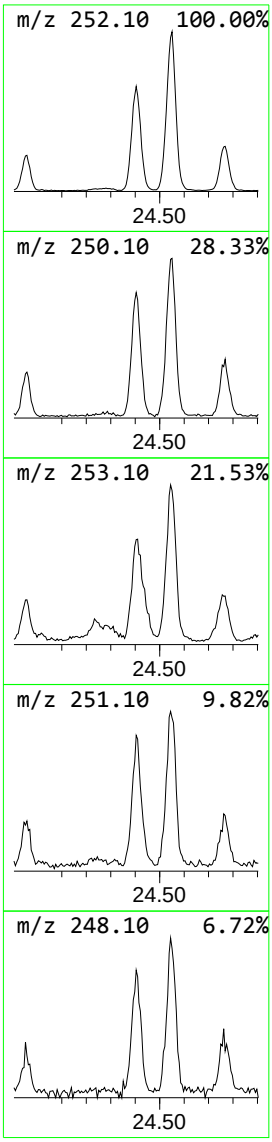
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.404	20.35 ng	505194	Perylene-d12	24.692

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





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051724\
Data File : BG061238.D
Acq On : 17 May 2024 14:29
Operator : MA/JU
Sample : P2486-05 2X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
WCS-TPL

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...	3.152	22.3	ng	218626	1	7.929	196122	20.0
Benzene, 5-hept...	15.602	2.3	ng	41437	3	14.557	359154	20.0
Phenanthrene, 2...	18.182	4.3	ng	98868	4	17.306	457029	20.0
Phenanthrene, 1...	18.229	6.3	ng	142937	4	17.306	457029	20.0
Anthracene, 1-m...	18.311	2.6	ng	60649	4	17.306	457029	20.0
4H-Cyclopenta[d...	18.375	8.6	ng	196471	4	17.306	457029	20.0
1H-Indene, 2-ph...	18.411	3.2	ng	73338	4	17.306	457029	20.0
5,16[1',2']:8,1...	18.681	3.1	ng	71198	4	17.306	457029	20.0
9,10-Anthracene...	18.722	2.3	ng	52776	4	17.306	457029	20.0
Phenanthrene, 2...	19.098	5.7	ng	130180	4	17.306	457029	20.0
unknown19.163	19.163	3.1	ng	70780	4	17.306	457029	20.0
Cyclopenta(def)...	19.239	4.4	ng	99660	4	17.306	457029	20.0
11H-Benzo[b]flu...	20.050	2.8	ng	172596	5	21.566	1238220	20.0
Pyrene, 1-methyl-	20.215	2.9	ng	179630	5	21.566	1238220	20.0
Fluoranthene, 2...	20.373	2.8	ng	171987	5	21.566	1238220	20.0
9-Octadecenamid...	20.608	2.4	ng	151348	5	21.566	1238220	20.0
Benzo[b]naphtho...	21.155	2.8	ng	170765	5	21.566	1238220	20.0
Cyclopenta[cd]p...	21.243	2.7	ng	167212	5	21.566	1238220	20.0
Chrysene, 3-met...	22.277	2.2	ng	136169	5	21.566	1238220	20.0
Benzo[e]pyrene	24.404	20.4	ng	505194	6	24.692	496602	20.0