LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SP-1B

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060965.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.164	25	30	40	rVB	47680	78505	4.18%	0.331%
2	5.532	426	433	442	rVB	390776	626241	33.37%	2.639%
3	7.107	693	701	710	rBV	415763	703524	37.48%	2.964%
4	7.941	835	843	850	rBV	151510	241640	12.87%	1.018%
5	9.093	1031	1039	1047	rVB	280720	491046	26.16%	2.069%
6	10.738	1311	1319	1324	rBV	152117	275312	14.67%	1.160%
7	10.785	1324	1327	1333	rVB2	13675	19229	1.02%	0.081%
8	13.194	1730	1737	1744	rBV	726922	1097718	58.48%	4.625%
9	14.016	1871	1877	1882	rBV2	22895	30115	1.60%	0.127%
10	14.569	1960	1971	1977	rBV	253381	404933	21.57%	1.706%
11	14.633	1977	1982	1988	rVB	33513	51549	2.75%	0.217%
12	14.774	1998	2006	2007	rBV	143397	186205	9.92%	0.785%
13	14.792	2007	2009	2015	rVB	163845	206452	11.00%	0.870%
14	14.968	2032	2039	2048	rVB	26368	42995	2.29%	0.181%
15	15.614	2144	2149	2160	rVB2	42343	66438	3.54%	0.280%
16	15.914	2195	2200	2206	rVB2	15465	25714	1.37%	0.108%
17	16.055	2217	2224	2233	rBV	711096	1093568	58.26%	4.608%
18	16.296	2257	2265	2268	rBV7	11786	21737	1.16%	0.092%
19	16.966	2374	2379	2387	rVB	40672	62078	3.31%	0.262%
20	17.048	2388	2393	2398	rBV4	12946	27718	1.48%	0.117%
21	17.130	2403	2407	2415	rVB2	31392	50831	2.71%	0.214%
22	17.318	2432	2439	2442	rBV	332700	512452	27.30%	2.159%
23	17.359	2442	2446	2452	rVV	608564	853133	45.45%	3.595%
24	17.448	2456	2461	2466	rVV	123727	184965	9.85%	0.779%
25	17.501	2466	2470	2478	rVB6	16216	28515	1.52%	0.120%
26	17.712	2497	2506	2511	rBV2	76593	141961	7.56%	0.598%
27	17.835	2523	2527	2532	rBV3	13081	19714	1.05%	0.083%
28	17.894	2532	2537	2543	rVB5	18551	29661	1.58%	0.125%
29	18.194	2579	2588	2590	rBV	88637	150611	8.02%	0.635%
30	18.223	2590	2593	2595	rBV	69717	102765	5.48%	0.433%
31	18.317	2605	2609	2614	rVB	39520	57605	3.07%	0.243%
32	18.388	2614	2621	2625	rBV3	128729	244797	13.04%	1.031%
33	18.423	2625	2627	2634	rVB2	63232	84406	4.50%	0.356%
34	18.511	2634	2642	2643	rBV6	14566	33244	1.77%	0.140%
35	18.529	2643	2645	2650	rVV4	14748	23103	1.23%	0.097%
36	18.652	2662	2666	2668	rVV4	20100	28615	1.52%	0.121%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

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-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.693	2668	2673	2676	rVV	74662	109845	5.85%	0.463%
38	18.728	2676	2679	2685	rVB2	82734	109550	5.84%	0.462%
39	18.940	2711	2715	2719	rVV2	29250	32729	1.74%	0.138%
40	18.987	2720	2723	2726	rVV	20677	27188	1.45%	0.115%
41	19.028	2727	2730	2734	rVB2	23467	26131	1.39%	0.110%
42	19.110	2739	2744	2748	rBV2	57353	98814	5.26%	0.416%
43	19.169	2748	2754	2757	rVV5	62496	106773	5.69%	0.450%
44	19.198	2757	2759	2762	rVV	21491	25178	1.34%	0.106%
45	19.246	2763	2767	2774	rVB	70264	110346	5.88%	0.465%
46	19.375	2782	2789	2795	rBV	1291302	1773834	94.51%	7.474%
47	19.469	2803	2805	2807	rBV3	18567	19169	1.02%	0.081%
48	19.492	2807	2809	2816	rVB5	49026	76131	4.06%	0.321%
49	19.557	2817	2820	2825	rBV3	22449	41516	2.21%	0.175%
50	19.610	2826	2829	2833	rBV	29713	34612	1.84%	0.146%
51	19.733	2839	2850	2857	rBV	1039374	1822672	97.11%	7.680%
52	19.804	2858	2862	2868	rVB2	52834	88175	4.70%	0.372%
53	19.939	2876	2885	2889	rBV	1412951	1876939	100.00%	7.908%
54	20.062	2899	2906	2911	rBV2	86131	223240	11.89%	0.941%
55	20.191	2924	2928	2930	rBV2	52681	75696	4.03%	0.319%
56	20.227	2930	2934	2938	rVB	135240	200570	10.69%	0.845%
57	20.327	2946	2951	2954	rBV	73853	105627	5.63%	0.445%
58	20.385	2955	2961	2965	rVV2	98315	168780	8.99%	0.711%
59	20.421	2965	2967	2971	rVB	36935	39913	2.13%	0.168%
60	20.462	2972	2974	2980	rVB5	27751	42040	2.24%	0.177%
61	20.520	2980	2984	2988	rBV	58317	94044	5.01%	0.396%
62	20.567	2988	2992	2996	rBV2	55886	82060	4.37%	0.346%
63	20.979	3058	3062	3069	rVB	148777	229755	12.24%	0.968%
64	21.161	3086	3093	3097	rBV2	101398	224339	11.95%	0.945%
65	21.202	3097	3100	3104	rVV	114251	170352	9.08%	0.718%
66	21.249	3104	3108	3113	rVV2	167514	313581	16.71%	1.321%
67	21.308	3114	3118	3129	rVB	151680	271758	14.48%	1.145%
68	21.490	3145	3149	3151	rBV2	36725	43227	2.30%	0.182%
69	21.560	3155	3161	3168	rVV3	754968	1814774	96.69%	7.646%
70	21.619	3168	3171	3181	rVB	520230	880943	46.94%	3.712%
71	21.766	3192	3196	3204	rBV3	70022	158668	8.45%	0.669%
72	21.972	3227	3231	3237	rVB2	71693	138718	7.39%	0.584%
73	22.289	3281	3285	3290	rVB	92807	164557	8.77%	0.693%
74	22.360	3294	3297	3301	rVB3	48726	60727	3.24%	0.256%
75	22.553	3327	3330	3334	rVB2	40575	54266	2.89%	0.229%
76	23.723	3520	3529	3536	rBV	388150	1315407	70.08%	5.542%

LSC Area Percent Report

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Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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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
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Peak separation: 5

Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.964	3565	3570	3577	rVB	71676	160981	8.58%	0.678%
78	24.416	3640	3647	3659	rVB	220387	634788	33.82%	2.675%
79	24.557	3663	3671	3680	rVV2	297848	787687	41.97%	3.319%
80	24.704	3689	3696	3703	rBV2	183497	488718	26.04%	2.059%
81	28.229	4290	4296	4297	rBV	67419	109858	5.85%	0.463%

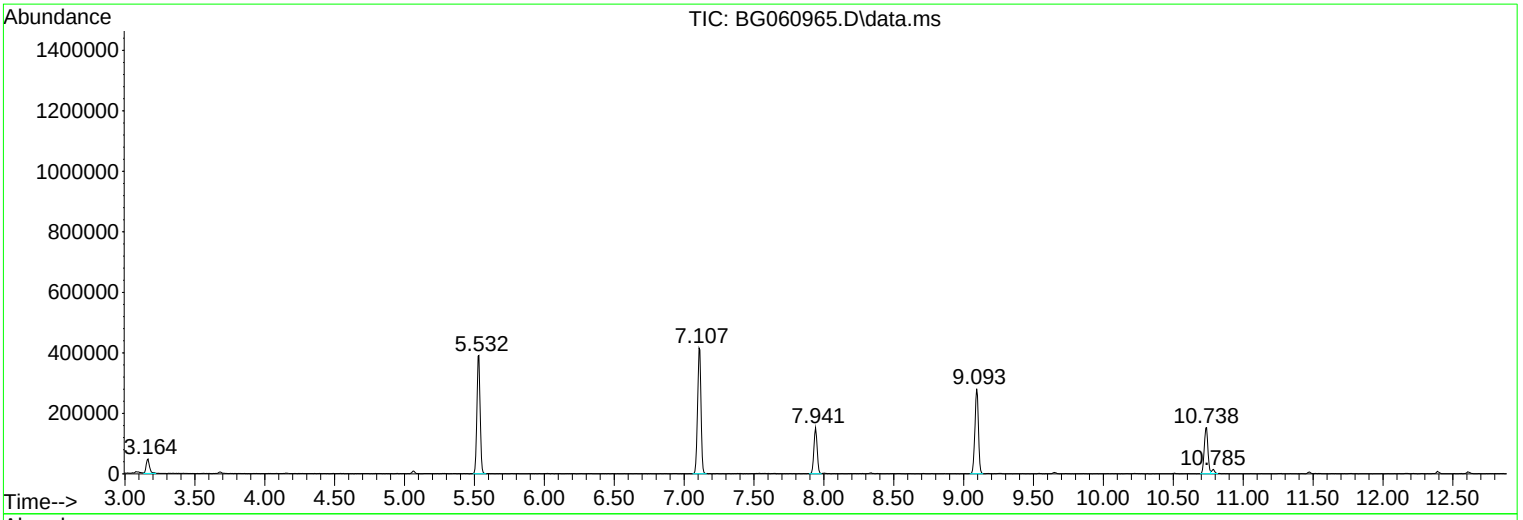
Sum of corrected areas: 23733771

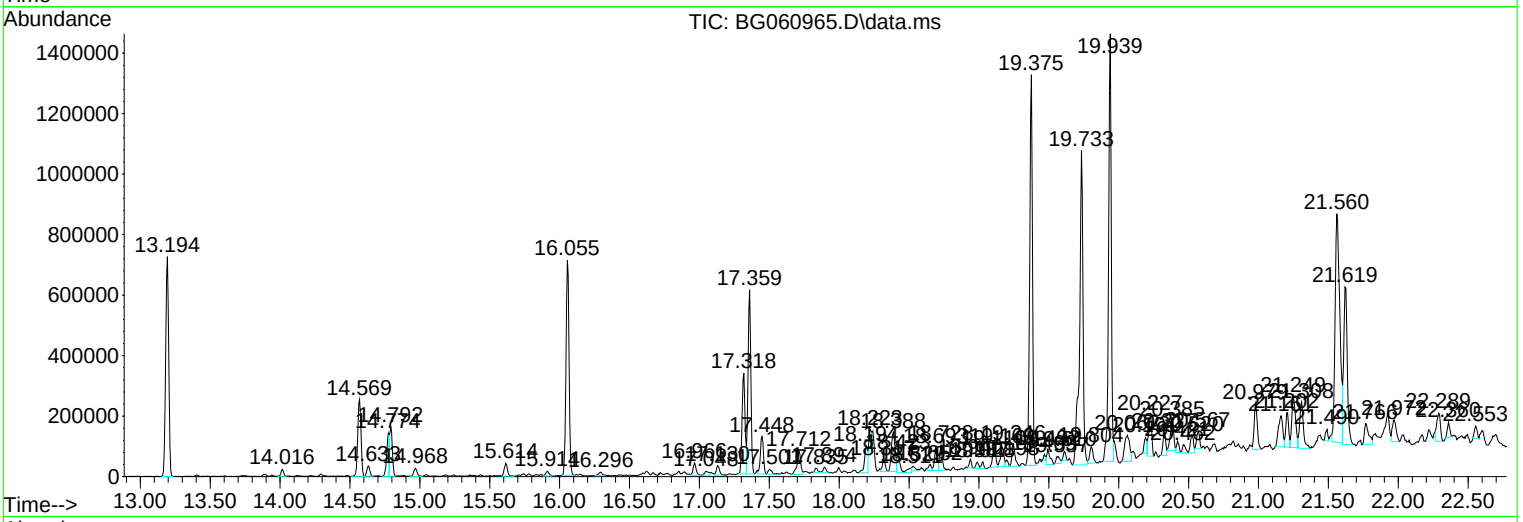
Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

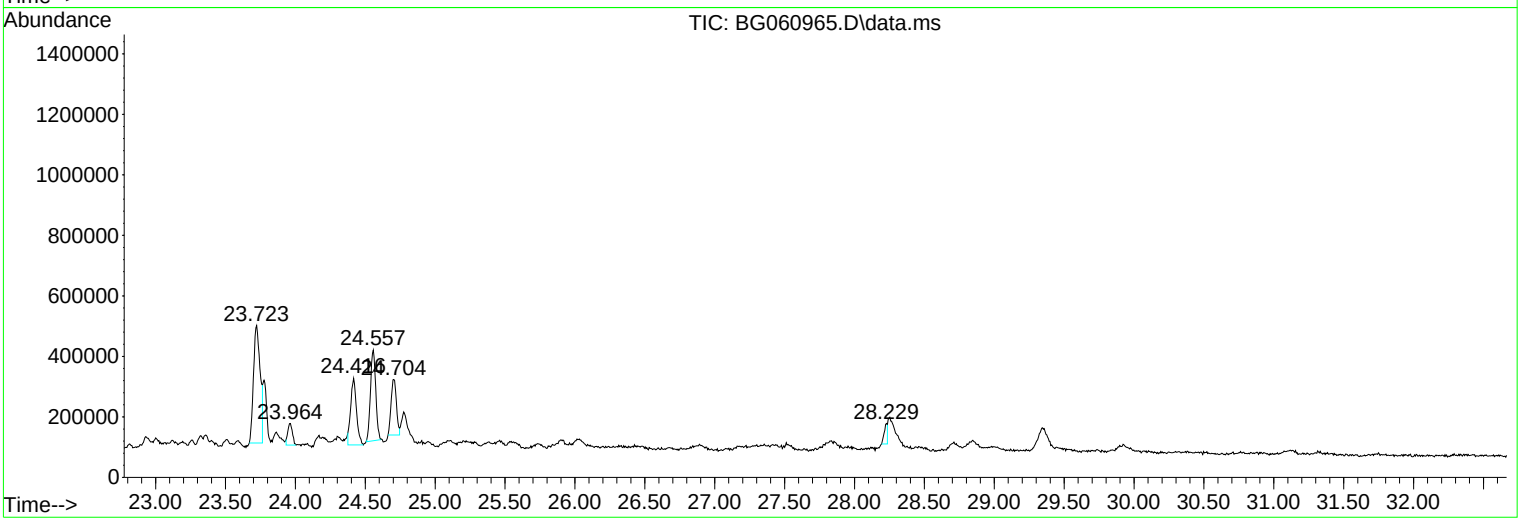
Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

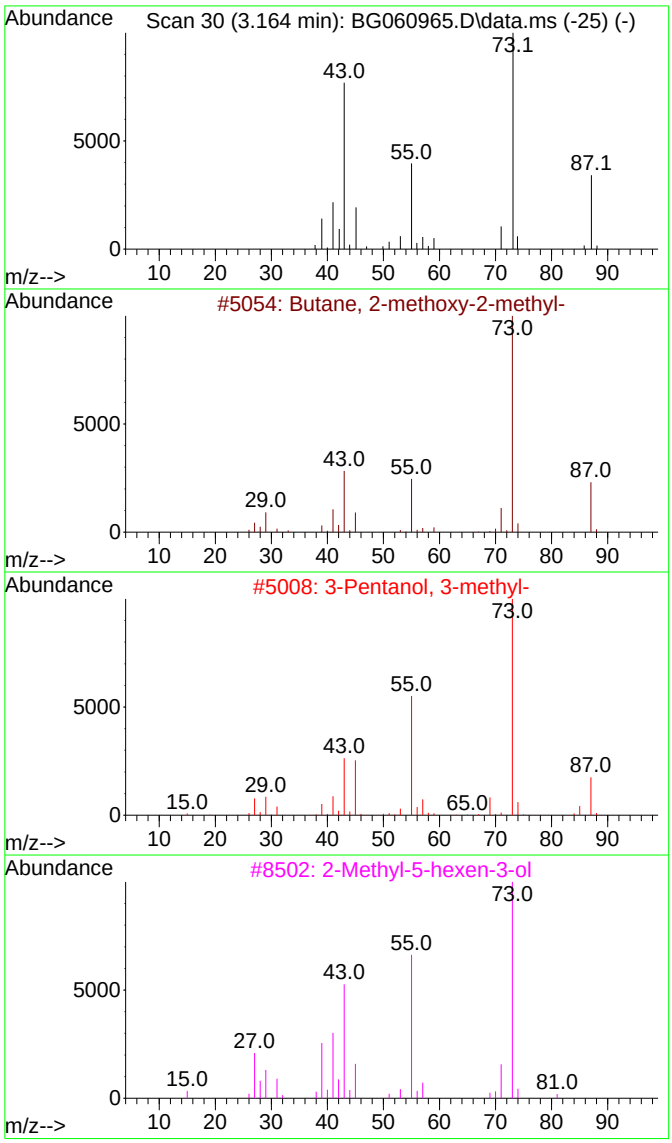
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

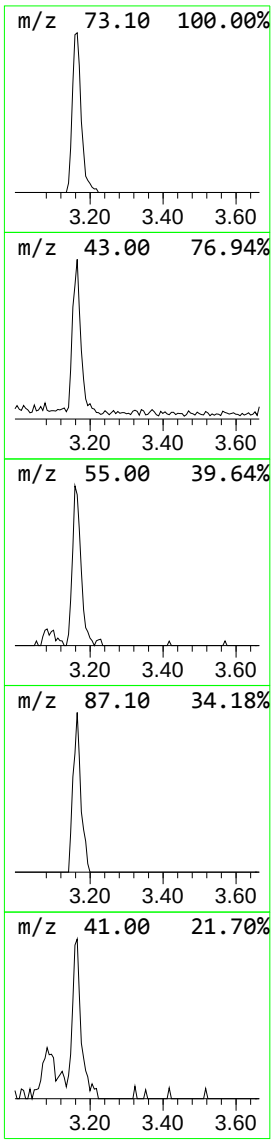
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.164	6.50 ng	78505	1,4-Dichlorobenzene-d4	7.941

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	47
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9
5	(3S)-3-Pyrrolidinol	87	C4H9NO	100243-39-8	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

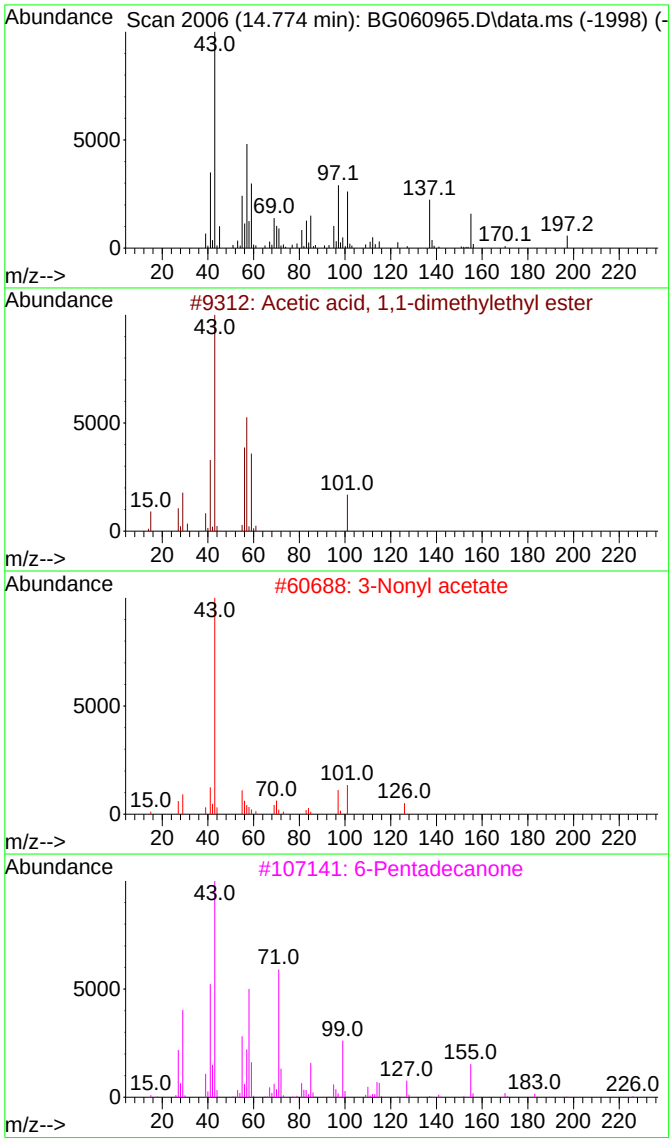
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

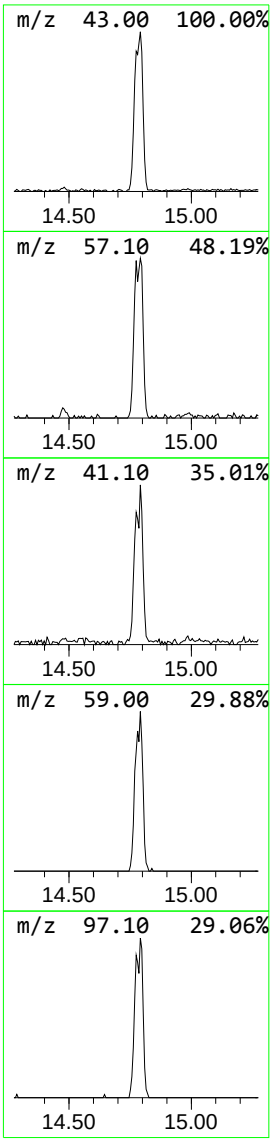
****

Peak Number 2 unknown14.774 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.774	9.20 ng	186205	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	10
2	3-Nonyl acetate	186	C11H22O2	1010429-16-2	10
3	6-Pentadecanone	226	C15H30O	001001-45-2	10
4	4,7-Dimethyl-5-decyne-4,7-diol	198	C12H22O2	000126-87-4	10
5	1,3-Dioxolane-2-methanol, 2,4-di...	132	C6H12O3	053951-43-2	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

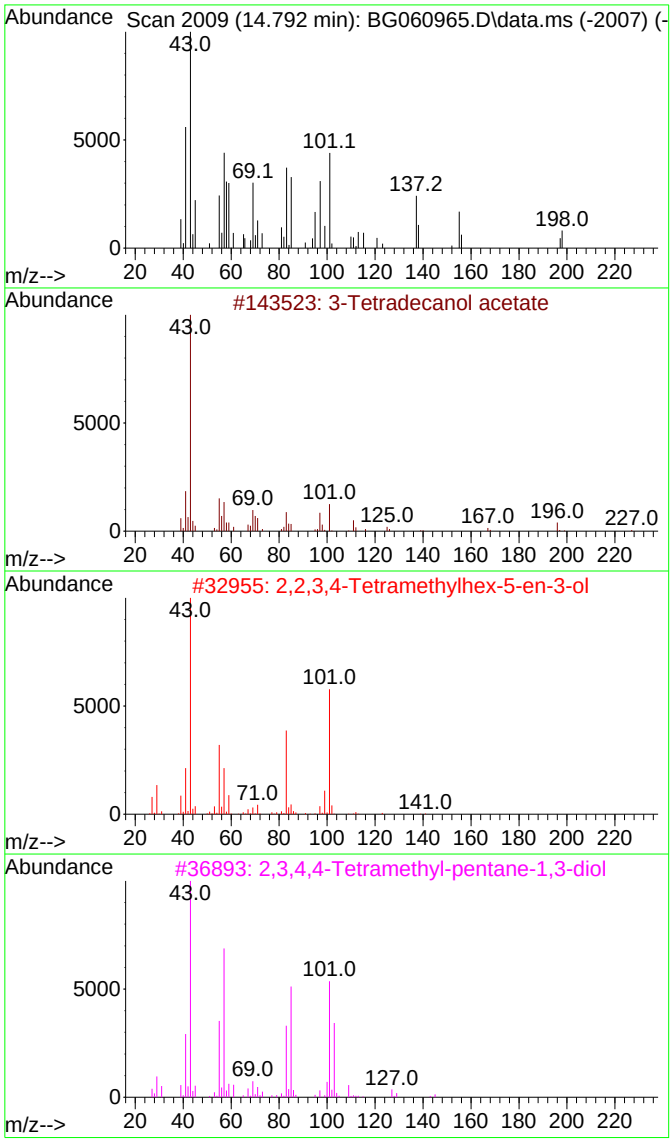
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

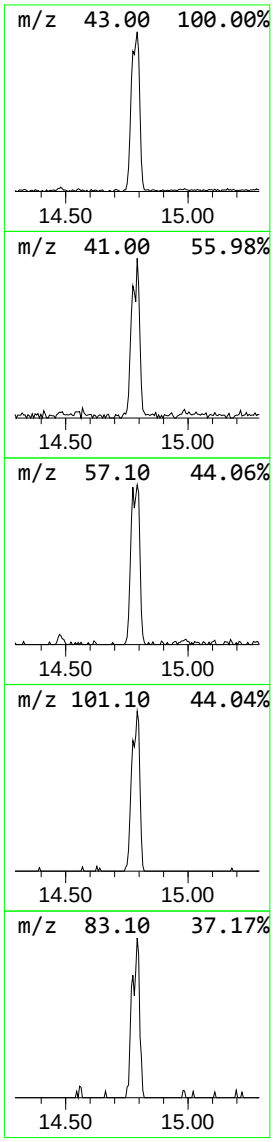
****

Peak Number 3 unknown14.792 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.792	10.20 ng	206452	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Tetradecanol acetate	256	C16H32O2	051354-23-5	35
2	2,2,3,4-Tetramethylhex-5-en-3-ol	156	C10H20O	1010191-06-9	16
3	2,3,4,4-Tetramethyl-pentane-1,3-...	160	C9H20O2	1000188-09-0	12
4	2-Nonanone, 9-[(tetrahydro-2H-py...	242	C14H26O3	054699-41-1	10
5	6-Methyl-3,7,9-trioxabicyclo[4.2...	144	C7H12O3	030120-65-1	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
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Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

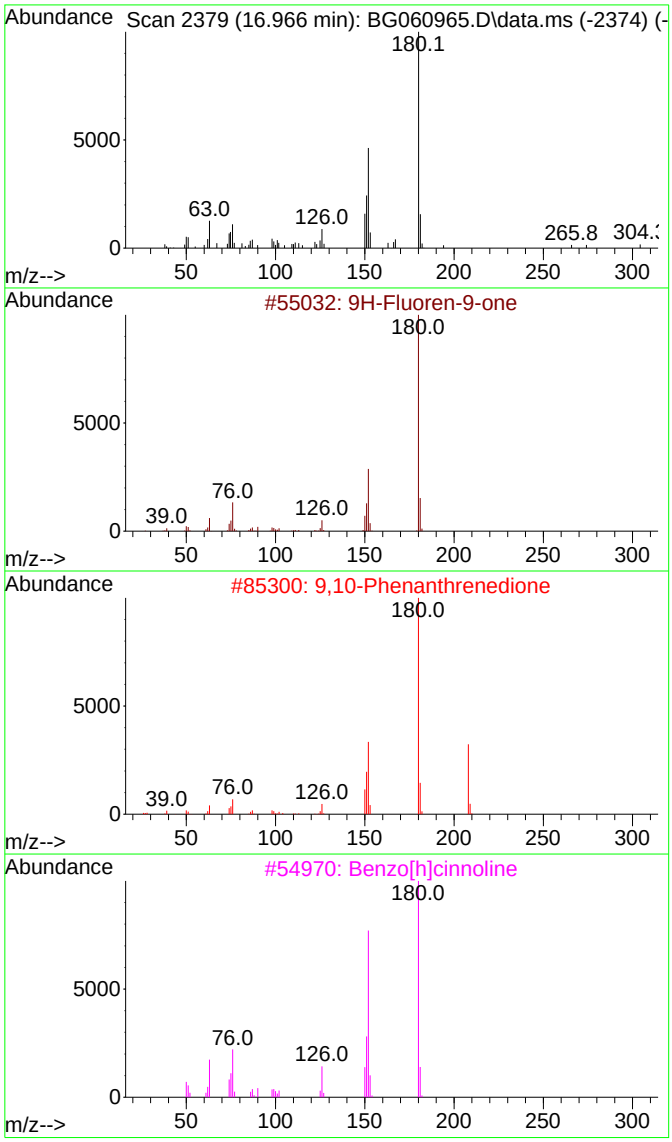
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

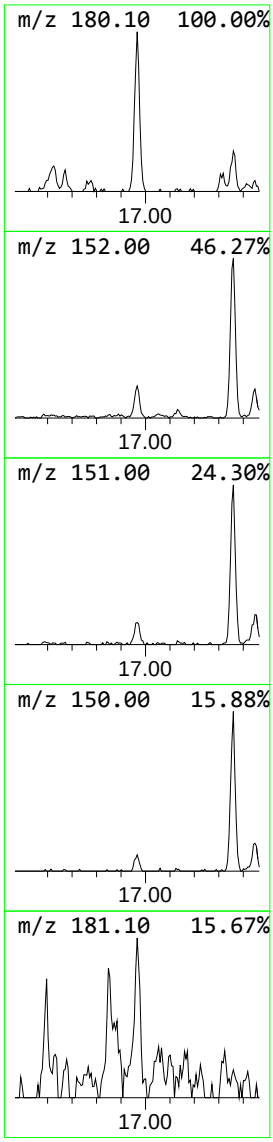
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.966	2.42 ng	62078	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
3	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
4	9,9-Bis[4-aminophenylsulfonyl]fl...	476	C25H20N2O4S2	081269-16-1	72
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

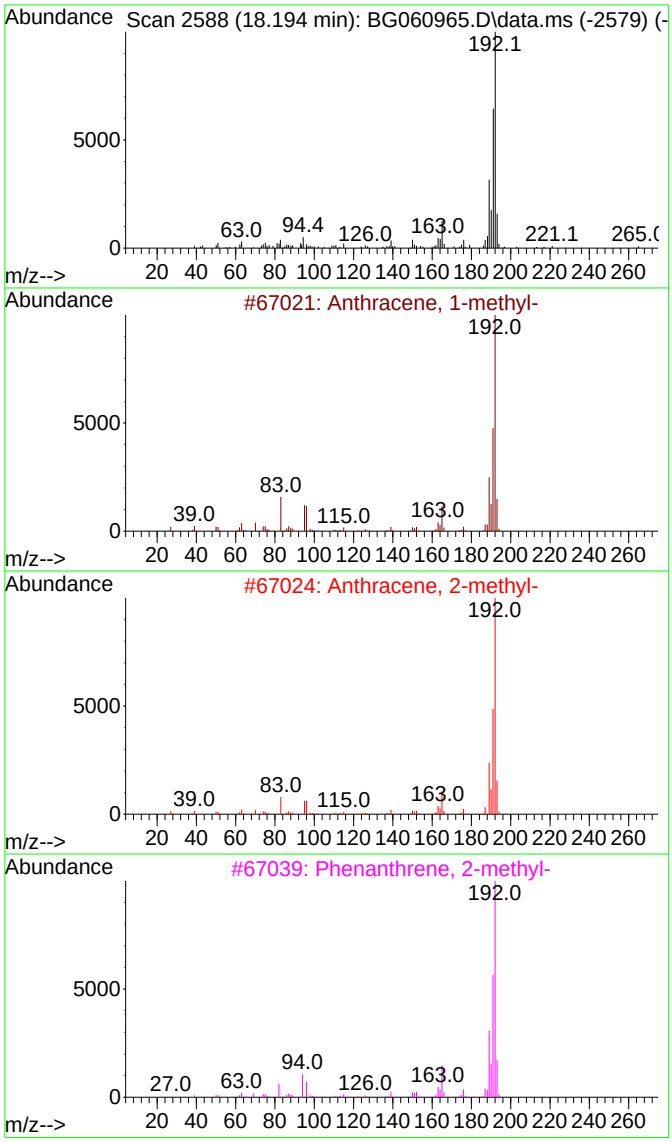
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

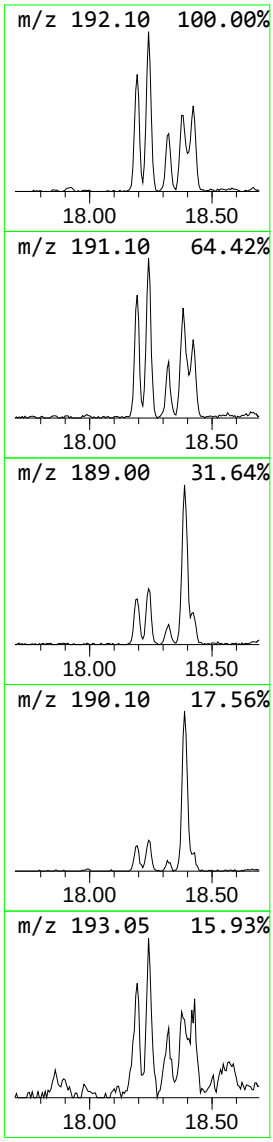
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.194	5.88 ng	150611	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

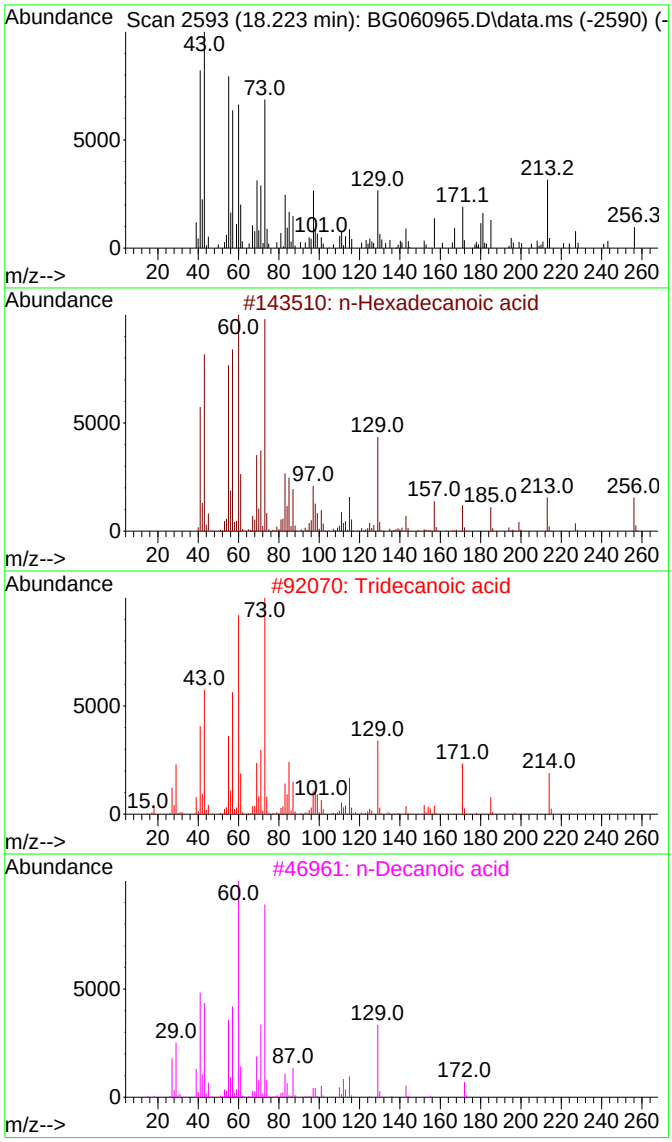
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

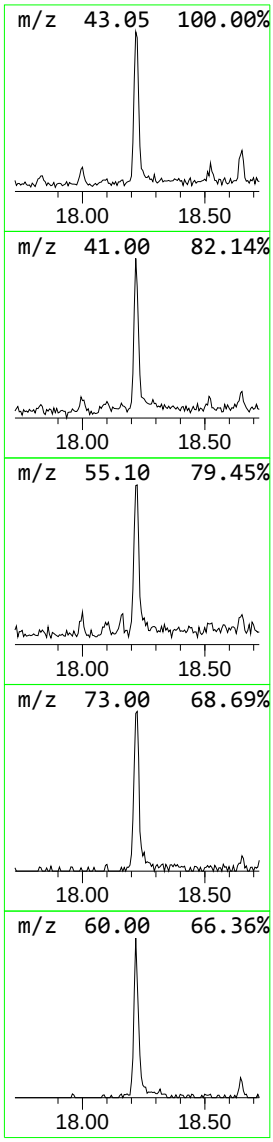
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.223	4.01 ng	102765	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tridecanoic acid	214	C13H26O2	000638-53-9	49
3	n-Decanoic acid	172	C10H20O2	000334-48-5	46
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	43
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	43





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Sample : P2126-04
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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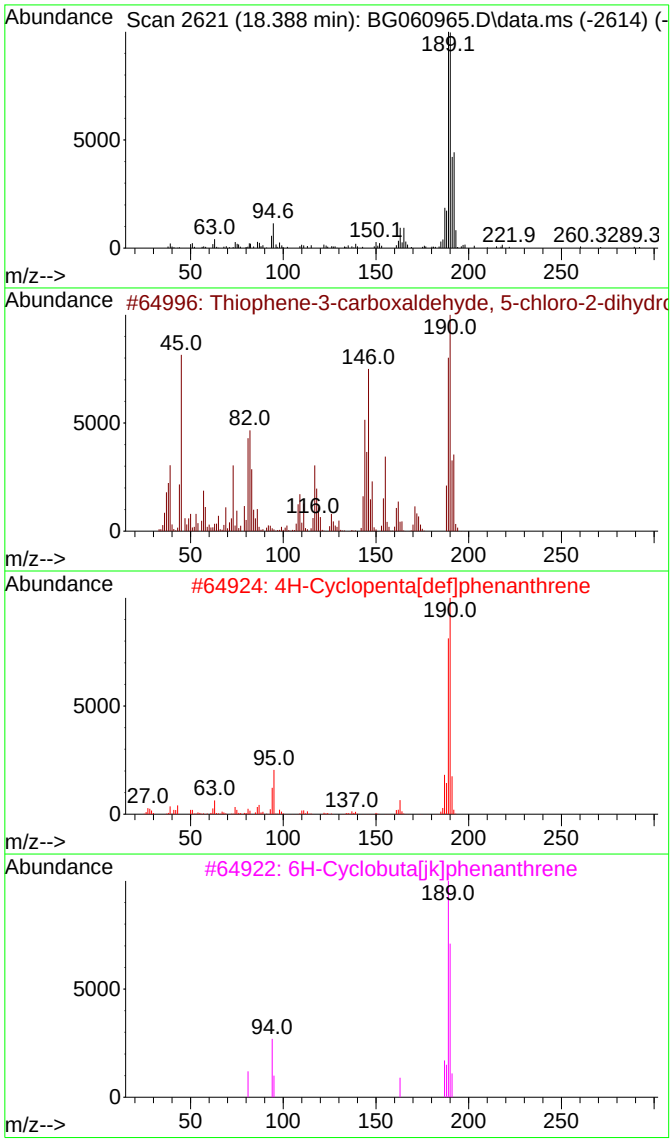
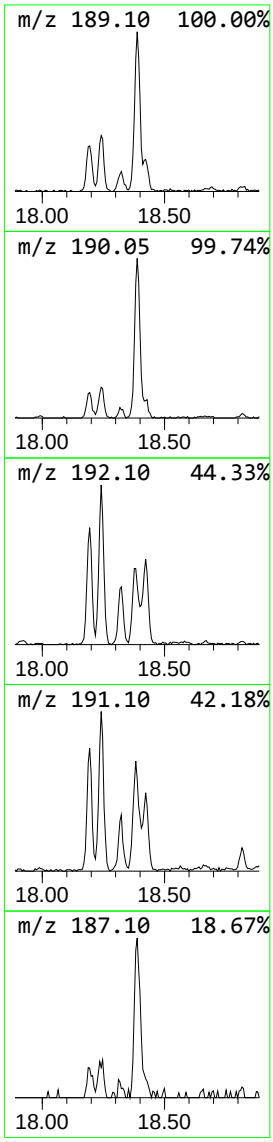
Peak Number 7 Thiophene-3-carboxaldehyde,... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.388	9.55 ng	244797	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	53
4	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
5	4,6-Dichloro-2-ethylpyrimidin-5-...	191	C6H7Cl2N3	006237-96-3	35





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

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

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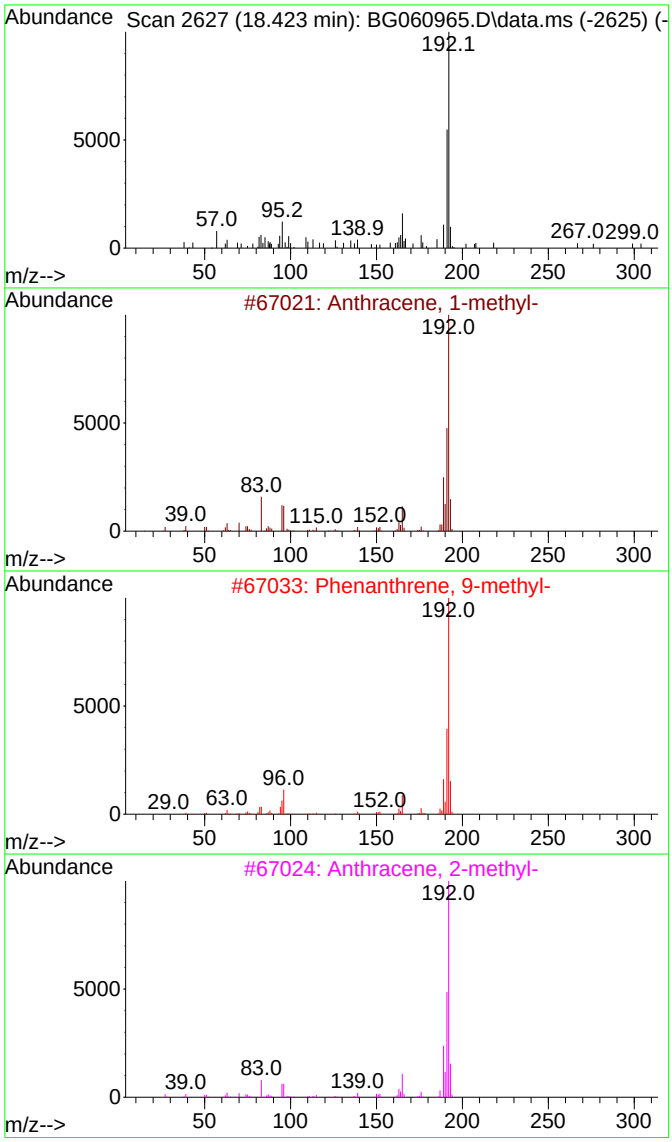
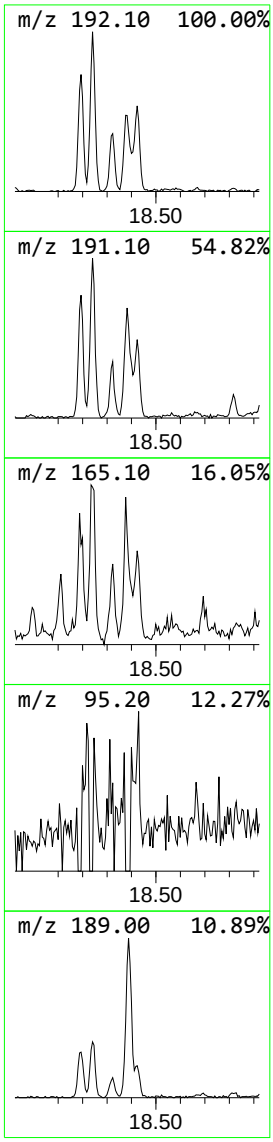
Peak Number 8 Phenanthrene, 9-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.423	3.29 ng	84406	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
2	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	72
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	59





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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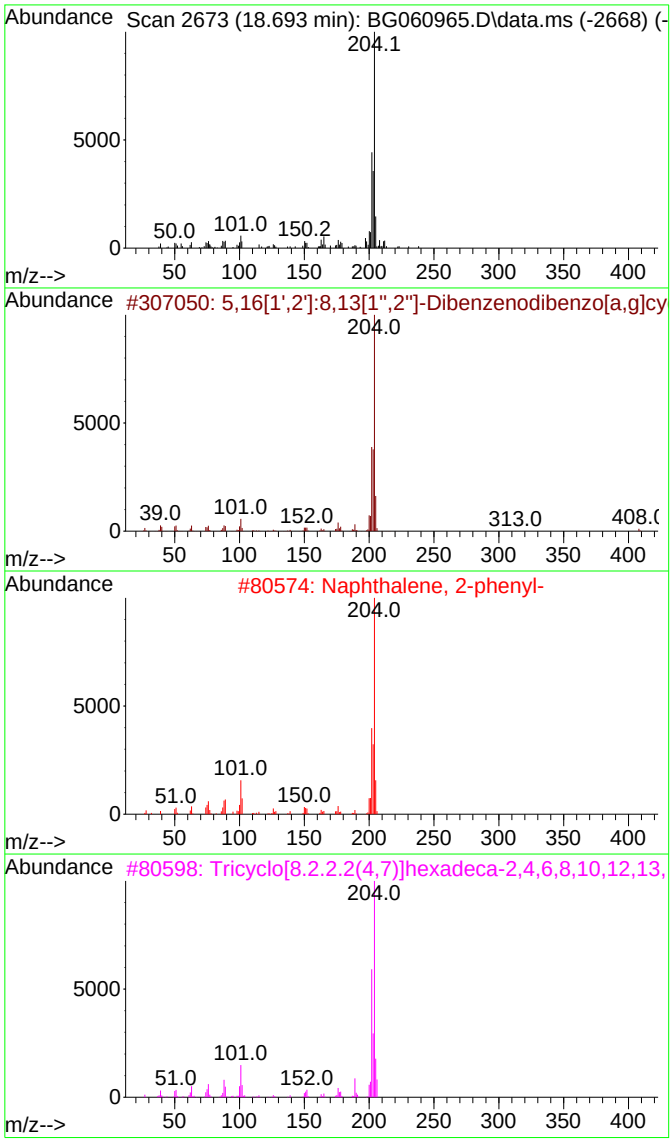
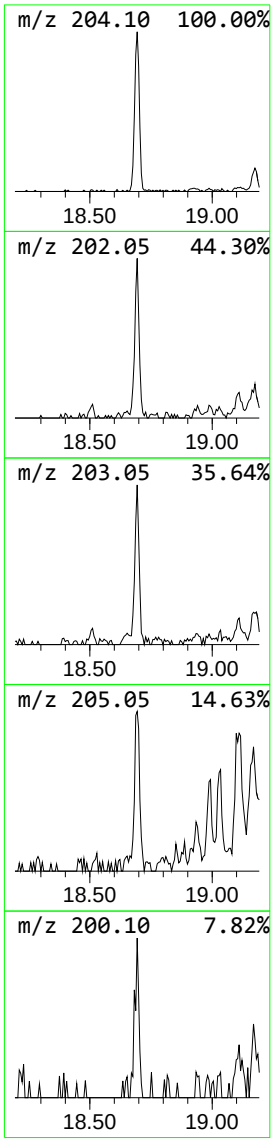
Peak Number 9 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.693	4.29 ng	109845	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	58
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	52
4	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47
5	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	46





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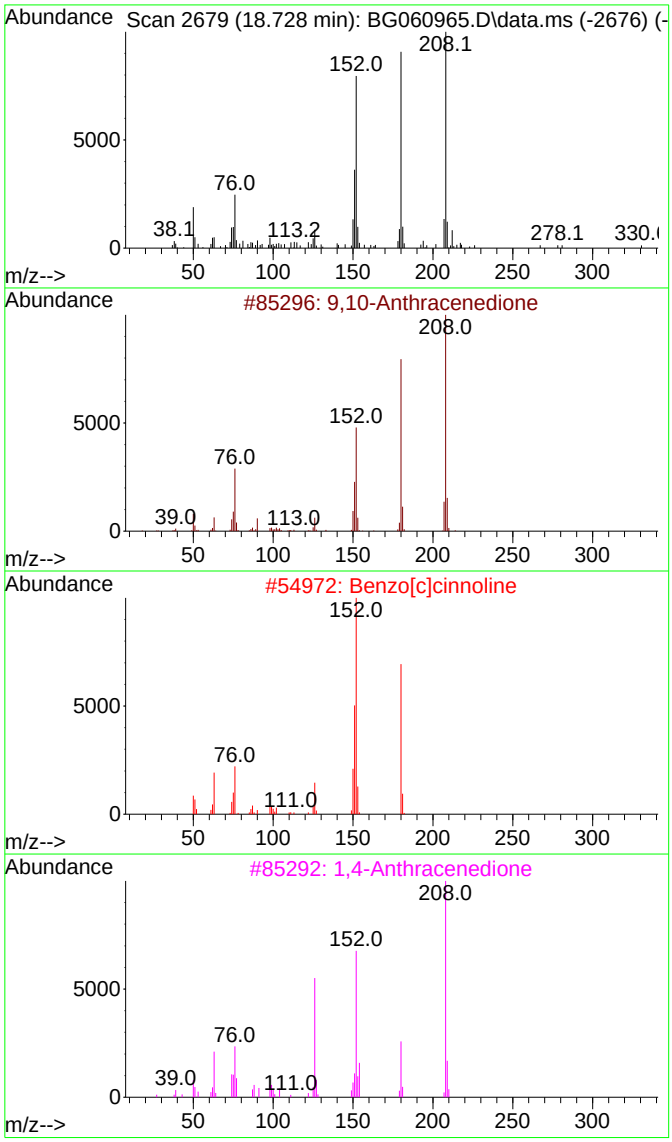
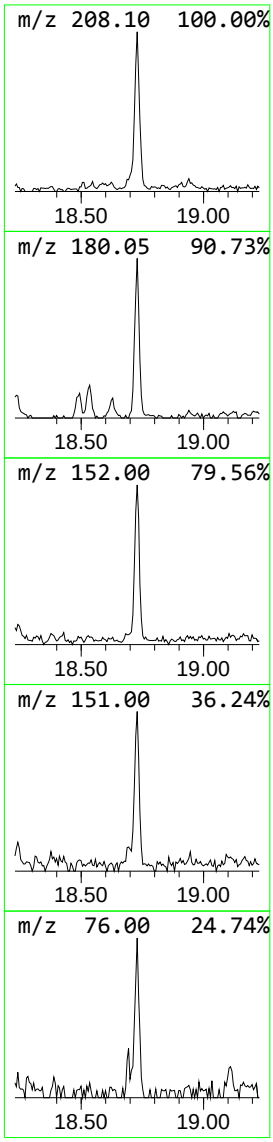
Peak Number 10 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.729	4.28 ng	109550	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	58
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	53
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52





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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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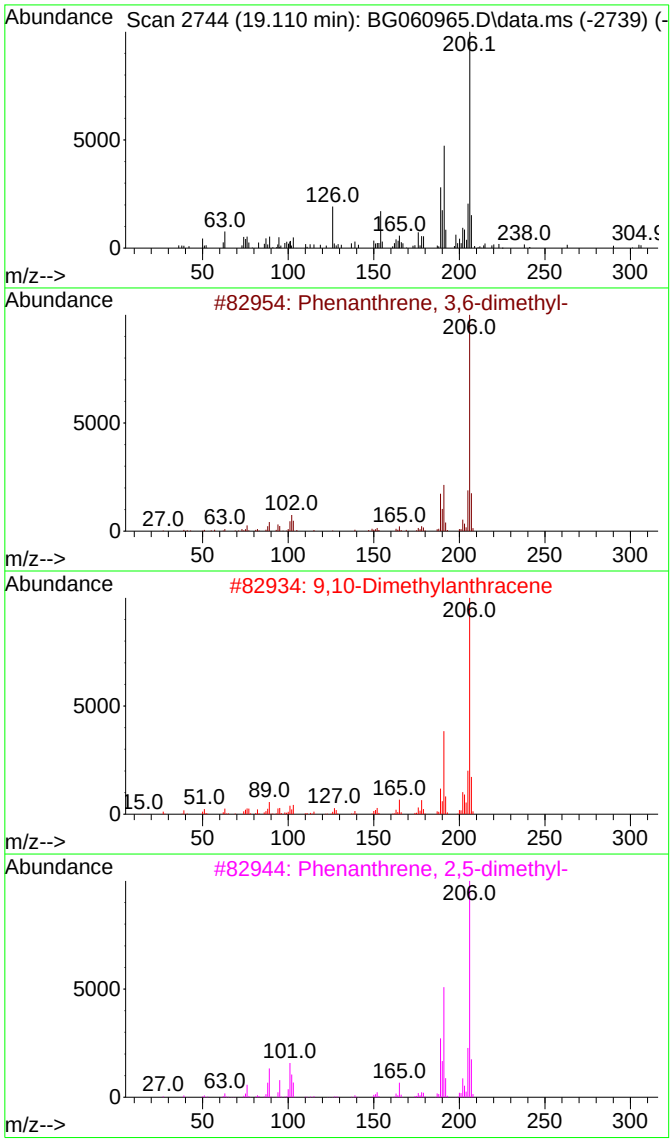
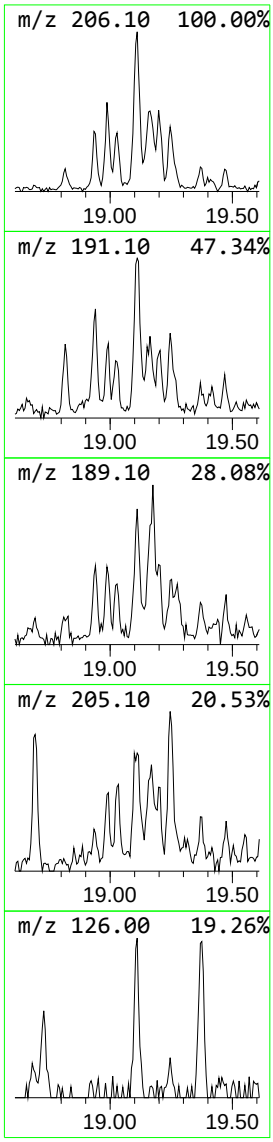
Peak Number 11 Phenanthrene, 3,6-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	3.86 ng	98814	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	76
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	72





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

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

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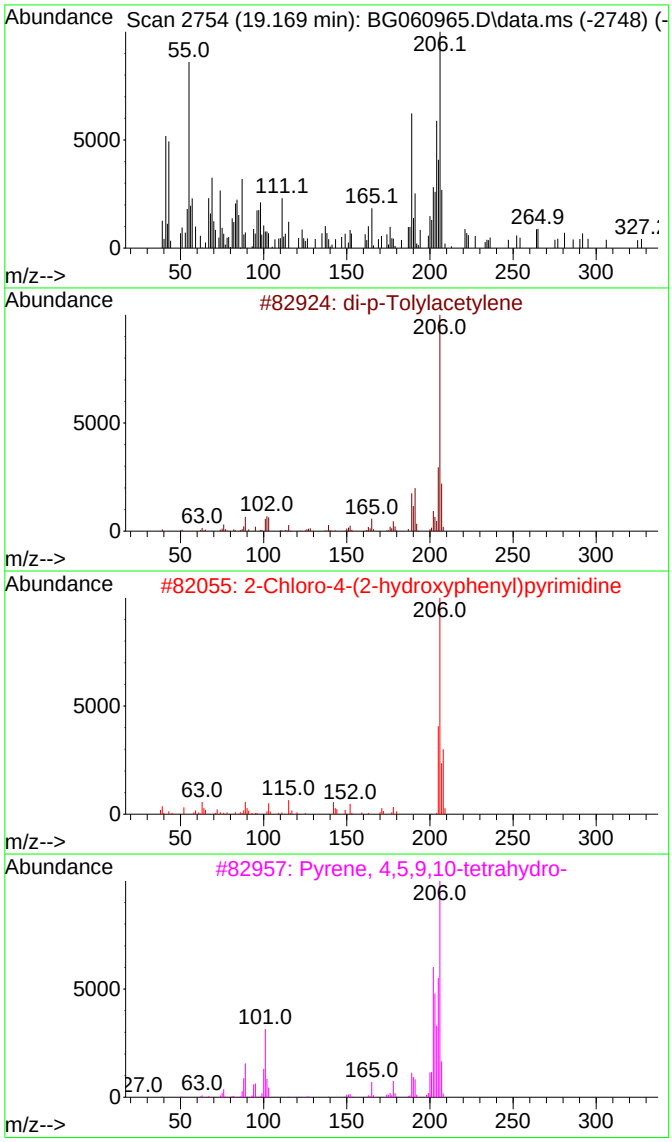
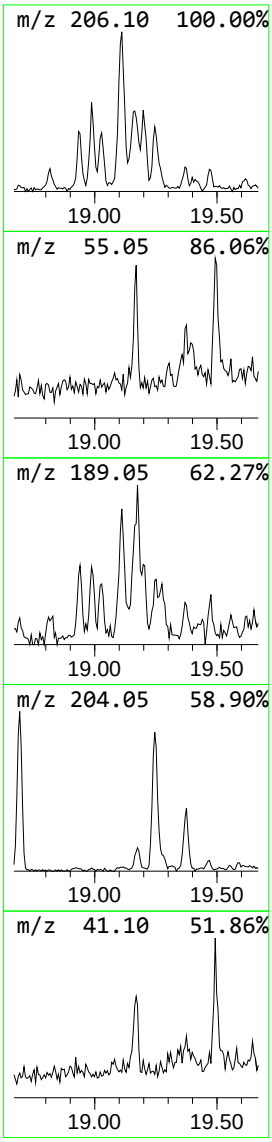
Peak Number 12 di-p-Tolylacetylene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.169	4.17 ng	106773	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	55
2	2-Chloro-4-(2-hydroxyphenyl)pyri...	206	C10H7ClN2O	071659-36-4	46
3	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	41
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	41
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	38





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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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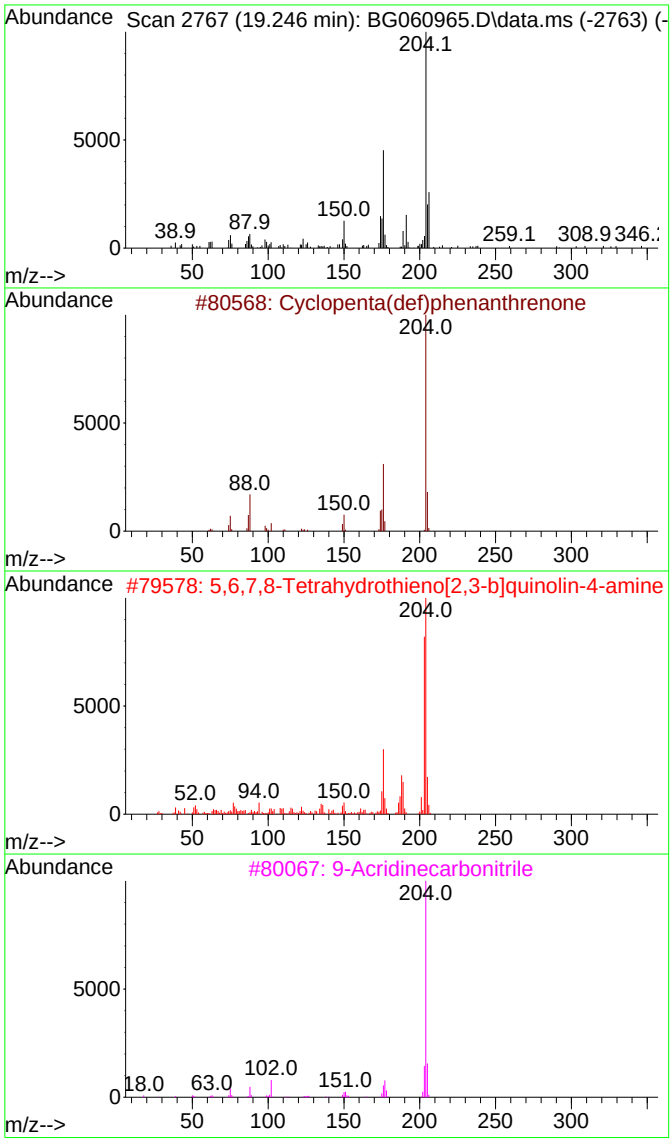
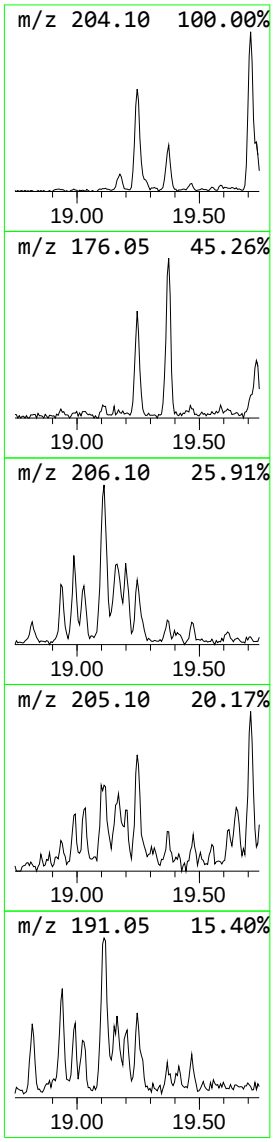
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.246	4.31 ng	110346	Phenanthrene-d10	17.318

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	83
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
3	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	47
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	43





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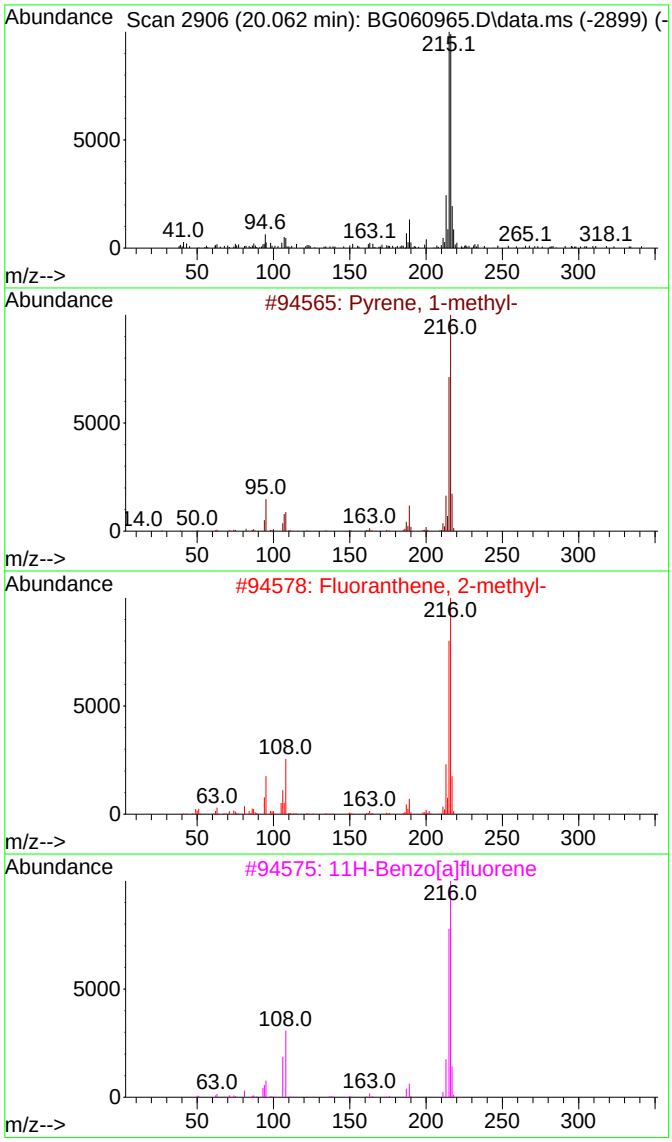
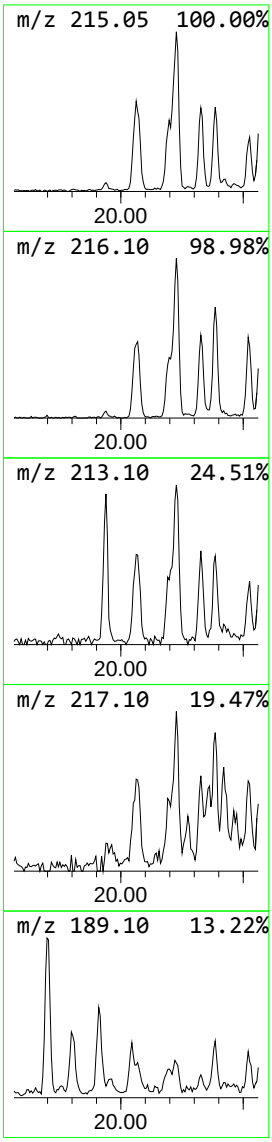
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.062	2.46 ng	223240	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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TIC Library : C:\Database\NIST20.L
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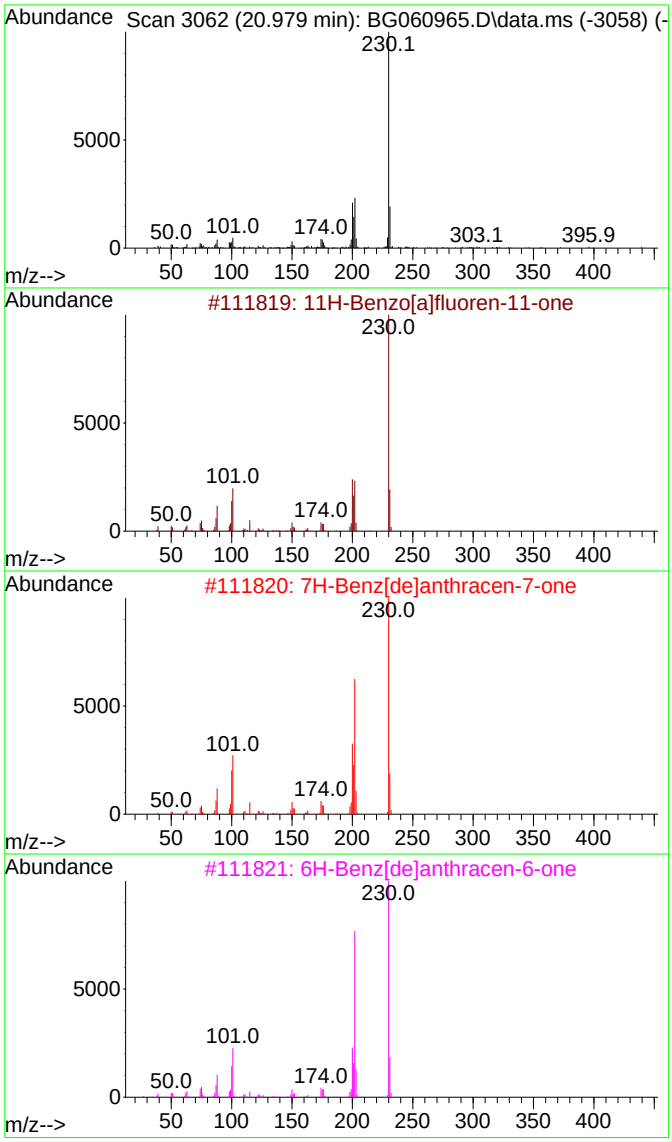
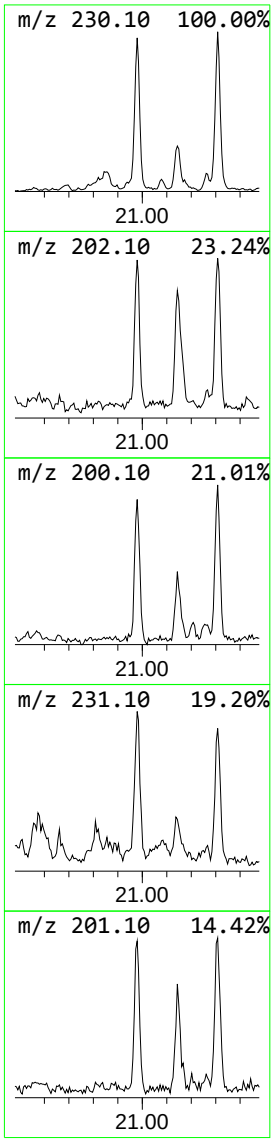
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.979	2.53 ng	229755	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	Benzo(b)phenazine	230	C16H10N2	000257-97-6	52
5	p-Terphenyl	230	C18H14	000092-94-4	50





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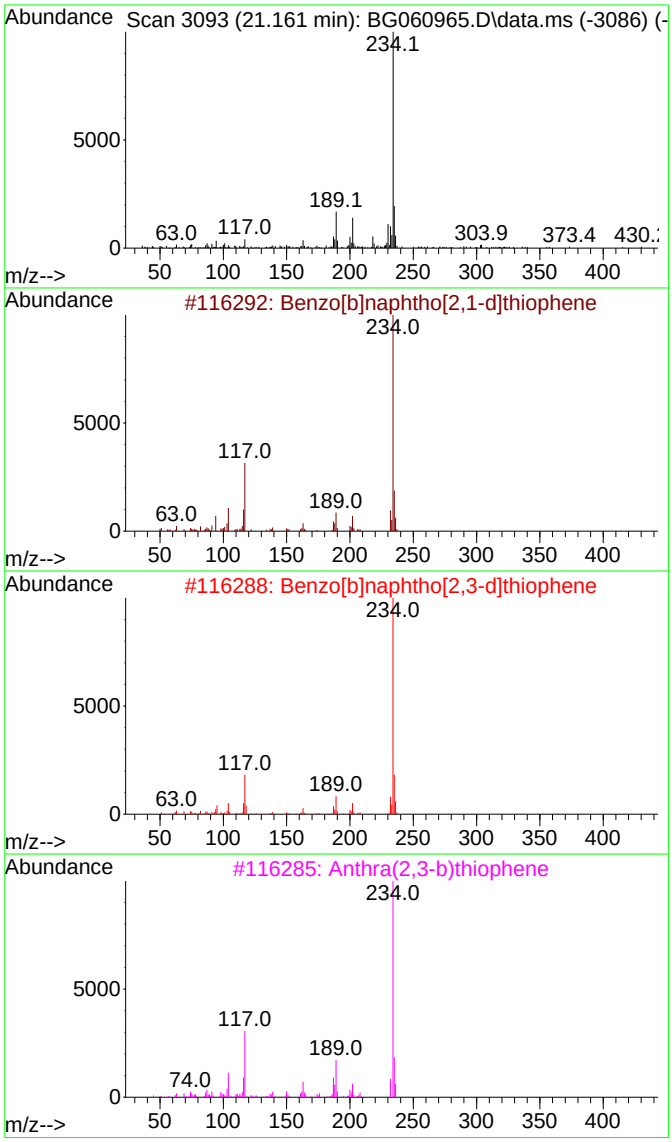
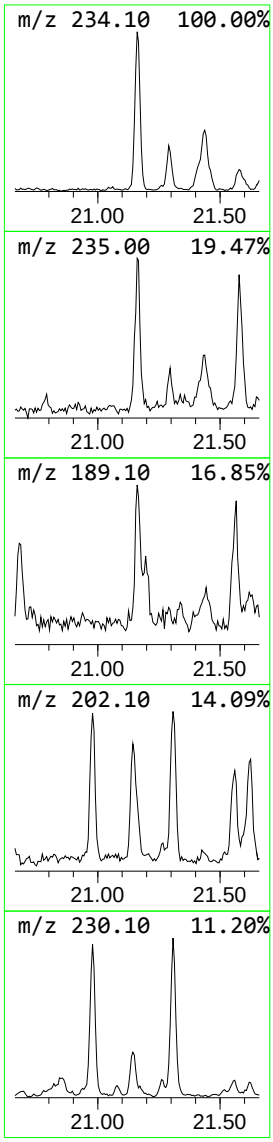
Peak Number 16 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.161	2.47 ng	224339	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	93
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	72
4	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	72
5	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	64





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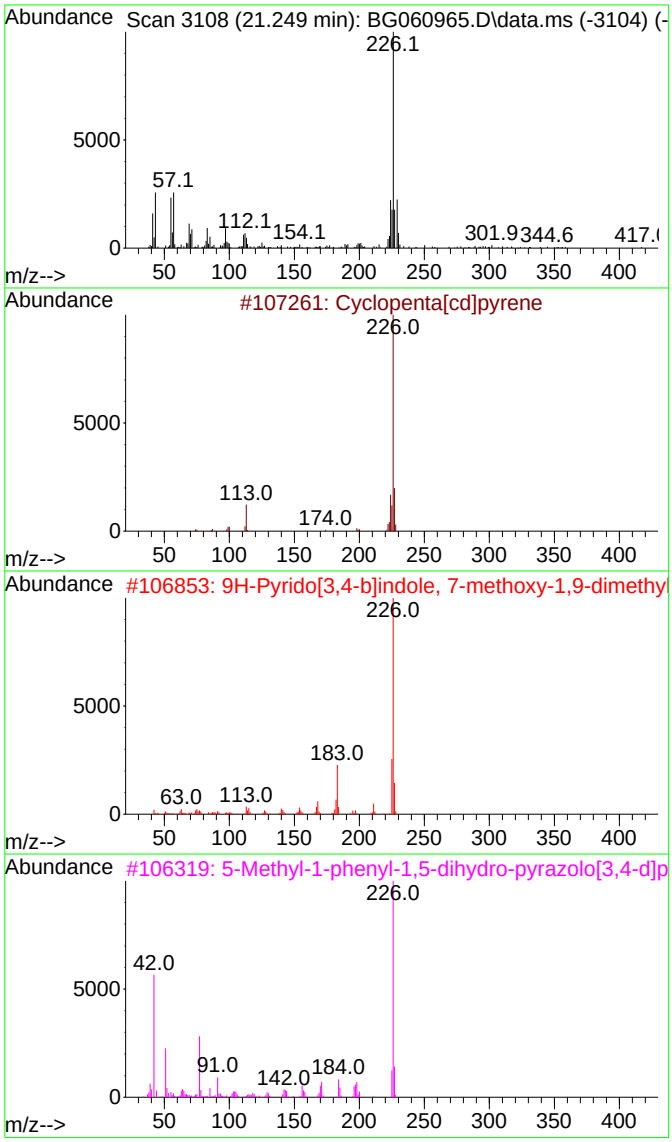
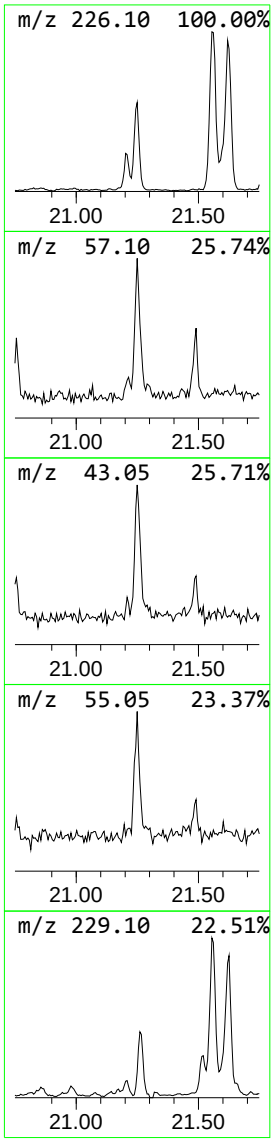
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.249	3.46 ng	313581	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	53
2	9H-Pyrido[3,4-b]indole, 7-methox...	226	C14H14N2O	143502-37-8	49
3	5-Methyl-1-phenyl-1,5-dihydro-py...	226	C12H10N4O	1000300-02-1	47
4	5(10H)-Pyrido[3,4-b]quinolone, 7...	226	C13H10N2O2	1000256-99-5	47
5	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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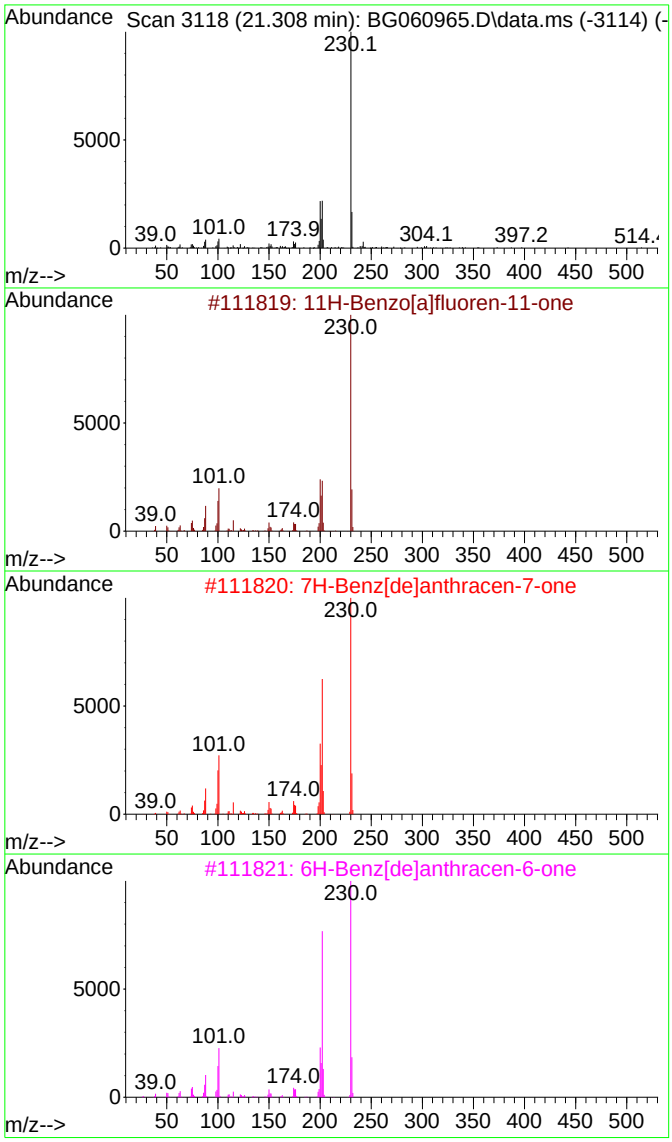
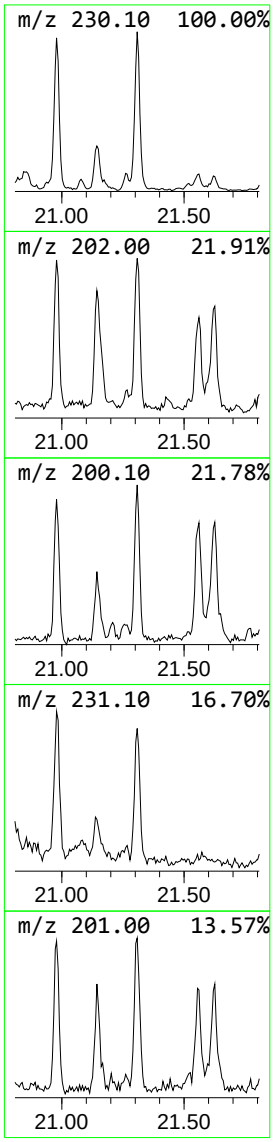
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.308	2.99 ng	271758	Chrysene-d12	21.578

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59
5	m-Terphenyl	230	C18H14	000092-06-8	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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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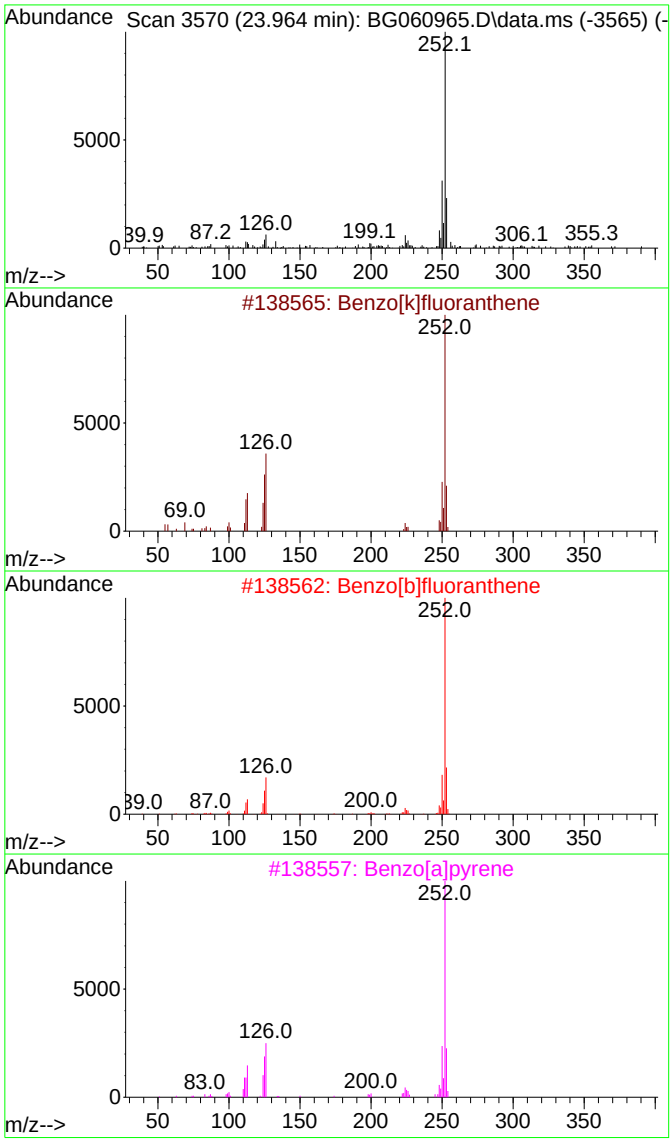
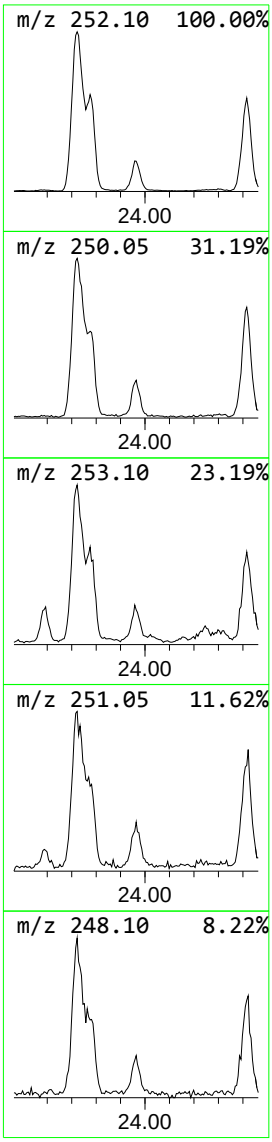
Peak Number 19 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.964	6.59 ng	160981	Perylene-d12	24.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
2	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
3	Benzo[a]pyrene	252	C20H12	000050-32-8	76
4	Benzo[e]pyrene	252	C20H12	000192-97-2	74
5	Perylene	252	C20H12	000198-55-0	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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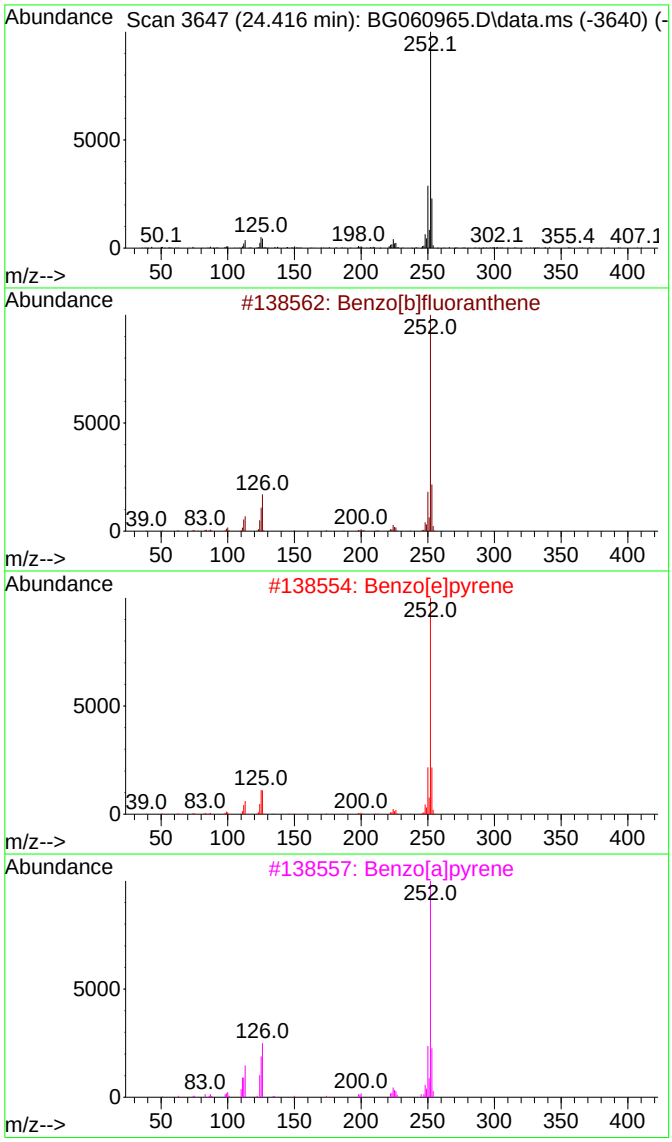
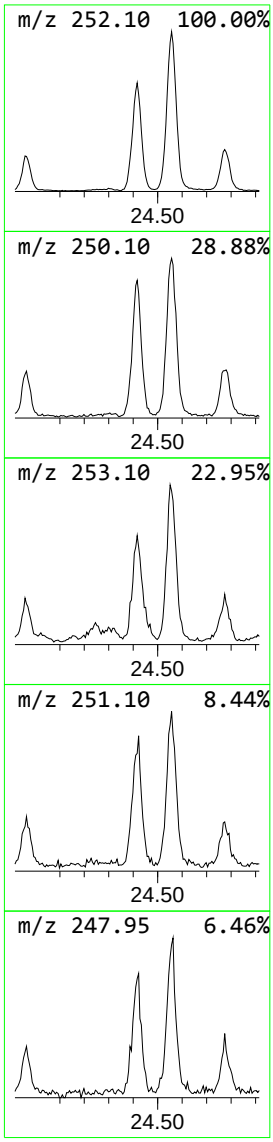
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.416	25.98 ng	634788	Perylene-d12	24.704

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
2	Benzo[e]pyrene	252	C20H12	000192-97-2	91
3	Benzo[a]pyrene	252	C20H12	000050-32-8	90
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	81





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041924\
Data File : BG060965.D
Acq On : 19 Apr 2024 18:59
Operator : MA/JU
Sample : P2126-04
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SP-1B

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG041724.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...	3.164	6.5	ng	78505	1	7.941	241640	20.0
unknown14.774	14.774	9.2	ng	186205	3	14.569	404933	20.0
unknown14.792	14.792	10.2	ng	206452	3	14.569	404933	20.0
9H-Fluoren-9-one	16.966	2.4	ng	62078	4	17.318	512452	20.0
Anthracene, 1-m...	18.194	5.9	ng	150611	4	17.318	512452	20.0
n-Hexadecanoic ...	18.223	4.0	ng	102765	4	17.318	512452	20.0
Thiophene-3-car...	18.388	9.6	ng	244797	4	17.318	512452	20.0
Phenanthrene, 9...	18.423	3.3	ng	84406	4	17.318	512452	20.0
5,16[1',2']:8,1...	18.693	4.3	ng	109845	4	17.318	512452	20.0
9,10-Anthracene...	18.729	4.3	ng	109550	4	17.318	512452	20.0
Phenanthrene, 3...	19.110	3.9	ng	98814	4	17.318	512452	20.0
di-p-Tolylacety...	19.169	4.2	ng	106773	4	17.318	512452	20.0
Cyclopenta(def)...	19.246	4.3	ng	110346	4	17.318	512452	20.0
Pyrene, 1-methyl-	20.062	2.5	ng	223240	5	21.578	1814770	20.0
11H-Benzo[a]flu...	20.979	2.5	ng	229755	5	21.578	1814770	20.0
Benzo[b]naphtho...	21.161	2.5	ng	224339	5	21.578	1814770	20.0
Cyclopenta[cd]p...	21.249	3.5	ng	313581	5	21.578	1814770	20.0
7H-Benz[de]anth...	21.308	3.0	ng	271758	5	21.578	1814770	20.0
Benzo[e]pyrene	23.964	6.6	ng	160981	6	24.704	488718	20.0
Benzo[j]fluoran...	24.416	26.0	ng	634788	6	24.704	488718	20.0