LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG057019.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.439	317	323	331	rBV	47396	75943	6.45%	0.495%
2	5.920	398	405	414	rBV	123238	201791	17.15%	1.316%
3	7.542	673	681	690	rBV	129135	221378	18.82%	1.444%
4	8.411	822	829	838	rBV	72046	121368	10.32%	0.792%
5	9.586	1021	1029	1036	rBV	74091	133296	11.33%	0.869%
6	11.248	1305	1312	1318	rBV	91349	165710	14.08%	1.081%
7	13.645	1714	1720	1727	rBV	205647	299882	25.49%	1.956%
8	14.750	1902	1908	1914	rBV	17151	33417	2.84%	0.218%
9	15.020	1944	1954	1961	rBV	152608	241973	20.57%	1.578%
10	15.084	1961	1965	1970	rVB	8147	11949	1.02%	0.078%
11	15.813	2084	2089	2094	rVB4	6265	12378	1.05%	0.081%
12	16.060	2126	2131	2140	rVB4	12025	21878	1.86%	0.143%
13	16.353	2176	2181	2187	rVB3	20585	33080	2.81%	0.216%
14	16.500	2198	2206	2213	rBV	173676	269261	22.89%	1.756%
15	16.718	2242	2243	2252	rVB6	8479	13596	1.16%	0.089%
16	17.058	2293	2301	2306	rVB6	9212	19310	1.64%	0.126%
17	17.281	2331	2339	2343	rBV7	10340	19984	1.70%	0.130%
18	17.411	2354	2361	2367	rBV8	10001	19134	1.63%	0.125%
19	17.464	2367	2370	2375	rBV6	11317	17579	1.49%	0.115%
20	17.581	2384	2390	2396	rVB4	9492	17231	1.46%	0.112%
21	17.763	2413	2421	2424	rBV	181627	287466	24.43%	1.875%
22	17.804	2424	2428	2434	rVB	180256	263061	22.36%	1.716%
23	17.892	2438	2443	2448	rBV	36728	57336	4.87%	0.374%
24	18.163	2484	2489	2493	rVV2	15066	32660	2.78%	0.213%
25	18.204	2493	2496	2504	rVV6	11568	20846	1.77%	0.136%
26	18.268	2504	2507	2511	rVV	14384	18710	1.59%	0.122%
27	18.339	2515	2519	2527	rVB2	15978	27615	2.35%	0.180%
28	18.480	2538	2543	2549	rVB3	11819	24396	2.07%	0.159%
29	18.544	2549	2554	2558	rBV4	7312	12453	1.06%	0.081%
30	18.597	2558	2563	2564	rVV3	22944	28761	2.44%	0.188%
31	18.627	2564	2568	2572	rVV	62790	98750	8.39%	0.644%
32	18.674	2572	2576	2582	rVB	78782	118528	10.07%	0.773%
33	18.756	2582	2590	2594	rBV2	27887	47856	4.07%	0.312%
34	18.821	2594	2601	2605	rVV2	91593	206343	17.54%	1.346%
35	18.856	2605	2607	2614	rVB	52870	67972	5.78%	0.443%
36	19.014	2628	2634	2638	rVV3	12338	21537	1.83%	0.140%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
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Acq On : 6 Apr 2023 19:44
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.108	2645	2650	2654	rBV	49806	72885	6.19%	0.475%
38	19.155	2654	2658	2667	rVB3	36757	70927	6.03%	0.463%
39	19.326	2684	2687	2688	rBV2	14016	14225	1.21%	0.093%
40	19.349	2688	2691	2695	rVB3	24004	30987	2.63%	0.202%
41	19.402	2696	2700	2703	rBV	27094	32828	2.79%	0.214%
42	19.443	2703	2707	2712	rVB2	24415	38490	3.27%	0.251%
43	19.525	2714	2721	2725	rBV	82090	152856	12.99%	0.997%
44	19.578	2726	2730	2734	rBV3	23271	48068	4.09%	0.313%
45	19.672	2740	2746	2756	rBV6	55862	136037	11.56%	0.887%
46	19.796	2760	2767	2772	rBV	812185	1163788	98.91%	7.590%
47	19.843	2772	2775	2778	rVB3	24018	25661	2.18%	0.167%
48	19.878	2778	2781	2786	rVB4	25210	35082	2.98%	0.229%
49	19.943	2787	2792	2795	rBV2	23432	45019	3.83%	0.294%
50	20.031	2801	2807	2816	rVB4	35623	84509	7.18%	0.551%
51	20.113	2816	2821	2823	rBV	117857	168753	14.34%	1.101%
52	20.154	2823	2828	2834	rVV	797908	1149704	97.72%	7.498%
53	20.213	2834	2838	2843	rVB	59683	88716	7.54%	0.579%
54	20.324	2852	2857	2862	rVB2	338974	441640	37.54%	2.880%
55	20.377	2862	2866	2872	rVB3	29678	66485	5.65%	0.434%
56	20.471	2873	2882	2887	rBV3	89810	237541	20.19%	1.549%
57	20.601	2899	2904	2905	rBV4	55735	80053	6.80%	0.522%
58	20.630	2906	2909	2915	rVB	151886	219212	18.63%	1.430%
59	20.730	2922	2926	2930	rBV	89391	116474	9.90%	0.760%
60	20.794	2930	2937	2940	rVV2	102573	160040	13.60%	1.044%
61	20.935	2957	2961	2966	rBV	87159	135677	11.53%	0.885%
62	20.982	2966	2969	2982	rVB	80377	147402	12.53%	0.961%
63	21.194	3003	3005	3009	rBV5	14973	21128	1.80%	0.138%
64	21.370	3032	3035	3040	rBV7	18617	37986	3.23%	0.248%
65	21.429	3040	3045	3052	rVB	86911	148572	12.63%	0.969%
66	21.634	3071	3080	3083	rBV3	87607	204115	17.35%	1.331%
67	21.670	3084	3086	3091	rVV	69404	98015	8.33%	0.639%
68	21.728	3091	3096	3101	rVV2	78540	141783	12.05%	0.925%
69	21.781	3101	3105	3116	rVB2	67207	149126	12.67%	0.973%
70	22.063	3146	3153	3161	rBV2	460242	1176562	100.00%	7.673%
71	22.134	3161	3165	3177	rVB	378374	720632	61.25%	4.700%
72	22.304	3189	3194	3199	rBV2	53978	97546	8.29%	0.636%
73	22.369	3202	3205	3210	rVV3	30467	55396	4.71%	0.361%
74	22.527	3226	3232	3238	rBV3	46577	106445	9.05%	0.694%
75	22.874	3282	3291	3297	rBV	81996	214409	18.22%	1.398%
76	22.950	3300	3304	3309	rVB2	53081	101424	8.62%	0.661%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

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-BG033023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	23.173	3338	3342	3347	rBV2	40747	80593	6.85%	0.526%
78	23.320	3364	3367	3376	rVB4	34082	74030	6.29%	0.483%
79	24.507	3558	3569	3575	rBV	289581	1017726	86.50%	6.637%
80	24.777	3609	3615	3625	rVB2	67579	171044	14.54%	1.115%
81	25.300	3697	3704	3718	rVB2	176621	540188	45.91%	3.523%
82	25.470	3722	3733	3746	rVB	267107	818645	69.58%	5.339%
83	25.629	3752	3760	3768	rBV2	82388	258774	21.99%	1.688%
84	25.717	3770	3775	3790	rVB3	78754	265187	22.54%	1.729%
85	29.735	4444	4459	4480	rVB3	98539	587034	49.89%	3.828%

Sum of corrected areas: 15333847

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
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Instrument :
BNA_G
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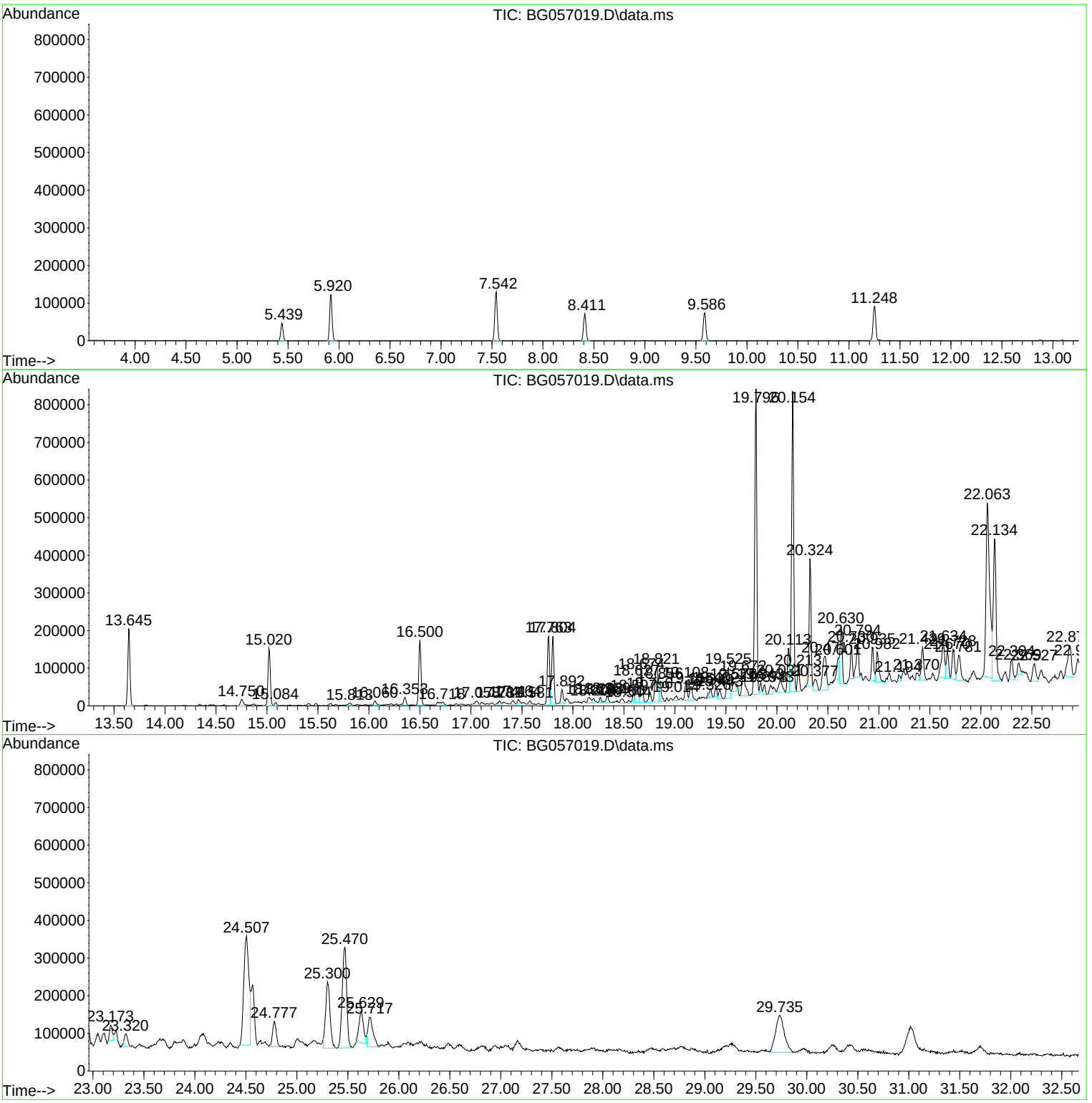
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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\BG040623\
Data File : BG057019.D
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Operator : CG/JU
Sample : 02126-04 2X
Misc :
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Instrument :
BNA_G
ClientSampleId :
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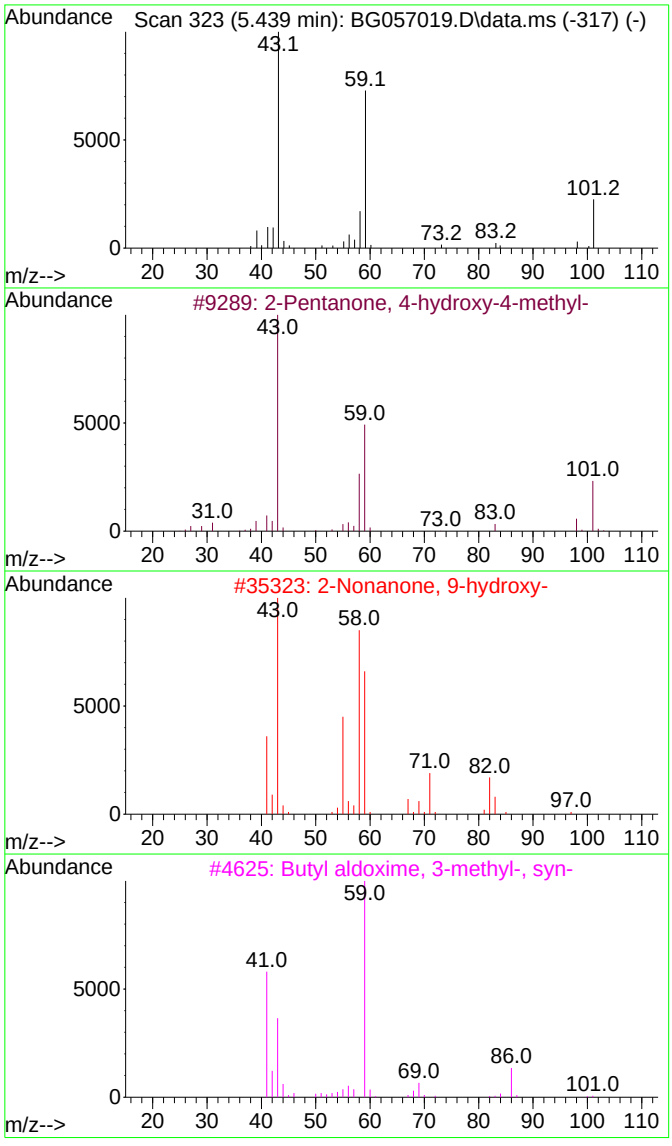
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

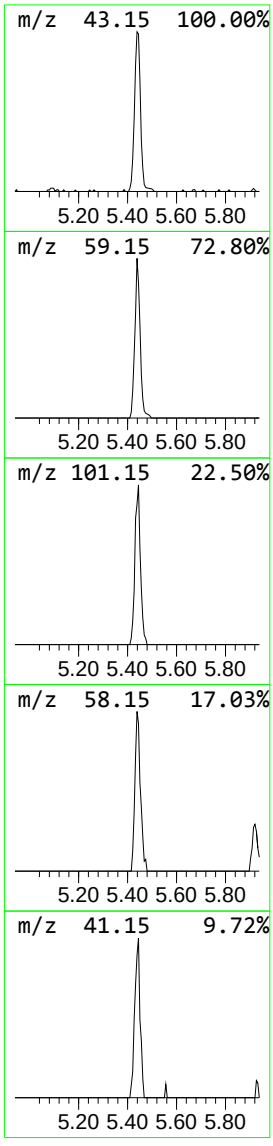
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.439	12.51 ng	75943	1,4-Dichlorobenzene-d4	8.411

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	33
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	Acetone	58	C3H6O	000067-64-1	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
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Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

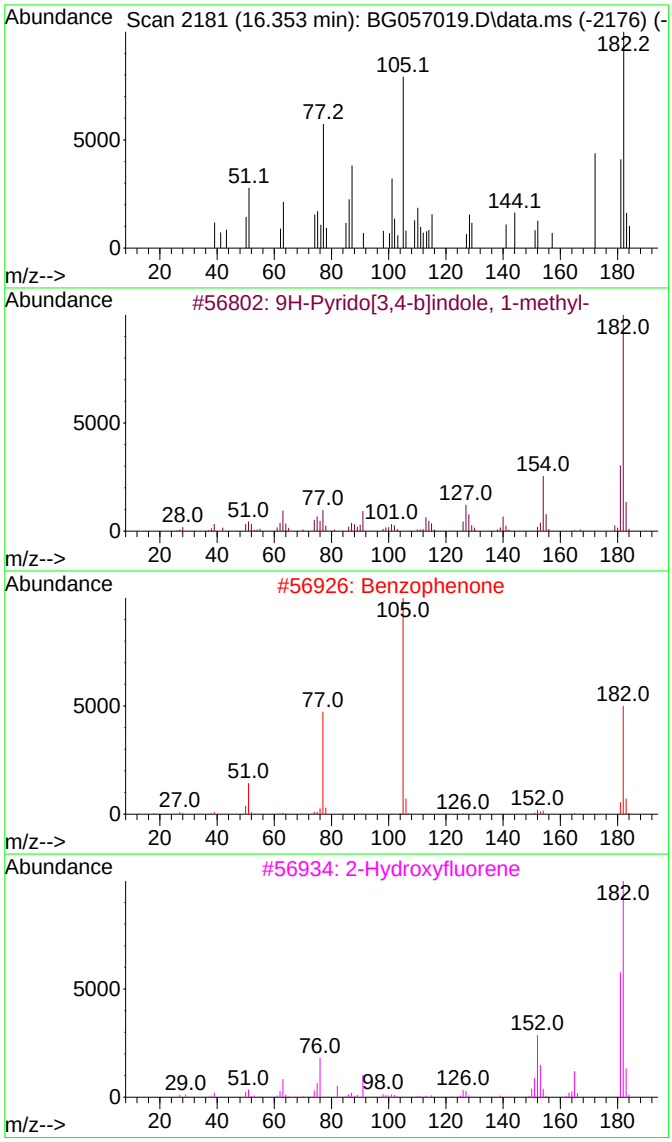
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

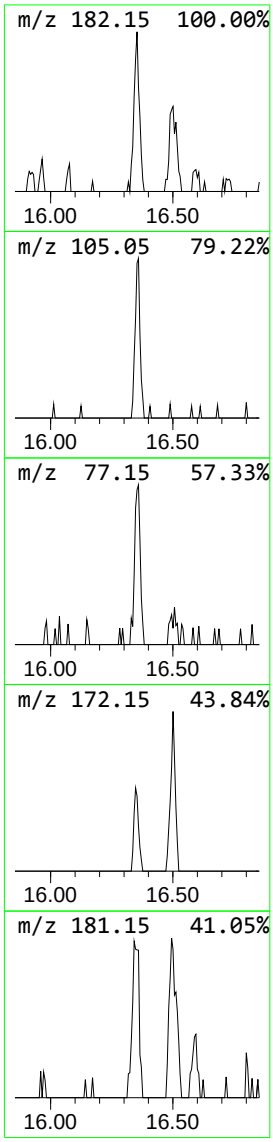
****

Peak Number 2 unknown16.353 Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.353	2.73 ng	33080	Acenaphthene-d10	15.020

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Pyrido[3,4-b]indole, 1-methyl-	182	C12H10N2	000486-84-0	43
2	Benzophenone	182	C13H10O	000119-61-9	38
3	2-Hydroxyfluorene	182	C13H10O	002443-58-5	38
4	4(1H)-Quinazolinone, 2,3,5,6,7,8...	182	C8H10N2OS	016064-21-4	38
5	Benzenamine, N-(4-pyridinylmethy...	182	C12H10N2	027768-46-3	35





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
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Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

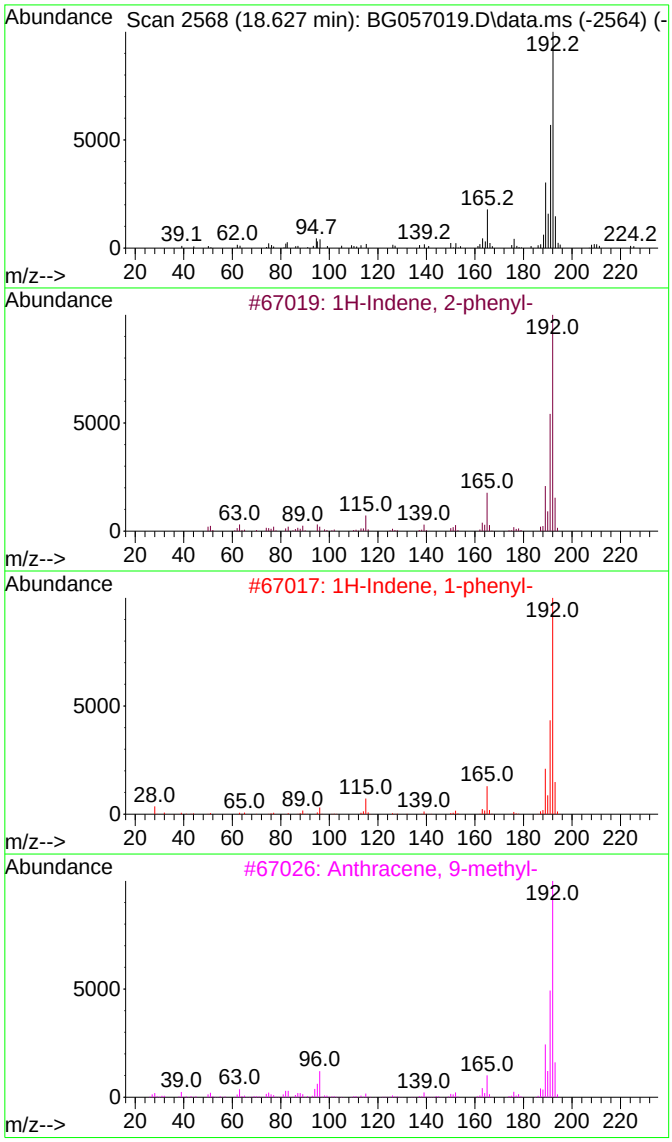
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

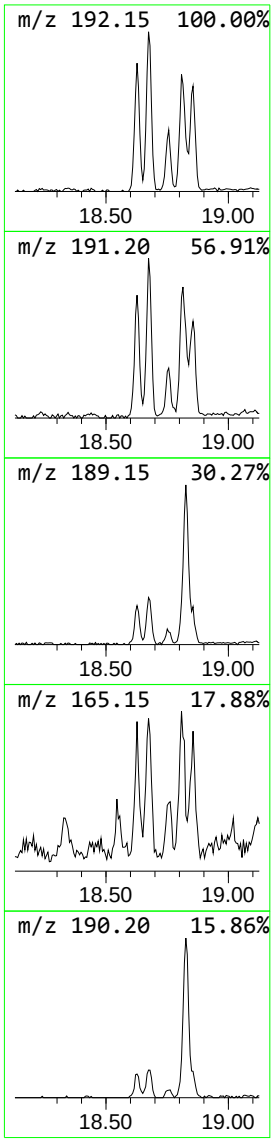
****

Peak Number 3 1H-Indene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.627	6.87 ng	98750	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	93
2	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

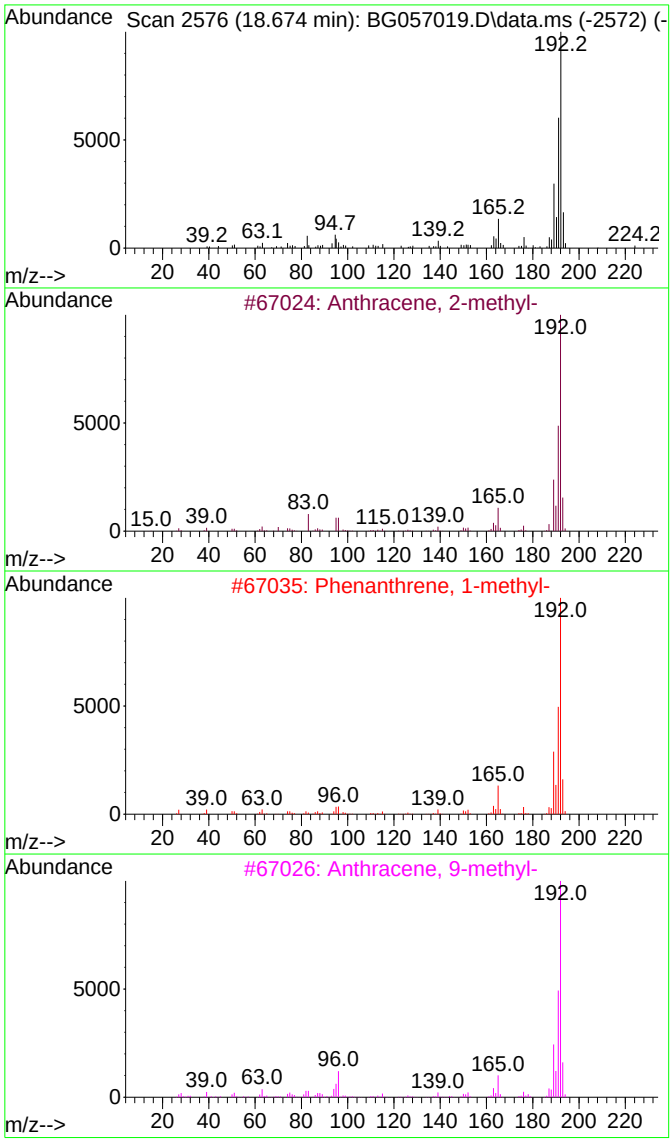
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

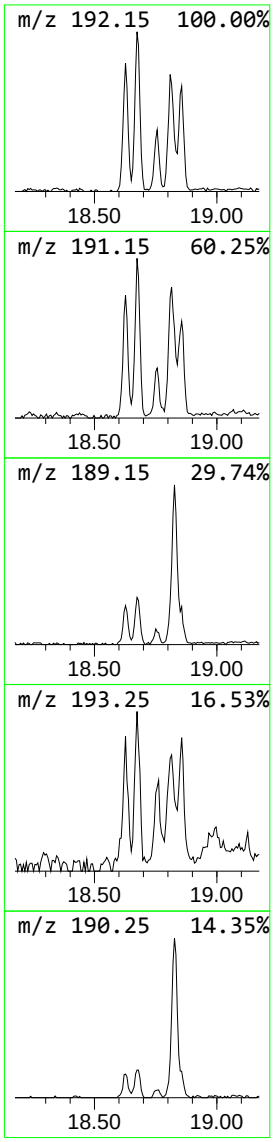
****

Peak Number 4 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.674	8.25 ng	118528	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

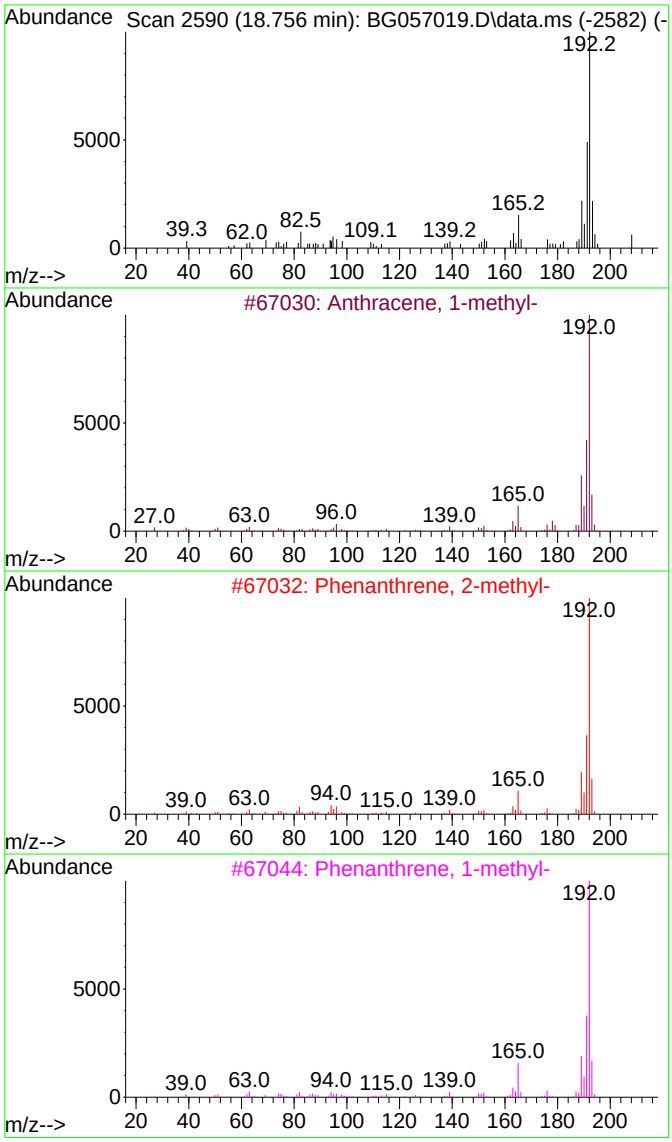
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

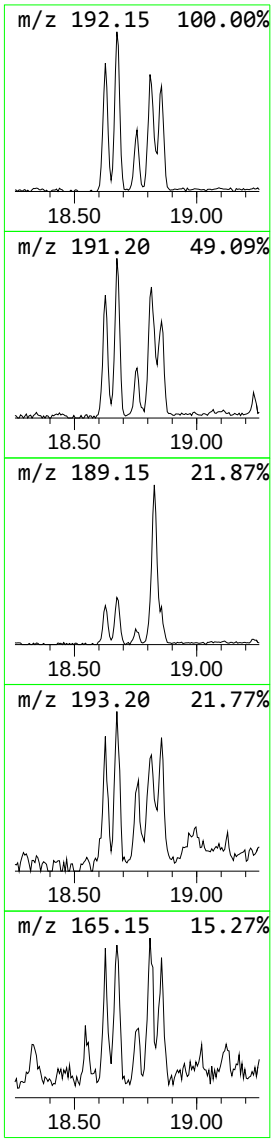
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	3.33 ng	47856	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

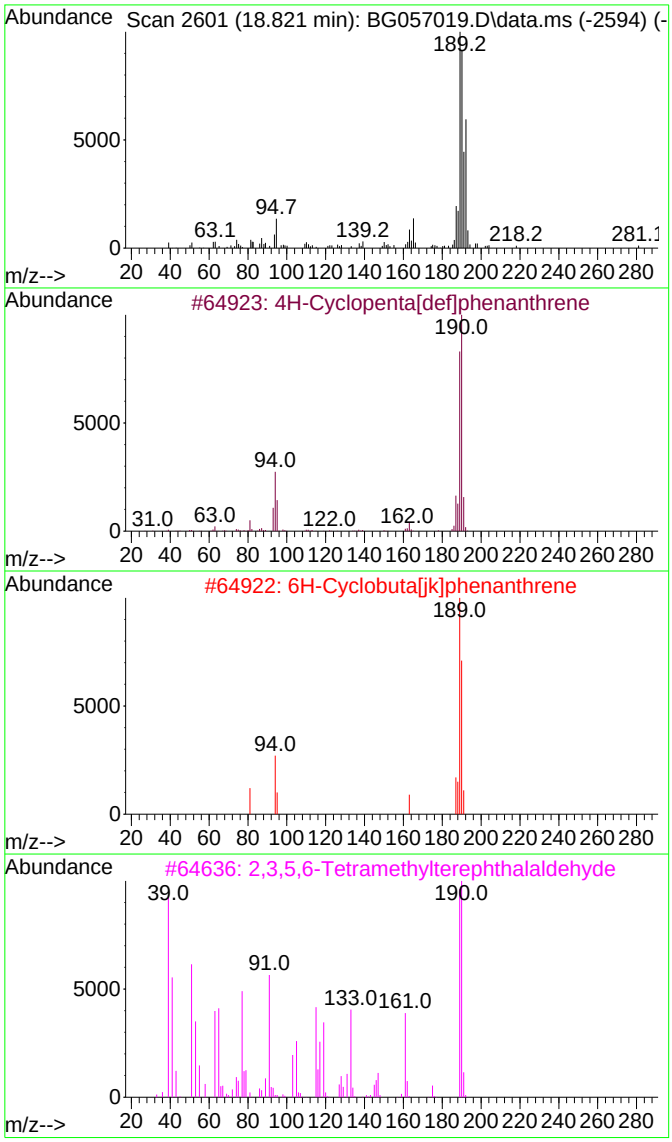
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

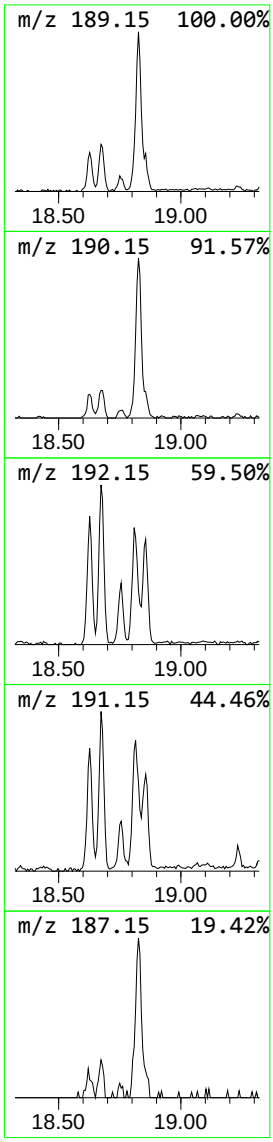
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.821	14.36 ng	206343	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	58
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	30
5	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	25





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Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

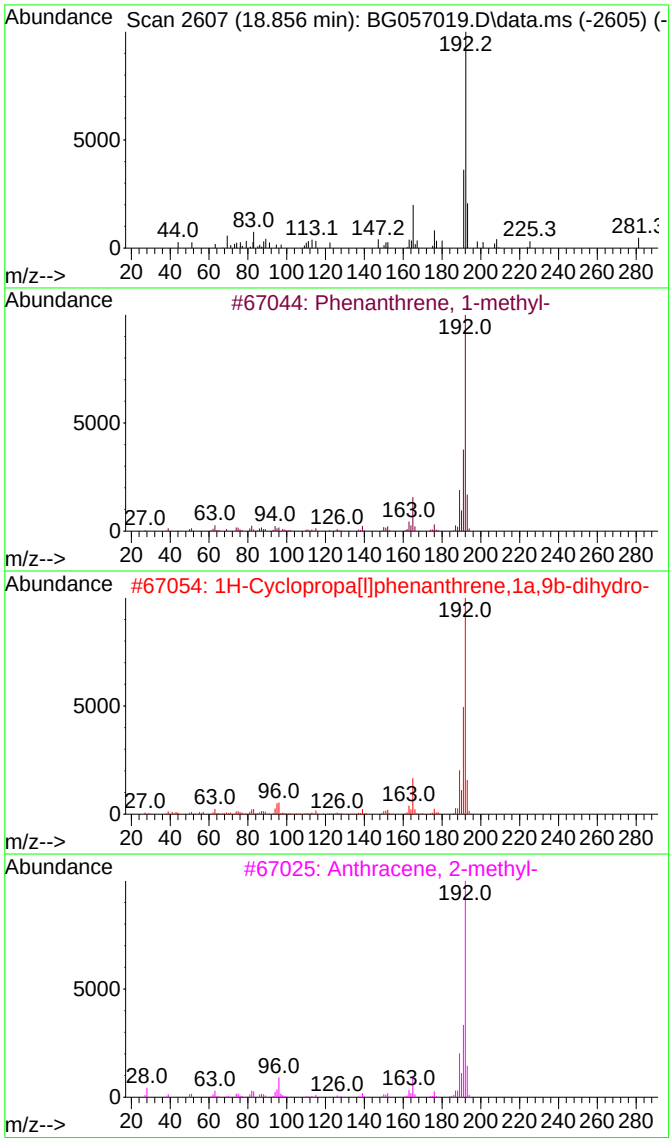
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

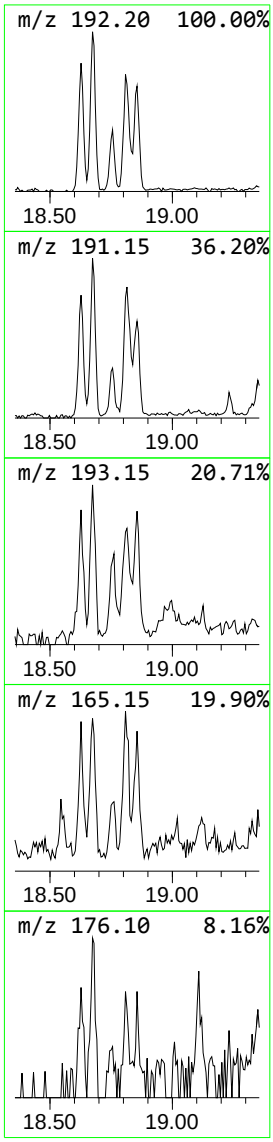
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.856	4.73 ng	67972	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	80
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	72
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	59





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Instrument :
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ClientSampleId :
RS-D

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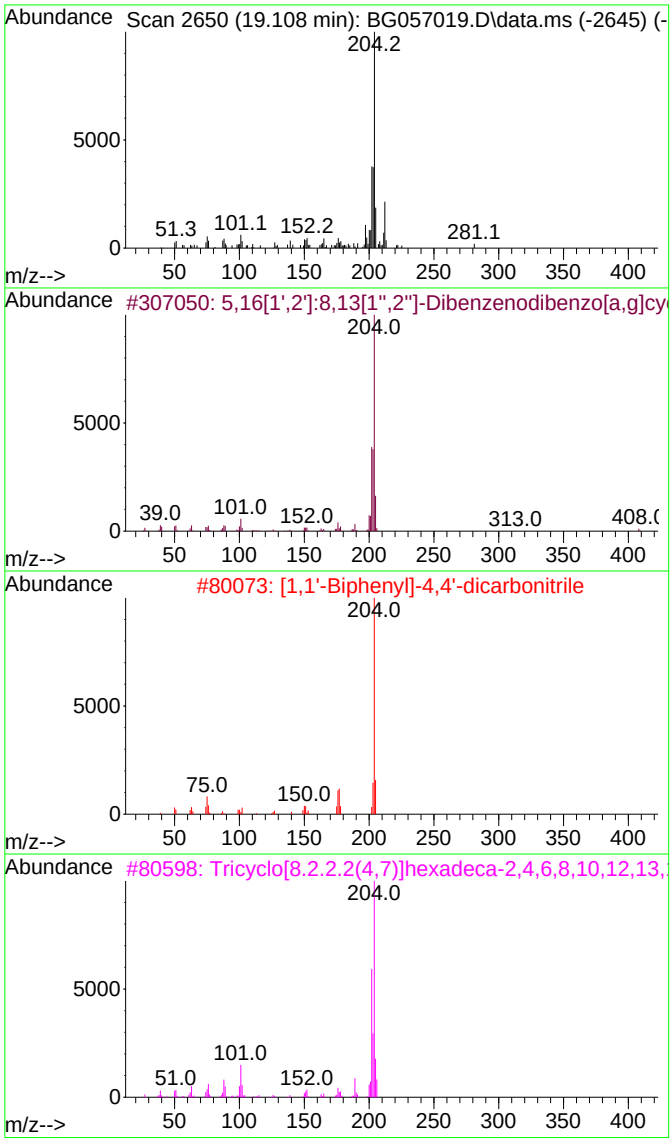
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

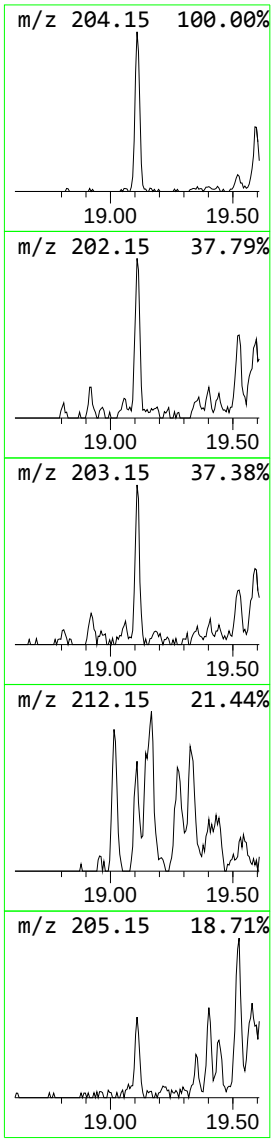
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.108	5.07 ng	72885	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	55
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	53
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	53
5	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	49





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ClientSampleId :
RS-D

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

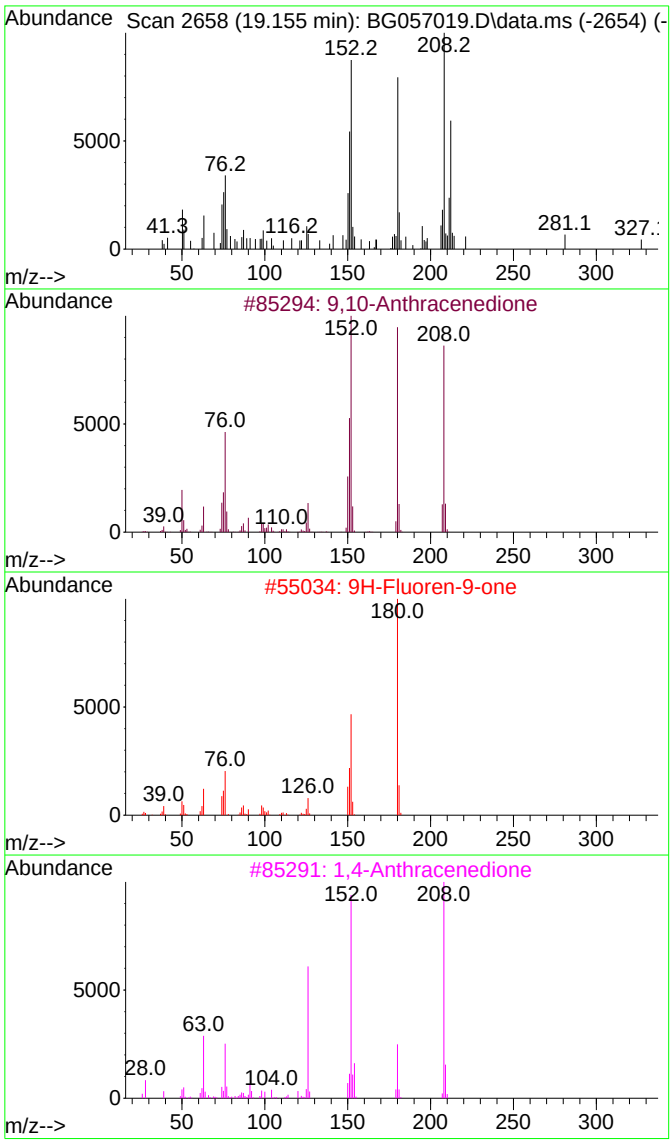
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

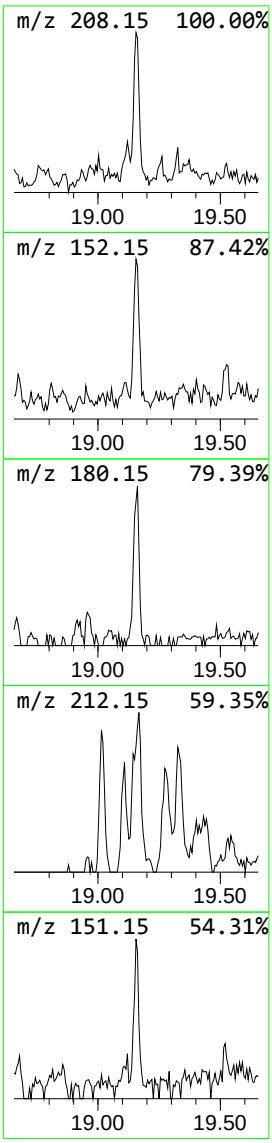
****

Peak Number 9 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.155	4.93 ng	70927	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	90
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	46
5	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	46





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Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

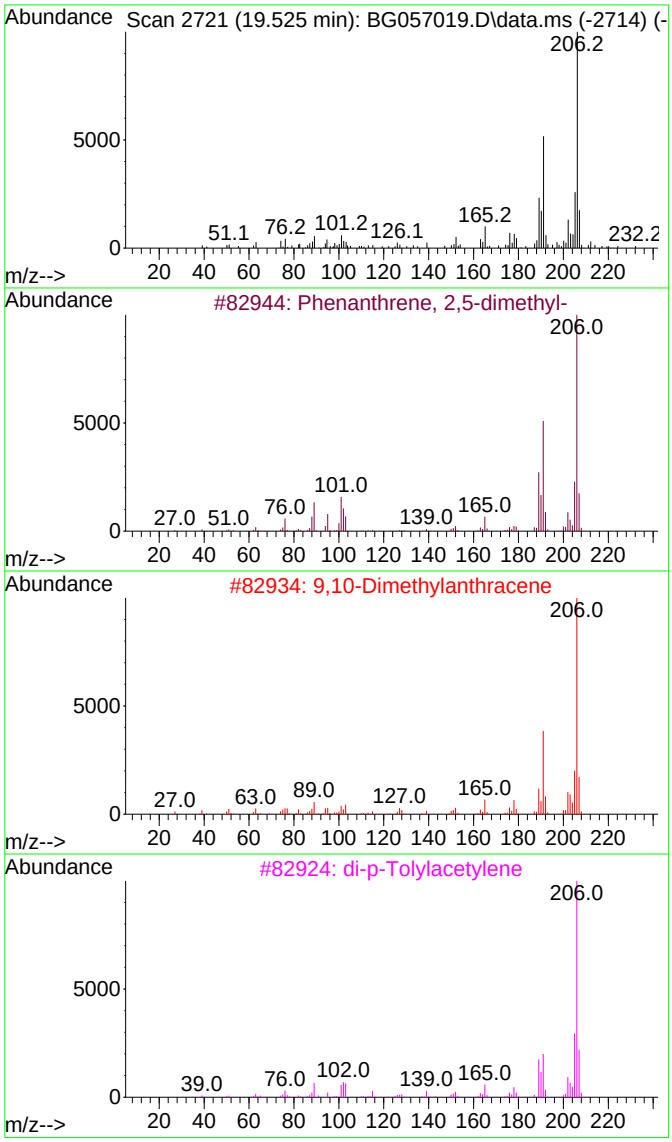
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

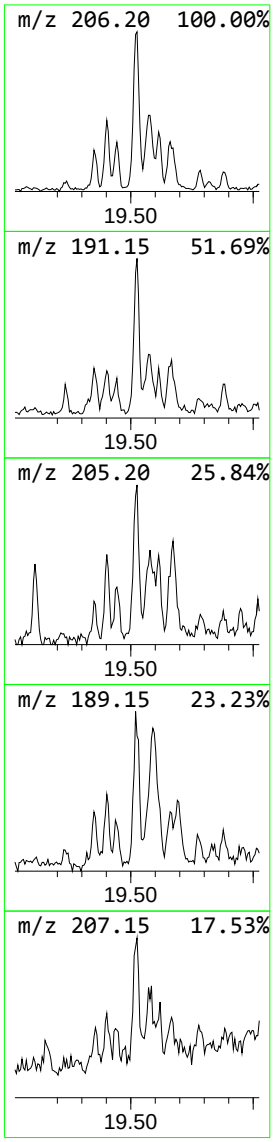
****

Peak Number 10 Phenanthrene, 2,5-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.526	10.63 ng	152856	Phenanthrene-d10	17.763

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	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	89
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Operator : CG/JU
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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-D

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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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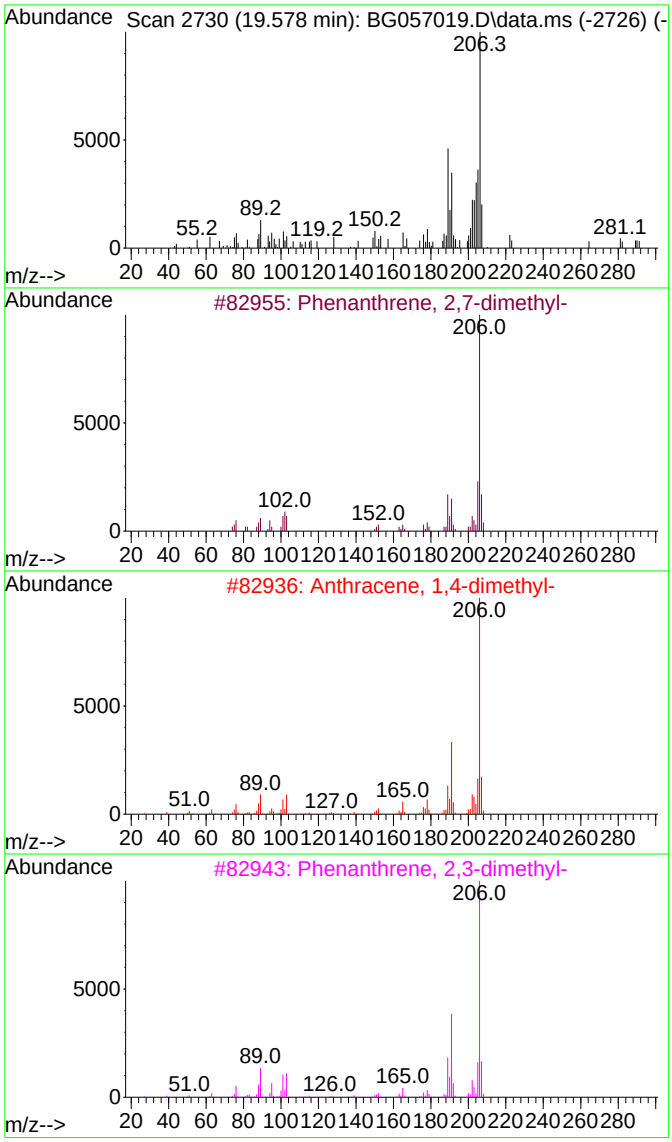
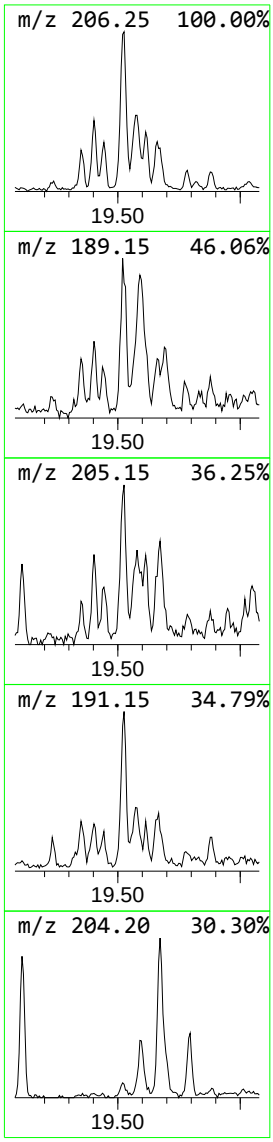
Peak Number 11 Phenanthrene, 2,7-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.578	3.34 ng	48068	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	62
2	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
4	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	53
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	52





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

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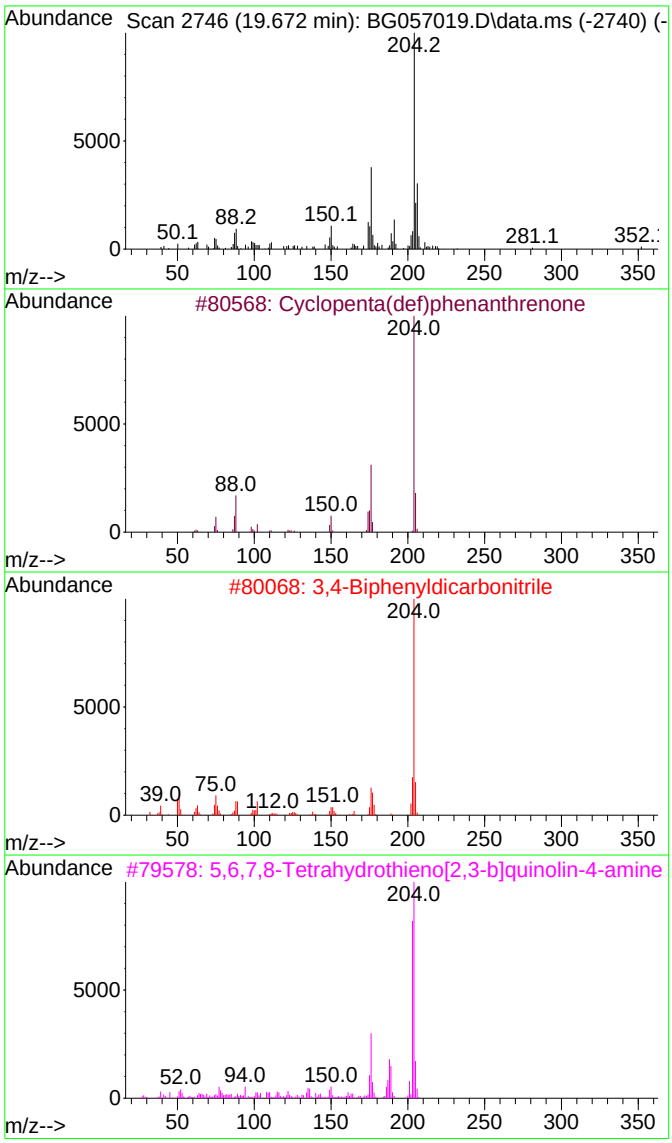
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

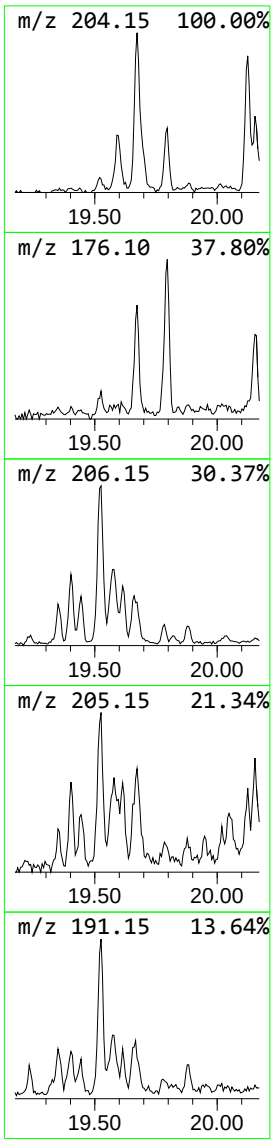
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.672	9.46 ng	136037	Phenanthrene-d10	17.763

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	90
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	64
3	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	53
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53





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Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

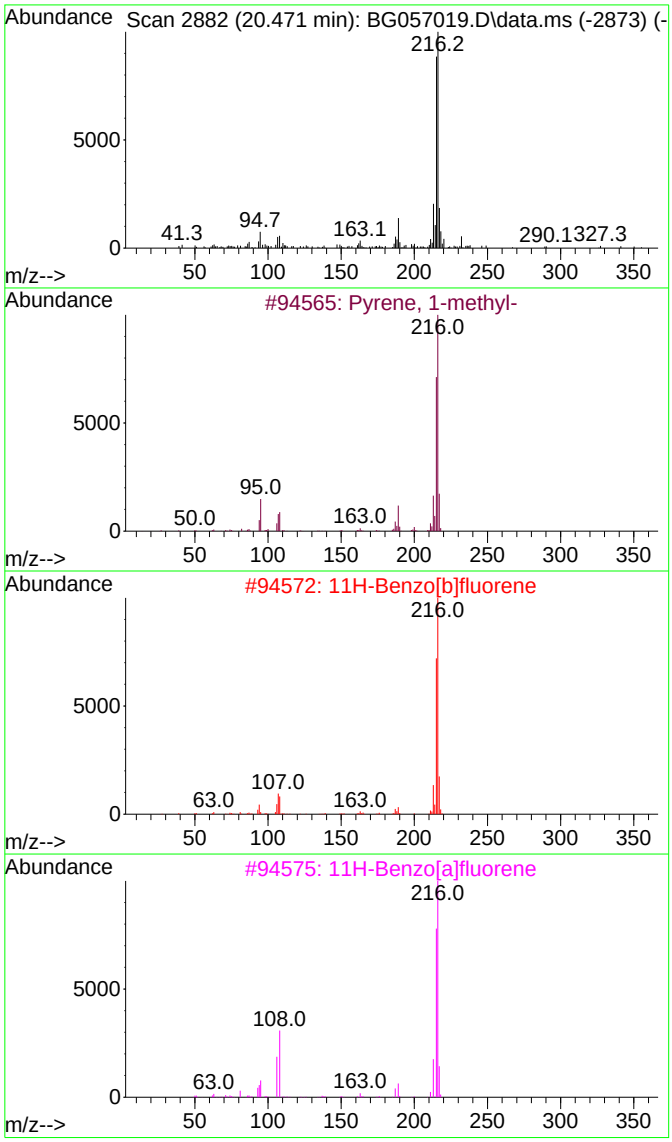
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

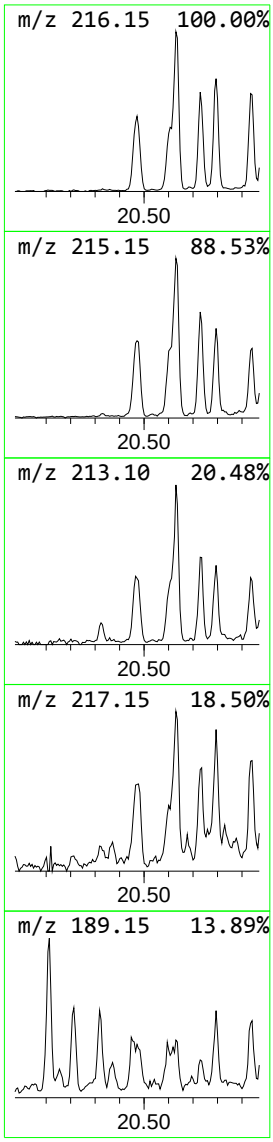
****

Peak Number 13 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.471	4.04 ng	237541	Chrysene-d12	22.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	76





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ALS Vial : 13 Sample Multiplier: 1

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

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

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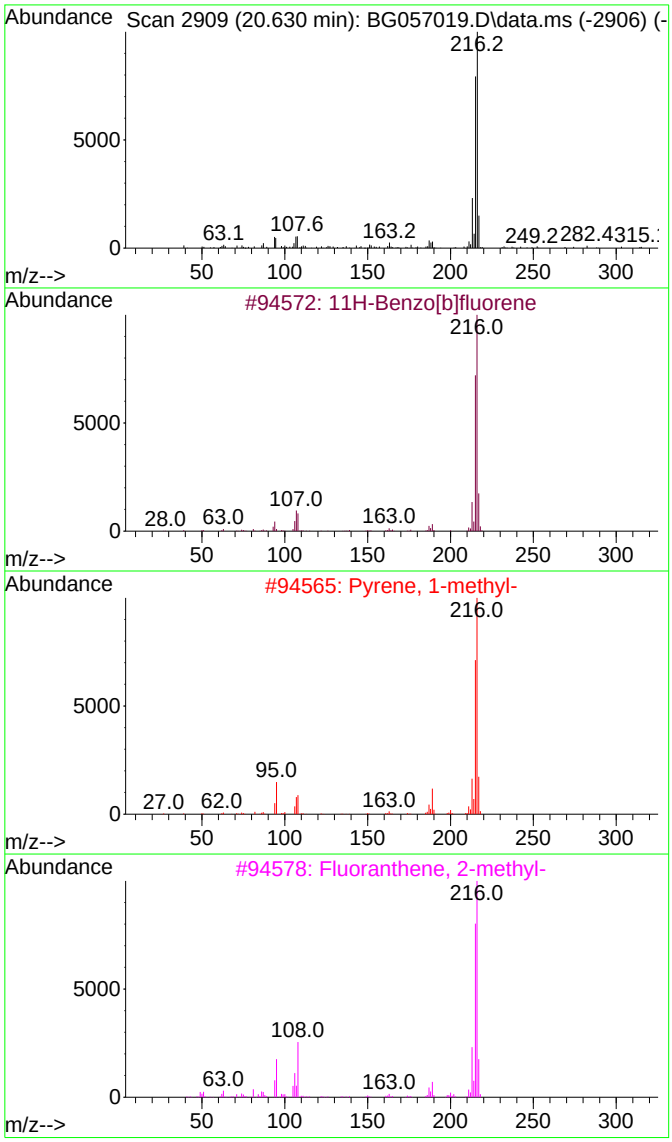
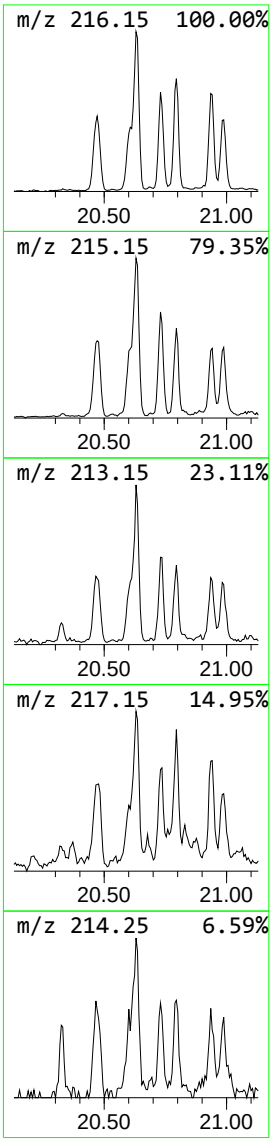
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.630	3.73 ng	219212	Chrysene-d12	22.087

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	86
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RS-D

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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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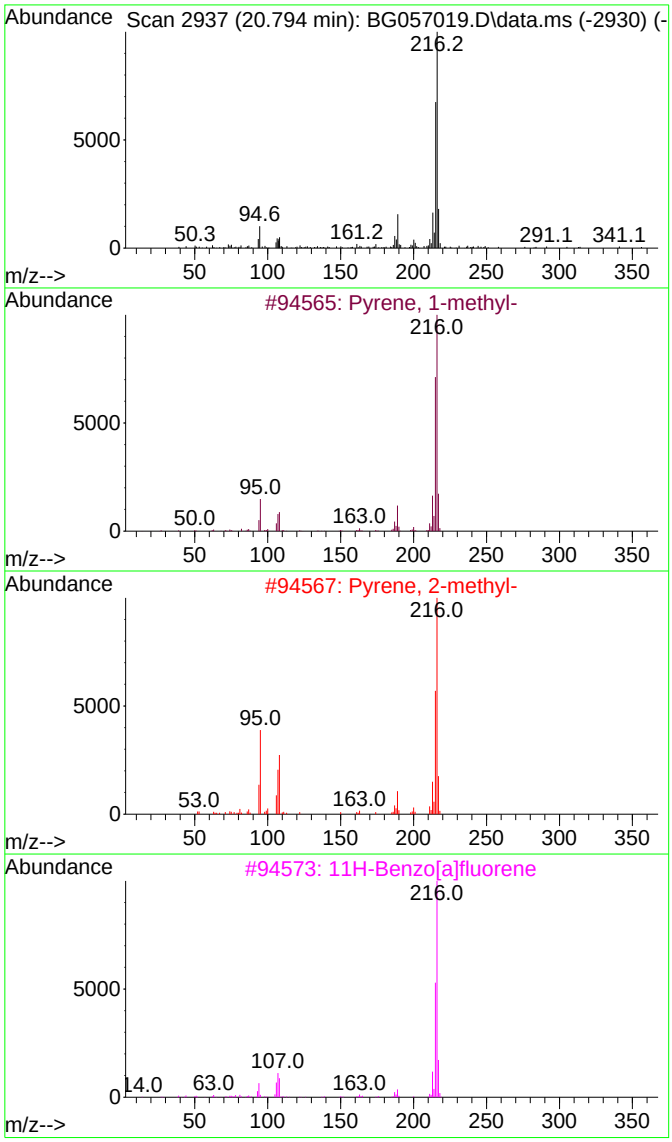
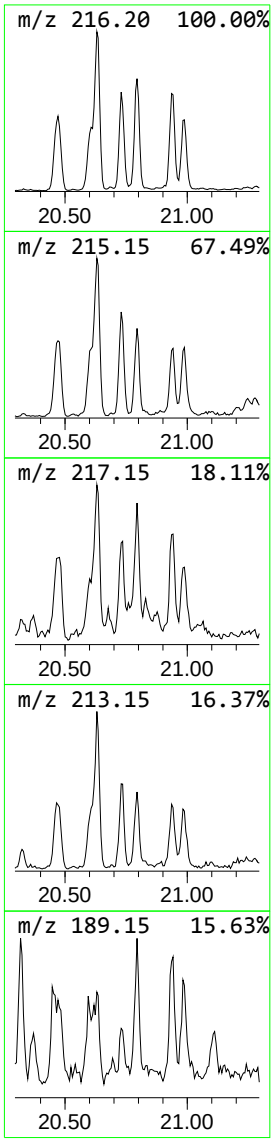
Peak Number 15 Pyrene, 2-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.794	2.72 ng	160040	Chrysene-d12	22.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





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ALS Vial : 13 Sample Multiplier: 1

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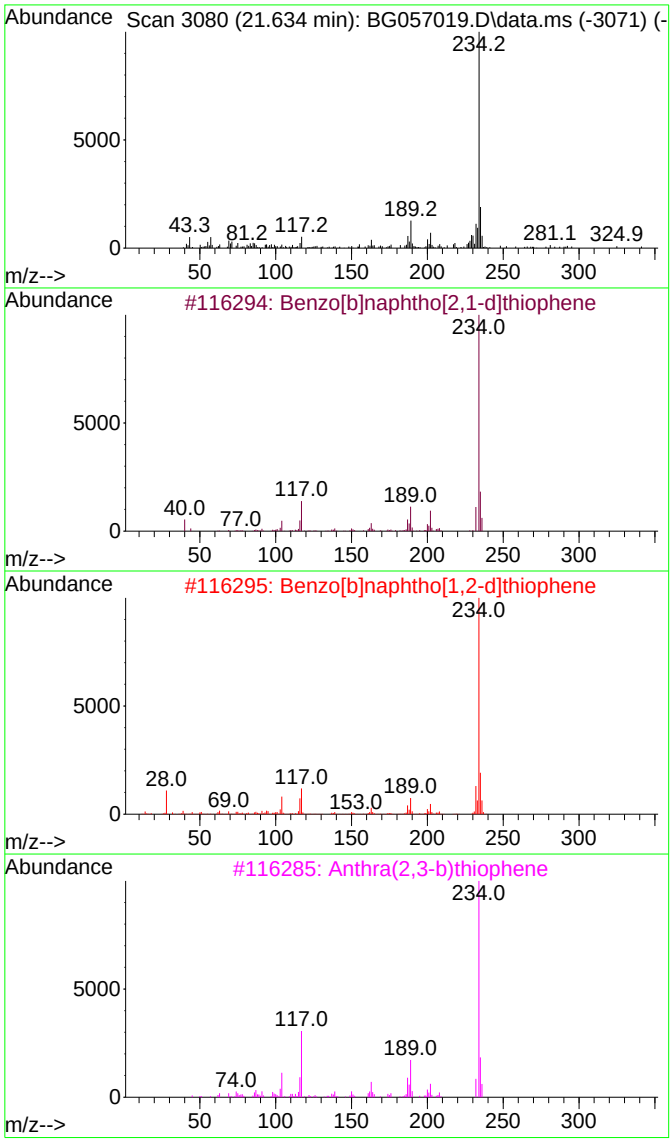
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

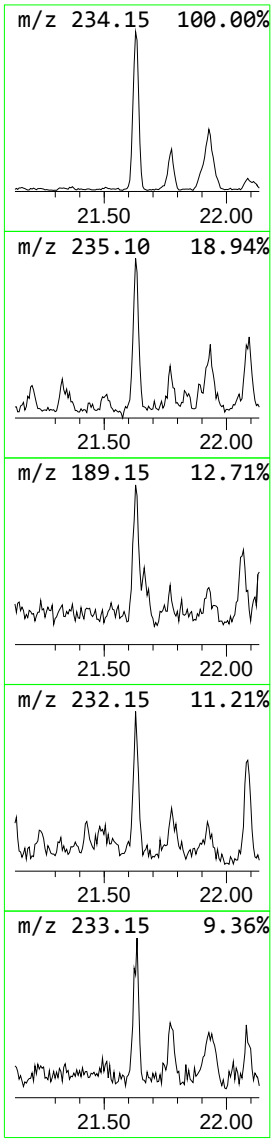
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.634	3.47 ng	204115	Chrysene-d12	22.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	91
5	Phenanthro[4,3-b]thiophene	234	C16H10S	000195-68-6	81





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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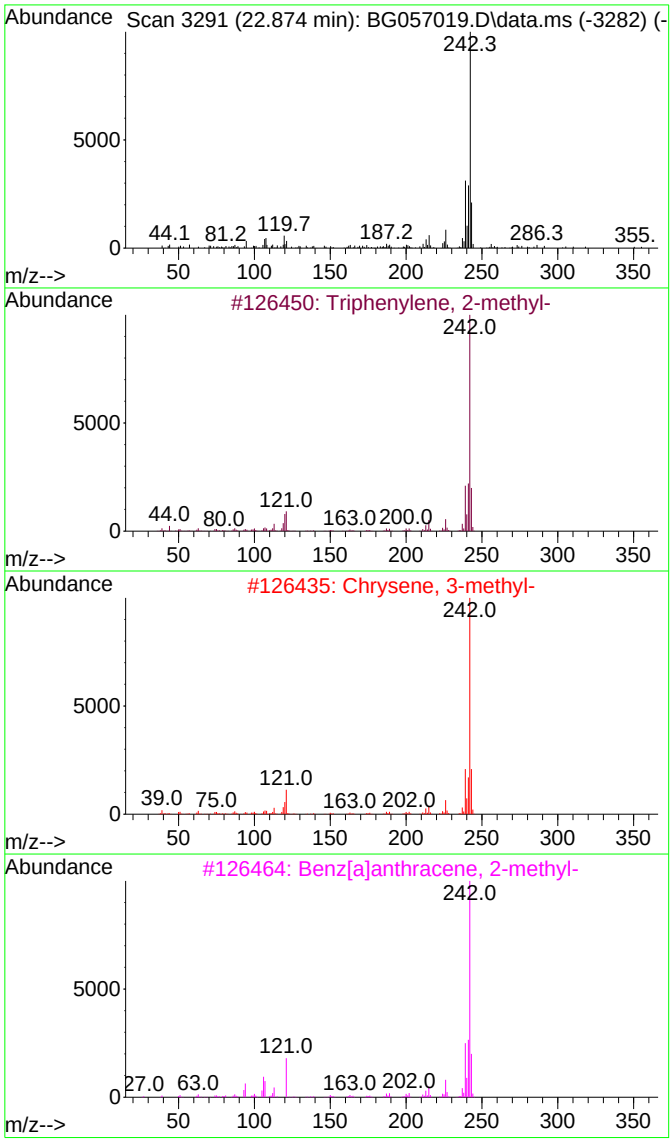
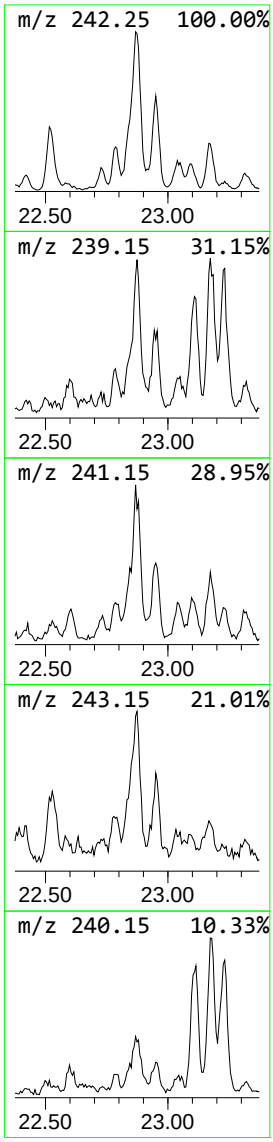
Peak Number 17 Triphenylene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.874	3.64 ng	214409	Chrysene-d12	22.087

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	96
2	Chrysene, 3-methyl-	242	C19H14	003351-31-3	94
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	94
4	Chrysene, 5-methyl-	242	C19H14	003697-24-3	93
5	Benz[a]anthracene, 7-methyl-	242	C19H14	002541-69-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

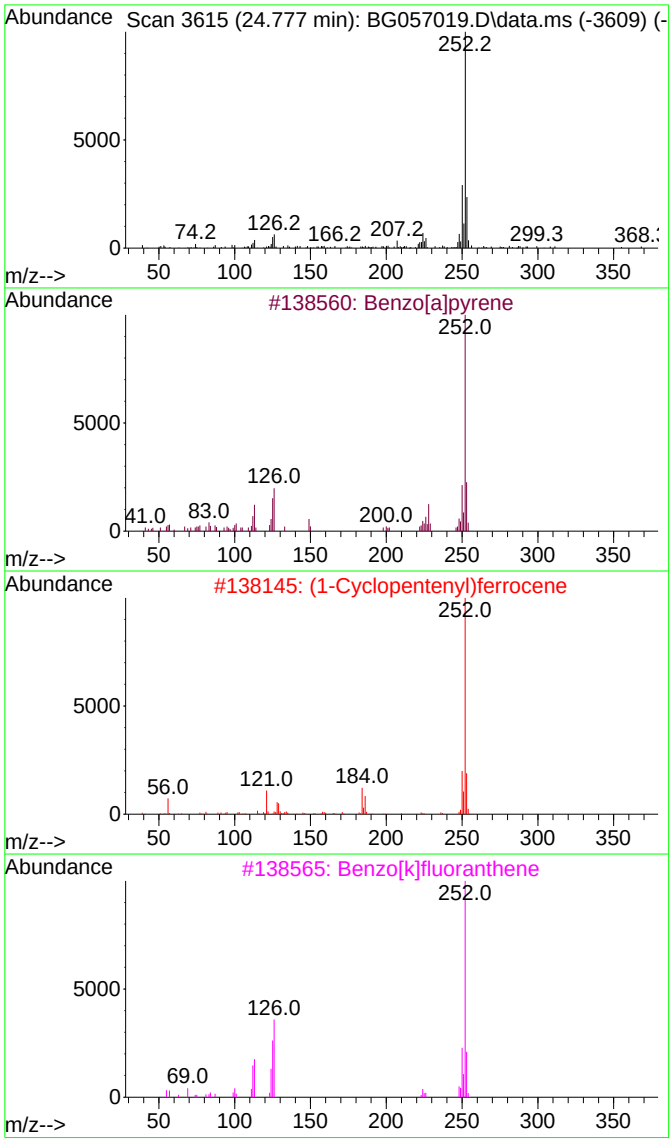
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

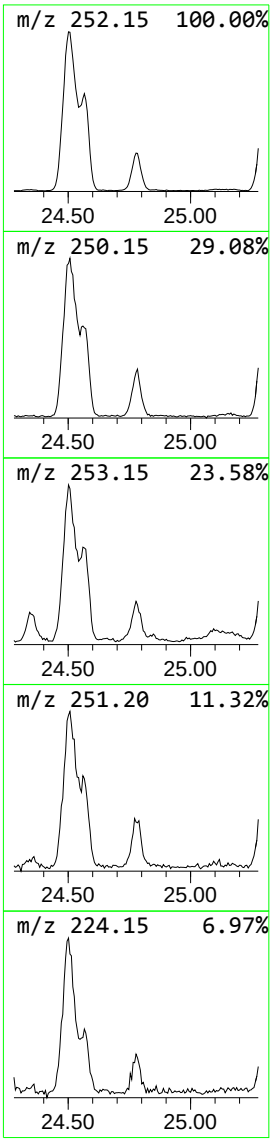
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 (1-Cyclopentenyl)ferrocene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.777	13.22 ng	171044	Perylene-d12	25.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	90
2	(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	86
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
4	Perylene	252	C20H12	000198-55-0	74
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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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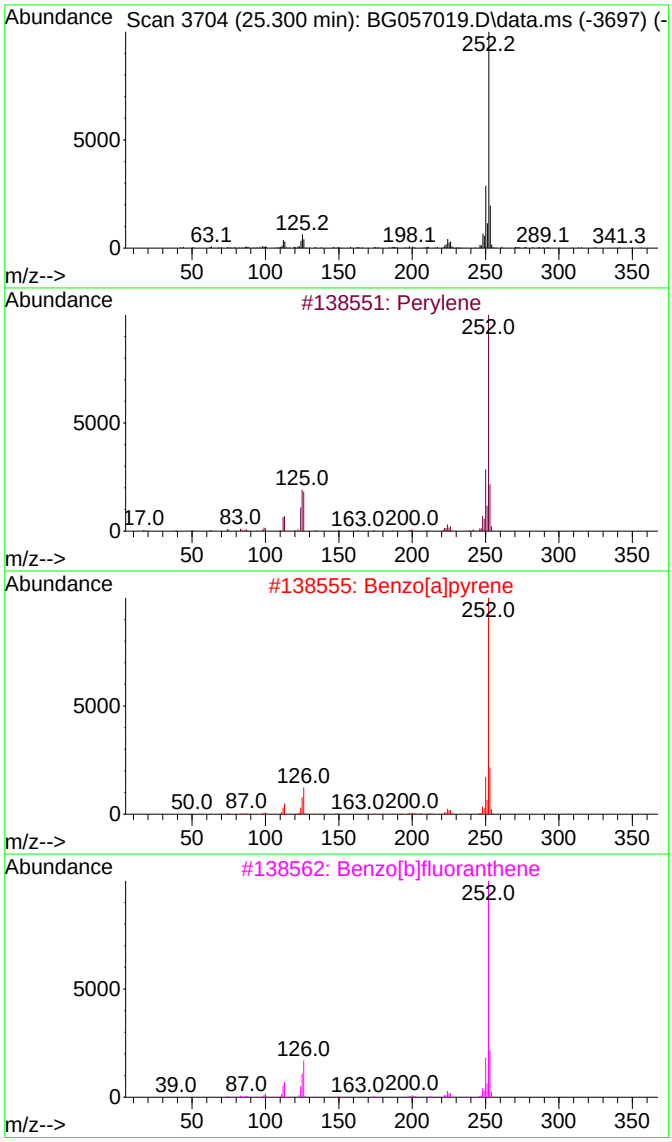
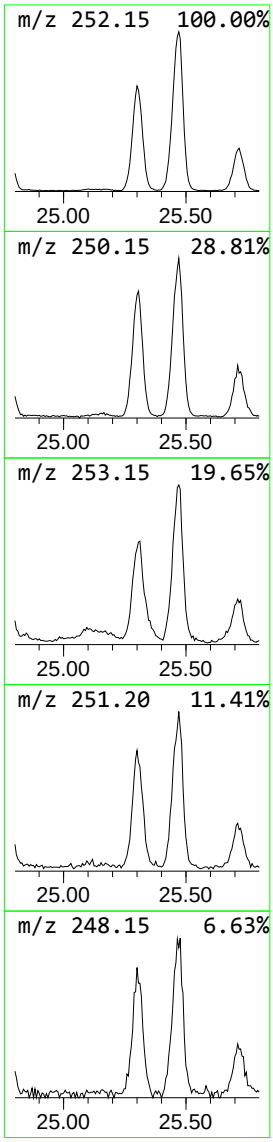
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.300	41.75 ng	540188	Perylene-d12	25.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	81
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76
5	Benzo[k]fluoranthene	252	C20H12	000207-08-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

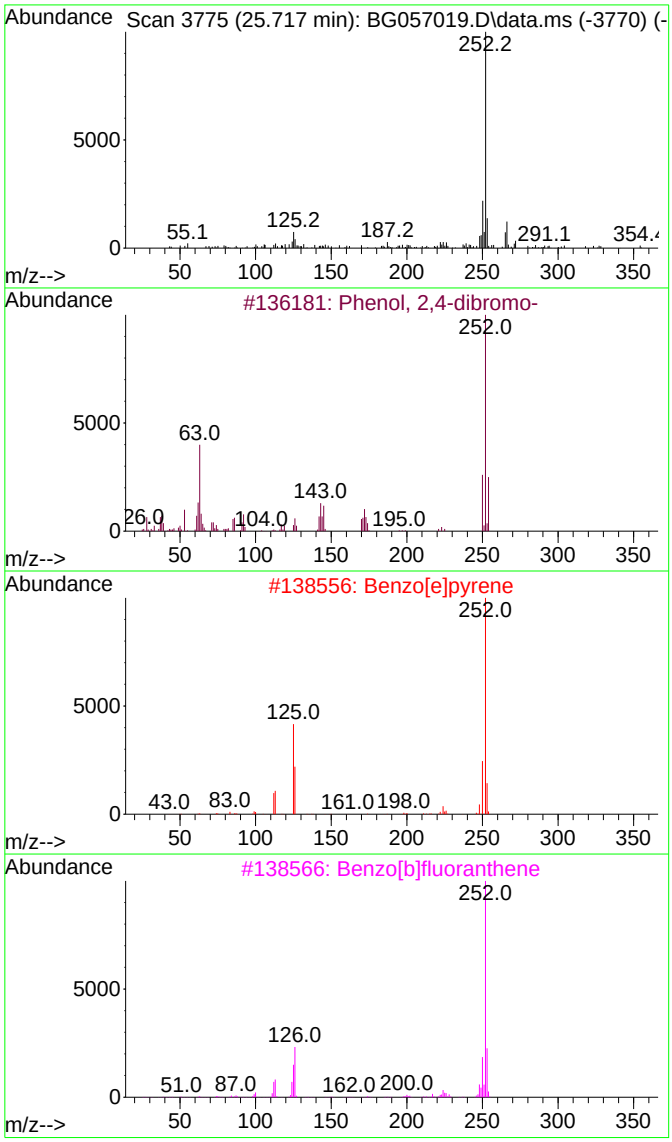
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

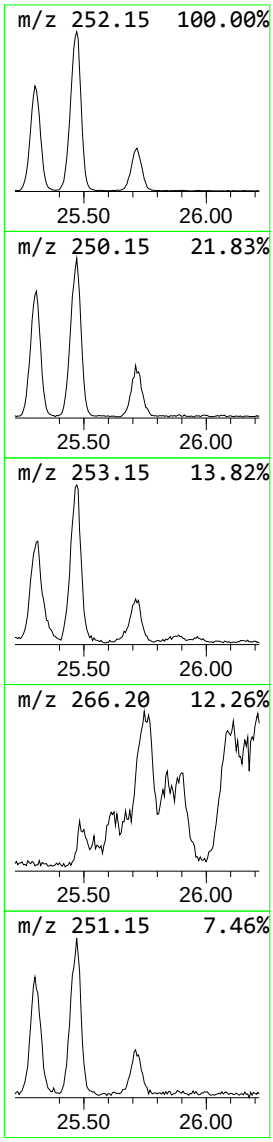
****

Peak Number 20 Phenol, 2,4-dibromo- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.717	20.50 ng	265187	Perylene-d12	25.629

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 2,4-dibromo-	250	C6H4Br2O	000615-58-7	53
2	Benzo[e]pyrene	252	C20H12	000192-97-2	52
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	47
4	2-[Cyclopropyl-(2,2,2-trifluoroe...	280	C16H15F3O	1000211-04-4	47
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	47





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040623\
Data File : BG057019.D
Acq On : 6 Apr 2023 19:44
Operator : CG/JU
Sample : 02126-04 2X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RS-D

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG033023.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
2-Pentanone, 4-...	5.439	12.5	ng	75943	1	8.411	121368	20.0
unknown16.353	16.353	2.7	ng	33080	3	15.020	241973	20.0
1H-Indene, 2-ph...	18.627	6.9	ng	98750	4	17.763	287466	20.0
Anthracene, 2-m...	18.674	8.3	ng	118528	4	17.763	287466	20.0
Anthracene, 1-m...	18.756	3.3	ng	47856	4	17.763	287466	20.0
4H-Cyclopenta[d...	18.821	14.4	ng	206343	4	17.763	287466	20.0
Phenanthrene, 1...	18.856	4.7	ng	67972	4	17.763	287466	20.0
5,16[1',2']:8,1...	19.108	5.1	ng	72885	4	17.763	287466	20.0
9,10-Anthracene...	19.155	4.9	ng	70927	4	17.763	287466	20.0
Phenanthrene, 2...	19.526	10.6	ng	152856	4	17.763	287466	20.0
Phenanthrene, 2...	19.578	3.3	ng	48068	4	17.763	287466	20.0
Cyclopenta(def)...	19.672	9.5	ng	136037	4	17.763	287466	20.0
Pyrene, 1-methyl-	20.471	4.0	ng	237541	5	22.087	1176560	20.0
11H-Benzo[b]flu...	20.630	3.7	ng	219212	5	22.087	1176560	20.0
Pyrene, 2-methyl-	20.794	2.7	ng	160040	5	22.087	1176560	20.0
Benzo[b]naphtho...	21.634	3.5	ng	204115	5	22.087	1176560	20.0
Triphenylene, 2...	22.874	3.6	ng	214409	5	22.087	1176560	20.0
(1-Cyclopenteny...	24.777	13.2	ng	171044	6	25.629	258774	20.0
Perylene	25.300	41.8	ng	540188	6	25.629	258774	20.0
Phenol, 2,4-dib...	25.717	20.5	ng	265187	6	25.629	258774	20.0