LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-346

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060864.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.170	26	31	37	rBV	49542	72767	1.46%	0.119%
2	3.682	112	118	131	rBV	36731	63435	1.27%	0.103%
3	5.532	426	433	444	rBV	811339	1250896	25.02%	2.040%
4	7.113	694	702	711	rBV	860561	1450393	29.01%	2.365%
5	7.947	838	844	851	rBV	246719	401660	8.03%	0.655%
6	9.099	1032	1040	1047	rBV	534426	922622	18.45%	1.505%
7	10.744	1312	1320	1326	rBV	321860	568505	11.37%	0.927%
8	13.200	1730	1738	1747	rBV	1339046	2052909	41.06%	3.348%
9	13.746	1822	1831	1837	rBV7	22208	57921	1.16%	0.094%
10	13.899	1851	1857	1862	rBV2	45953	80222	1.60%	0.131%
11	14.299	1919	1925	1938	rBV2	104355	234490	4.69%	0.382%
12	14.575	1963	1972	1978	rBV	509859	827900	16.56%	1.350%
13	14.639	1978	1983	1991	rVB	68533	116398	2.33%	0.190%
14	14.798	2001	2010	2017	rBV3	34335	91421	1.83%	0.149%
15	14.974	2034	2040	2048	rVB	107294	183610	3.67%	0.299%
16	15.192	2070	2077	2082	rBV4	28881	61208	1.22%	0.100%
17	15.626	2144	2151	2156	rBV	226921	354347	7.09%	0.578%
18	15.920	2196	2201	2211	rVB	79809	142159	2.84%	0.232%
19	16.061	2219	2225	2234	rVB2	1215245	1939330	38.79%	3.163%
20	16.302	2259	2266	2270	rBV4	42978	85383	1.71%	0.139%
21	16.631	2311	2322	2326	rBV3	70471	158520	3.17%	0.259%
22	16.678	2327	2330	2336	rVB3	42774	55208	1.10%	0.090%
23	16.778	2343	2347	2352	rVB2	32955	55605	1.11%	0.091%
24	16.860	2352	2361	2365	rBV3	48492	94715	1.89%	0.154%
25	16.972	2376	2380	2388	rVB2	103738	172572	3.45%	0.281%
26	17.054	2390	2394	2400	rVV2	46258	95503	1.91%	0.156%
27	17.142	2404	2409	2418	rVB2	96152	175671	3.51%	0.286%
28	17.324	2434	2440	2443	rBV	654688	977012	19.54%	1.593%
29	17.366	2443	2447	2454	rVV	1981085	3024778	60.50%	4.933%
30	17.454	2454	2462	2468	rVV	344891	560781	11.22%	0.914%
31	17.512	2468	2472	2478	rVB4	51584	99817	2.00%	0.163%
32	17.718	2499	2507	2512	rVV2	166240	303855	6.08%	0.496%
33	17.847	2525	2529	2534	rVV2	82782	132295	2.65%	0.216%
34	17.906	2535	2539	2548	rVB2	72235	129479	2.59%	0.211%
35	18.047	2560	2563	2569	rVB	34719	60544	1.21%	0.099%
36	18.200	2584	2589	2592	rVV	320995	488915	9.78%	0.797%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : ETGI-346

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.247	2592	2597	2605	rVB2	471323	1014748	20.30%	1.655%
38	18.329	2607	2611	2616	rVB	106910	161874	3.24%	0.264%
39	18.394	2616	2622	2626	rBV2	572587	1007267	20.15%	1.643%
40	18.429	2626	2628	2635	rVB	238460	332970	6.66%	0.543%
41	18.541	2638	2647	2651	rBV5	48843	108607	2.17%	0.177%
42	18.664	2665	2668	2671	rBV3	56730	69058	1.38%	0.113%
43	18.699	2671	2674	2677	rVV	231341	317156	6.34%	0.517%
44	18.735	2677	2680	2687	rVB2	212207	321498	6.43%	0.524%
45	18.946	2713	2716	2720	rVB2	75034	85303	1.71%	0.139%
46	18.999	2721	2725	2728	rVB	74742	84885	1.70%	0.138%
47	19.034	2728	2731	2736	rVB2	70659	99779	2.00%	0.163%
48	19.122	2740	2746	2750	rBV	195948	325758	6.52%	0.531%
49	19.181	2750	2756	2759	rVV3	118896	249927	5.00%	0.408%
50	19.210	2759	2761	2764	rVV2	73431	82077	1.64%	0.134%
51	19.257	2764	2769	2778	rVB2	186713	339246	6.79%	0.553%
52	19.387	2784	2791	2796	rBV	3311405	4999769	100.00%	8.153%
53	19.445	2797	2801	2804	rBV2	85383	131085	2.62%	0.214%
54	19.475	2804	2806	2809	rVV2	70524	90258	1.81%	0.147%
55	19.528	2809	2815	2819	rVB2	187710	373059	7.46%	0.608%
56	19.575	2820	2823	2826	rVV	48036	59798	1.20%	0.098%
57	19.622	2828	2831	2834	rVB	71961	85556	1.71%	0.140%
58	19.745	2847	2852	2859	rVB	2850247	4272149	85.45%	6.967%
59	19.816	2859	2864	2870	rVB2	161392	296306	5.93%	0.483%
60	19.945	2877	2886	2891	rBV	2236178	3468610	69.38%	5.656%
61	20.074	2900	2908	2913	rBV3	259073	701489	14.03%	1.144%
62	20.203	2925	2930	2931	rBV3	195405	273390	5.47%	0.446%
63	20.233	2932	2935	2940	rVB	570489	835200	16.70%	1.362%
64	20.280	2940	2943	2946	rBV2	76010	85218	1.70%	0.139%
65	20.339	2948	2953	2957	rBV	406819	578208	11.56%	0.943%
66	20.391	2957	2962	2967	rVB2	320339	532779	10.66%	0.869%
67	20.532	2982	2986	2990	rBV	190297	254755	5.10%	0.415%
68	20.579	2990	2994	2998	rVV	198587	293739	5.88%	0.479%
69	20.991	3060	3064	3071	rVB	310082	504780	10.10%	0.823%
70	21.173	3088	3095	3099	rBV2	248038	535451	10.71%	0.873%
71	21.214	3099	3102	3106	rVV	297707	441855	8.84%	0.721%
72	21.261	3106	3110	3115	rVV4	424088	803357	16.07%	1.310%
73	21.320	3116	3120	3129	rVB	350766	605718	12.11%	0.988%
74	21.572	3157	3163	3170	rBV2	1860724	4110743	82.22%	6.703%
75	21.637	3170	3174	3186	rVB	1413600	2447387	48.95%	3.991%
76	21.784	3195	3199	3201	rBV2	117174	176176	3.52%	0.287%

LSC Area Percent Report

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Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.984	3228	3233	3240	rBV2	200785	430405	8.61%	0.702%
78	22.565	3329	3332	3336	rBV	125958	189326	3.79%	0.309%
79	23.740	3523	3532	3539	rBV	950346	3306402	66.13%	5.392%
80	23.981	3569	3573	3582	rVB	258882	614717	12.29%	1.002%
81	24.434	3643	3650	3664	rVB2	569114	1640230	32.81%	2.675%
82	24.581	3667	3675	3689	rVB	886652	2457688	49.16%	4.008%
83	24.728	3692	3700	3706	rVV	405229	1142541	22.85%	1.863%
84	24.798	3708	3712	3728	rVB3	249710	778098	15.56%	1.269%
85	28.288	4296	4306	4325	rVB3	347098	1663159	33.26%	2.712%

Sum of corrected areas: 61322400

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
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Sample : P2067-01
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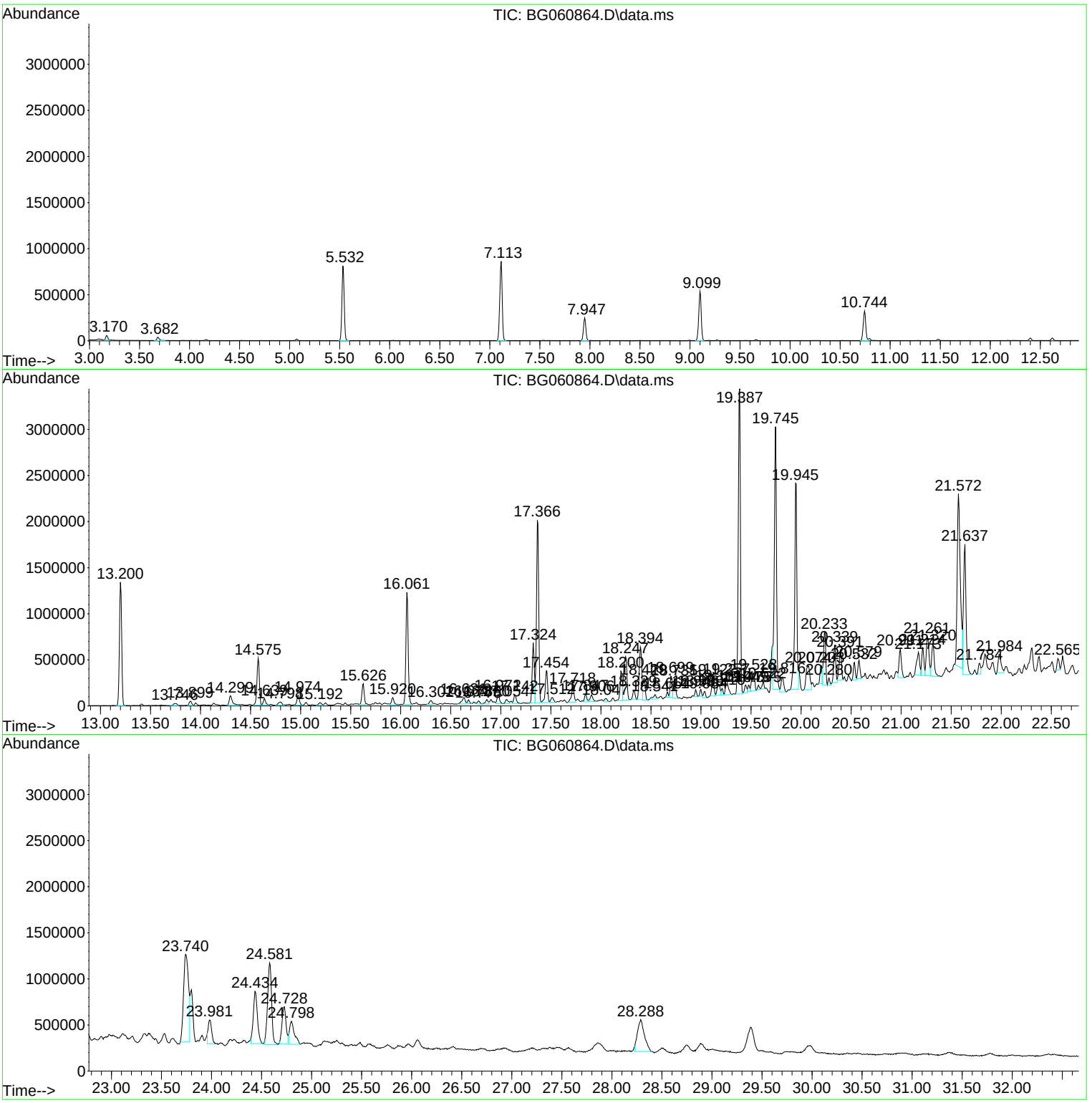
Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

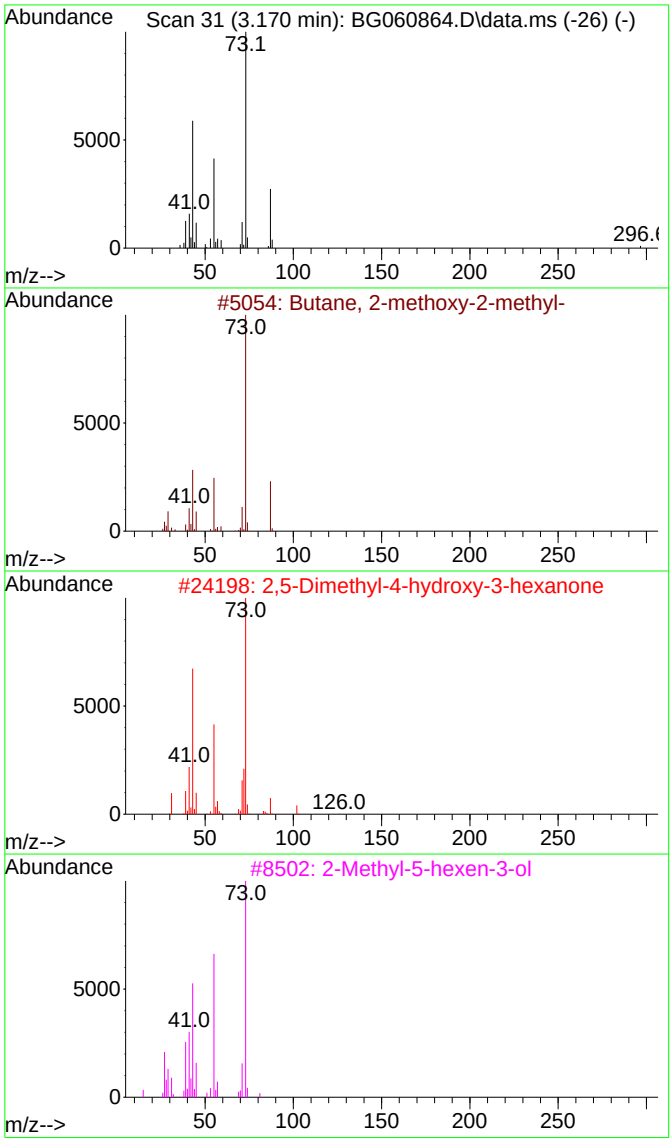
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

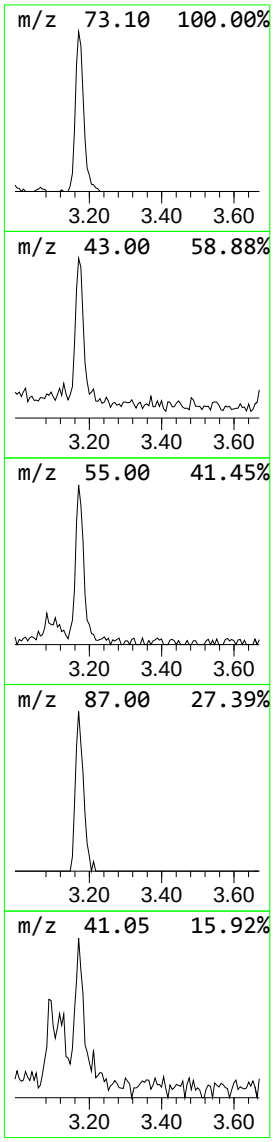
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.170	3.62 ng	72767	1,4-Dichlorobenzene-d4	7.947

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	72
2	2,5-Dimethyl-4-hydroxy-3-hexanone	144	C8H16O2	000815-77-0	40
3	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	37
5	3,4-Hexanediol, 2,5-dimethyl-	146	C8H18O2	022607-11-0	23





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

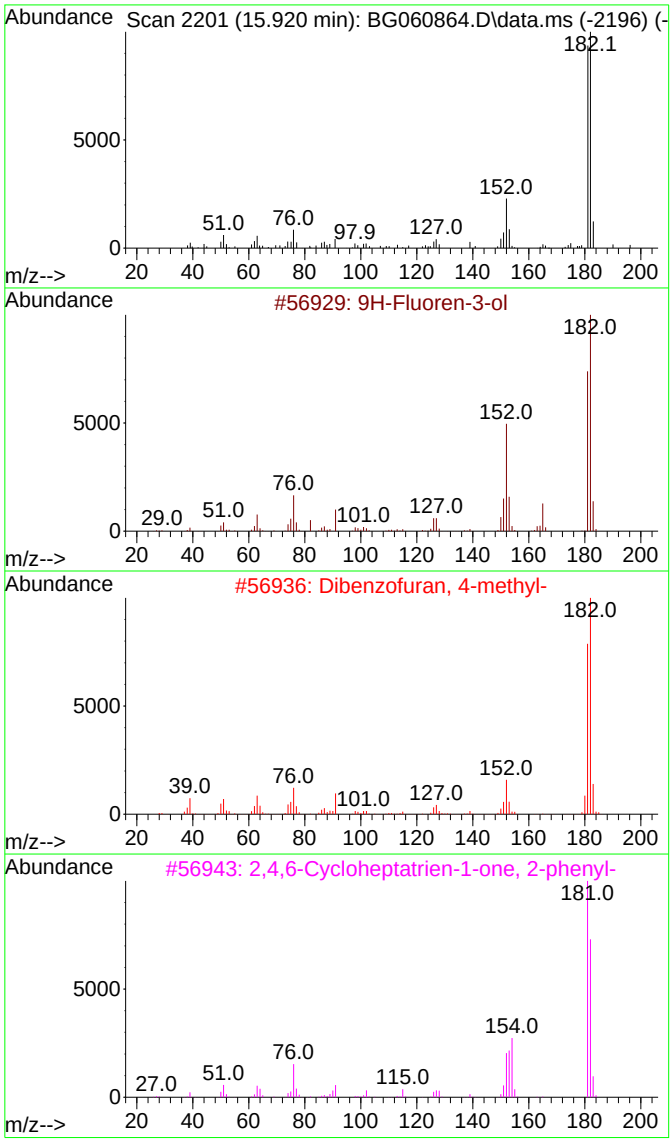
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

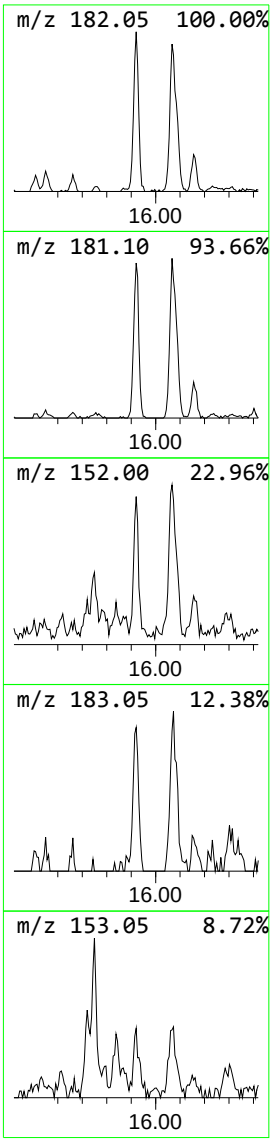
****

Peak Number 2 9H-Fluoren-3-ol Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.920	3.43 ng	142159	Acenaphthene-d10	14.575

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
3	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	86
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	74
5	8-Methyl-5H-pyrido[4,3-b]indole	182	C12H10N2	088894-13-7	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
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Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

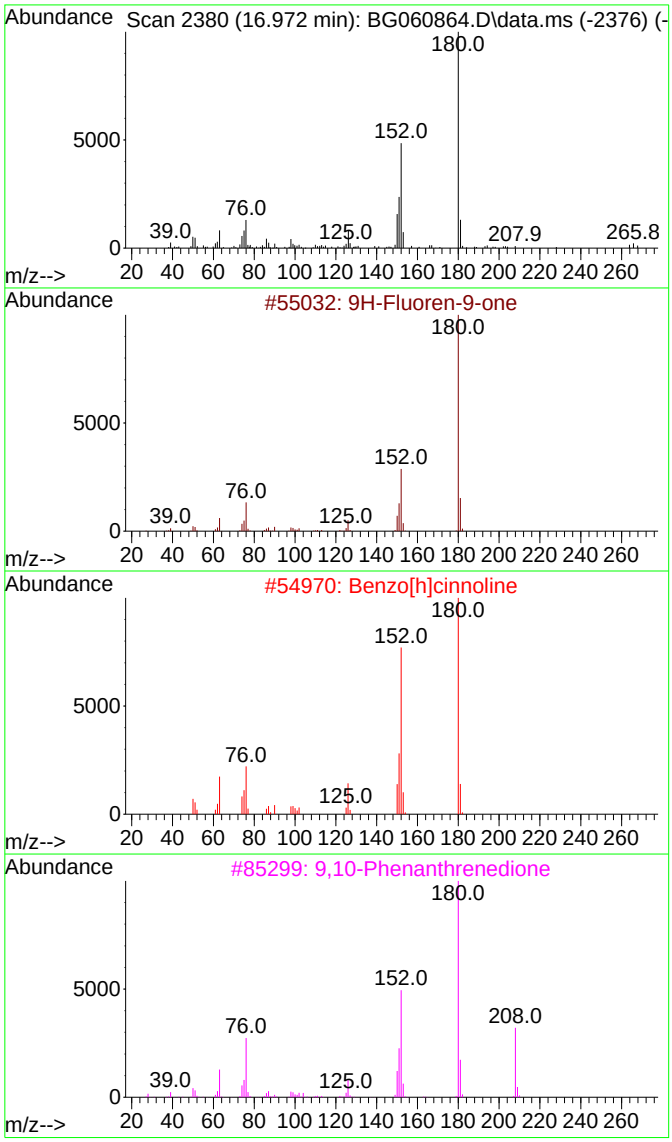
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

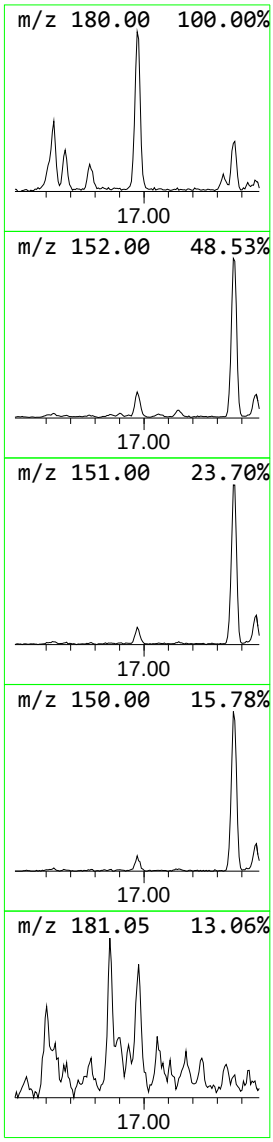
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.972	3.53 ng	172572	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	72
4	Diphenic anhydride	224	C14H8O3	006050-13-1	58
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	58





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

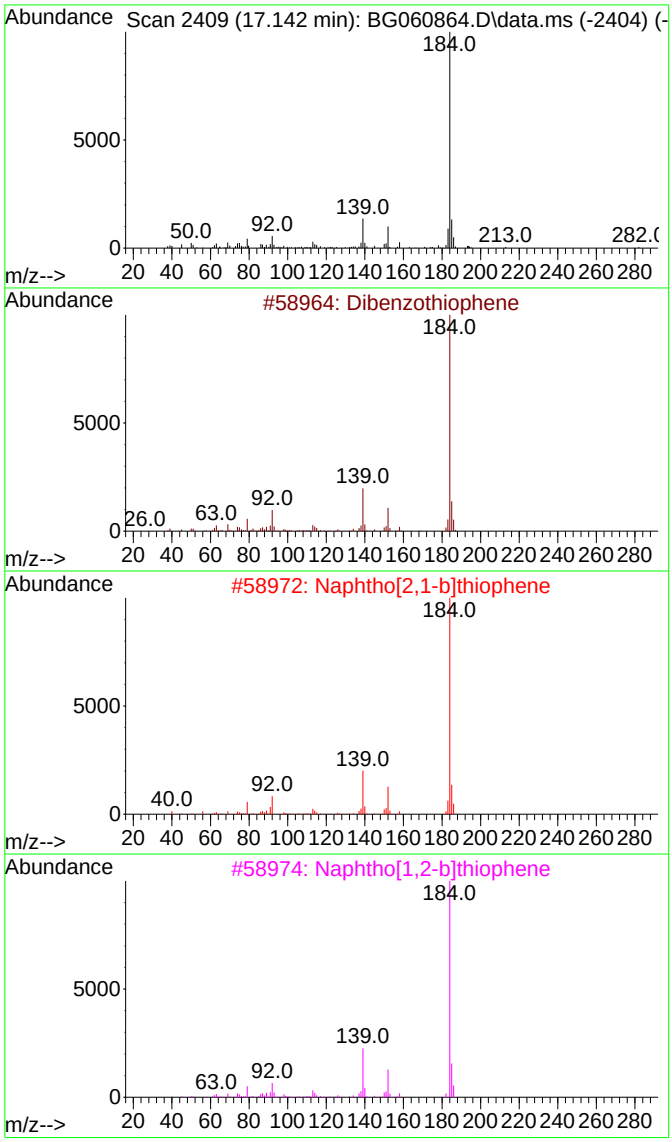
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

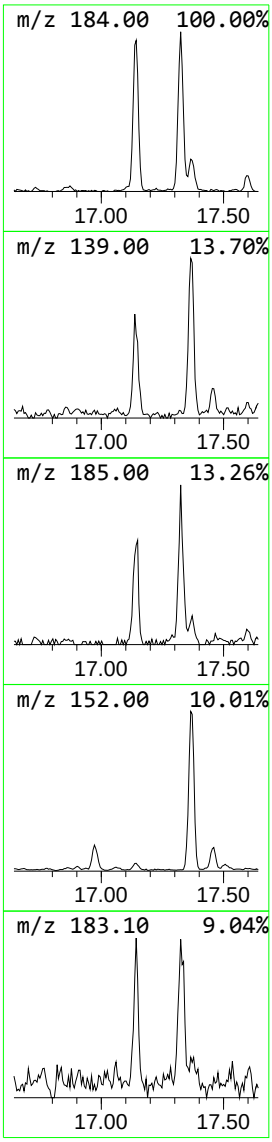
****

Peak Number 4 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.142	3.60 ng	175671	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

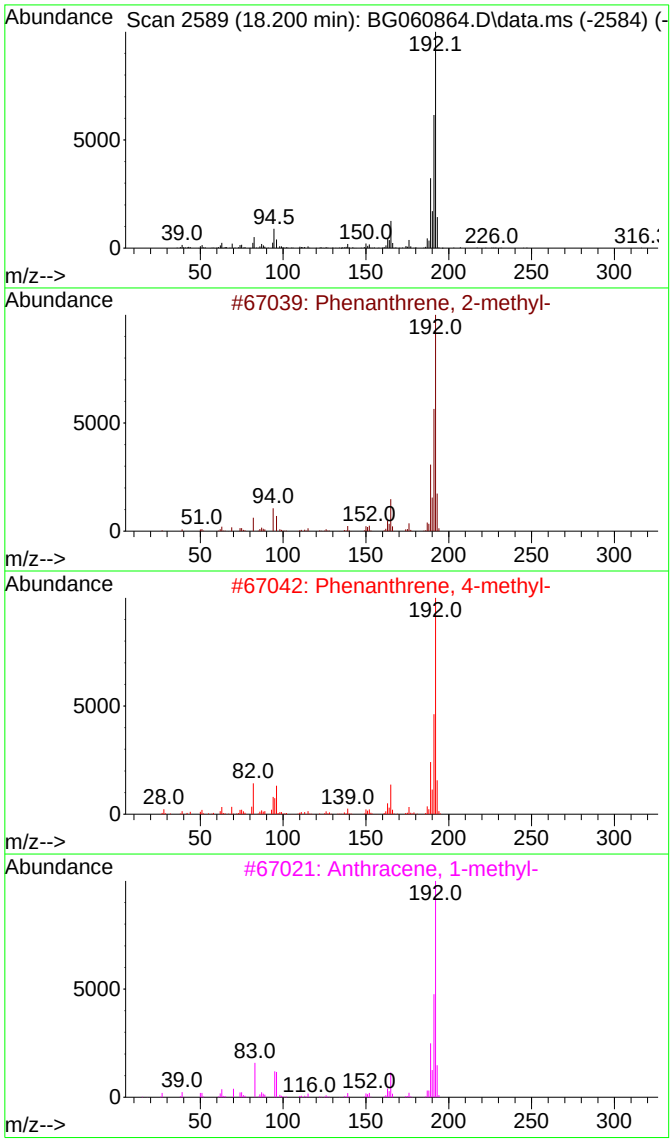
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

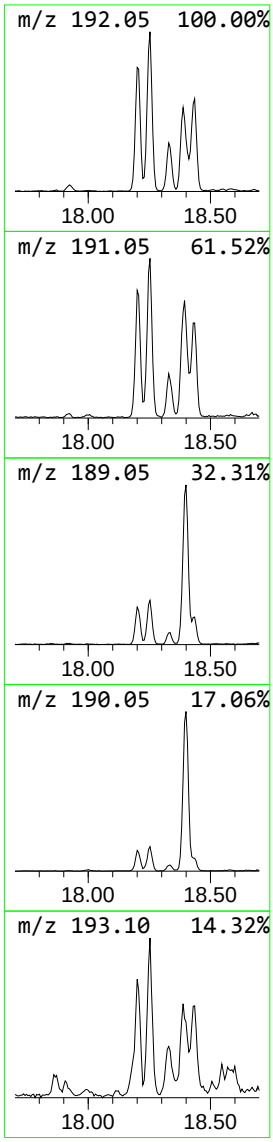
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.200	10.01 ng	488915	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

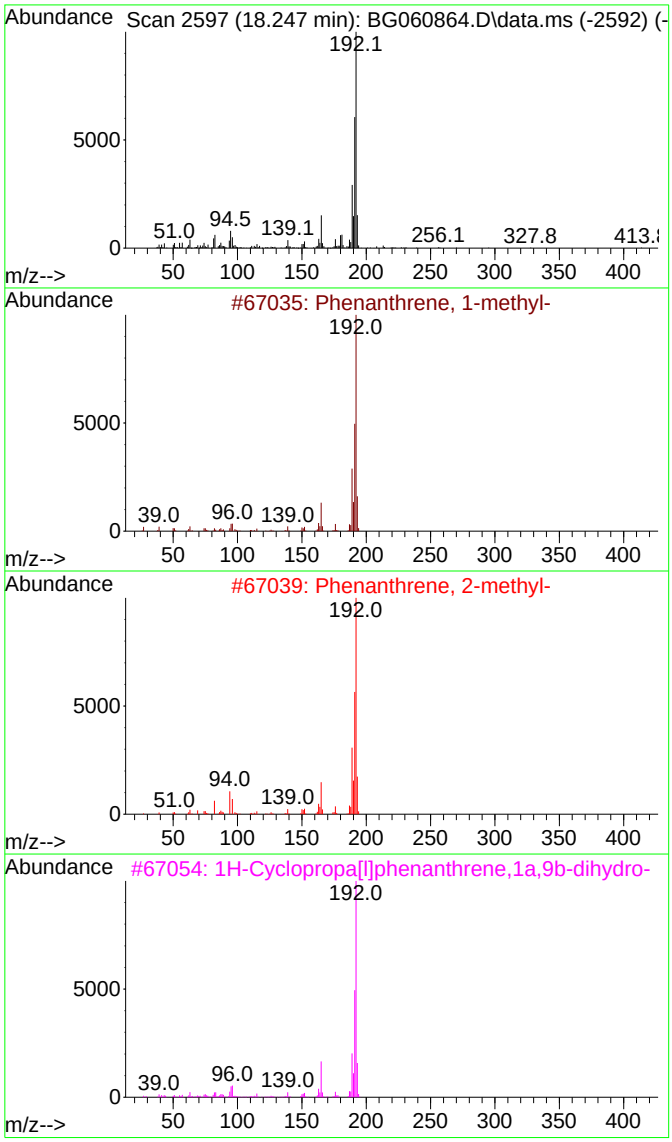
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

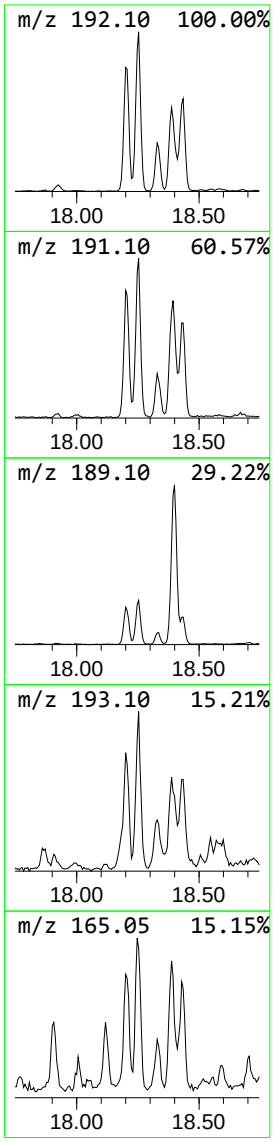
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.247	20.77 ng	1014750	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

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ClientSampleId :
ETGI-346

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

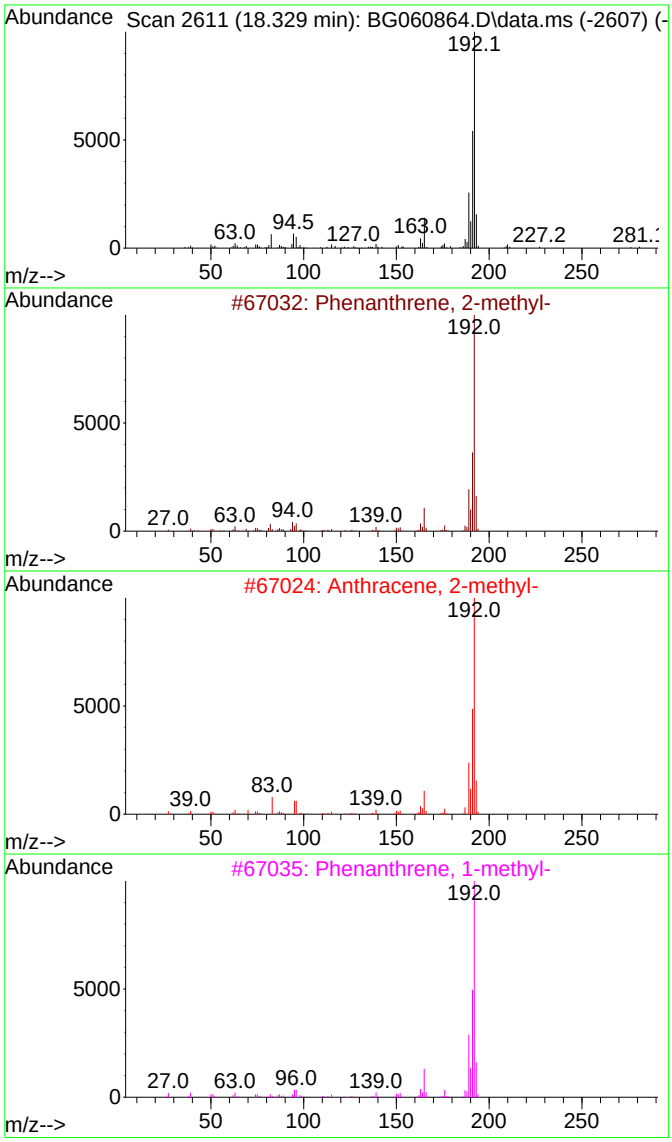
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

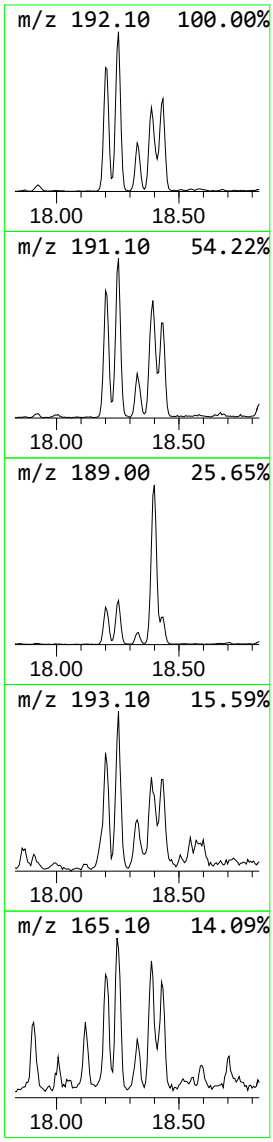
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.329	3.31 ng	161874	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Misc :
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Instrument :
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ClientSampleId :
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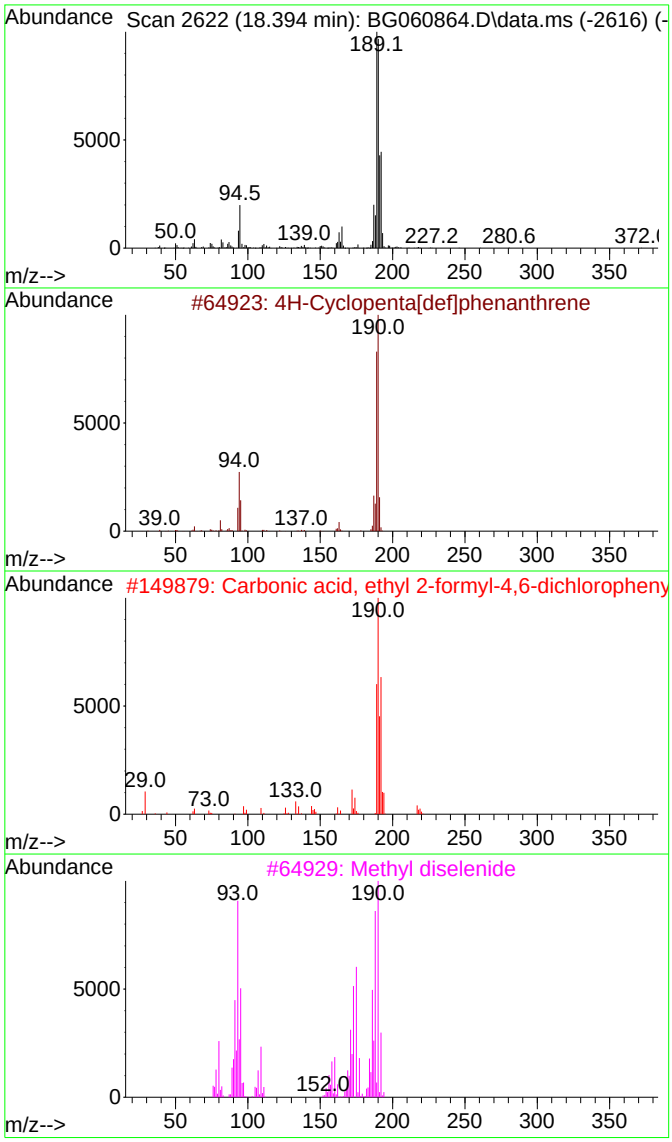
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

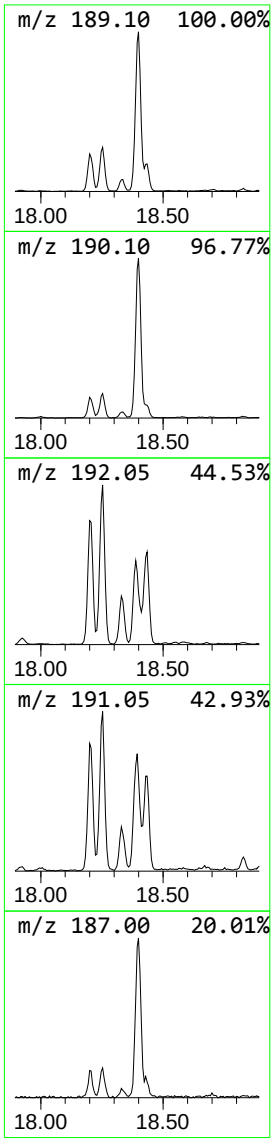
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.394	20.62 ng	1007270	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	62
2	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	41
4	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38





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Sample : P2067-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

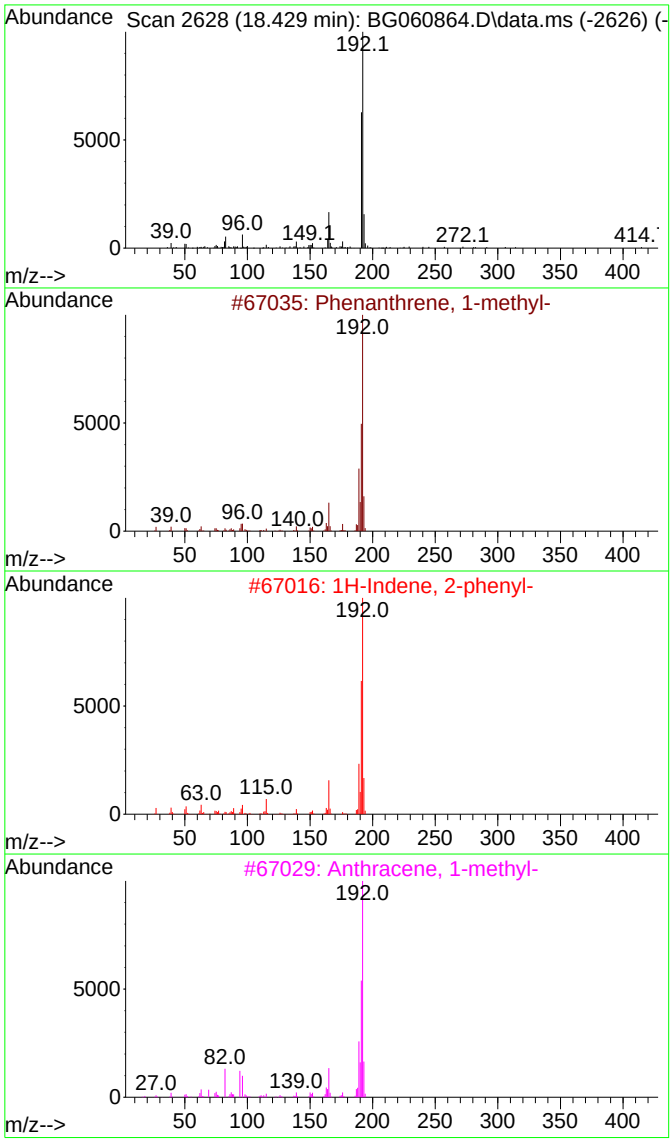
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

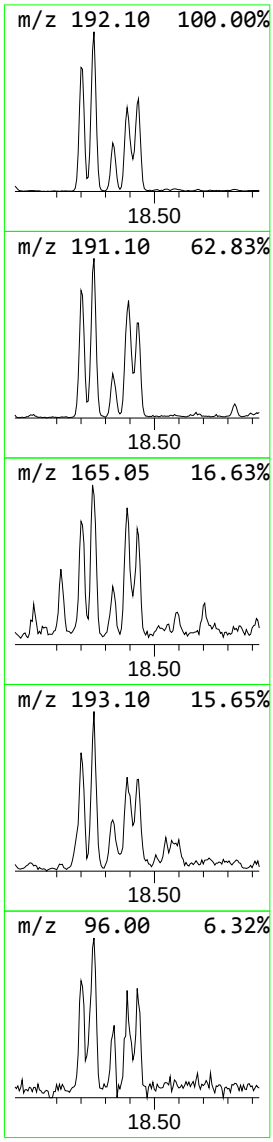
****

Peak Number 9 1H-Indene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.429	6.82 ng	332970	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Sample : P2067-01
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Instrument :
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ClientSampleId :
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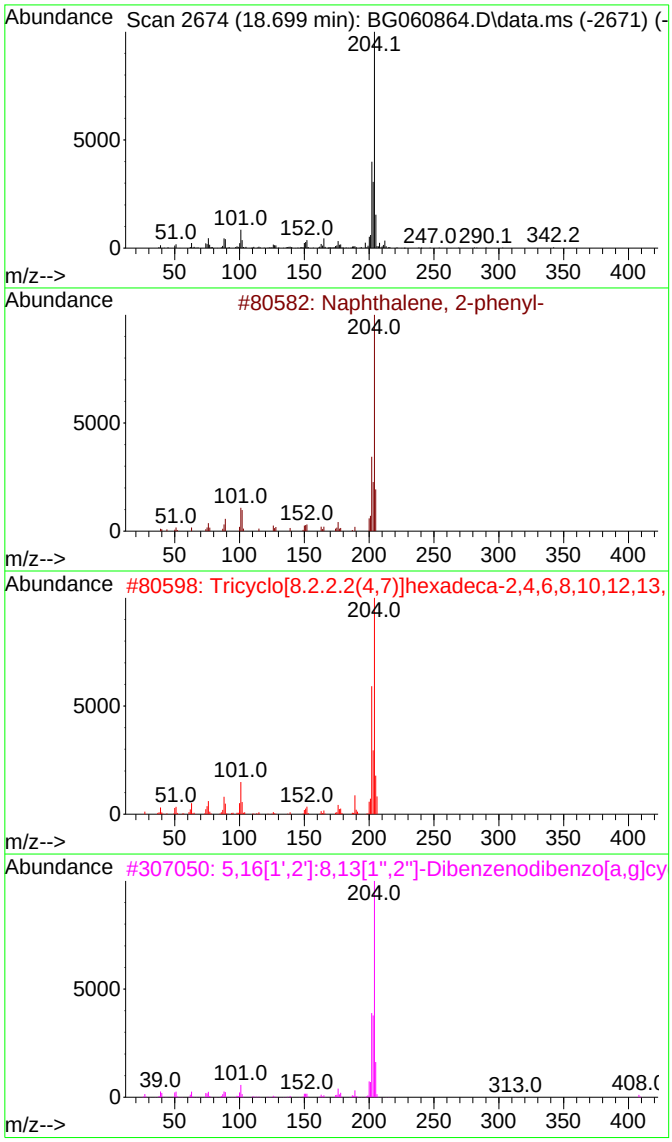
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

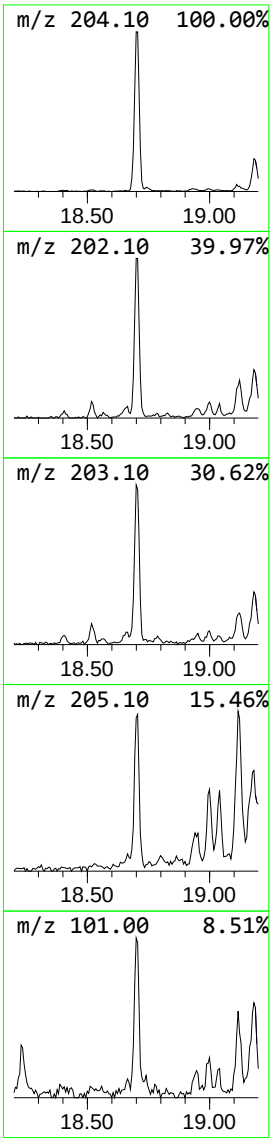
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.699	6.49 ng	317156	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	49
5	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	49





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Sample : P2067-01
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

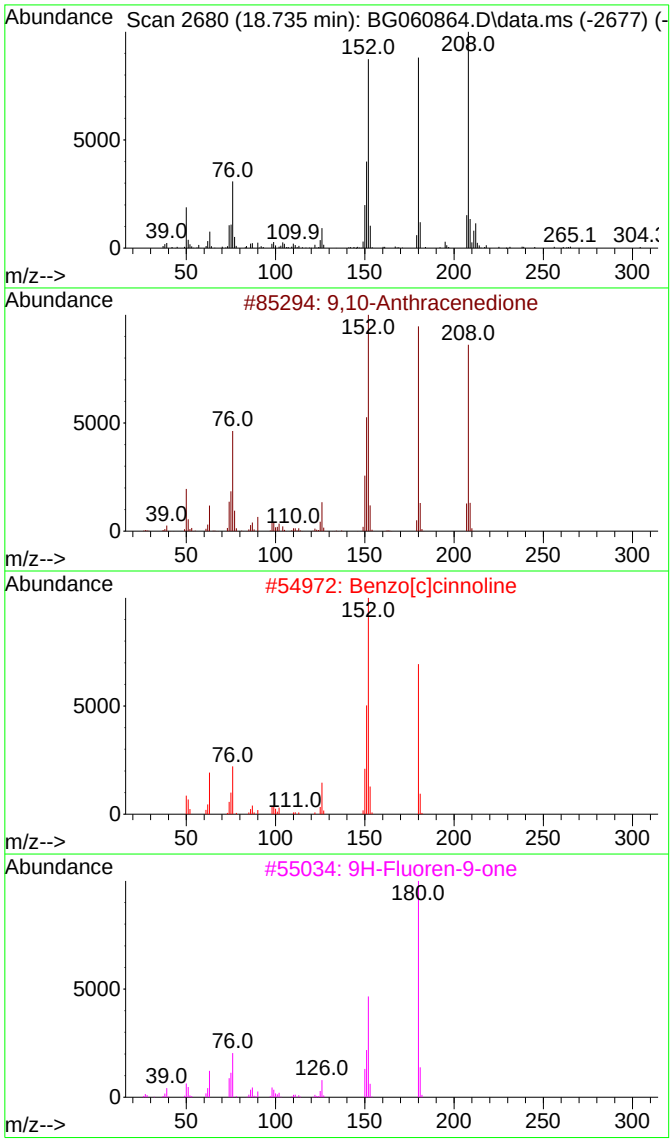
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

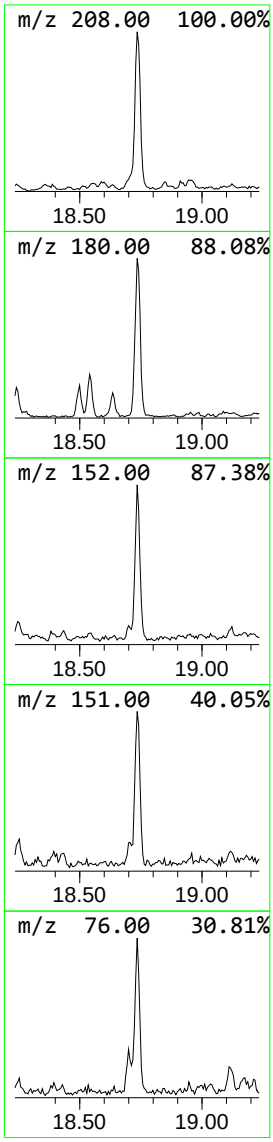
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.735	6.58 ng	321498	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	62
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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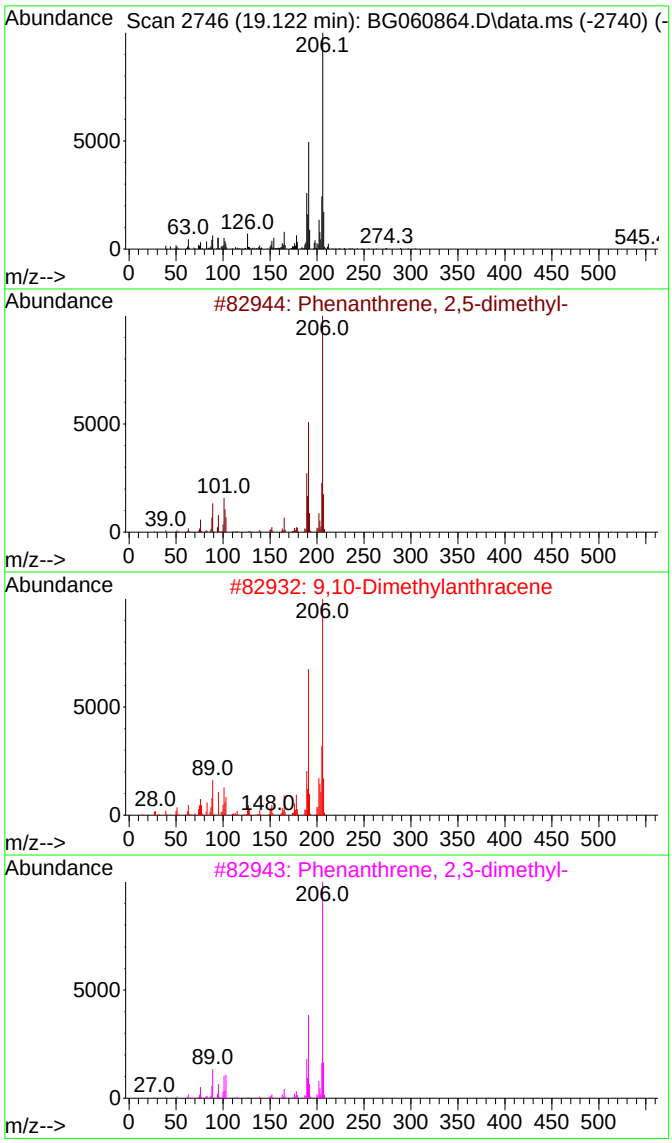
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

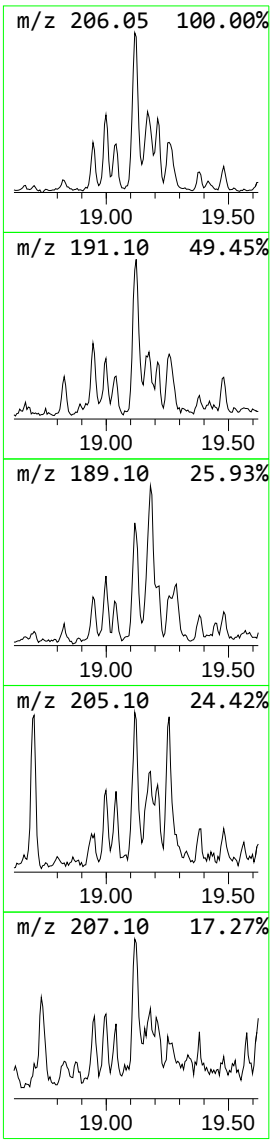
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.122	6.67 ng	325758	Phenanthrene-d10	17.324

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	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	83





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Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

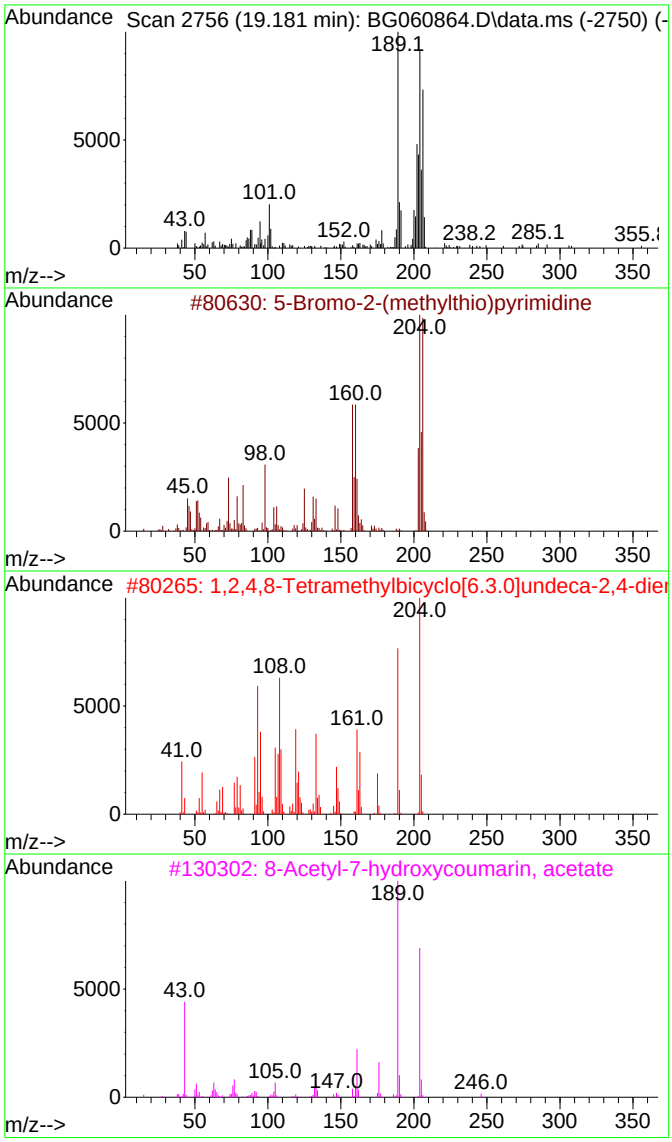
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

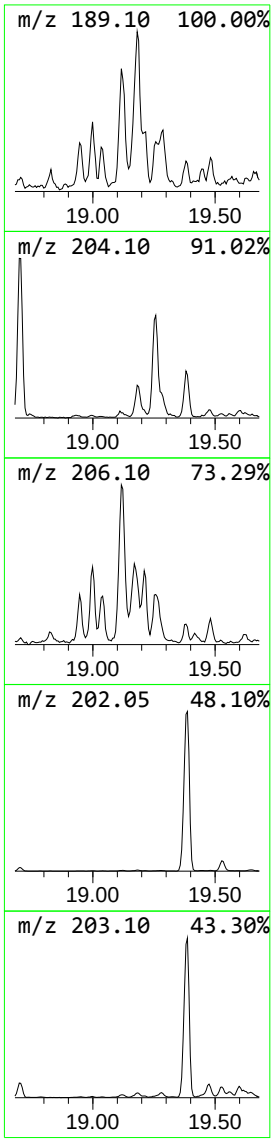
****

Peak Number 13 unknown19.181 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.181	5.12 ng	249927	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Bromo-2-(methylthio)pyrimidine	204	C5H5BrN2S	014001-67-3	43
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	38
3	8-Acetyl-7-hydroxycoumarin, acetate	246	C13H10O5	859324-41-7	35
4	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	30
5	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	30





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Misc :
ALS Vial : 9 Sample Multiplier: 1

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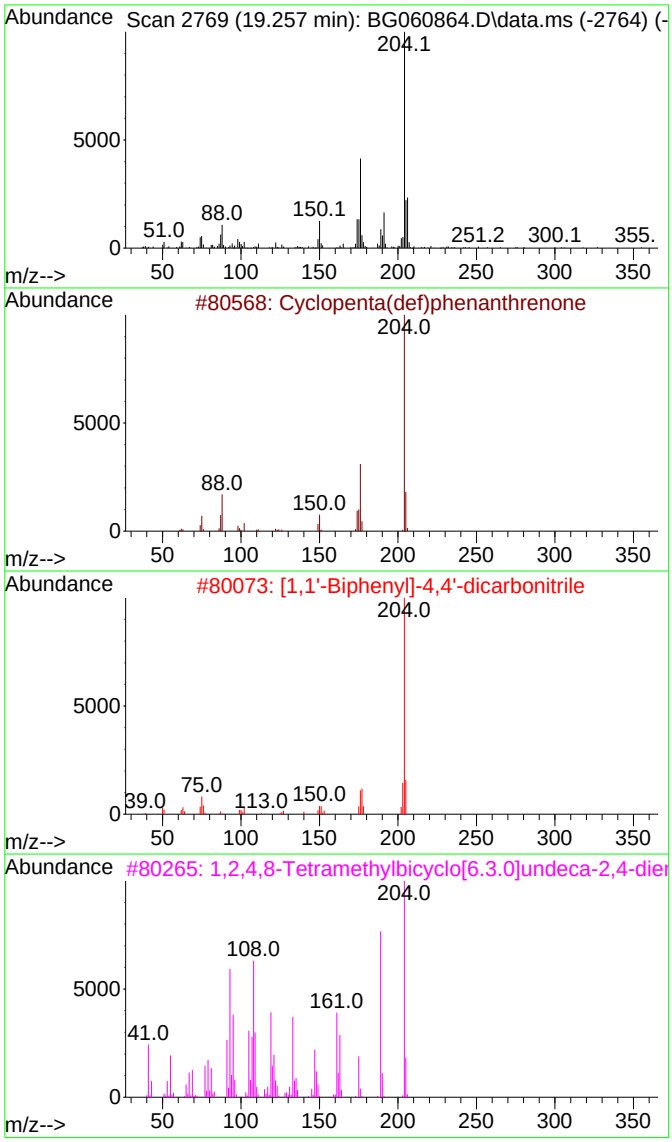
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

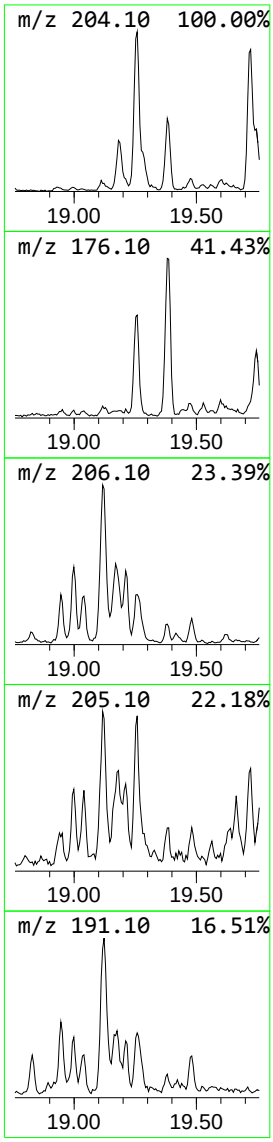
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.257	6.94 ng	339246	Phenanthrene-d10	17.324

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	81
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	50
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
5	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43





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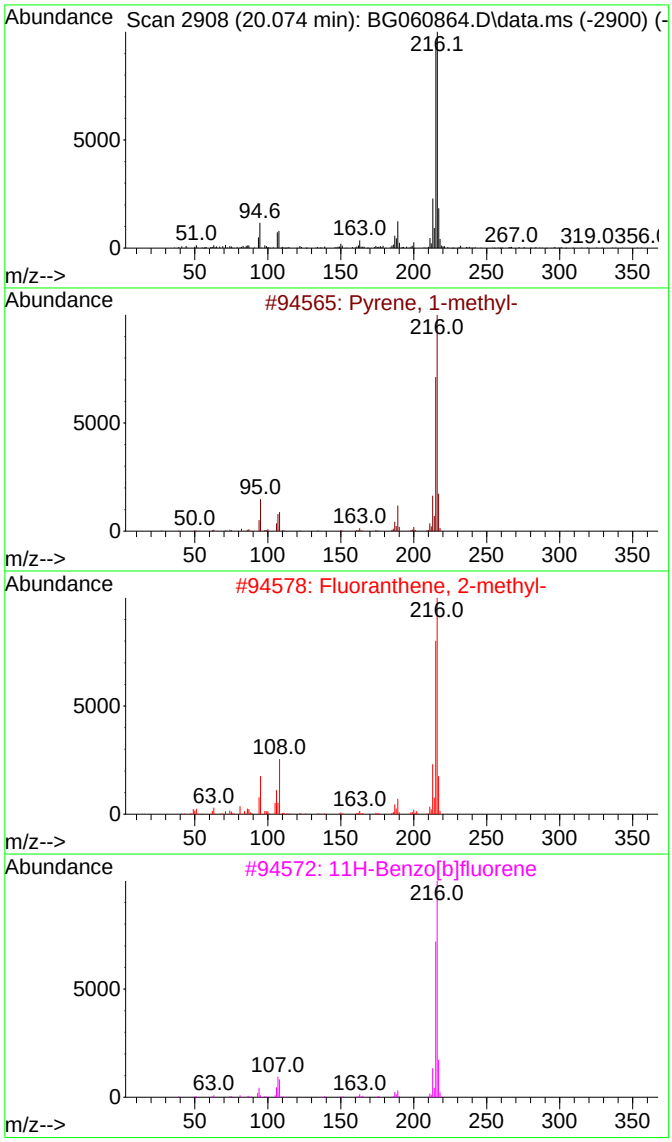
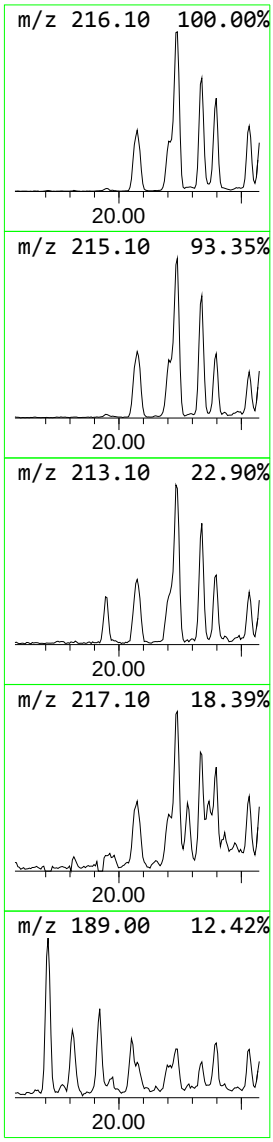
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.074	3.41 ng	701489	Chrysene-d12	21.590

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89





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ALS Vial : 9 Sample Multiplier: 1

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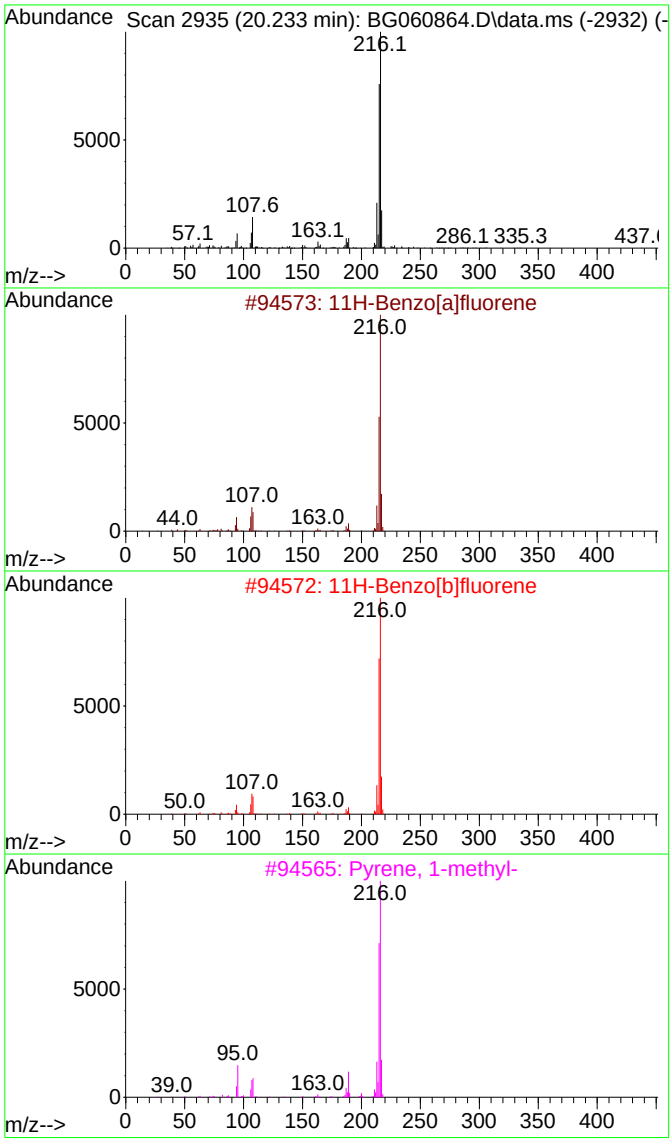
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

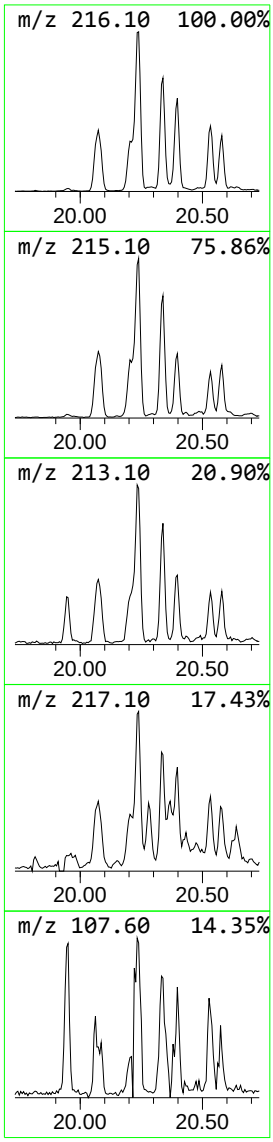
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	4.06 ng	835200	Chrysene-d12	21.590

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	64





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TIC Library : C:\Database\NIST20.L
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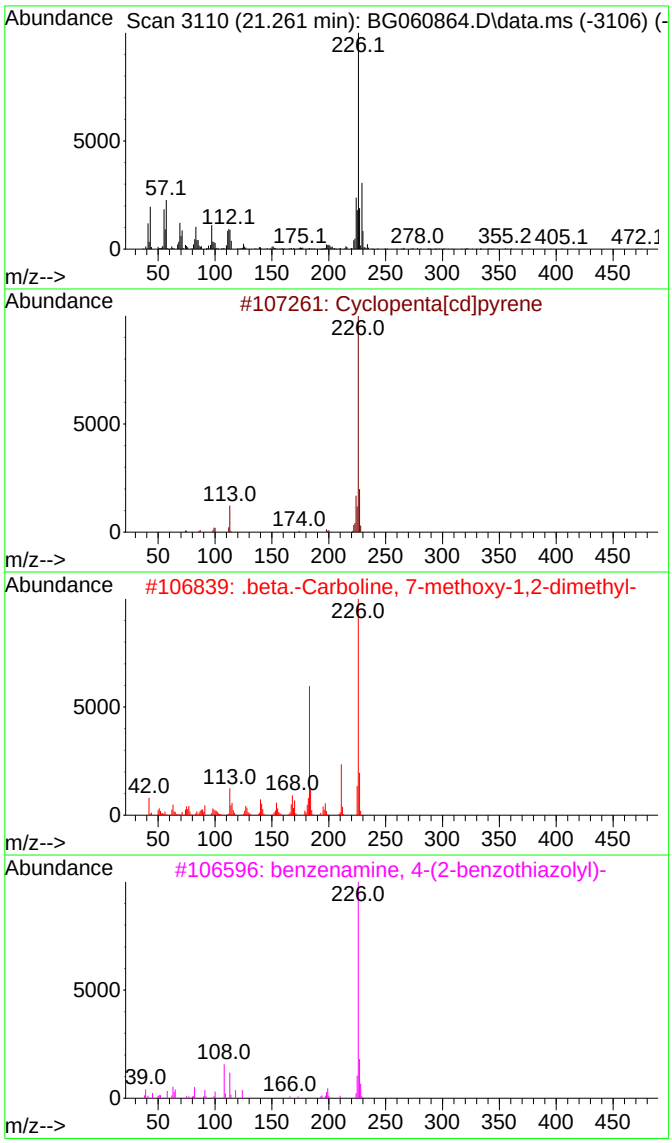
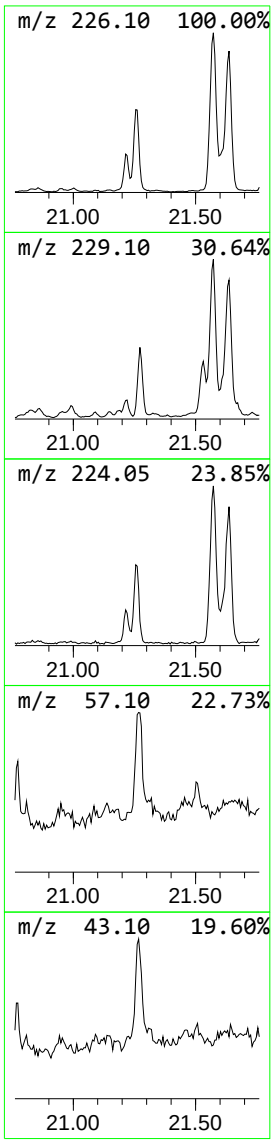
****

Peak Number 17 unknown21.261 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.261	3.91 ng	803357	Chrysene-d12	21.590

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	49
2	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	47
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	43
4	Cyclopentanecarboxamide, N-(2-ph...	413	C28H47NO	1000451-59-7	40
5	4-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000411-19-9	38





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Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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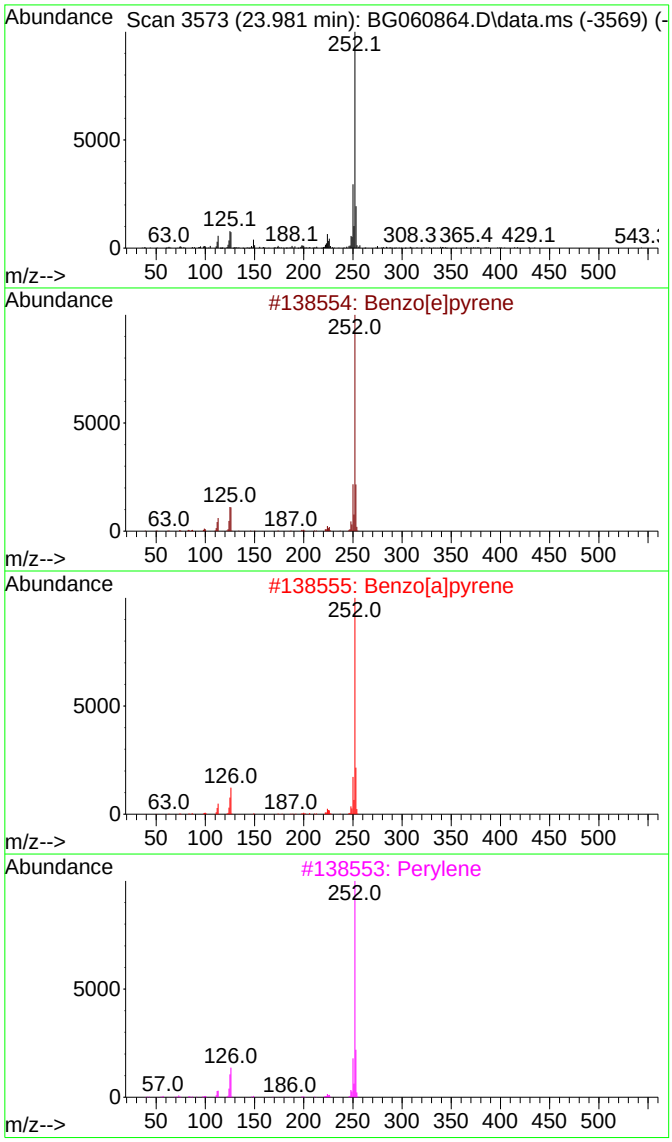
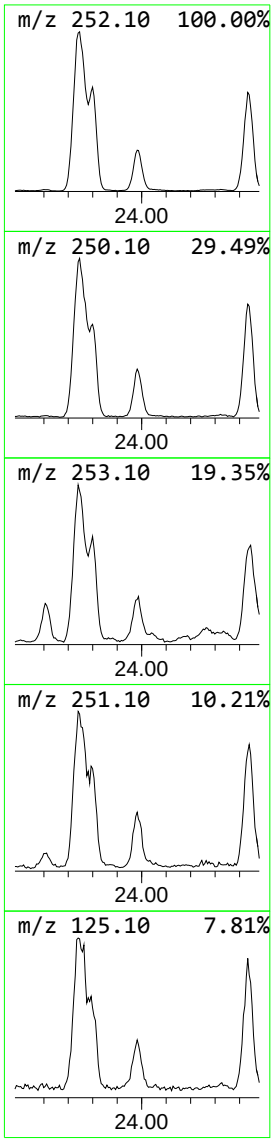
Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.981	10.76 ng	614717	Perylene-d12	24.722

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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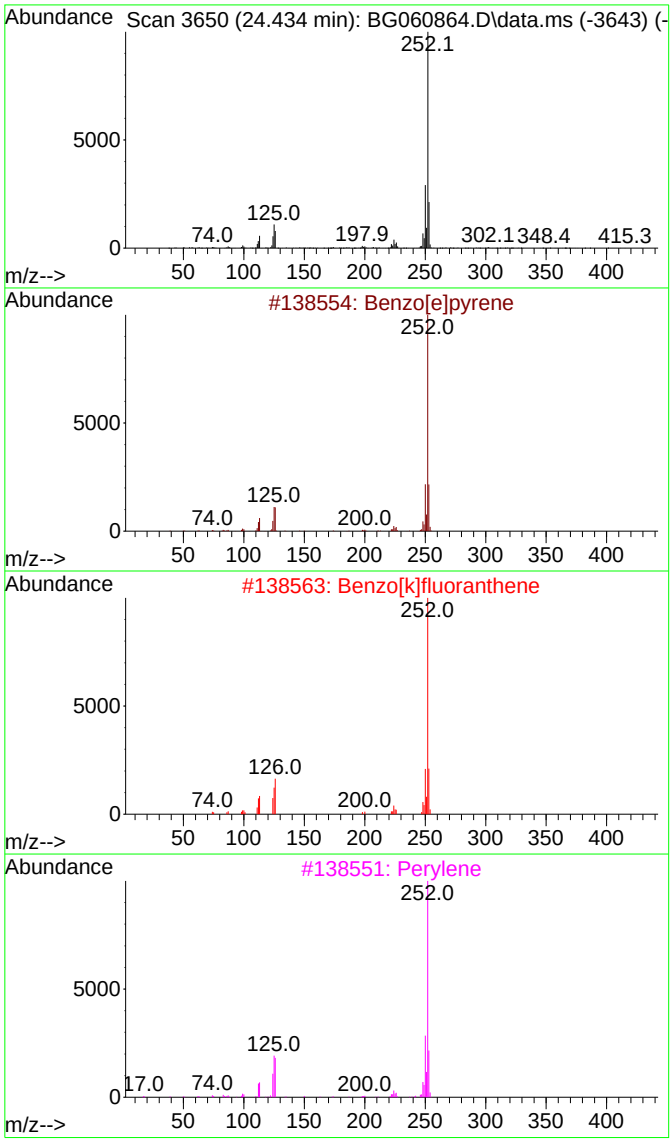
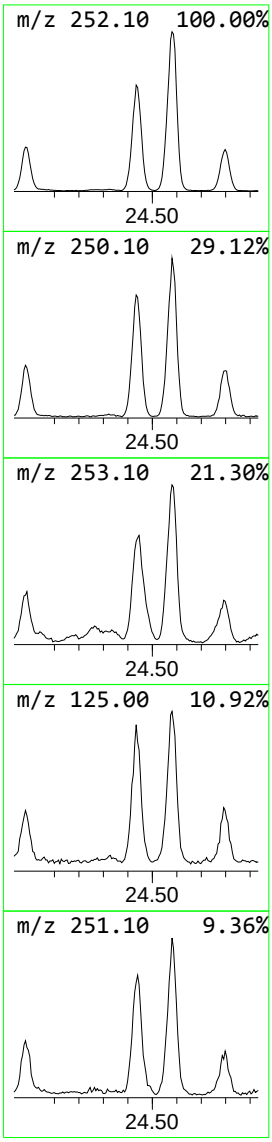
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.434	28.71 ng	1640230	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Perylene	252	C20H12	000198-55-0	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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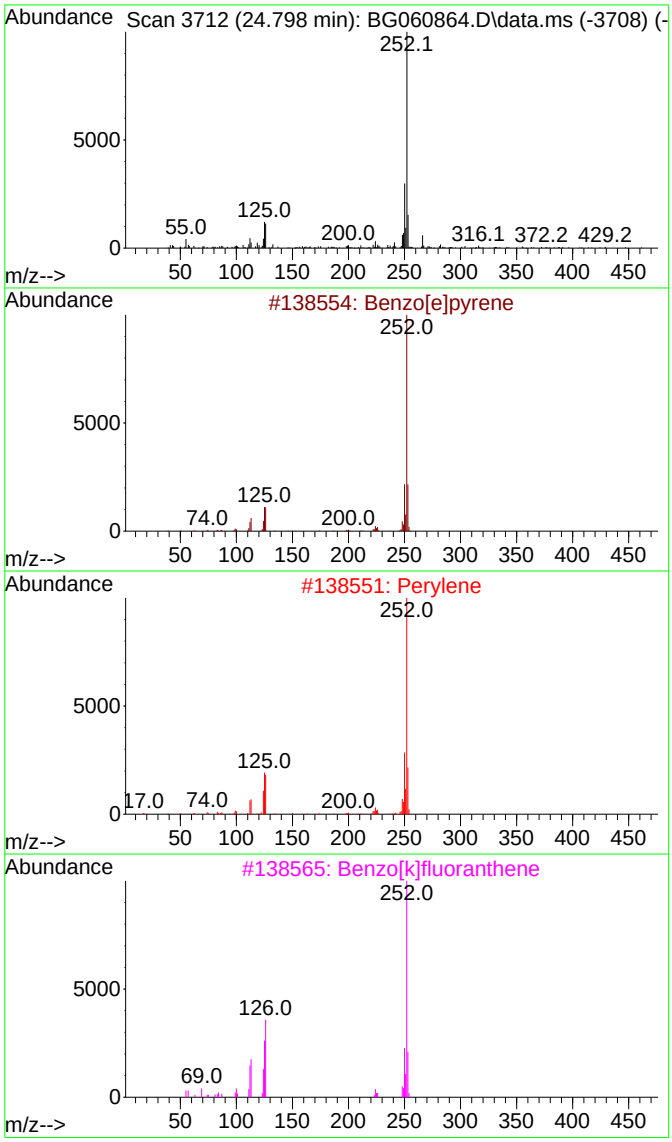
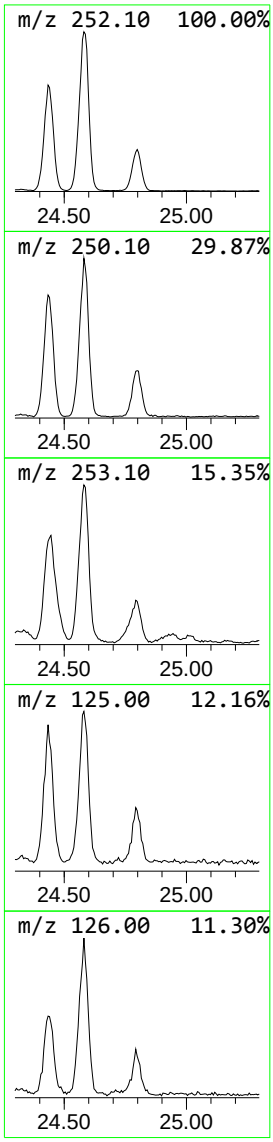
Peak Number 20 unknown24.798 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.798	13.62 ng	778098	Perylene-d12	24.722

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	90
2	Perylene	252	C20H12	000198-55-0	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	68
4	Benzo[a]pyrene	252	C20H12	000050-32-8	68
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG041124\
Data File : BG060864.D
Acq On : 11 Apr 2024 18:15
Operator : MA/JU
Sample : P2067-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
ETGI-346

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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...	3.170	3.6	ng	72767	1	7.947	401660	20.0
9H-Fluoren-3-ol	15.920	3.4	ng	142159	3	14.575	827900	20.0
9H-Fluoren-9-one	16.972	3.5	ng	172572	4	17.324	977012	20.0
Dibenzothiophene	17.142	3.6	ng	175671	4	17.324	977012	20.0
Phenanthrene, 2...	18.200	10.0	ng	488915	4	17.324	977012	20.0
Phenanthrene, 1...	18.247	20.8	ng	1014750	4	17.324	977012	20.0
Anthracene, 2-m...	18.329	3.3	ng	161874	4	17.324	977012	20.0
4H-Cyclopenta[d...	18.394	20.6	ng	1007270	4	17.324	977012	20.0
1H-Indene, 2-ph...	18.429	6.8	ng	332970	4	17.324	977012	20.0
Naphthalene, 2-...	18.699	6.5	ng	317156	4	17.324	977012	20.0
9,10-Anthracene...	18.735	6.6	ng	321498	4	17.324	977012	20.0
Phenanthrene, 2...	19.122	6.7	ng	325758	4	17.324	977012	20.0
unknown19.181	19.181	5.1	ng	249927	4	17.324	977012	20.0
Cyclopenta(def)...	19.257	6.9	ng	339246	4	17.324	977012	20.0
Pyrene, 1-methyl-	20.074	3.4	ng	701489	5	21.590	4110740	20.0
11H-Benzo[a]flu...	20.233	4.1	ng	835200	5	21.590	4110740	20.0
unknown21.261	21.261	3.9	ng	803357	5	21.590	4110740	20.0
Benzo[e]pyrene	23.981	10.8	ng	614717	6	24.722	1142540	20.0
Perylene	24.434	28.7	ng	1640230	6	24.722	1142540	20.0
unknown24.798	24.798	13.6	ng	778098	6	24.722	1142540	20.0