LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG056625.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.241	324	332	343	rBV	115749	188803	3.66%	0.328%
2	5.734	408	416	433	rBV	470180	798007	15.47%	1.385%
3	7.368	685	694	708	rBV	467772	827571	16.05%	1.437%
4	8.208	831	837	845	rBV	137319	232937	4.52%	0.404%
5	9.389	1030	1038	1049	rBV	289397	516187	10.01%	0.896%
6	11.040	1311	1319	1325	rBV	179313	319983	6.20%	0.556%
7	11.093	1325	1328	1336	rVB	39310	60245	1.17%	0.105%
8	13.460	1724	1731	1739	rBV	1058125	1594578	30.92%	2.768%
9	14.565	1913	1919	1926	rBV	90913	180720	3.50%	0.314%
10	14.835	1960	1965	1971	rVB	305606	457024	8.86%	0.793%
11	14.900	1971	1976	1982	rVB	64466	97393	1.89%	0.169%
12	15.229	2023	2032	2038	rBV2	42326	77068	1.49%	0.134%
13	15.875	2136	2142	2152	rBV	68337	120336	2.33%	0.209%
14	16.175	2187	2193	2200	rVB2	86615	151674	2.94%	0.263%
15	16.322	2212	2218	2225	rBV	672709	1066958	20.69%	1.852%
16	17.097	2343	2350	2354	rBV5	36805	75768	1.47%	0.132%
17	17.144	2354	2358	2366	rVV3	30487	71337	1.38%	0.124%
18	17.232	2366	2373	2378	rVV2	50207	89229	1.73%	0.155%
19	17.291	2378	2383	2396	rVV8	36514	110509	2.14%	0.192%
20	17.397	2396	2401	2407	rVB	58796	96943	1.88%	0.168%
21	17.579	2426	2432	2435	rBV	364535	574884	11.15%	0.998%
22	17.620	2435	2439	2446	rVB	1184074	1702263	33.01%	2.955%
23	17.708	2449	2454	2461	rBV	290476	430966	8.36%	0.748%
24	17.979	2492	2500	2505	rBV2	106159	219135	4.25%	0.380%
25	18.084	2514	2518	2522	rBV	58072	79117	1.53%	0.137%
26	18.161	2527	2531	2537	rVB3	33273	54158	1.05%	0.094%
27	18.449	2573	2580	2584	rBV	212527	369885	7.17%	0.642%
28	18.496	2584	2588	2593	rVB	288898	413417	8.02%	0.718%
29	18.578	2597	2602	2607	rVB	116142	166782	3.23%	0.290%
30	18.643	2607	2613	2617	rBV3	314146	658901	12.78%	1.144%
31	18.678	2617	2619	2623	rVB	142366	150749	2.92%	0.262%
32	18.936	2658	2663	2667	rBV	199540	290566	5.63%	0.504%
33	18.989	2667	2672	2678	rVB	115234	161541	3.13%	0.280%
34	19.177	2701	2704	2708	rVB2	64160	83707	1.62%	0.145%
35	19.230	2709	2713	2716	rBV	60228	72092	1.40%	0.125%
36	19.265	2716	2719	2726	rVB	56700	72481	1.41%	0.126%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-05-5.0-7.0

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.348	2727	2733	2737	rBV	170865	309497	6.00%	0.537%
38	19.500	2754	2759	2766	rVB2	155568	277481	5.38%	0.482%
39	19.624	2772	2780	2785	rBV	3502738	5157407	100.00%	8.954%
40	19.665	2785	2787	2790	rVV2	48658	56279	1.09%	0.098%
41	19.706	2791	2794	2799	rVV2	65765	94166	1.83%	0.163%
42	19.765	2801	2804	2808	rVV	84357	105690	2.05%	0.183%
43	19.859	2816	2820	2829	rVB3	123068	274094	5.31%	0.476%
44	19.947	2829	2835	2837	rBV2	548608	899040	17.43%	1.561%
45	19.988	2837	2842	2847	rVV	3406800	5094307	98.78%	8.844%
46	20.041	2847	2851	2858	rVB	175560	257657	5.00%	0.447%
47	20.158	2865	2871	2876	rBV2	1737475	2300462	44.61%	3.994%
48	20.217	2877	2881	2886	rVB	157093	250592	4.86%	0.435%
49	20.299	2888	2895	2900	rBV2	262295	602911	11.69%	1.047%
50	20.352	2901	2904	2910	rBV4	46604	85965	1.67%	0.149%
51	20.435	2911	2918	2919	rBV5	219229	409695	7.94%	0.711%
52	20.464	2919	2923	2927	rVB	423483	628660	12.19%	1.091%
53	20.558	2935	2939	2943	rBV	287806	409037	7.93%	0.710%
54	20.623	2943	2950	2953	rVV2	367200	636696	12.35%	1.105%
55	20.652	2953	2955	2958	rVV	84625	92514	1.79%	0.161%
56	20.693	2959	2962	2967	rVB3	90721	136265	2.64%	0.237%
57	20.764	2969	2974	2977	rVV	226298	326091	6.32%	0.566%
58	20.805	2977	2981	2988	rVB	225882	387800	7.52%	0.673%
59	20.881	2991	2994	2998	rBV3	244280	304511	5.90%	0.529%
60	21.234	3050	3054	3062	rVB	284217	451212	8.75%	0.783%
61	21.428	3078	3087	3091	rBV3	323693	845481	16.39%	1.468%
62	21.469	3091	3094	3098	rVV	312747	456581	8.85%	0.793%
63	21.522	3098	3103	3108	rVV2	419040	742295	14.39%	1.289%
64	21.586	3110	3114	3119	rVB	269407	432854	8.39%	0.751%
65	21.845	3152	3158	3165	rBV3	1914378	4150147	80.47%	7.205%
66	21.915	3165	3170	3181	rVB	1701553	3088051	59.88%	5.361%
67	22.074	3191	3197	3204	rBV	345281	627660	12.17%	1.090%
68	22.138	3204	3208	3213	rBV	164932	328245	6.36%	0.570%
69	22.285	3228	3233	3239	rVB2	222188	443014	8.59%	0.769%
70	22.532	3272	3275	3279	rBV2	86596	135865	2.63%	0.236%
71	22.620	3281	3290	3295	rVB	351671	813973	15.78%	1.413%
72	22.908	3335	3339	3344	rBV3	141069	278901	5.41%	0.484%
73	24.183	3546	3556	3563	rBV	1313567	4578838	88.78%	7.949%
74	24.442	3594	3600	3608	rVB	306501	672234	13.03%	1.167%
75	24.941	3677	3685	3699	rVB2	825286	2607662	50.56%	4.527%
76	25.111	3703	3714	3724	rVB	1343664	3882307	75.28%	6.740%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

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-BG012723.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	25.341	3746	3753	3766	rVB3	416141	1335586	25.90%	2.319%

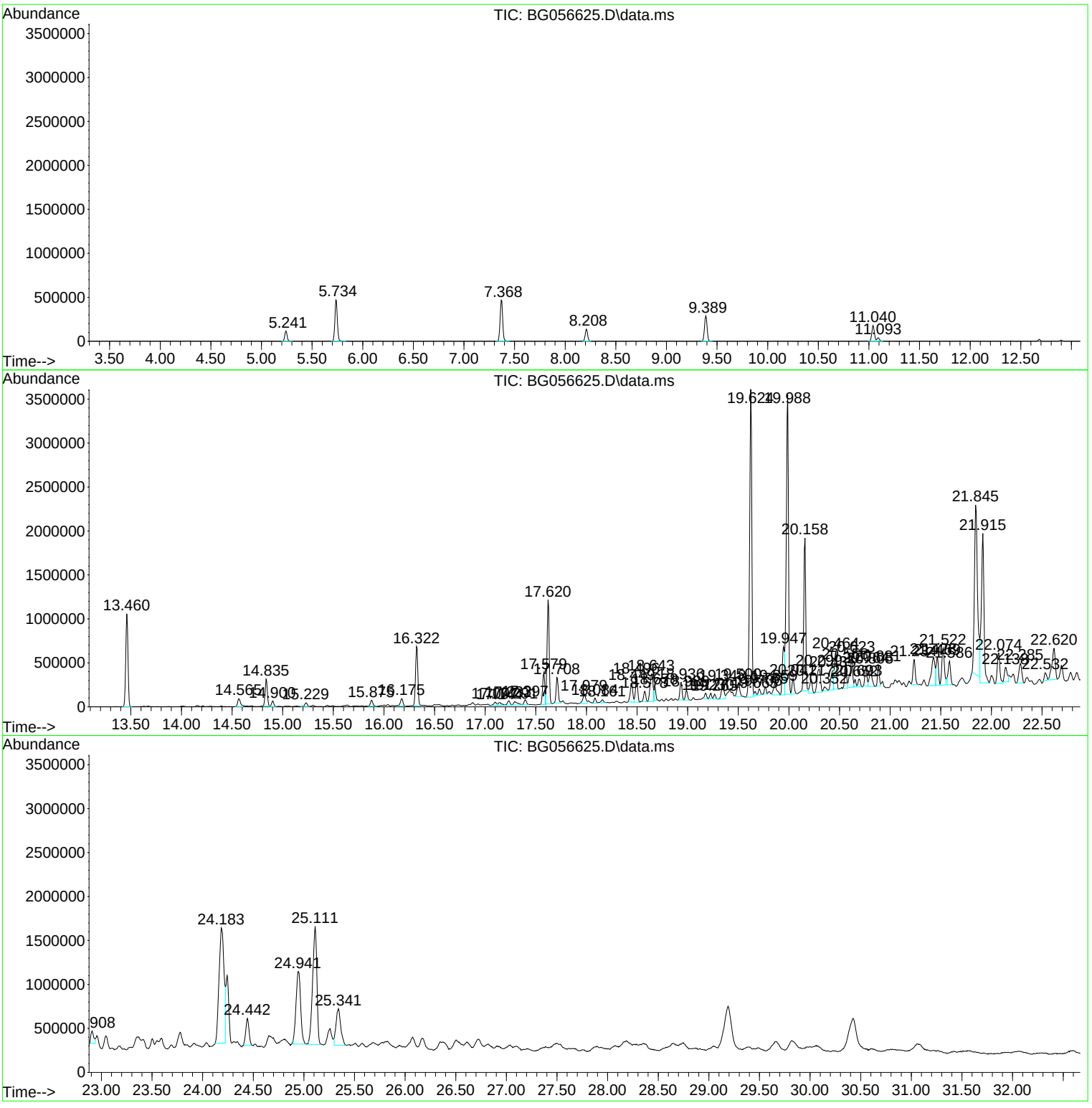
Sum of corrected areas: 57601637

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

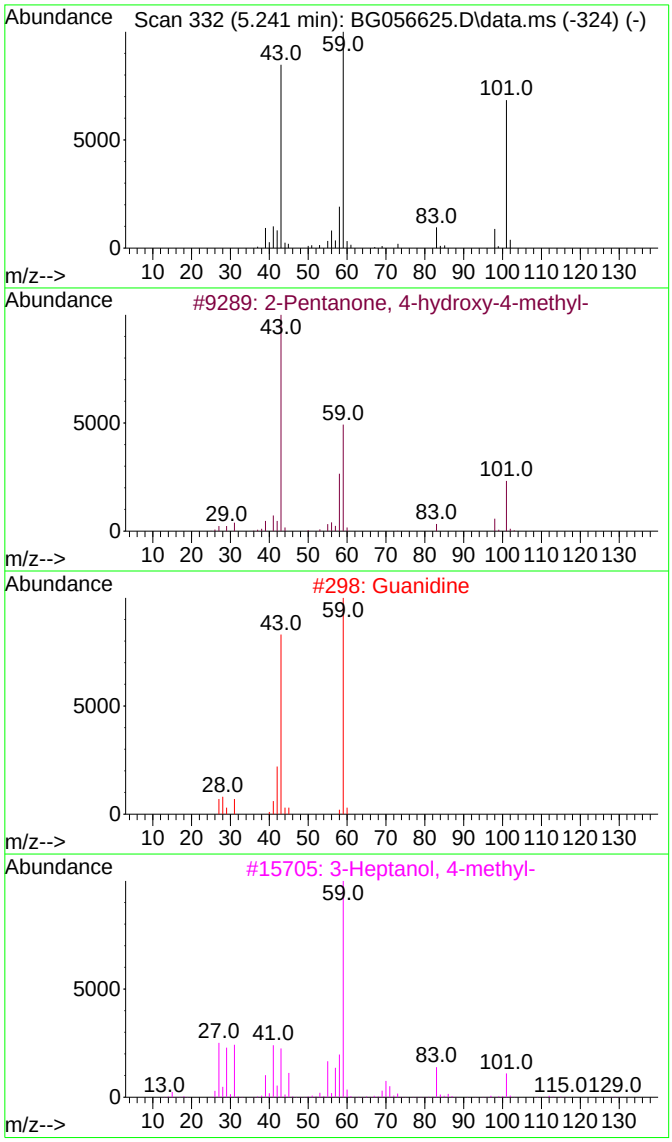
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

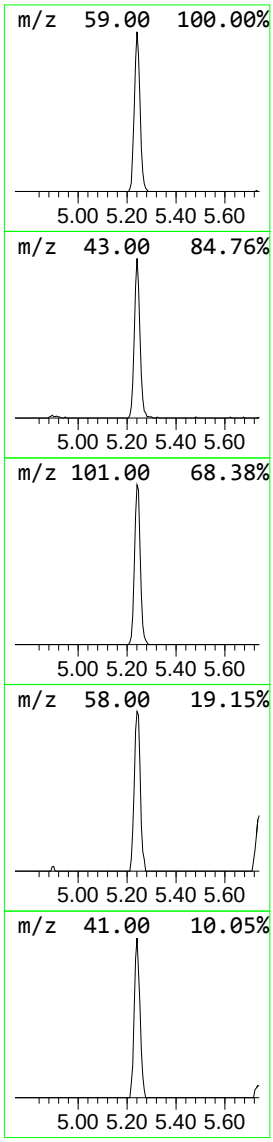
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.241	16.21 ng	188803	1,4-Dichlorobenzene-d4	8.208

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Guanidine	59	CH5N3	000113-00-8	37
3	3-Heptanol, 4-methyl-	130	C8H18O	014979-39-6	28
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	25
5	Propane, 1-ethoxy-2-methyl-	102	C6H14O	000627-02-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

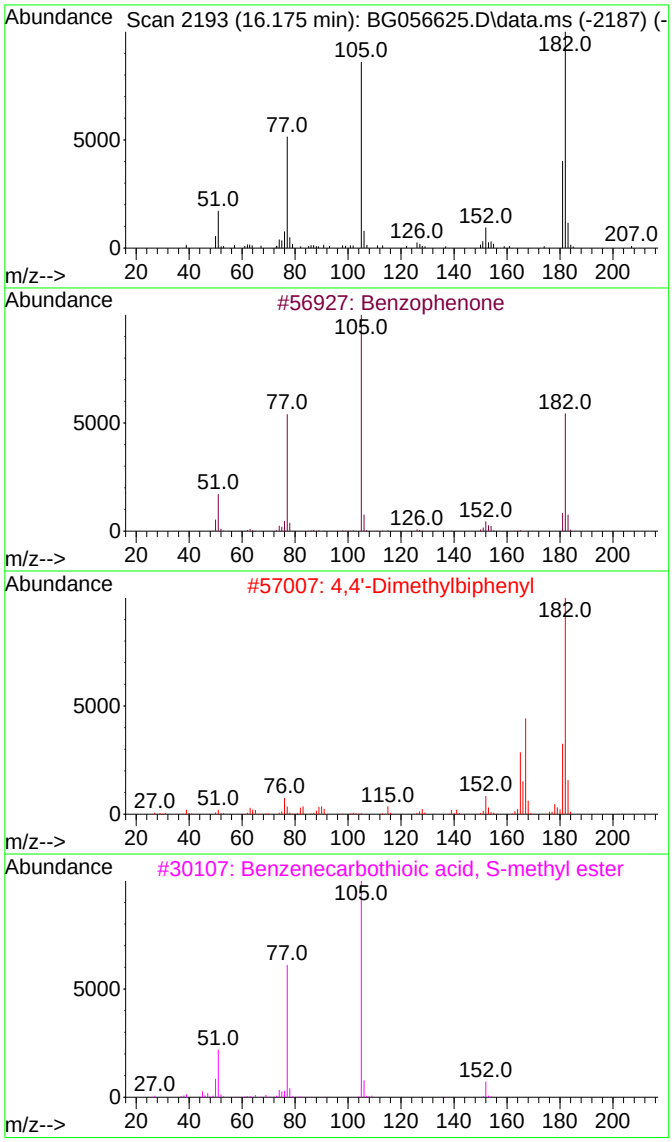
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

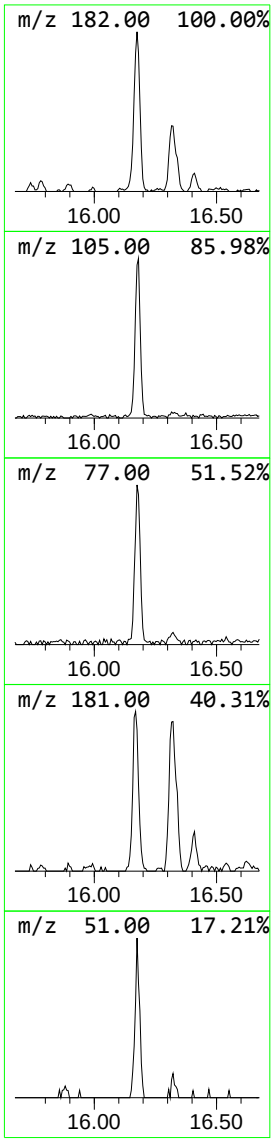
****

Peak Number 2 Benzophenone Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.175	6.64 ng	151674	Acenaphthene-d10	14.835

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	91
2	4,4'-Dimethylbiphenyl	182	C14H14	000613-33-2	43
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	30
4	t-Butyldiphenylmethanol	240	C17H20O	001657-60-9	27
5	Glyoxylohydroximoyl chloride, 2-...	183	C8H6ClNO2	004937-87-5	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

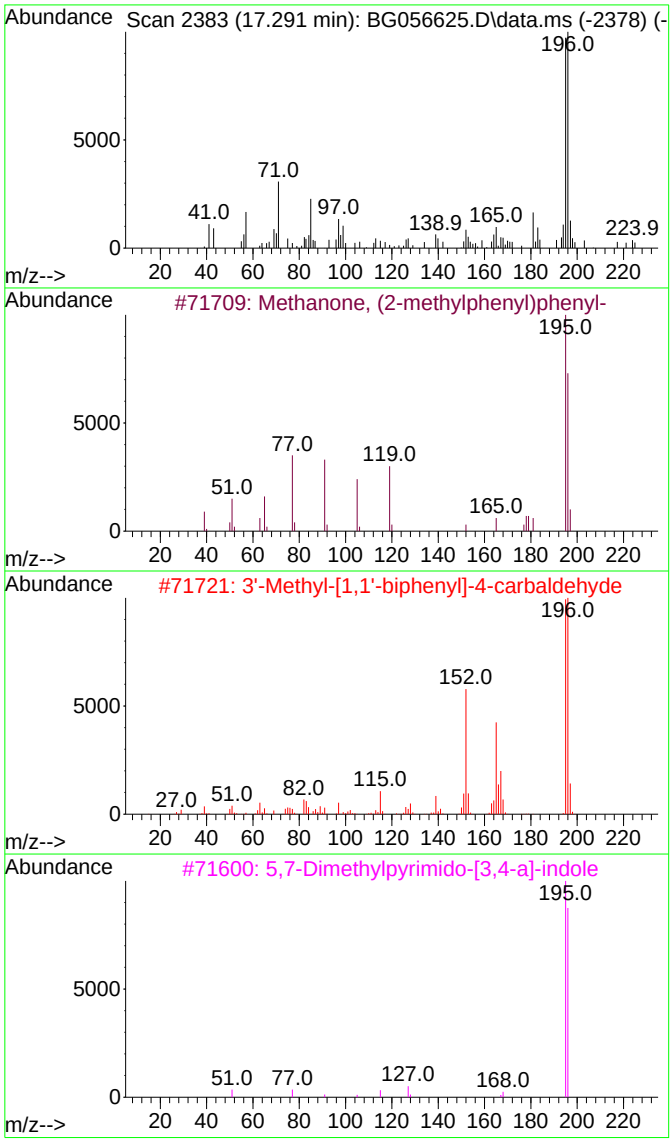
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

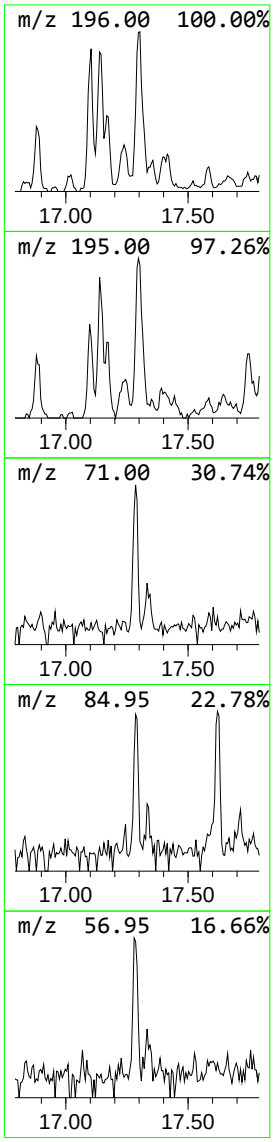
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Methanone, (2-methylphenyl)... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.291	3.84 ng	110509	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methanone, (2-methylphenyl)phenyl-	196	C14H12O	000131-58-8	59
2	3'-Methyl-[1,1'-biphenyl]-4-carb...	196	C14H12O	400744-83-4	53
3	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
4	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	49
5	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

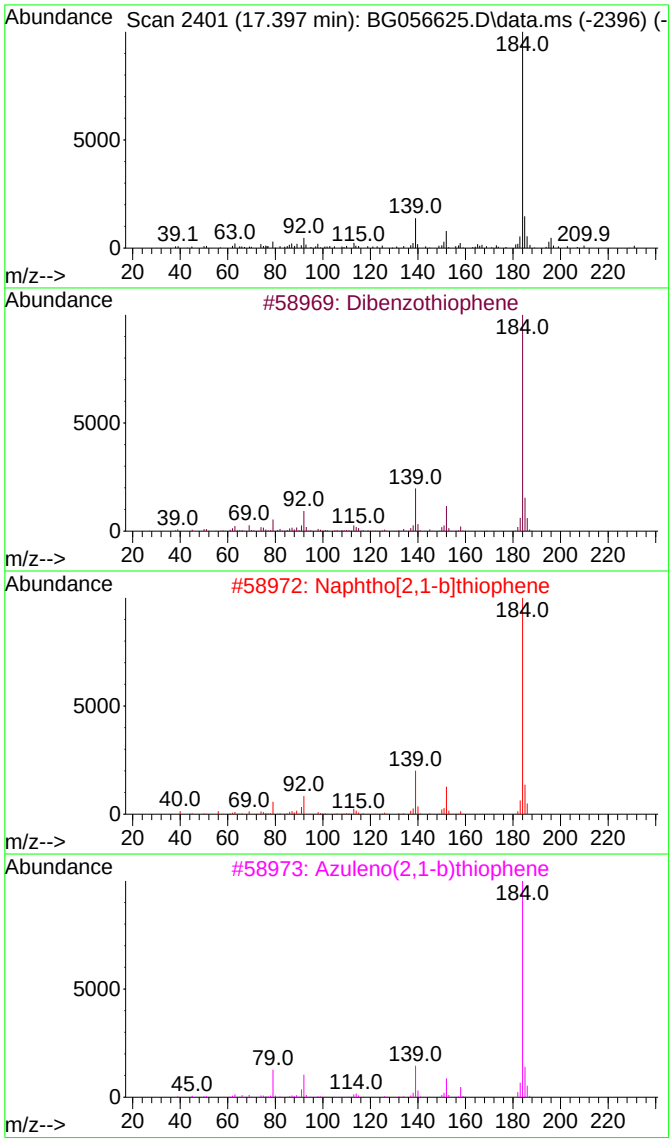
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

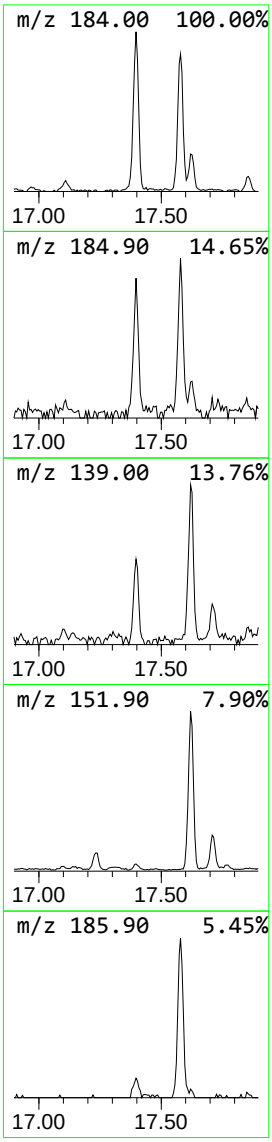
****

Peak Number 4 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.397	3.37 ng	96943	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

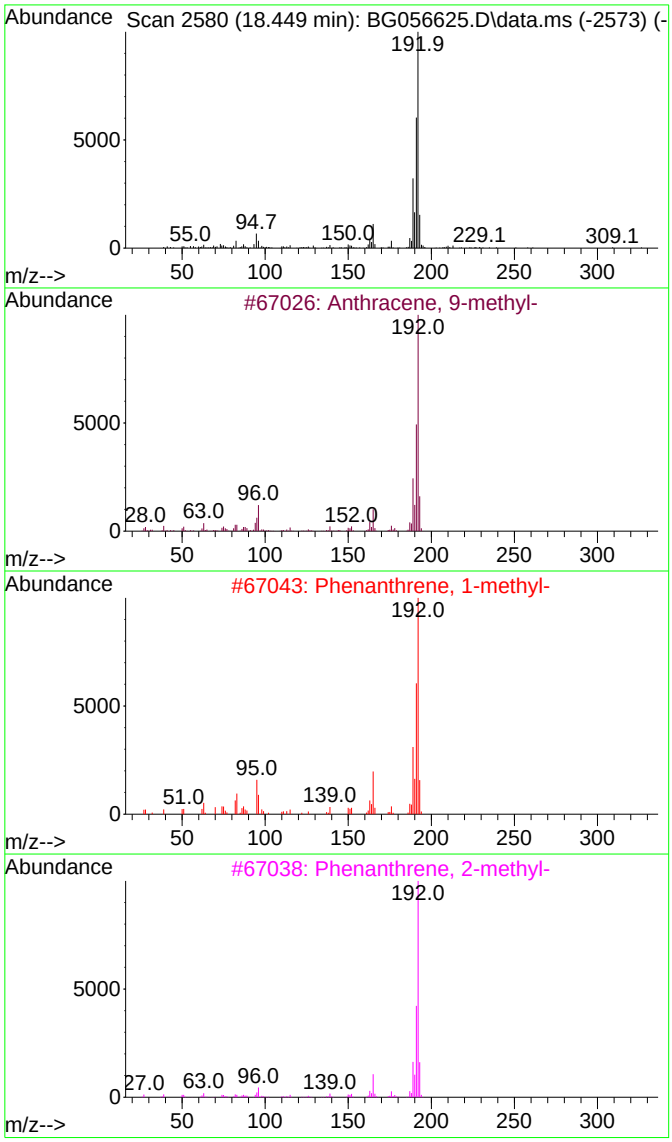
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

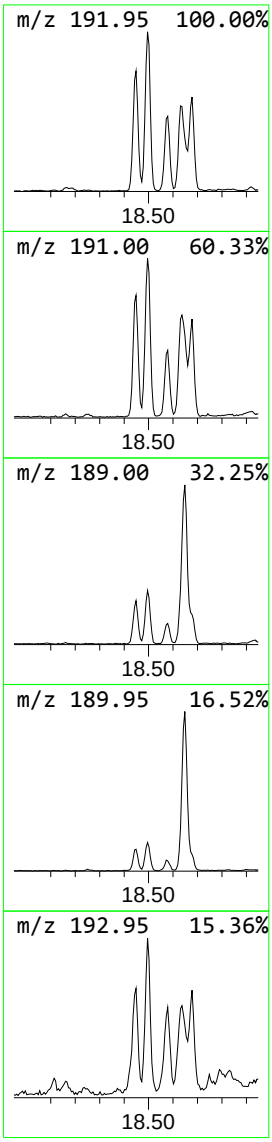
****

Peak Number 5 Anthracene, 9-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.449	12.87 ng	369885	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

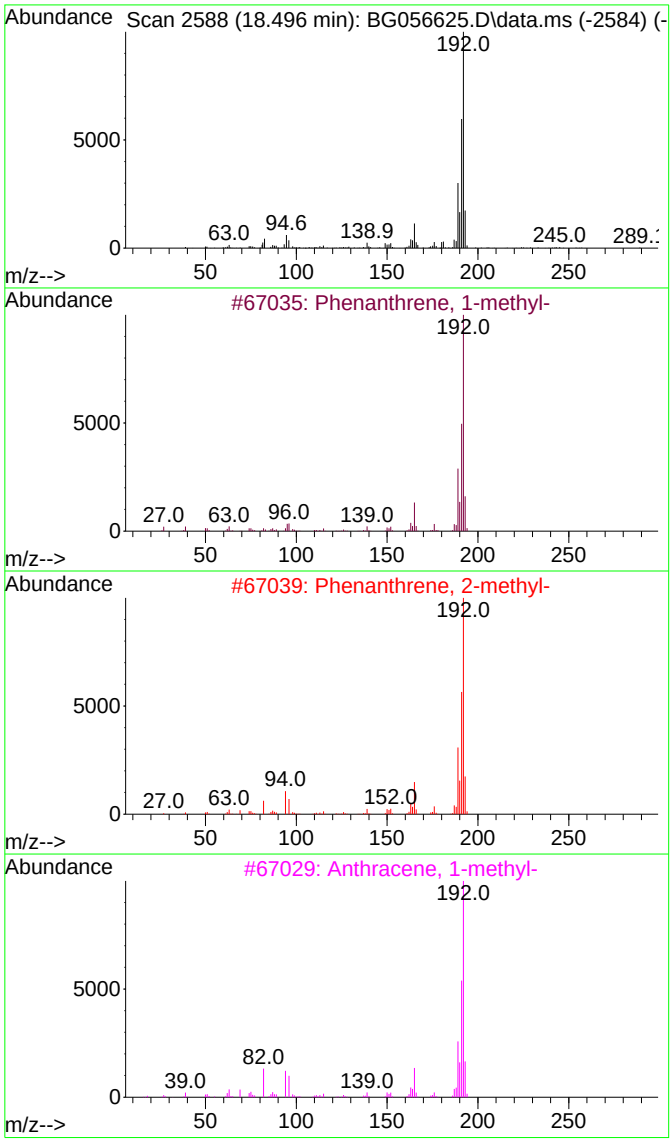
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

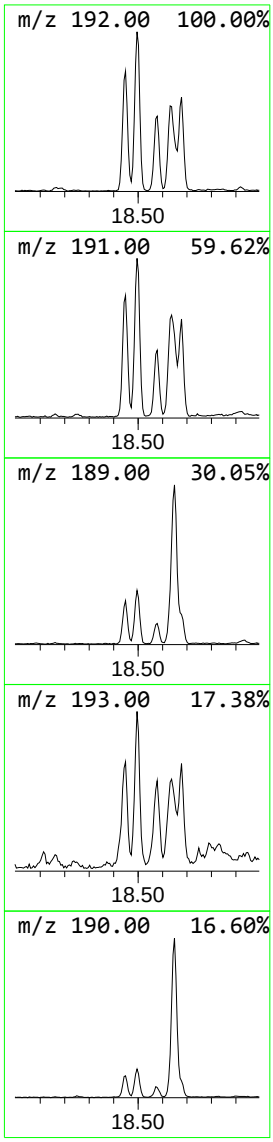
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.496	14.38 ng	413417	Phenanthrene-d10	17.579

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	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





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Operator : CG/JU
Sample : 01529-08
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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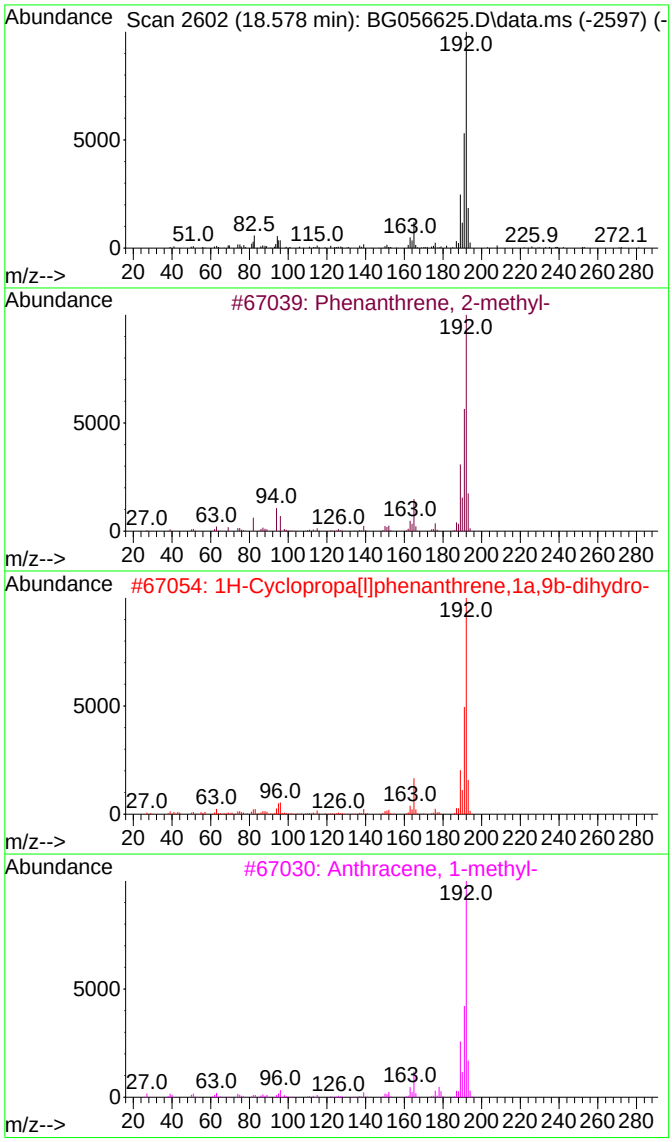
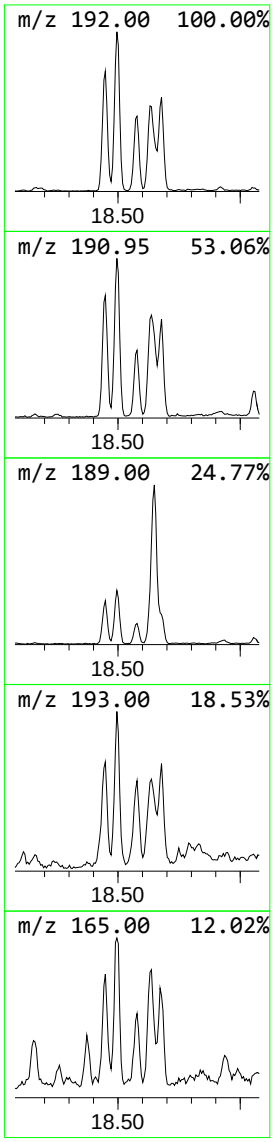
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.578	5.80 ng	166782	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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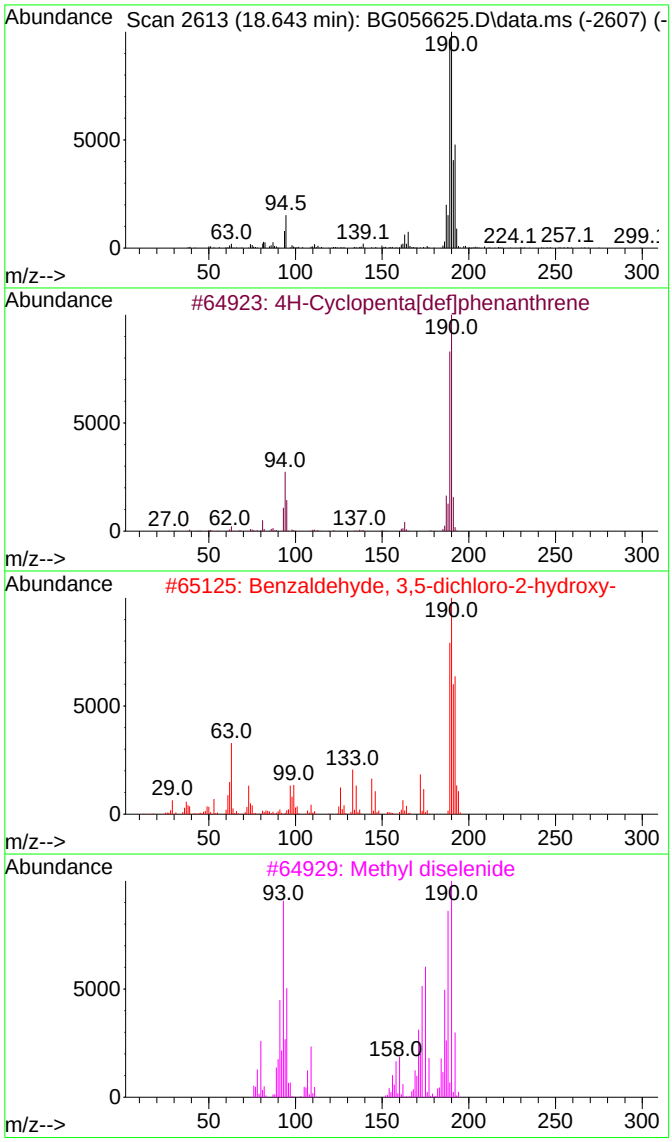
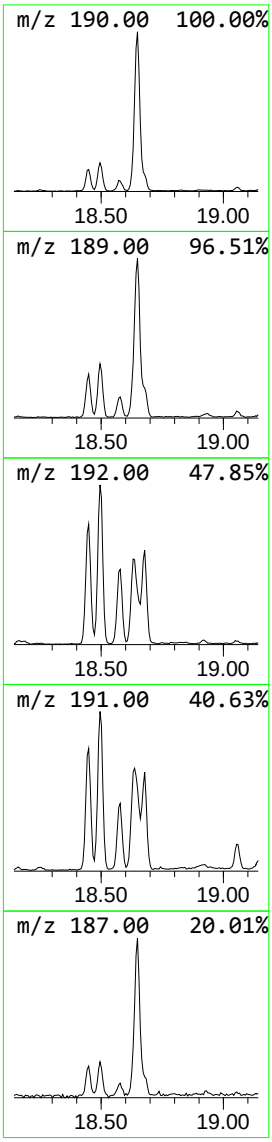
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.643	22.92 ng	658901	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	50
3	Methyl diselenide	190	C2H6Se2	007101-31-7	45
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
5	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	40





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Misc :
ALS Vial : 8 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

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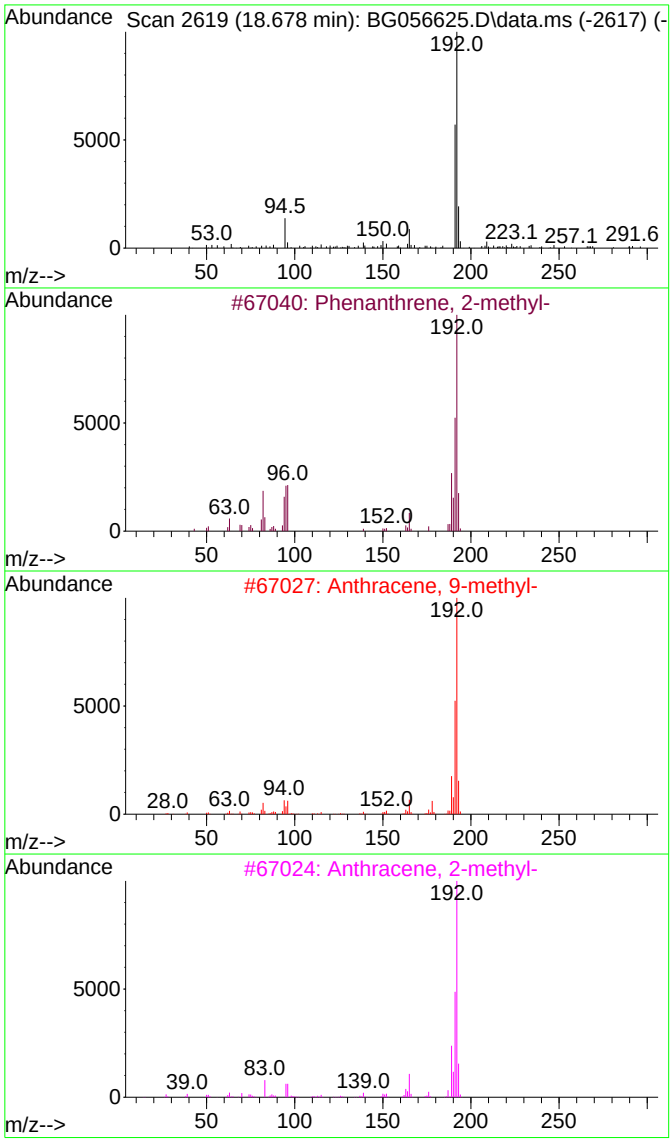
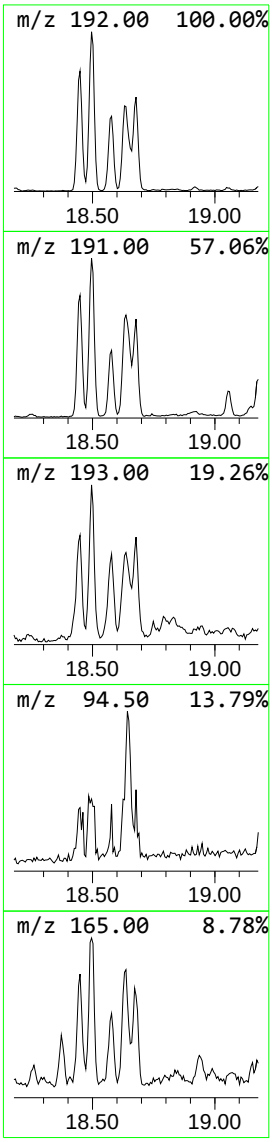
Peak Number 9 Anthracene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.678	5.24 ng	150749	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	86
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	80
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	80





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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

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

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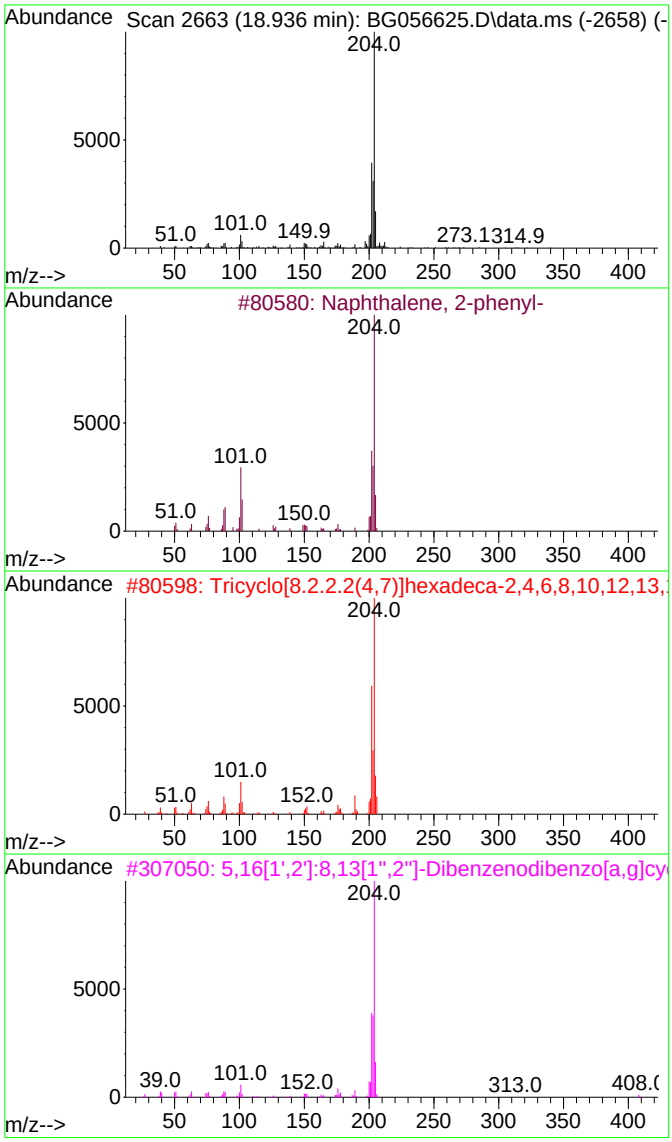
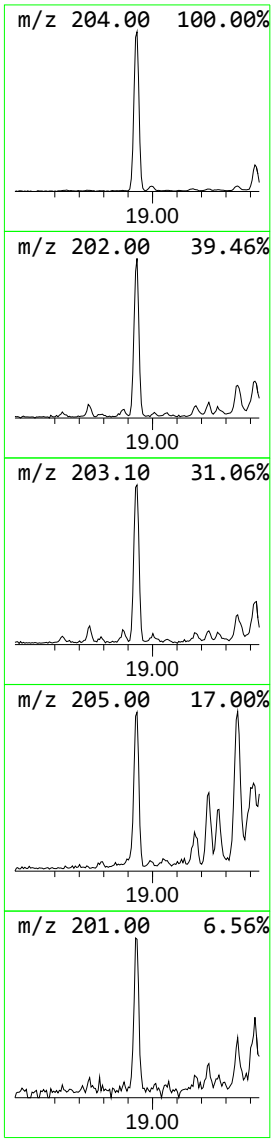
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.936	10.11 ng	290566	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	49
4	1,4-Ethenoanthracene, 1,4-dihydro-	204	C16H12	027765-96-4	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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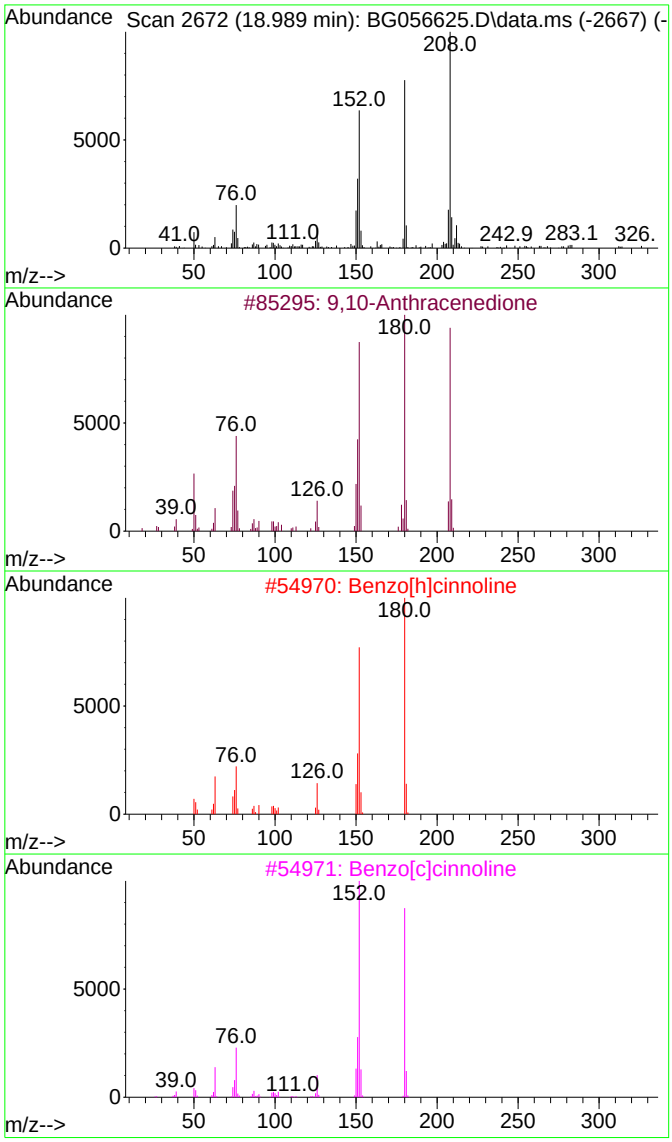
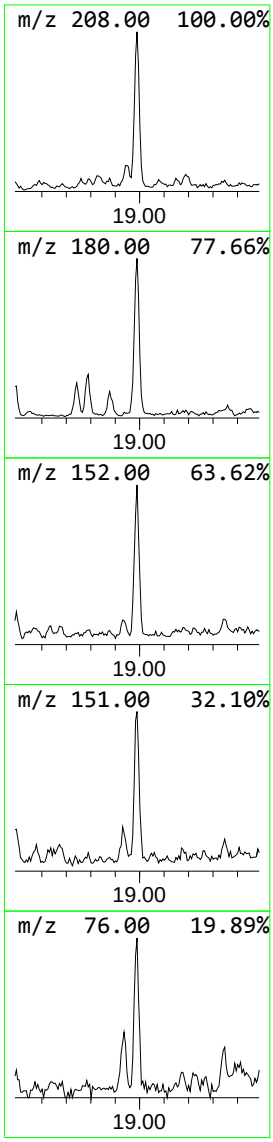
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.989	5.62 ng	161541	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	5,6-Dimethyl-1,10-phenanthroline	208	C14H12N2	003002-81-1	53





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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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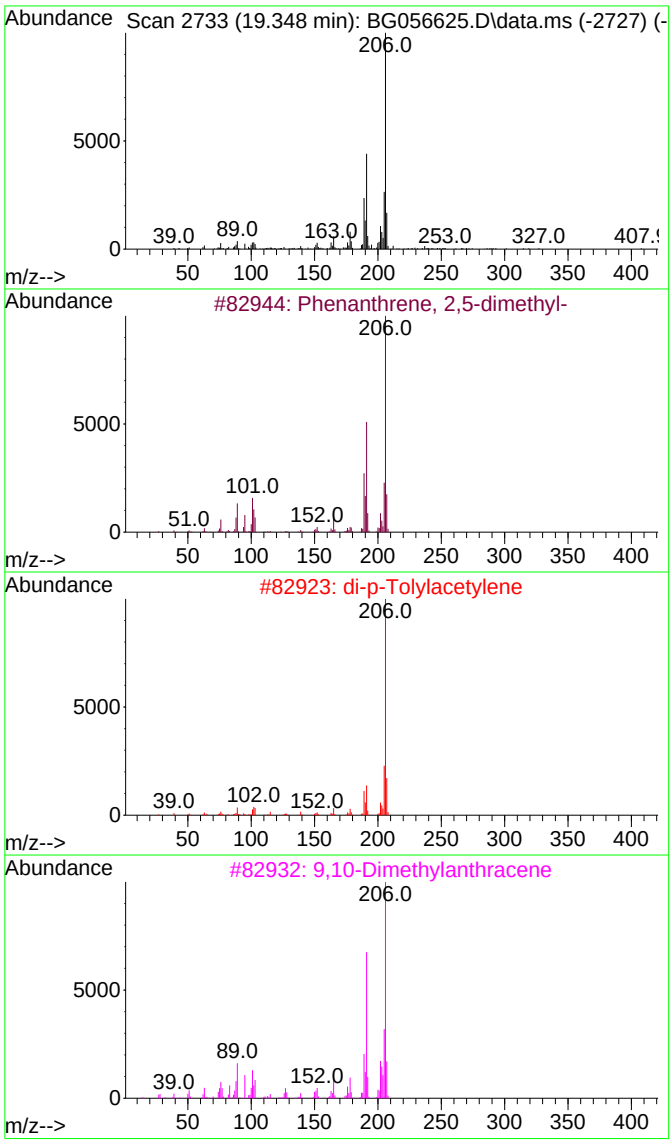
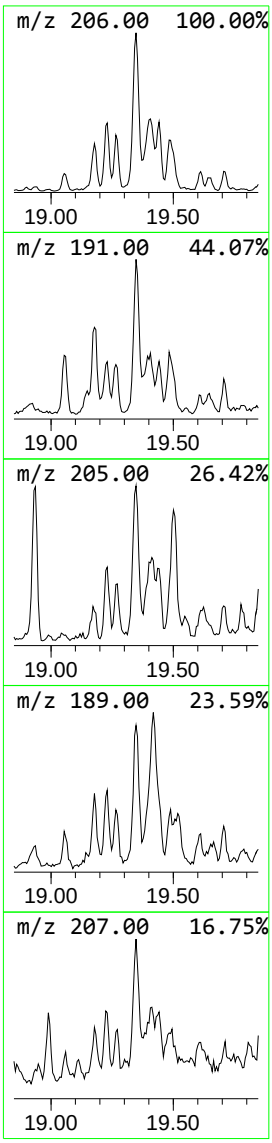
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.348	10.77 ng	309497	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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Misc :
ALS Vial : 8 Sample Multiplier: 1

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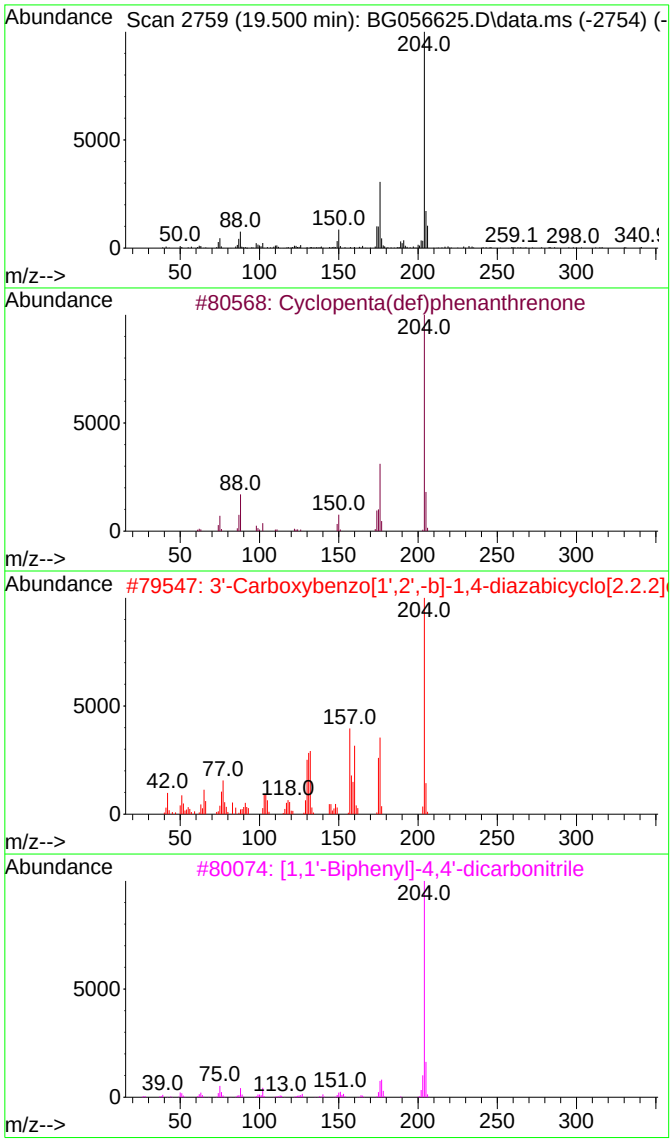
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

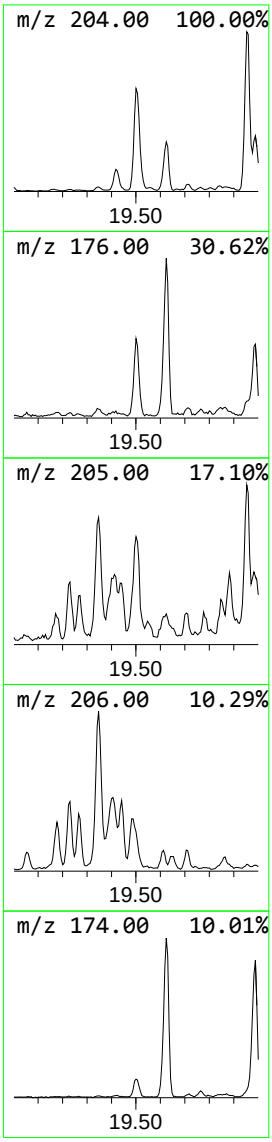
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.500	9.65 ng	277481	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	3'-Carboxybenzo[1',2',-b]-1,4-di...	204	C11H12N2O2	138023-41-3	58
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	50
5	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50





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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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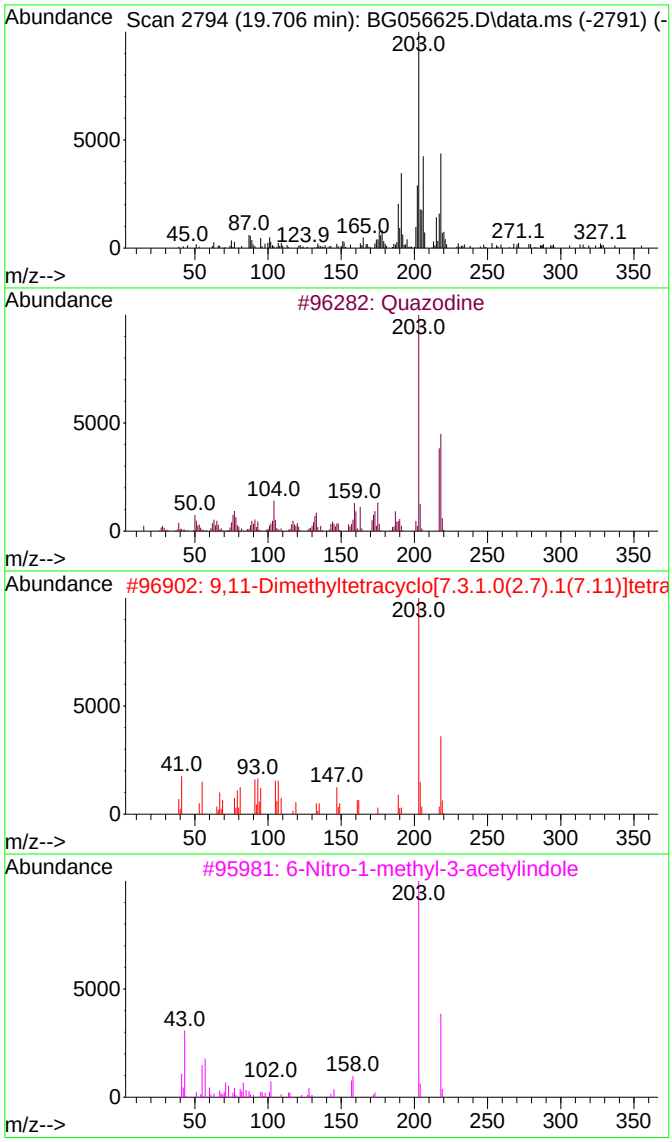
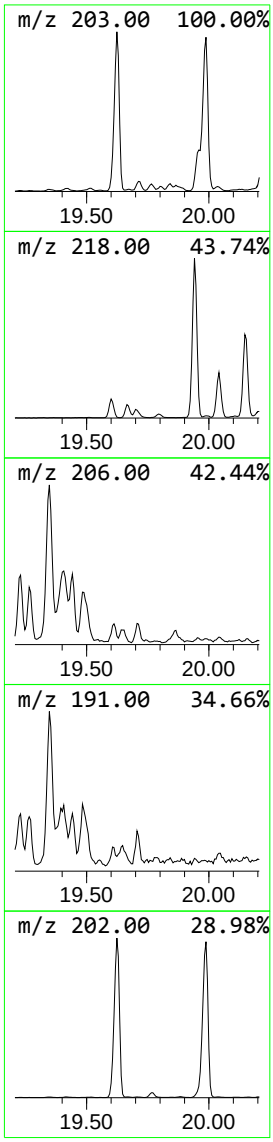
Peak Number 14 Quazodine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.706	3.28 ng	94166	Phenanthrene-d10	17.579

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Quazodine	218	C12H14N2O2	004015-32-1	38
2	9,11-Dimethyltetracyclo[7.3.1.0(...	218	C16H26	053263-99-3	38
3	6-Nitro-1-methyl-3-acetylindole	218	C11H10N2O3	036710-25-5	35
4	6-Quinoxalinol, TMS derivative	218	C11H14N2OSi	1000474-34-3	35
5	3-Acetyl-8-methoxycoumarin	218	C12H10O4	005452-39-1	35





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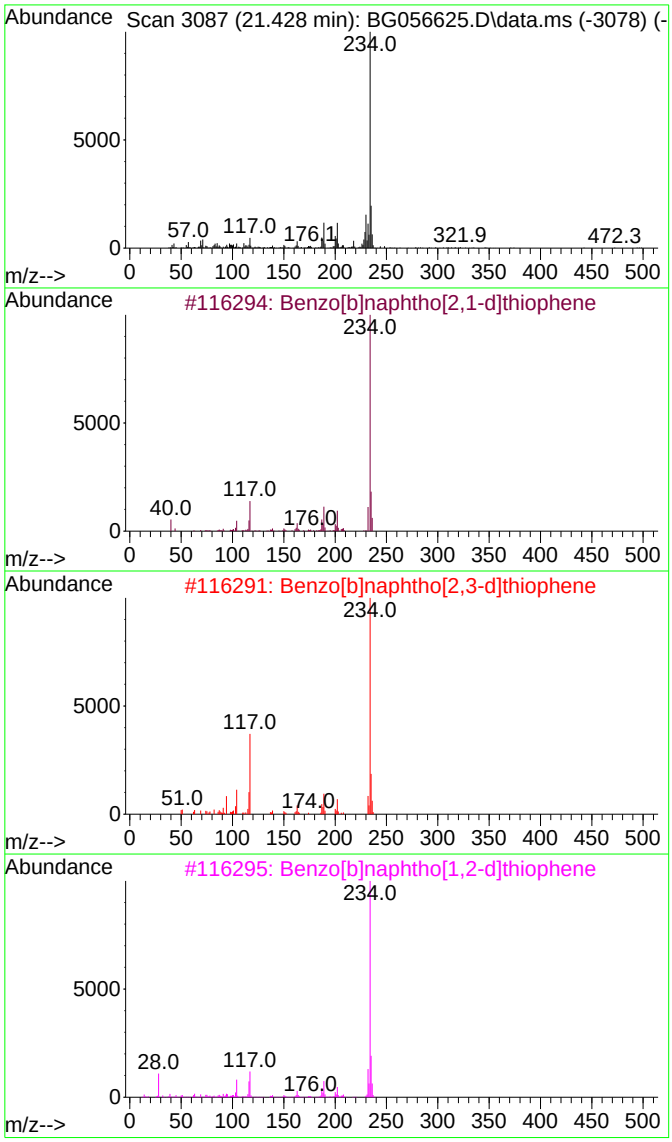
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

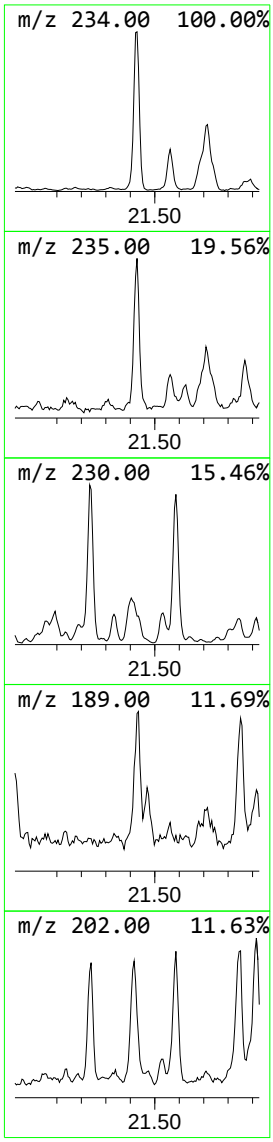
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.428	4.07 ng	845481	Chrysene-d12	21.862

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[2,3-d]thiophene	234	C16H10S	000243-46-9	87
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	74
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	68
5	Benz[a]anthracene, 1,4,7,8,11,12...	234	C18H18	016434-61-0	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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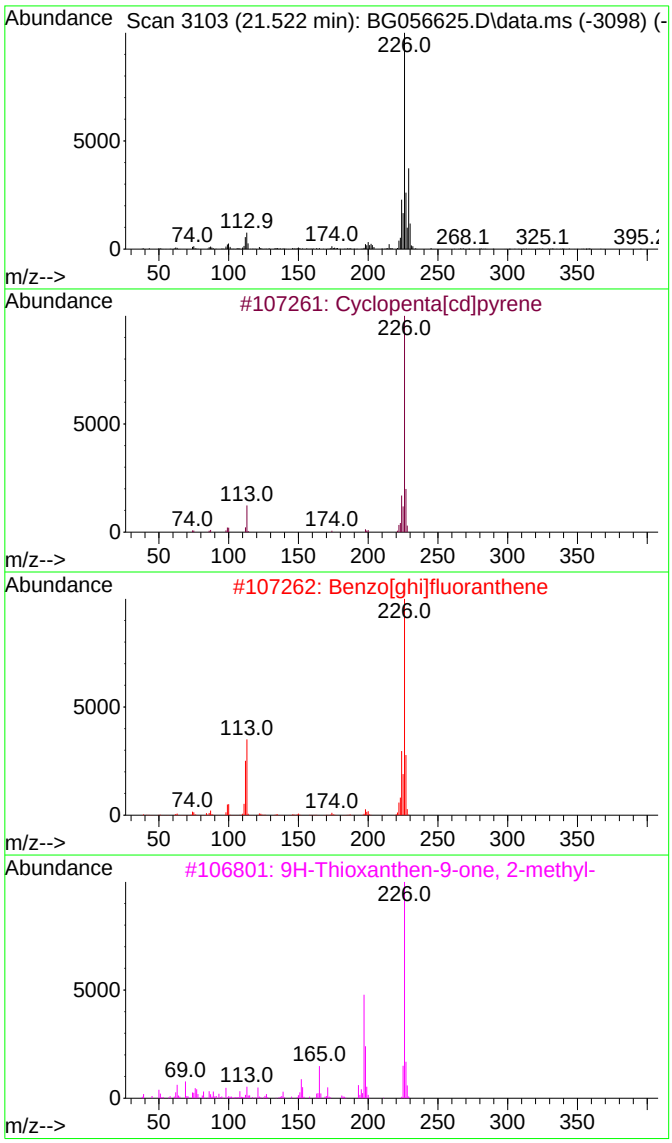
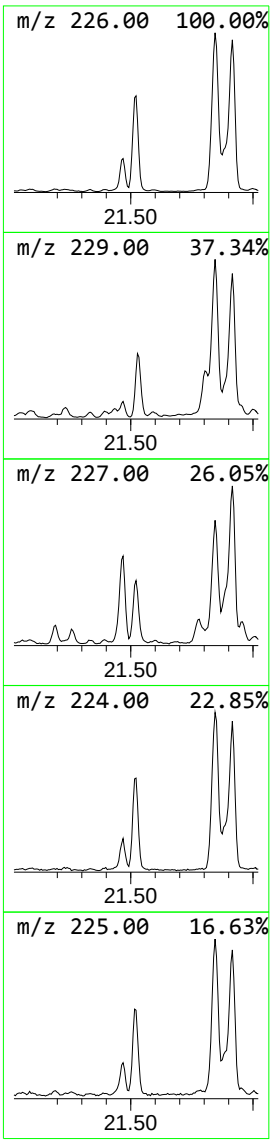
Peak Number 16 Cyclopenta[cd]pyrene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.522	3.58 ng	742295	Chrysene-d12	21.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	64
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	58
3	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10OS	015774-82-0	49
4	N,N-Dimethylindoaniline	226	C14H14N2O	002150-58-5	43
5	6-Methyl-4-phenyl-3-cyanopyridin...	226	C13H10N2S	078564-23-5	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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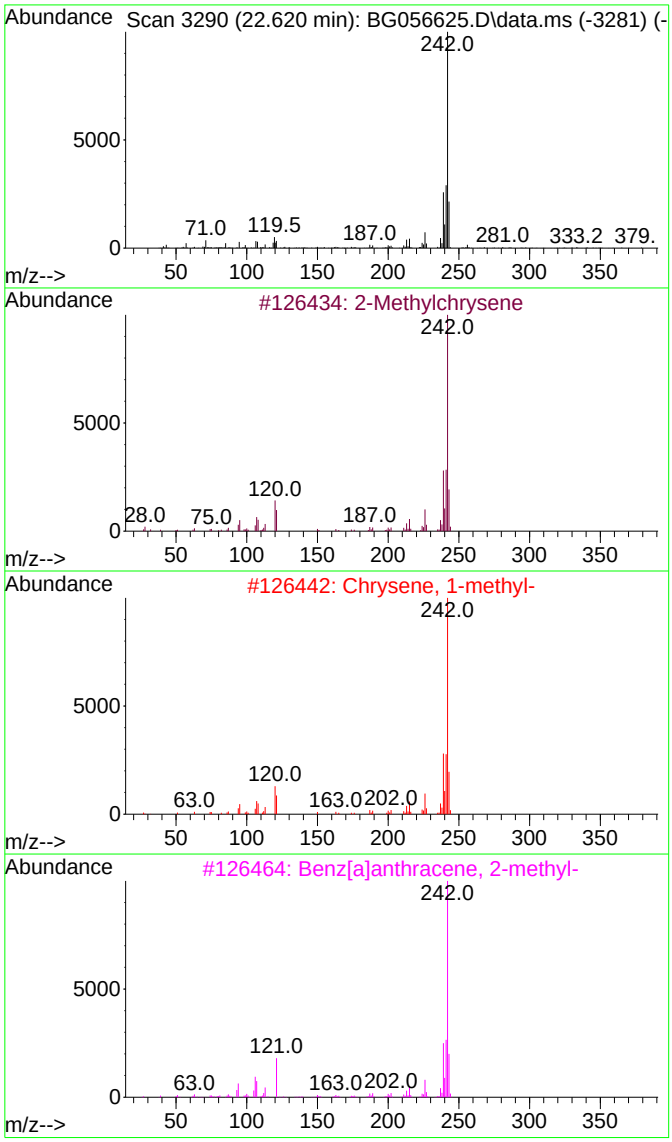
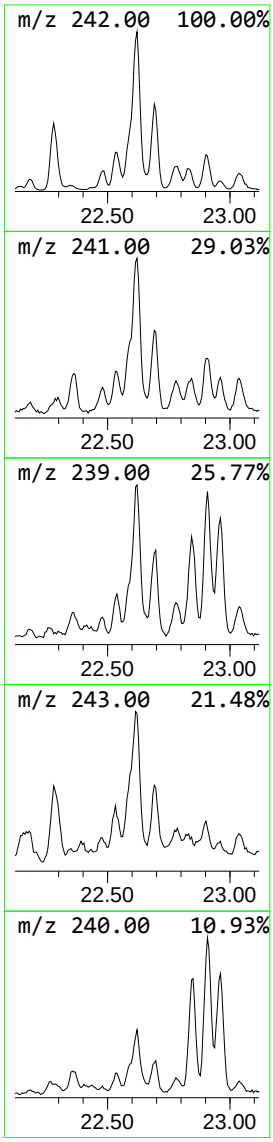
Peak Number 17 2-Methylchrysene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.620	3.92 ng	813973	Chrysene-d12	21.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methylchrysene	242	C19H14	003351-32-4	93
2	Chrysene, 1-methyl-	242	C19H14	003351-28-8	93
3	Benz[a]anthracene, 2-methyl-	242	C19H14	002498-76-2	93
4	Benz[a]anthracene, 8-methyl-	242	C19H14	002381-31-9	91
5	Triphenylene, 2-methyl-	242	C19H14	001705-84-6	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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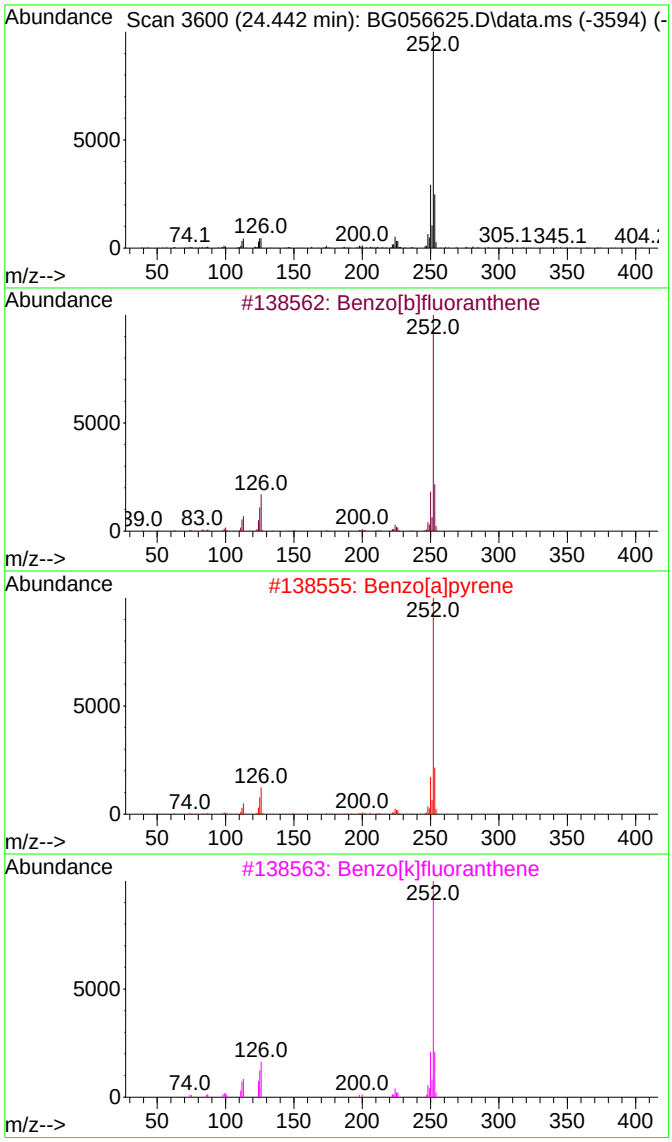
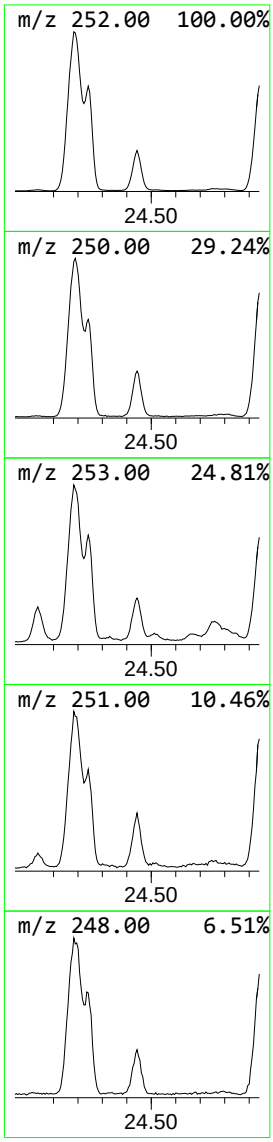
Peak Number 18 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.442	10.07 ng	672234	Perylene-d12	25.258

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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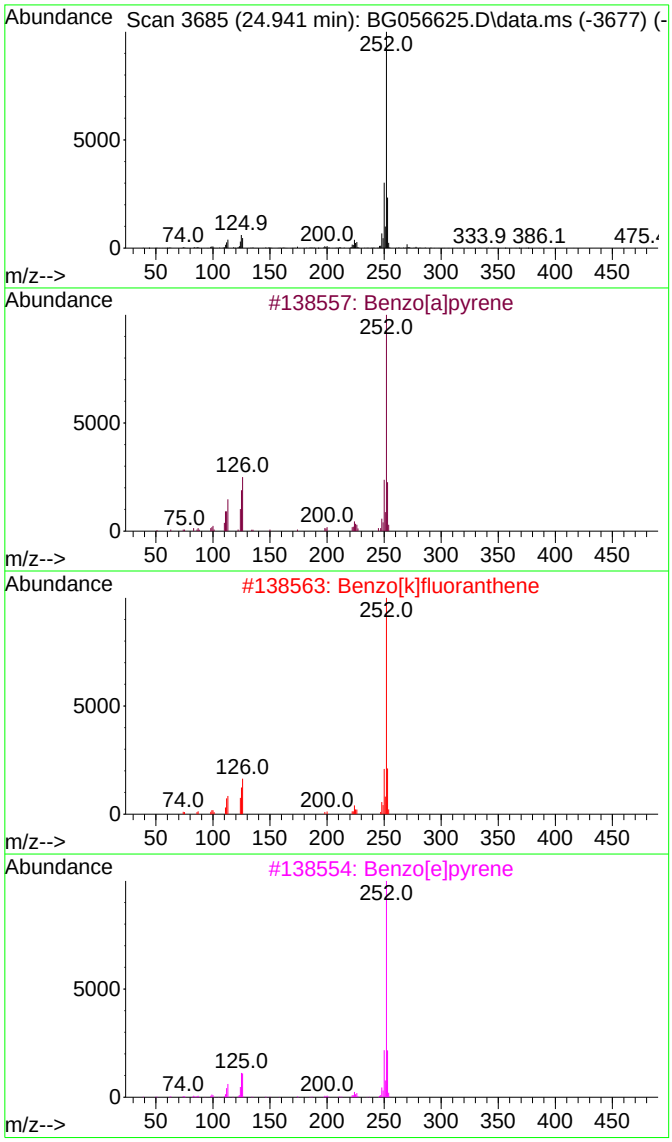
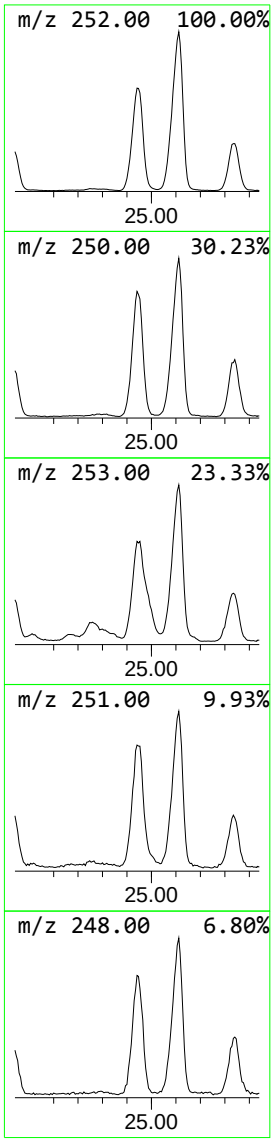
Peak Number 19 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.941	39.05 ng	2607660	Perylene-d12	25.258

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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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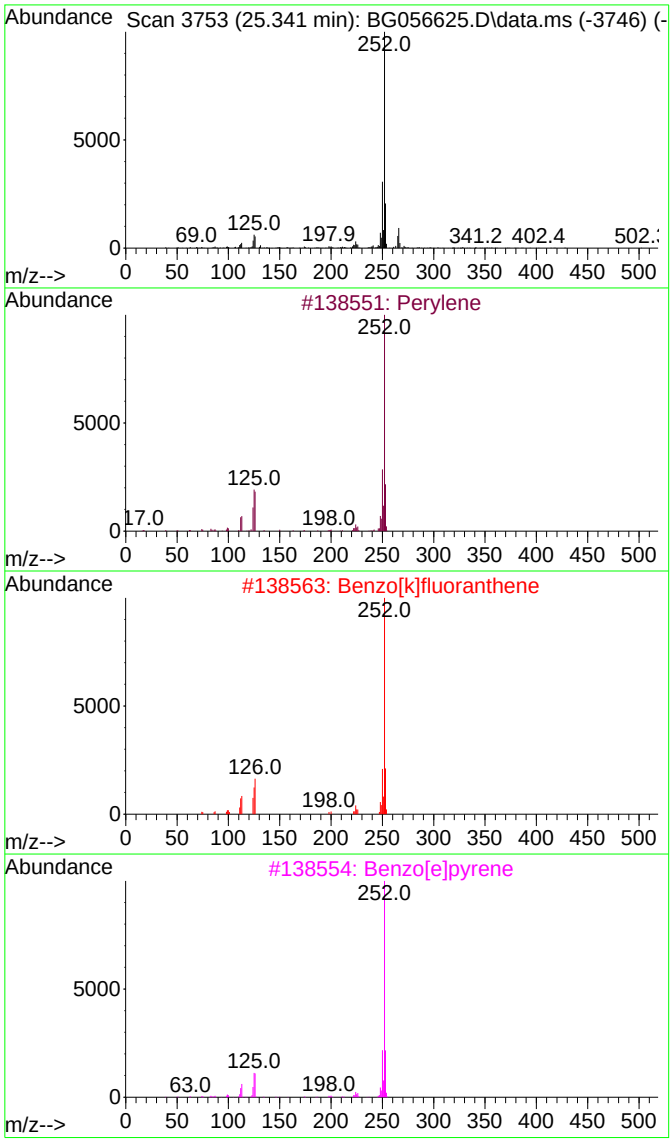
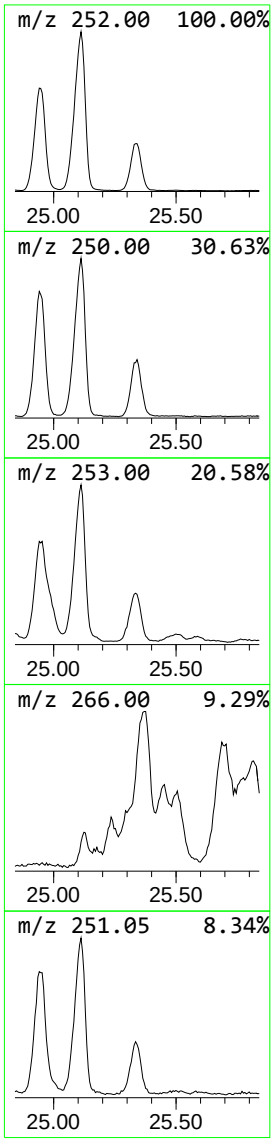
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.341	20.00 ng	1335590	Perylene-d12	25.258

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG021323\
Data File : BG056625.D
Acq On : 13 Feb 2023 18:47
Operator : CG/JU
Sample : 01529-08
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SB-05-5.0-7.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG012723.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-...	5.241	16.2	ng	188803	1	8.208	232937	20.0
Benzophenone	16.175	6.6	ng	151674	3	14.835	457024	20.0
Methanone, (2-m...	17.291	3.8	ng	110509	4	17.579	574884	20.0
Dibenzothiophene	17.397	3.4	ng	96943	4	17.579	574884	20.0
Anthracene, 9-m...	18.449	12.9	ng	369885	4	17.579	574884	20.0
Phenanthrene, 1...	18.496	14.4	ng	413417	4	17.579	574884	20.0
Phenanthrene, 2...	18.578	5.8	ng	166782	4	17.579	574884	20.0
4H-Cyclopenta[d...	18.643	22.9	ng	658901	4	17.579	574884	20.0
Anthracene, 2-m...	18.678	5.2	ng	150749	4	17.579	574884	20.0
Naphthalene, 2-...	18.936	10.1	ng	290566	4	17.579	574884	20.0
9,10-Anthracene...	18.989	5.6	ng	161541	4	17.579	574884	20.0
Phenanthrene, 2...	19.348	10.8	ng	309497	4	17.579	574884	20.0
Cyclopenta(def)...	19.500	9.7	ng	277481	4	17.579	574884	20.0
Quazodine	19.706	3.3	ng	94166	4	17.579	574884	20.0
Benzo[b]naphtho...	21.428	4.1	ng	845481	5	21.862	4150150	20.0
Cyclopenta[cd]p...	21.522	3.6	ng	742295	5	21.862	4150150	20.0
2-Methylchrysene	22.620	3.9	ng	813973	5	21.862	4150150	20.0
Benzo[e]pyrene	24.442	10.1	ng	672234	6	25.258	1335590	20.0
Perylene	24.941	39.0	ng	2607660	6	25.258	1335590	20.0
Benzo[j]fluoran...	25.341	20.0	ng	1335590	6	25.258	1335590	20.0