LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055810.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.277	332	338	349	rBV	106804	165856	7.29%	0.549%
2	5.758	413	420	433	rBV	674776	1101698	48.43%	3.645%
3	7.374	687	695	709	rBV	676925	1204513	52.94%	3.986%
4	8.226	834	840	847	rBV	147721	242789	10.67%	0.803%
5	9.401	1032	1040	1053	rVB	408893	735571	32.33%	2.434%
6	11.058	1314	1322	1328	rBV	206389	372765	16.38%	1.233%
7	13.473	1726	1733	1744	rBV	1074606	1665195	73.19%	5.510%
8	14.172	1844	1852	1856	rBV2	20974	36602	1.61%	0.121%
9	14.583	1916	1922	1930	rBV2	19058	41971	1.84%	0.139%
10	14.854	1956	1968	1974	rBV	359960	587615	25.83%	1.944%
11	14.912	1974	1978	1984	rVB	43580	69731	3.07%	0.231%
12	15.241	2027	2034	2041	rVB2	29986	52925	2.33%	0.175%
13	15.312	2041	2046	2053	rVB2	17563	28642	1.26%	0.095%
14	15.453	2063	2070	2075	rBV3	19410	36892	1.62%	0.122%
15	15.629	2092	2100	2102	rBV5	13341	28180	1.24%	0.093%
16	15.888	2138	2144	2155	rVB2	50758	94388	4.15%	0.312%
17	16.181	2184	2194	2202	rVB4	21644	55855	2.46%	0.185%
18	16.334	2213	2220	2229	rBV	1066483	1649904	72.52%	5.459%
19	16.557	2255	2258	2264	rVB5	23055	40626	1.79%	0.134%
20	16.892	2306	2315	2319	rBV4	28418	64338	2.83%	0.213%
21	16.939	2319	2323	2329	rVV3	21565	34611	1.52%	0.115%
22	17.039	2336	2340	2345	rVB2	19713	29110	1.28%	0.096%
23	17.110	2345	2352	2357	rBV4	18610	44990	1.98%	0.149%
24	17.157	2357	2360	2369	rVB5	15851	28873	1.27%	0.096%
25	17.239	2369	2374	2382	rBV2	39609	65934	2.90%	0.218%
26	17.309	2382	2386	2392	rBV5	25674	43056	1.89%	0.142%
27	17.409	2398	2403	2409	rVB	55946	86629	3.81%	0.287%
28	17.591	2428	2434	2437	rBV	484339	732355	32.19%	2.423%
29	17.633	2437	2441	2447	rVV	722161	1068733	46.98%	3.536%
30	17.727	2449	2457	2461	rVV	75110	131458	5.78%	0.435%
31	17.779	2461	2466	2471	rVB2	20678	46254	2.03%	0.153%
32	17.985	2497	2501	2509	rBV2	28266	59147	2.60%	0.196%
33	18.103	2516	2521	2525	rBV	45996	61144	2.69%	0.202%
34	18.167	2528	2532	2538	rVB	74670	116193	5.11%	0.384%
35	18.320	2553	2558	2564	rVB2	43699	87082	3.83%	0.288%
36	18.385	2565	2569	2575	rVV4	19928	37671	1.66%	0.125%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.461	2575	2582	2586	rVV2	240043	500836	22.01%	1.657%
38	18.508	2586	2590	2597	rVV	227566	359173	15.79%	1.188%
39	18.590	2600	2604	2608	rVV	36464	55869	2.46%	0.185%
40	18.655	2609	2615	2619	rVV2	239924	506090	22.25%	1.675%
41	18.690	2619	2621	2626	rVB	142687	178678	7.85%	0.591%
42	18.855	2645	2649	2654	rVB	34337	51891	2.28%	0.172%
43	18.949	2660	2665	2669	rBV2	150358	219236	9.64%	0.725%
44	18.996	2669	2673	2683	rVB2	133617	243714	10.71%	0.806%
45	19.078	2683	2687	2689	rBV	20421	29556	1.30%	0.098%
46	19.166	2699	2702	2703	rBV3	39233	39021	1.72%	0.129%
47	19.190	2704	2706	2710	rVB	55361	71488	3.14%	0.237%
48	19.242	2711	2715	2719	rBV	62832	84460	3.71%	0.279%
49	19.284	2719	2722	2728	rVB3	52274	73950	3.25%	0.245%
50	19.366	2730	2736	2741	rBV	194348	329250	14.47%	1.089%
51	19.425	2741	2746	2750	rBV2	53946	107844	4.74%	0.357%
52	19.513	2755	2761	2772	rBV4	110615	297238	13.07%	0.984%
53	19.630	2775	2781	2787	rVV	1167009	1735724	76.29%	5.743%
54	19.683	2787	2790	2793	rVV	57867	86748	3.81%	0.287%
55	19.718	2793	2796	2803	rVV4	72549	132256	5.81%	0.438%
56	19.783	2803	2807	2810	rVV	33292	60930	2.68%	0.202%
57	19.818	2810	2813	2817	rVV3	46367	77246	3.40%	0.256%
58	19.871	2818	2822	2829	rVV2	80164	179708	7.90%	0.595%
59	19.959	2832	2837	2838	rVV	154794	219037	9.63%	0.725%
60	19.995	2838	2843	2849	rVV	1335680	1943096	85.41%	6.429%
61	20.053	2849	2853	2858	rVB	95353	144426	6.35%	0.478%
62	20.177	2868	2874	2879	rBV	1748147	2275060	100.00%	7.528%
63	20.318	2891	2898	2903	rBV4	121325	285086	12.53%	0.943%
64	20.476	2916	2925	2930	rVB	216786	504815	22.19%	1.670%
65	20.576	2938	2942	2946	rVB	128446	160204	7.04%	0.530%
66	20.635	2948	2952	2956	rVB2	183489	235397	10.35%	0.779%
67	20.776	2972	2976	2980	rBV	180253	246709	10.84%	0.816%
68	20.823	2980	2984	2988	rVV	143559	189328	8.32%	0.626%
69	21.252	3053	3057	3064	rVB	121839	207137	9.10%	0.685%
70	21.446	3087	3090	3094	rVB	96919	117534	5.17%	0.389%
71	21.487	3094	3097	3102	rVV	122896	196371	8.63%	0.650%
72	21.540	3103	3106	3111	rVV2	94376	147040	6.46%	0.487%
73	21.599	3111	3116	3124	rVB2	97376	207905	9.14%	0.688%
74	21.869	3155	3162	3169	rBV3	606474	1773653	77.96%	5.869%
75	21.933	3169	3173	3185	rVB	506108	904001	39.74%	2.991%
76	22.092	3196	3200	3206	rBV3	67132	113187	4.98%	0.375%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

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-BG111622.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	22.644	3291	3294	3302	rVB	103458	157440	6.92%	0.521%
78	22.926	3339	3342	3347	rBV2	55409	98263	4.32%	0.325%
79	24.195	3549	3558	3565	rBV	272162	942673	41.44%	3.119%
80	24.959	3680	3688	3701	rVB	202380	609126	26.77%	2.015%
81	25.112	3706	3714	3727	rVB	279519	845668	37.17%	2.798%
82	25.271	3732	3741	3750	rBV2	247973	768668	33.79%	2.543%
83	29.172	4398	4405	4425	rVB3	117780	560290	24.63%	1.854%

Sum of corrected areas: 30222316

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
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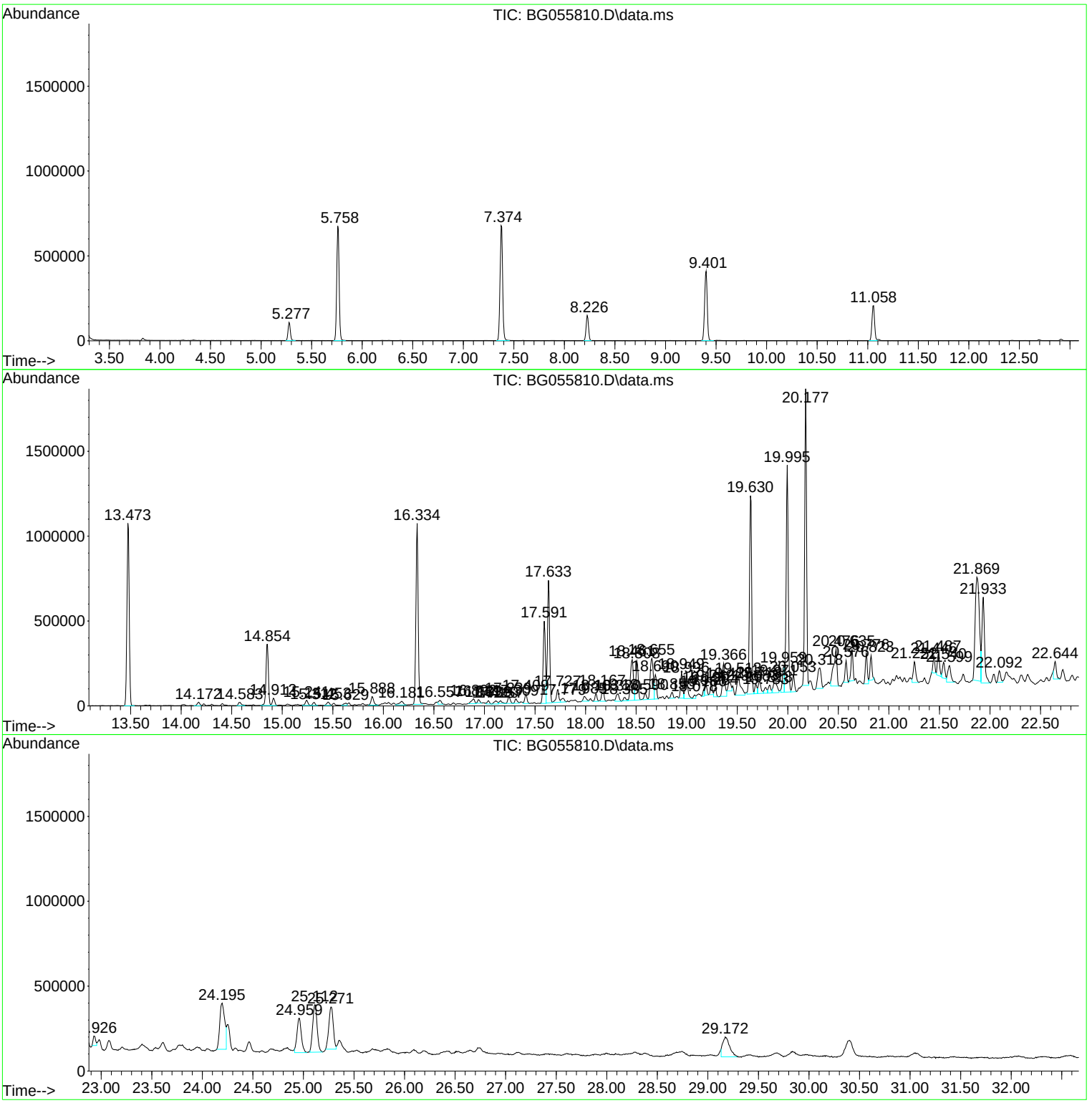
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

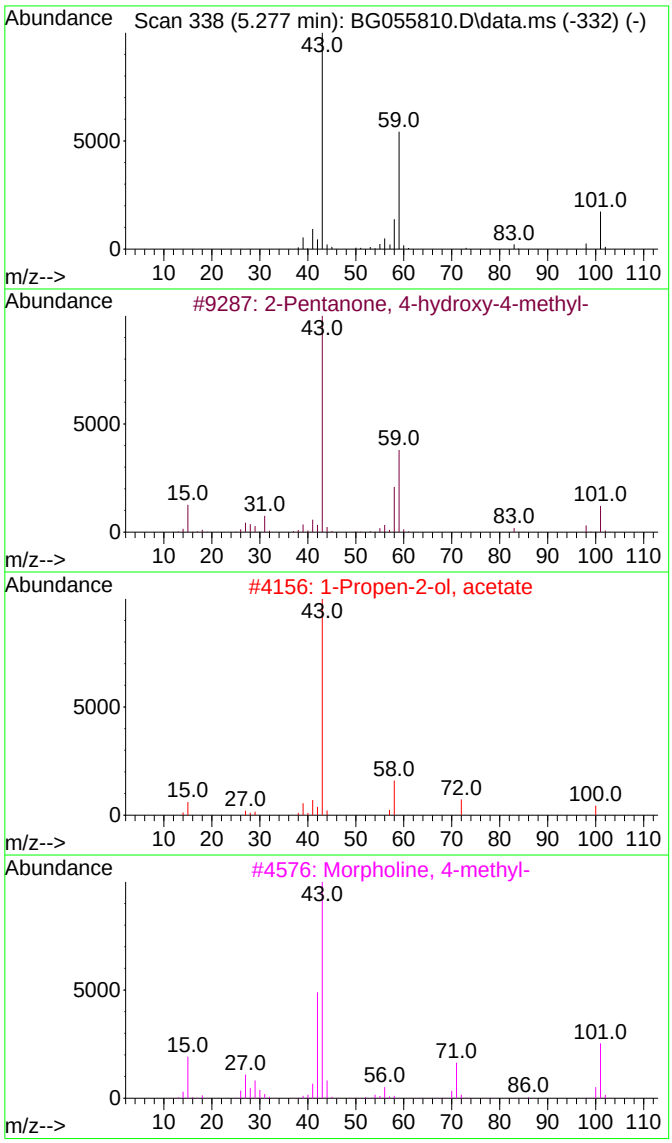
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

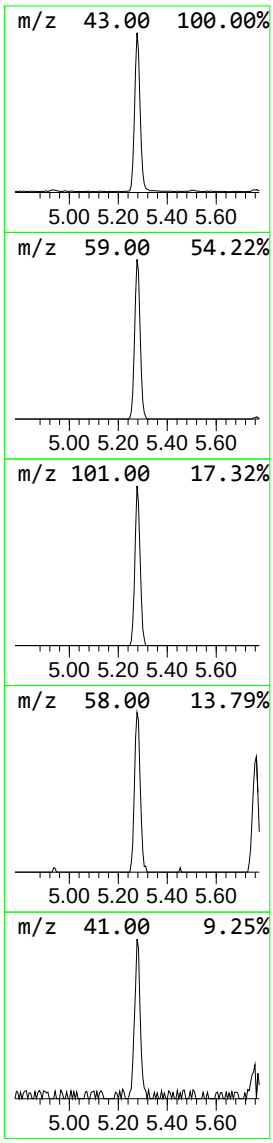
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.277	13.66 ng	165856	1,4-Dichlorobenzene-d4	8.226

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	Formamide, N,N-diethyl-	101	C5H11NO	000617-84-5	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

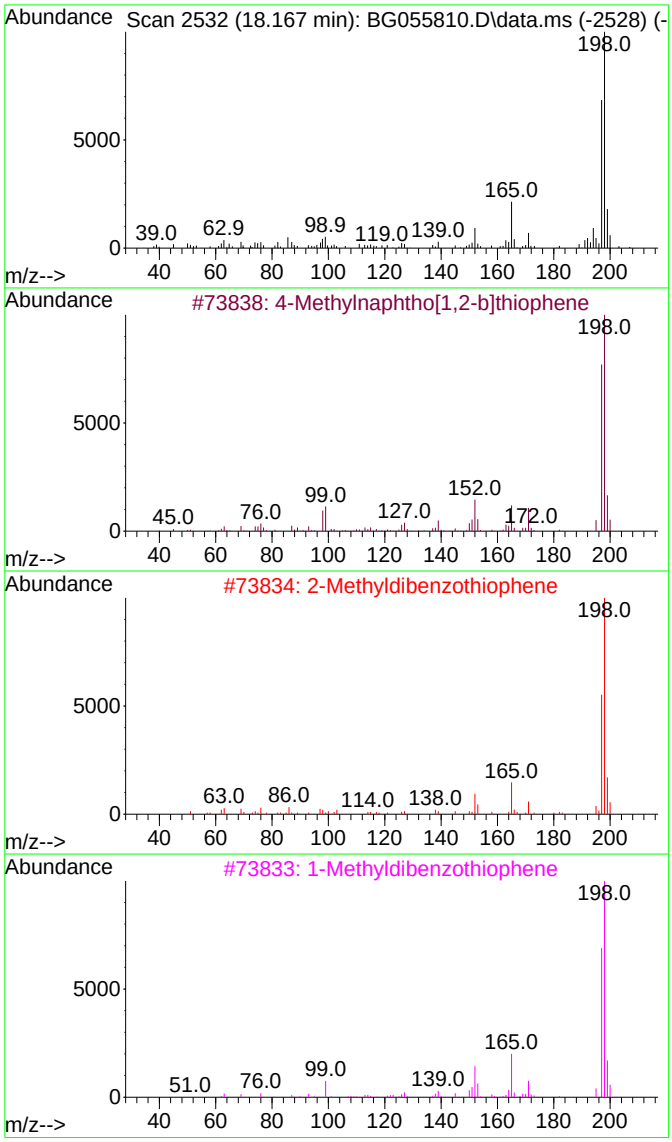
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

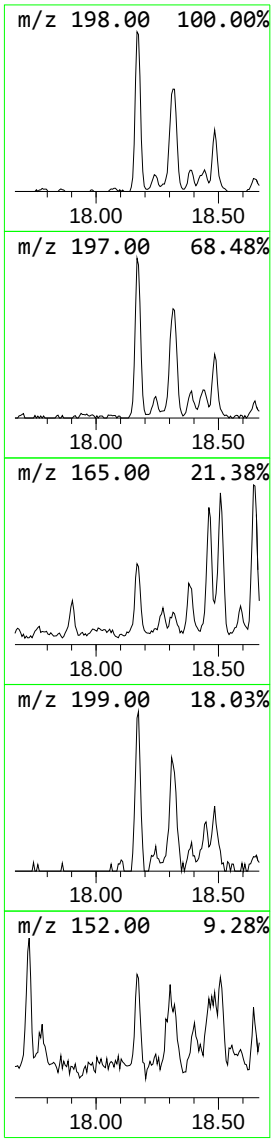
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.167	3.17 ng	116193	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
3	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	80
4	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	74
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

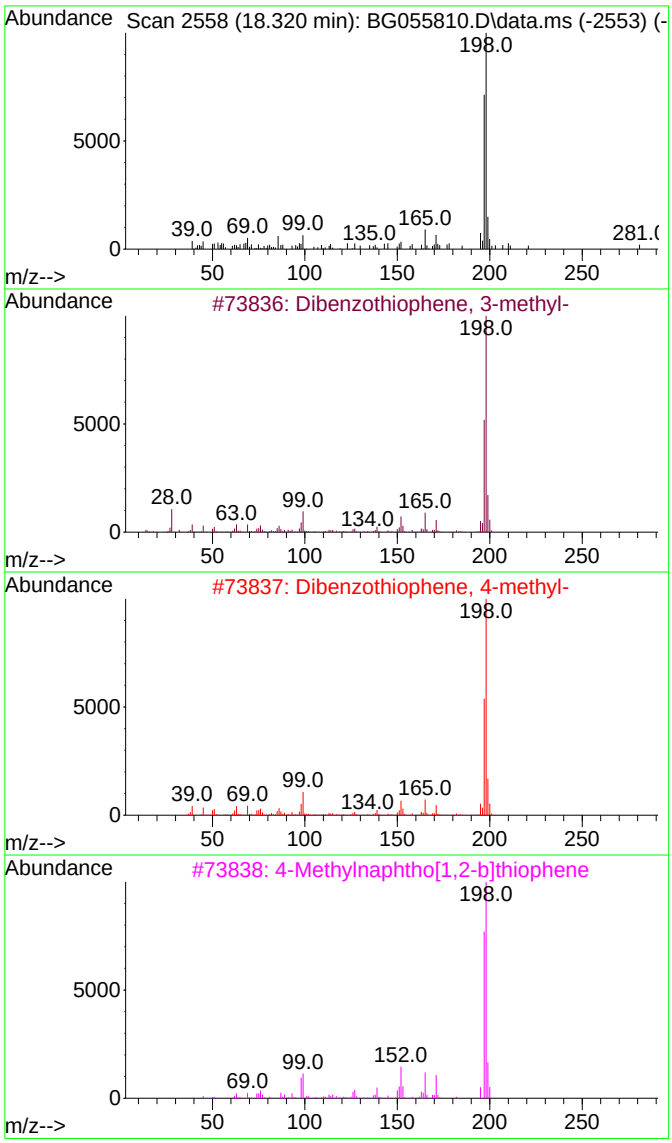
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

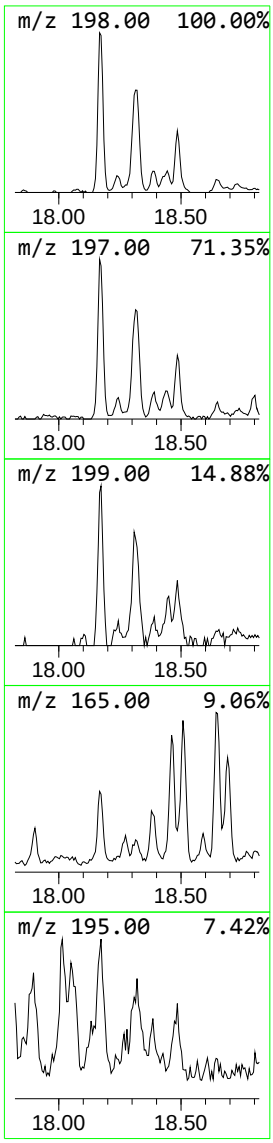
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 Dibenzothiophene, 3-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.320	2.38 ng	87082	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83
5	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

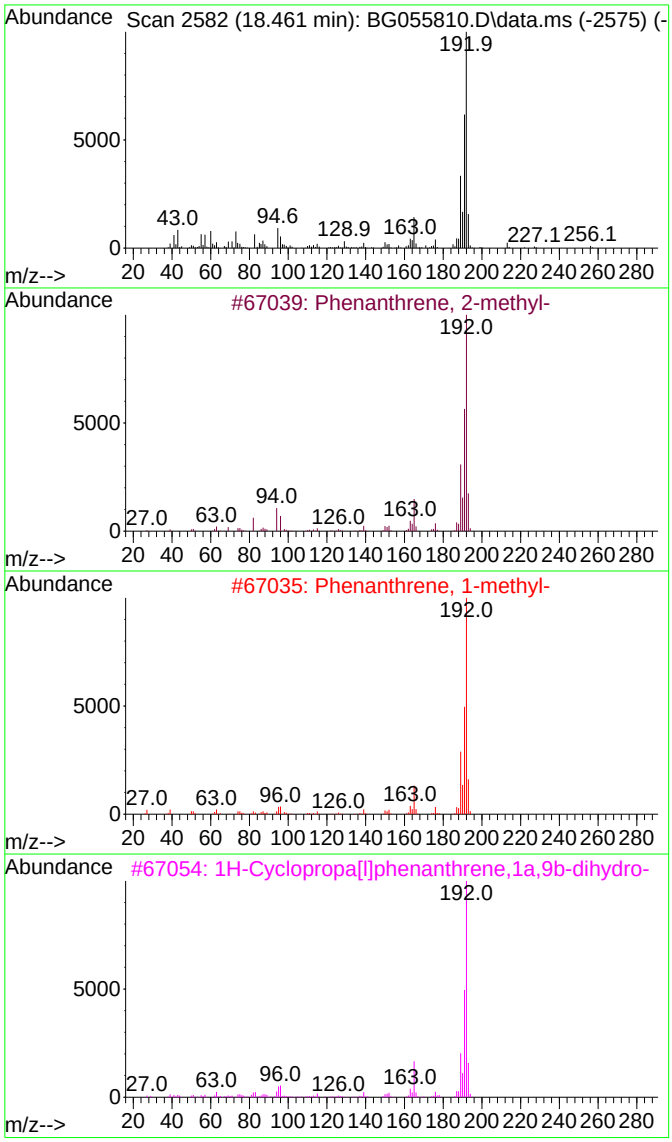
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

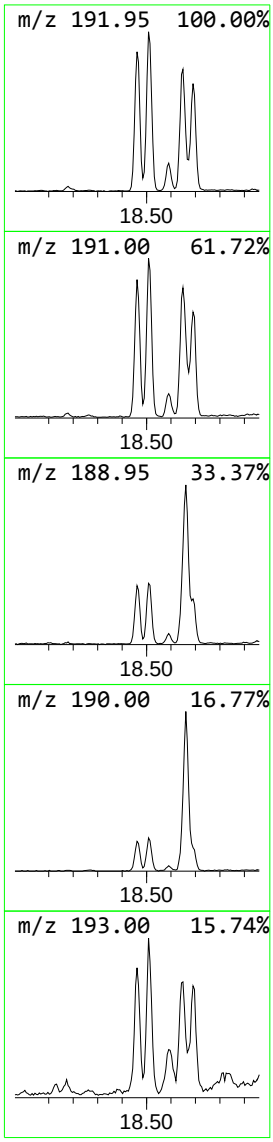
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.461	13.68 ng	500836	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

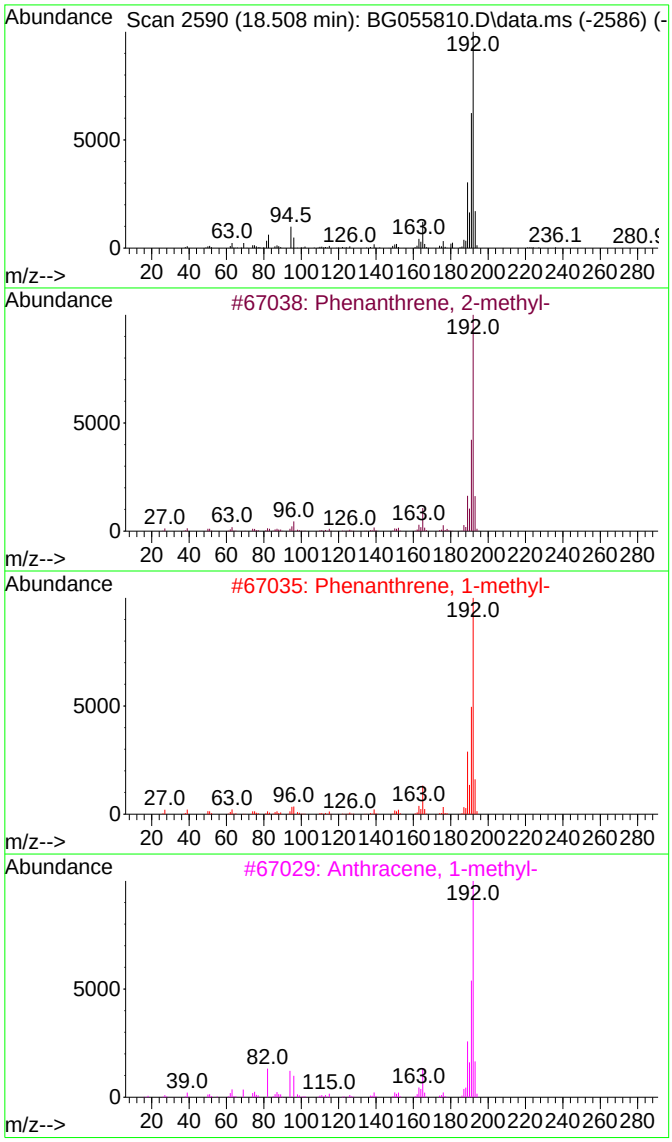
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

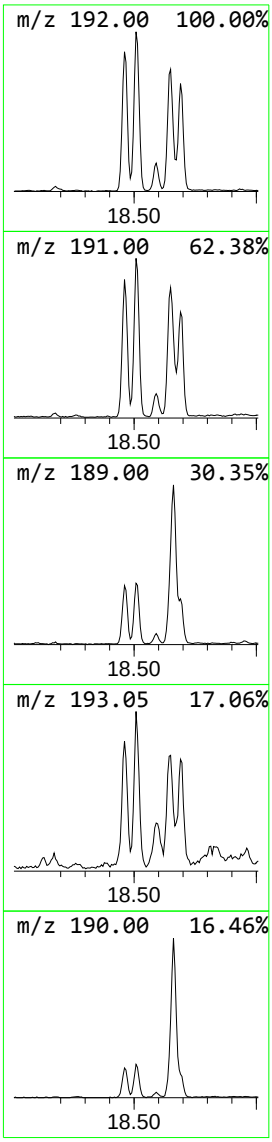
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.508	9.81 ng	359173	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
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





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

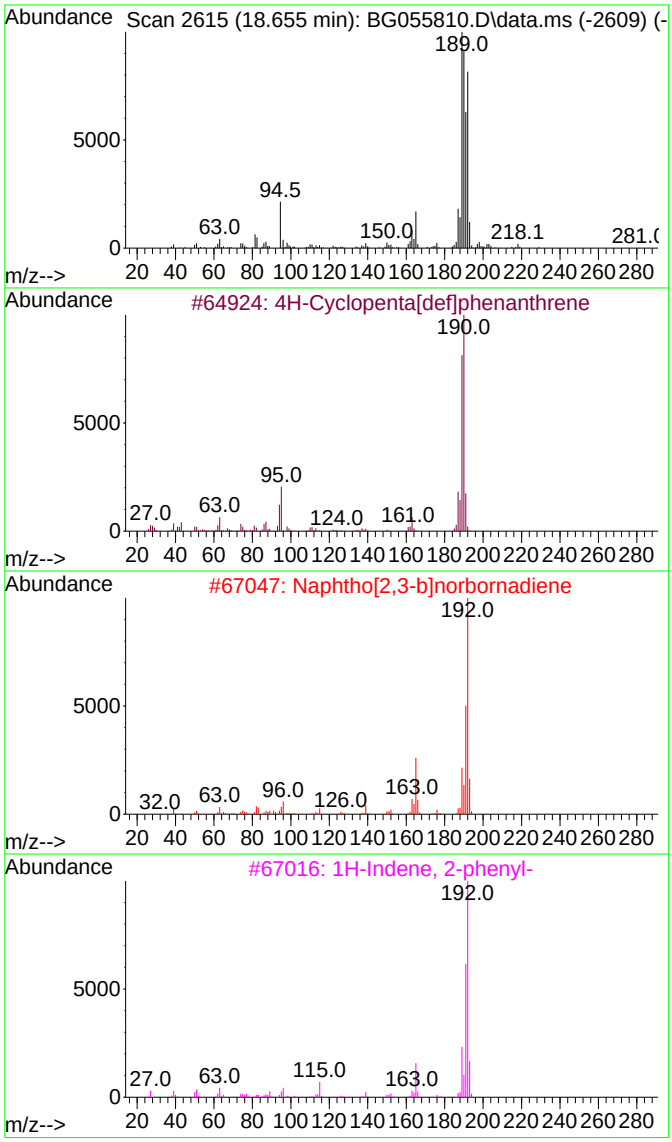
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

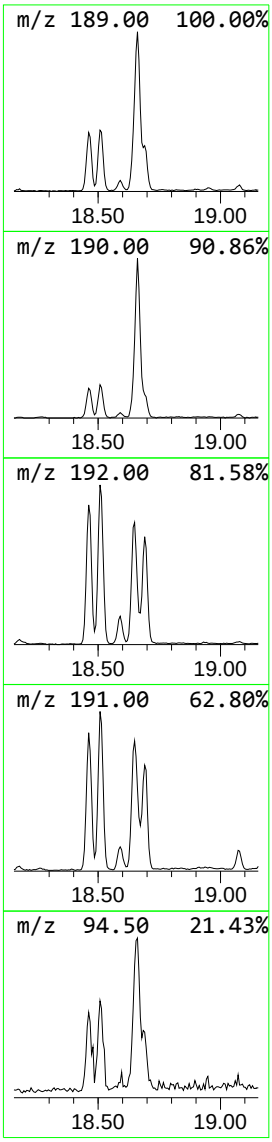
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.655	13.82 ng	506090	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	55
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	38
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	38
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	30





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Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 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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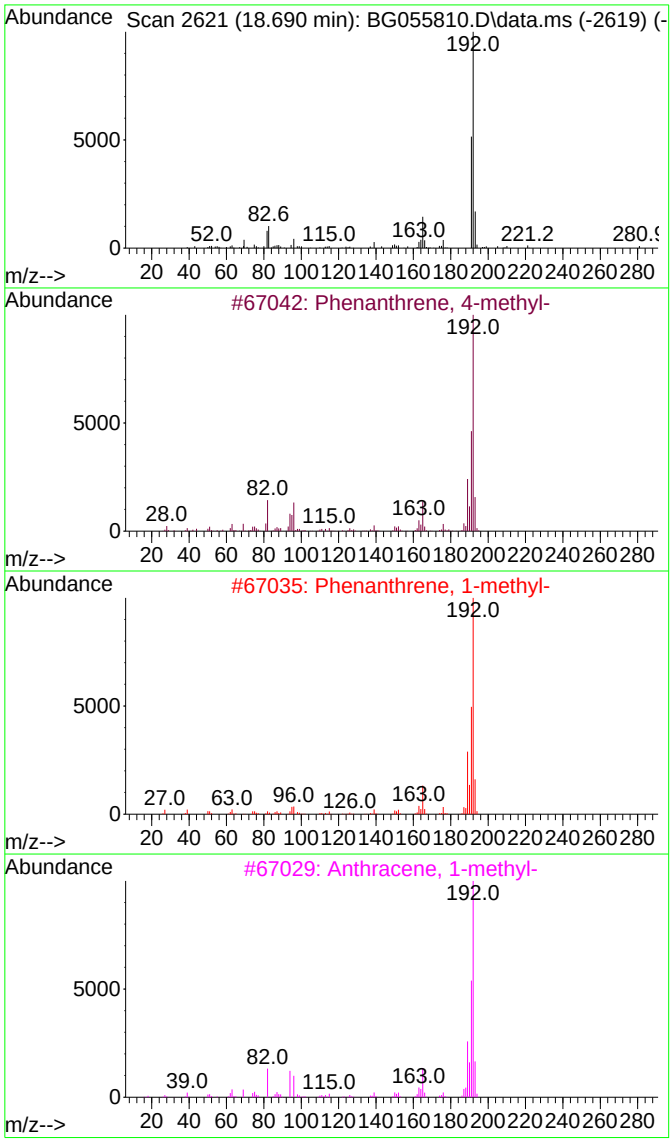
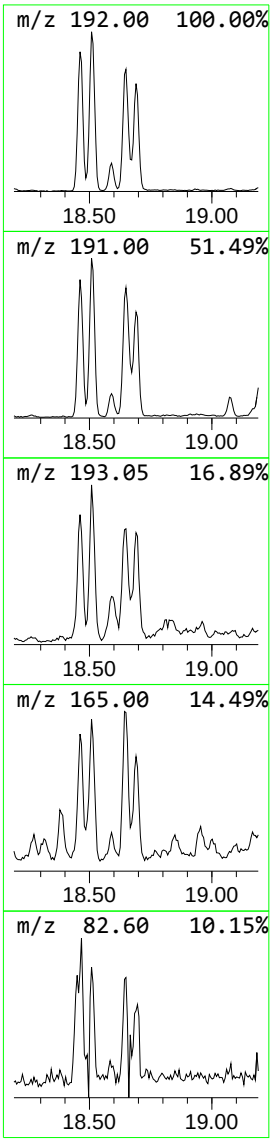
Peak Number 8 Phenanthrene, 4-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.690	4.88 ng	178678	Phenanthrene-d10	17.592

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





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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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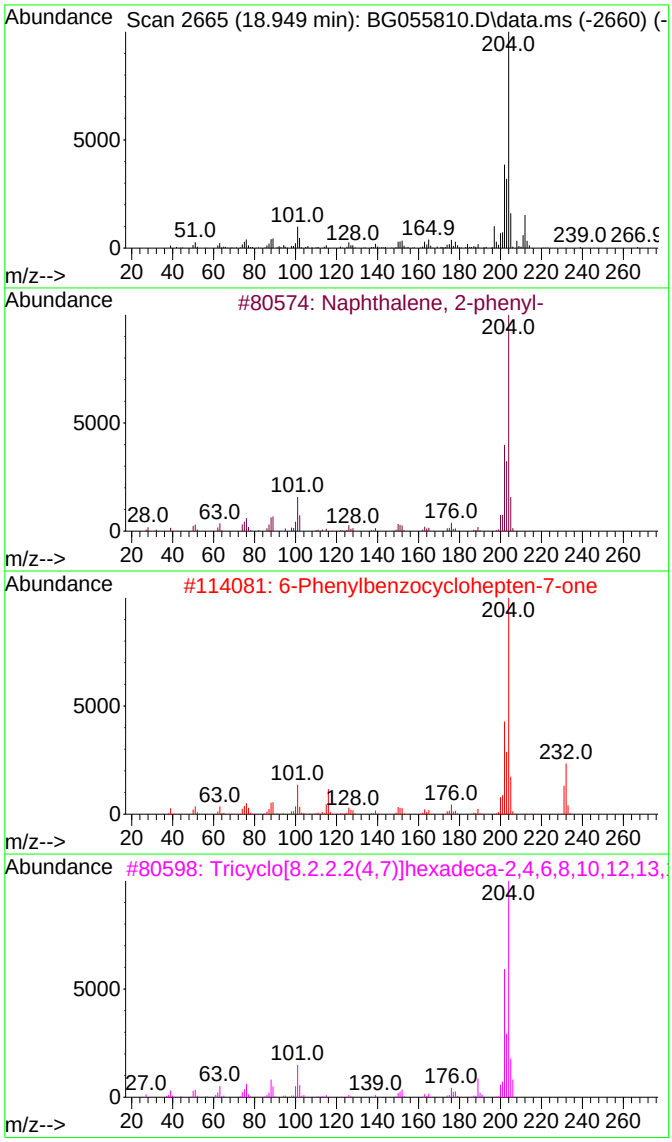
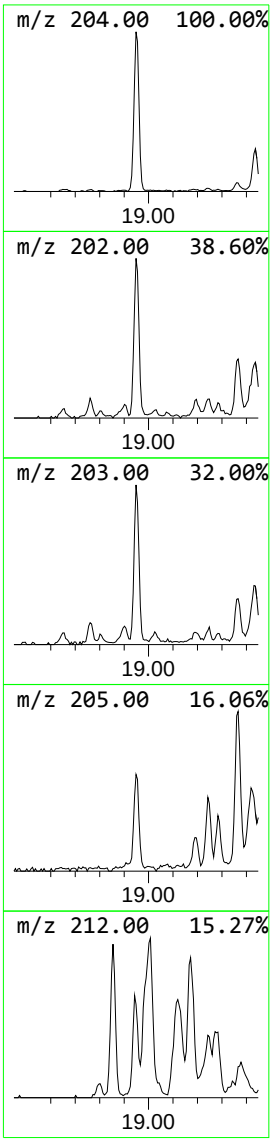
Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.949	5.99 ng	219236	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	60
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	58
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	53





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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

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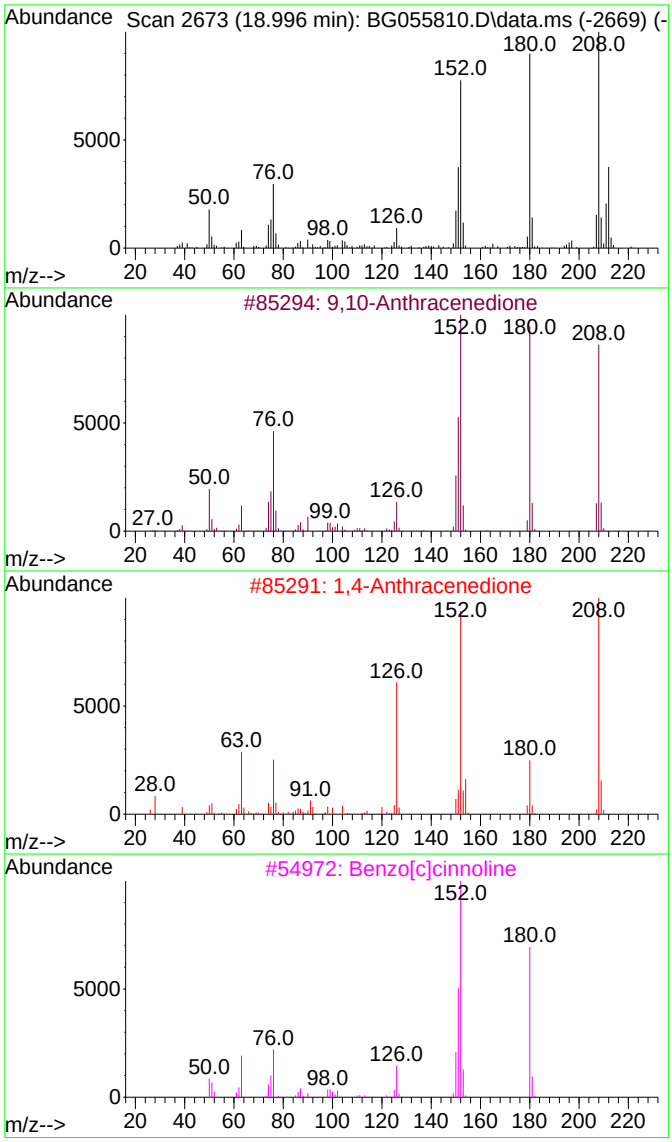
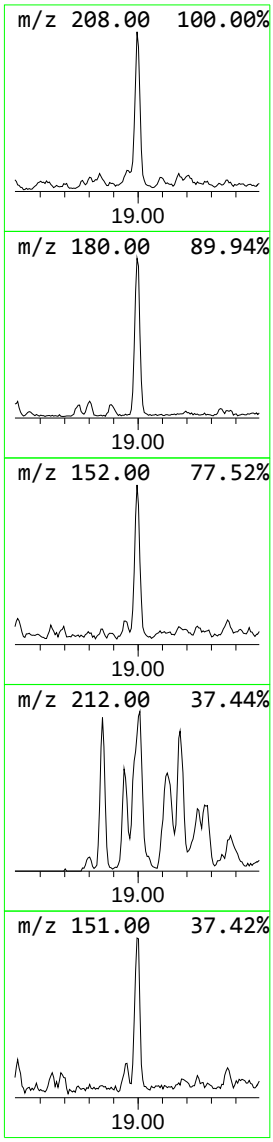
Peak Number 10 9,10-Anthracenedione Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.996	6.66 ng	243714	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	49





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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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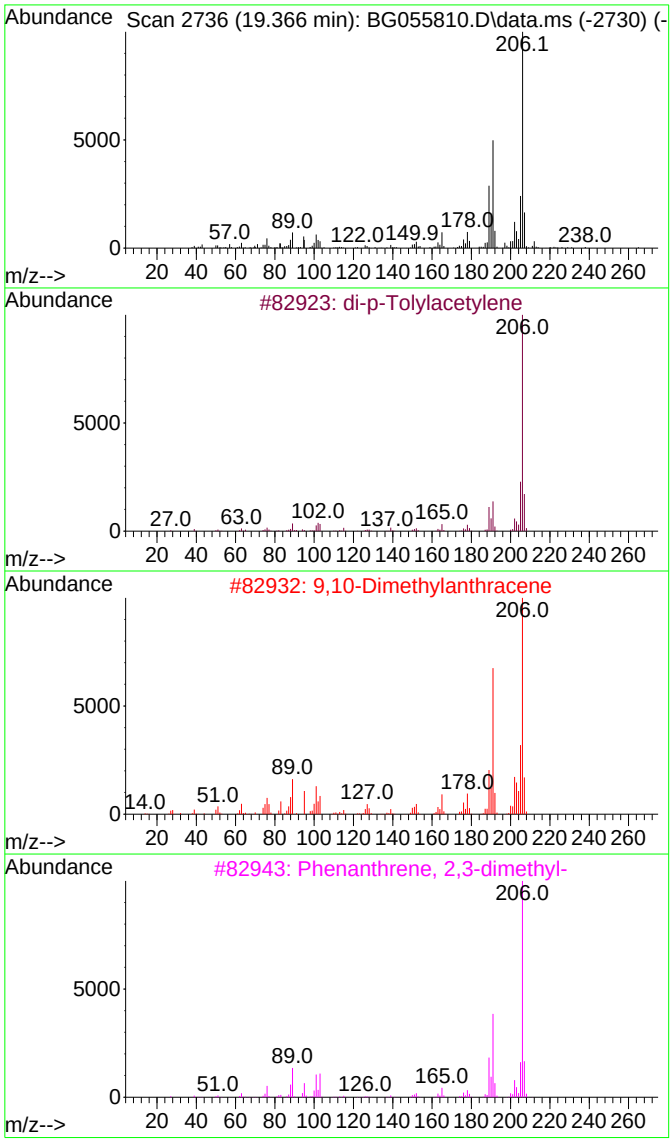
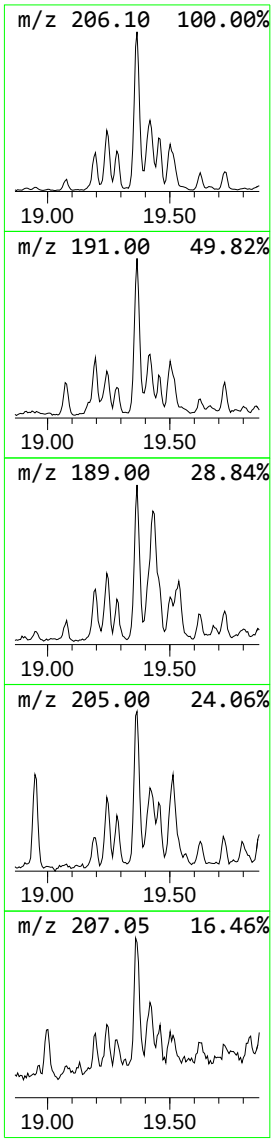
Peak Number 11 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.366	8.99 ng	329250	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87





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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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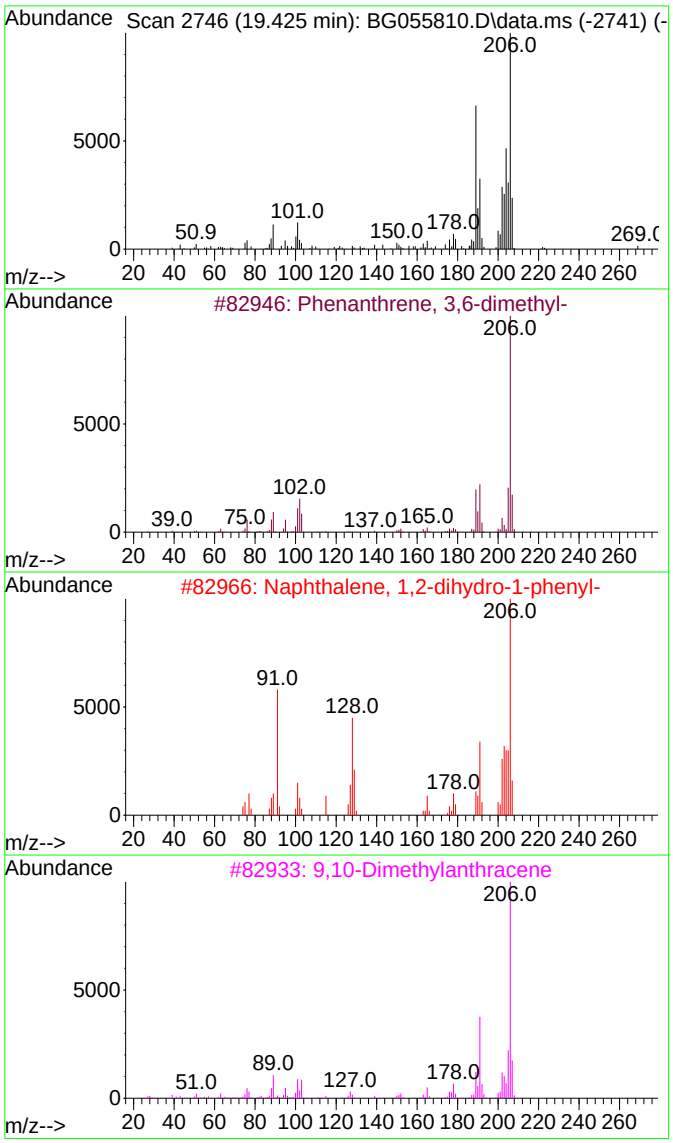
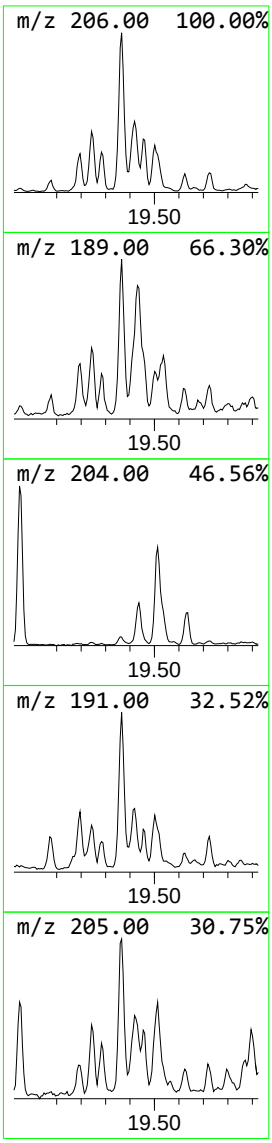
Peak Number 12 Phenanthrene, 3,6-dimethyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.425	2.95 ng	107844	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	58
2	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	50
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	49
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	49





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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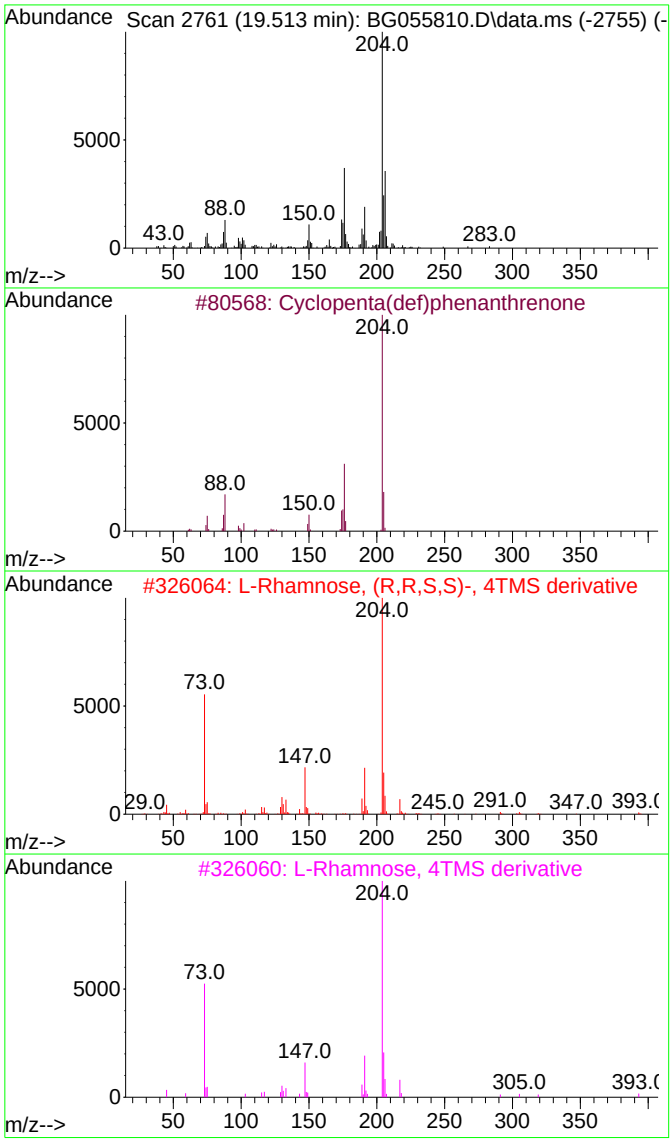
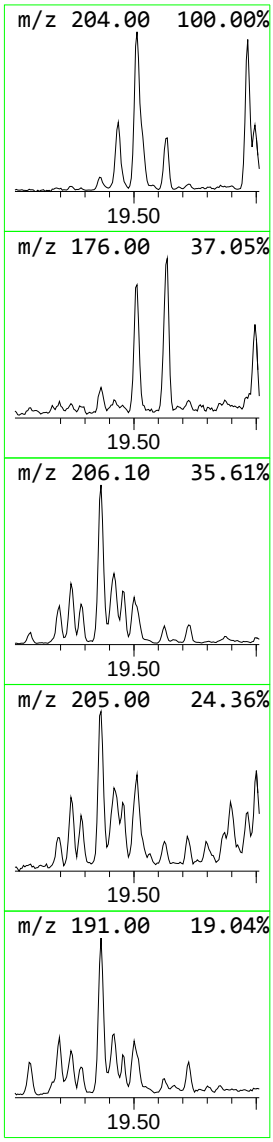
Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.513	8.12 ng	297238	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	50
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	47





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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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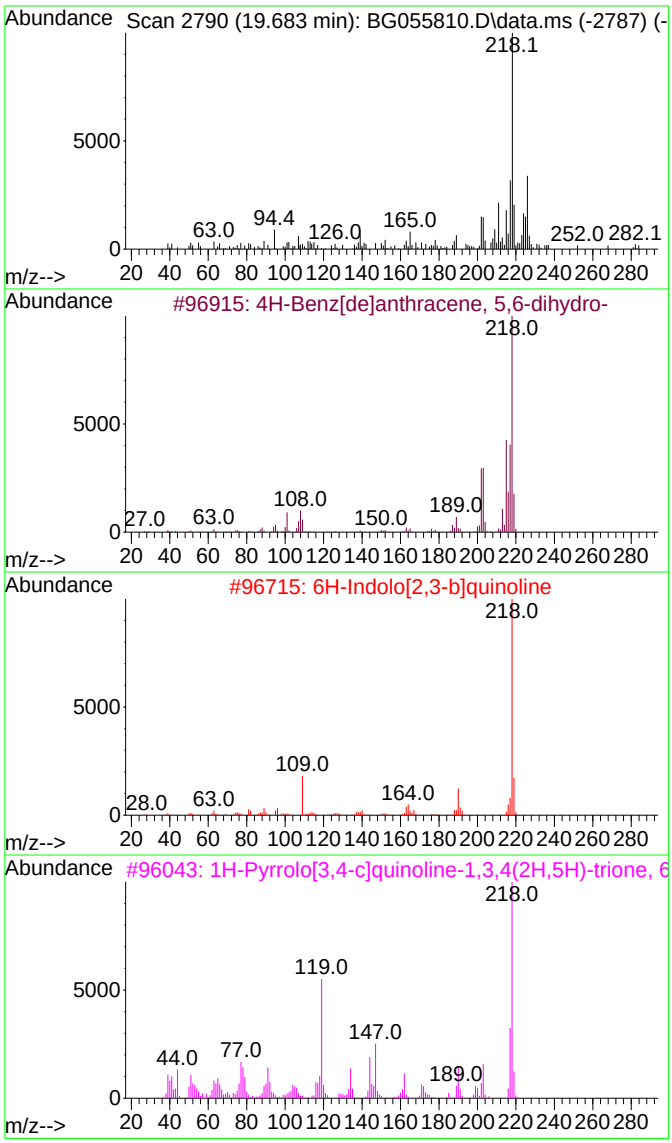
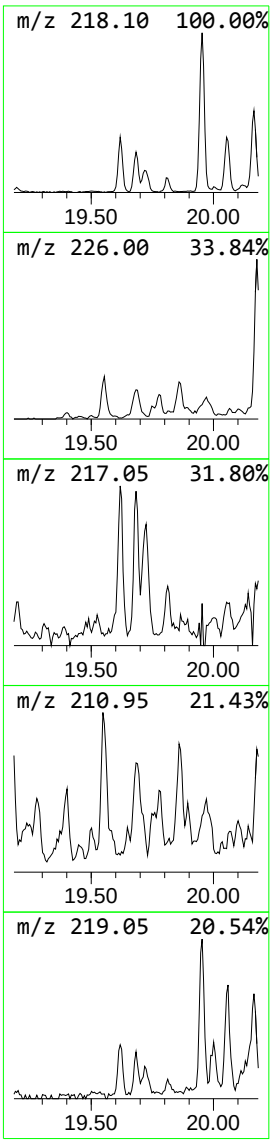
Peak Number 14 unknown19.683 Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.683	2.37 ng	86748	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	49
2	6H-Indolo[2,3-b]quinoline	218	C15H10N2	000243-38-9	46
3	1H-Pyrrolo[3,4-c]quinoline-1,3,4...	218	C11H10N2O3	181021-85-2	43
4	Benzo[b]naphtho[2,3-d]furan	218	C16H10O	000243-42-5	43
5	4H-Benzo[e]pyrido[1,2-a]benzimid...	218	C15H10N2	000239-25-8	43





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

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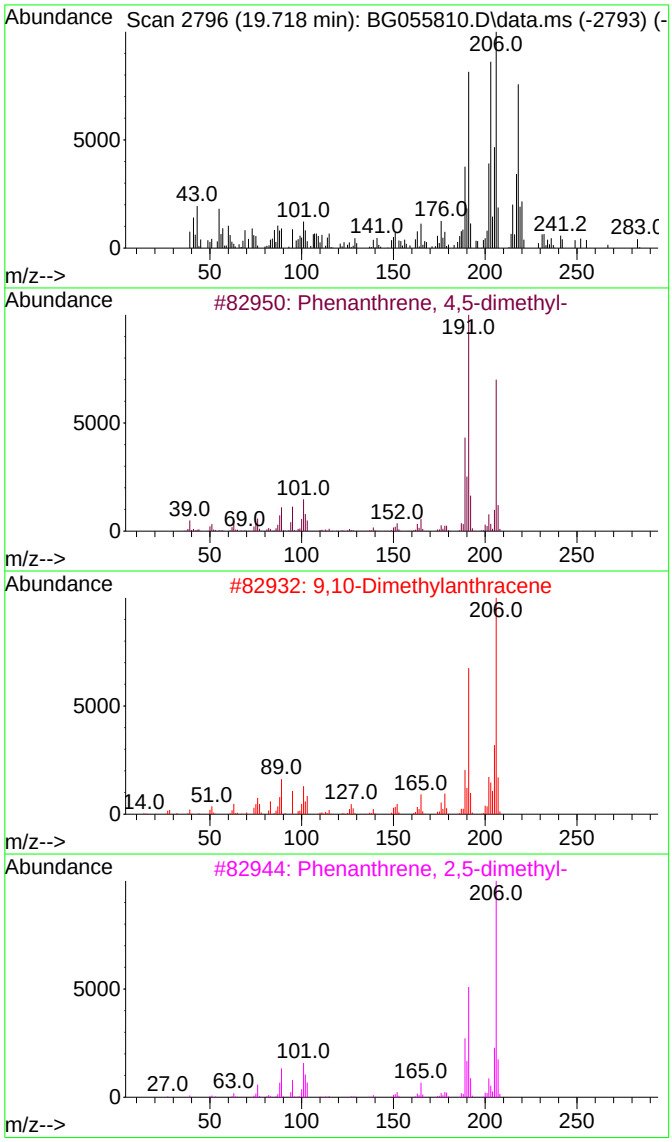
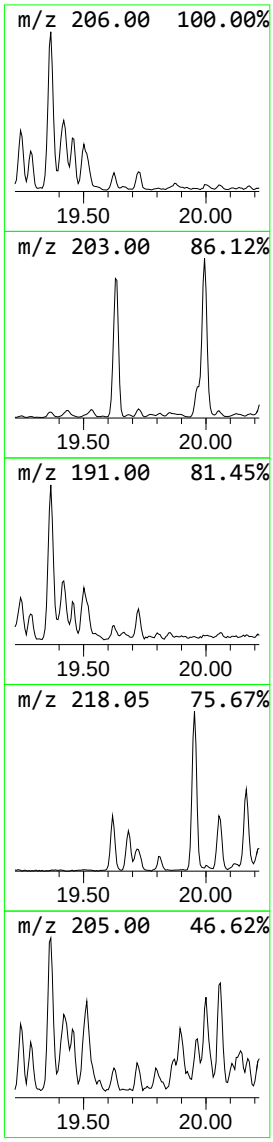
Peak Number 15 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.718	3.61 ng	132256	Phenanthrene-d10	17.592

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	72
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	56
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	50
5	Naphthalene, 2-methyl-1-phenyl-	218	C17H14	029304-63-0	42





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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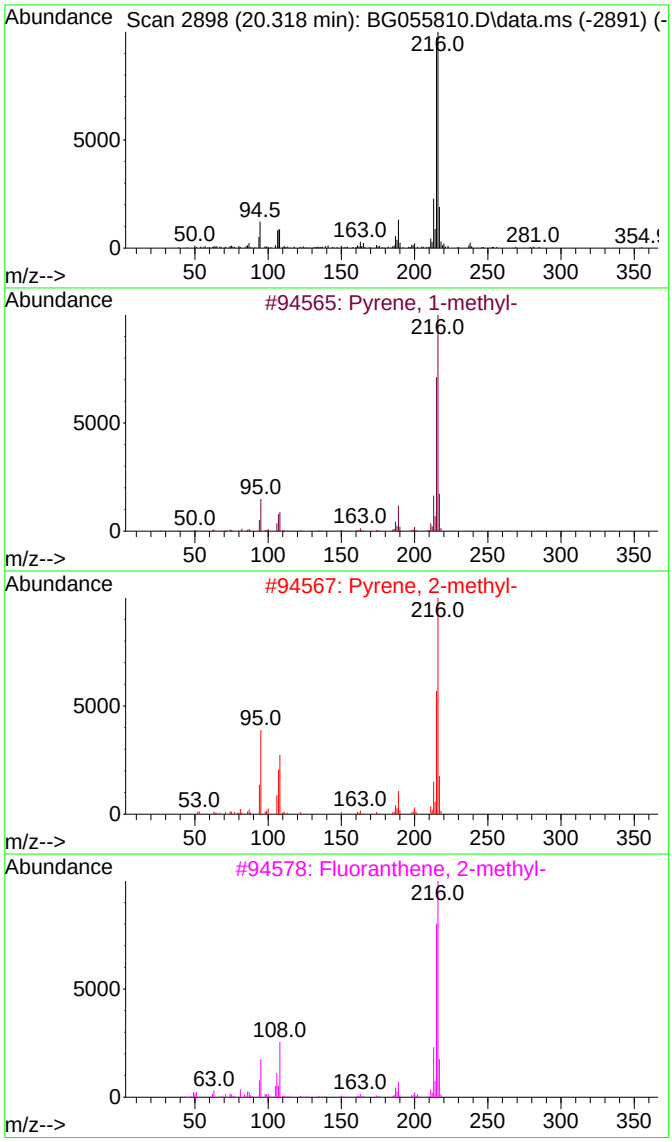
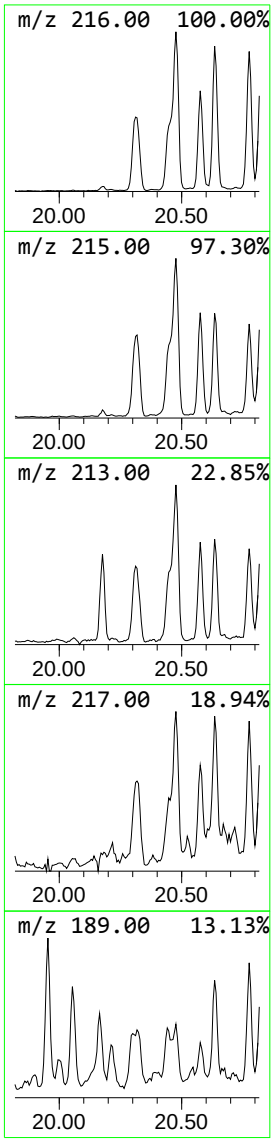
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.318	3.21 ng	285086	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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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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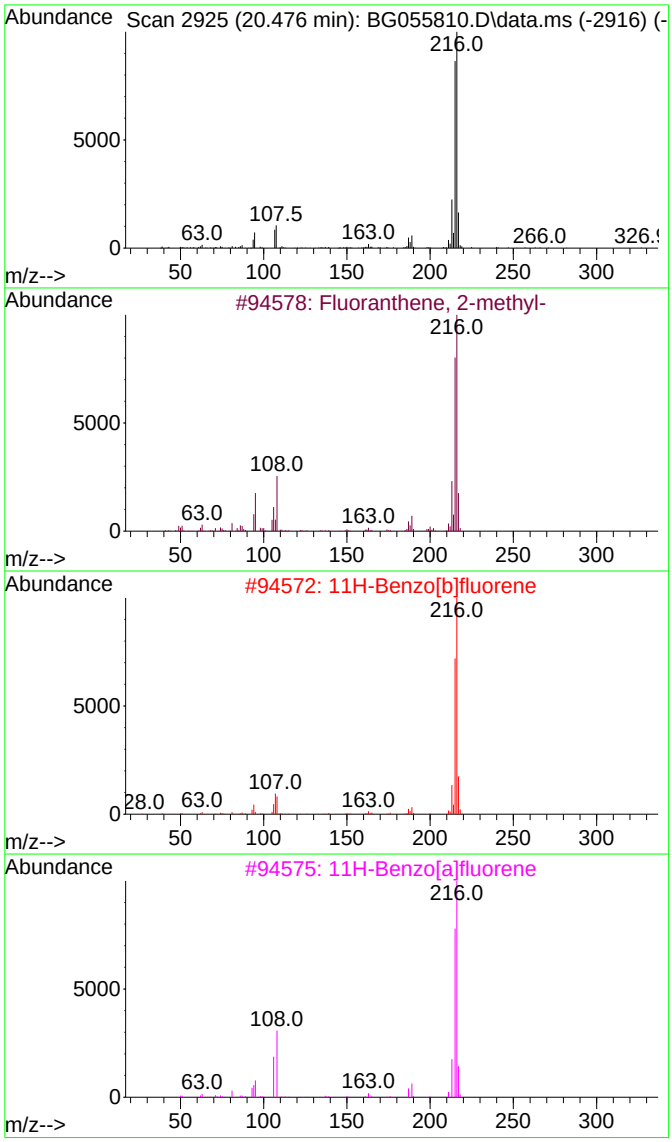
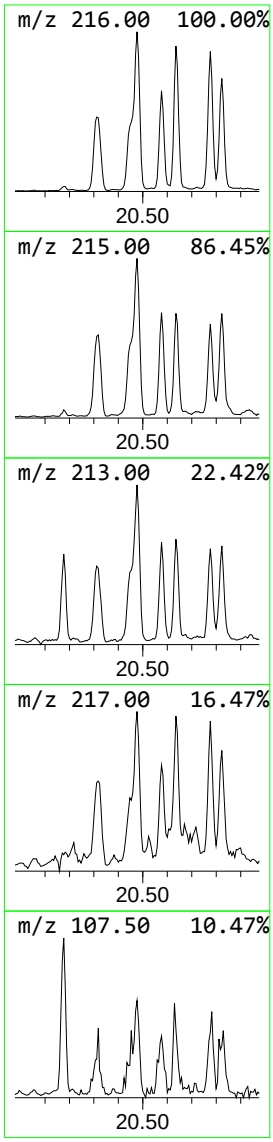
Peak Number 17 Fluoranthene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.476	5.69 ng	504815	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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TIC Library : C:\Database\NIST20.L
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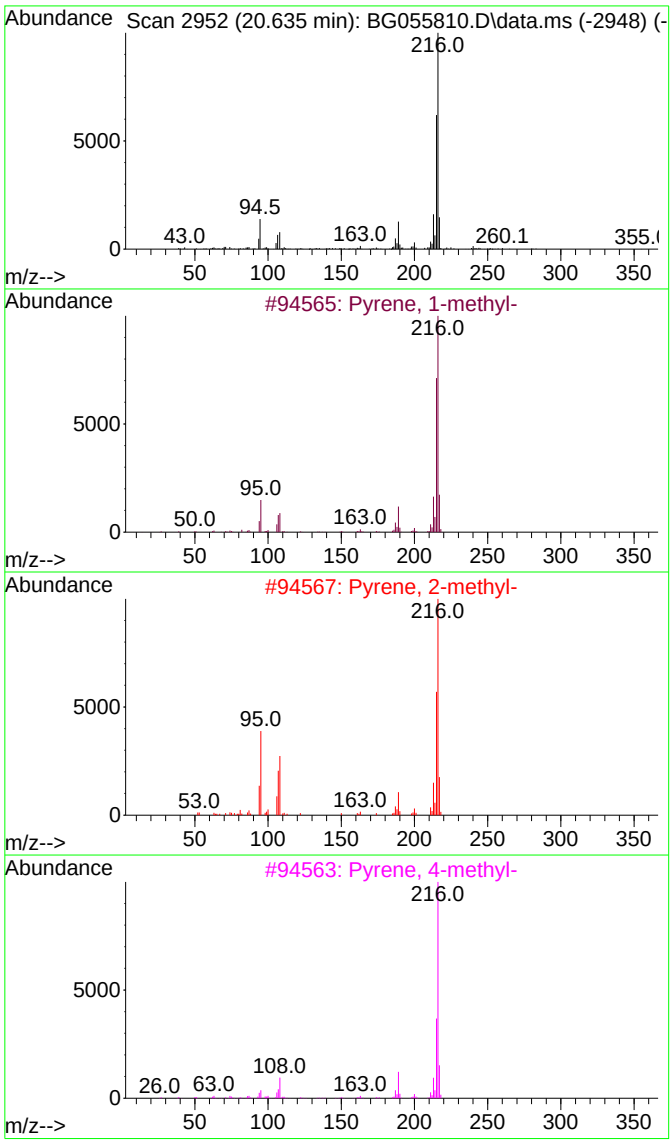
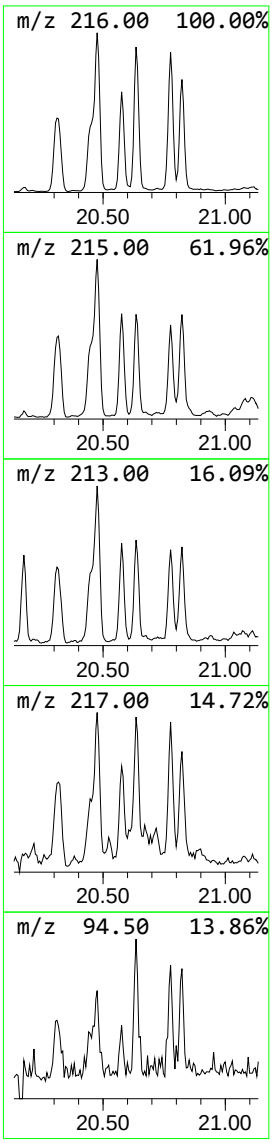
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.635	2.65 ng	235397	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87





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Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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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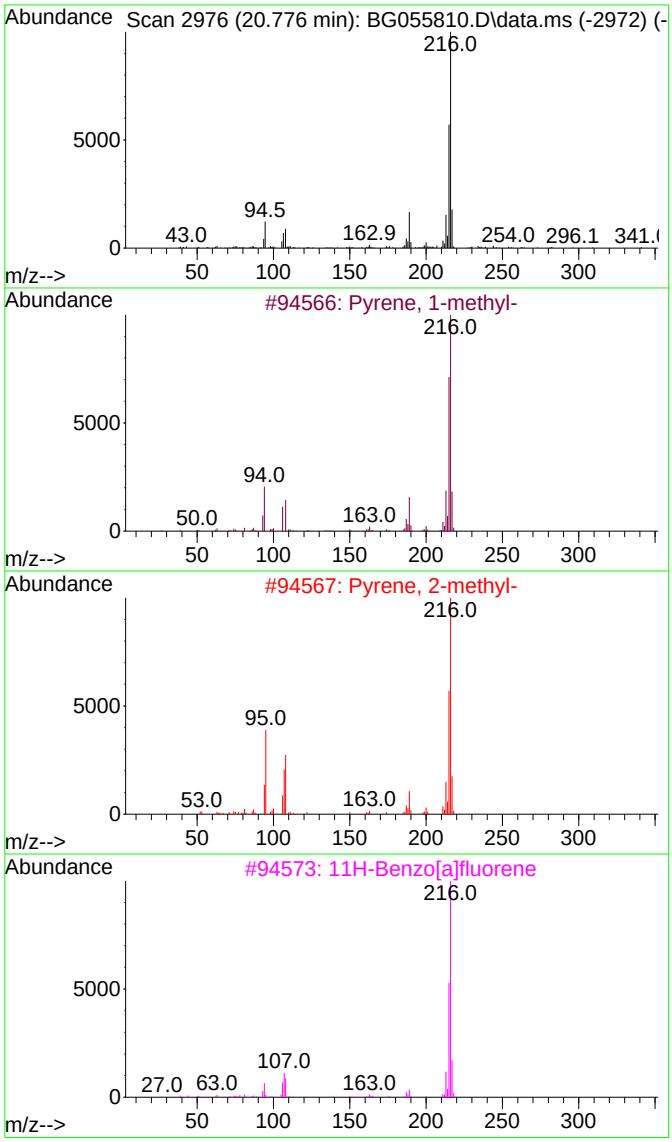
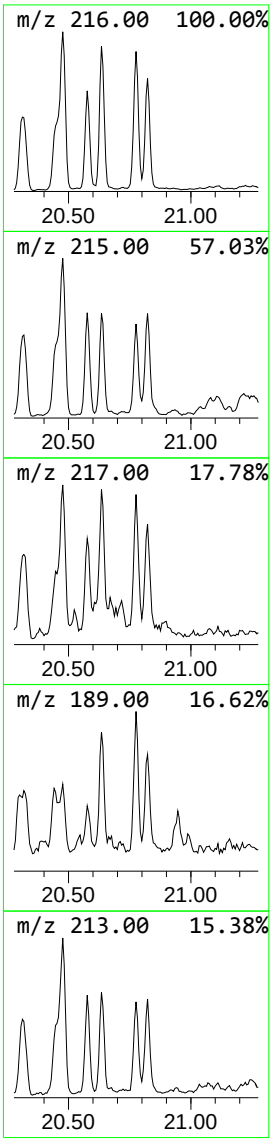
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.776	2.78 ng	246709	Chrysene-d12	21.886

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	94
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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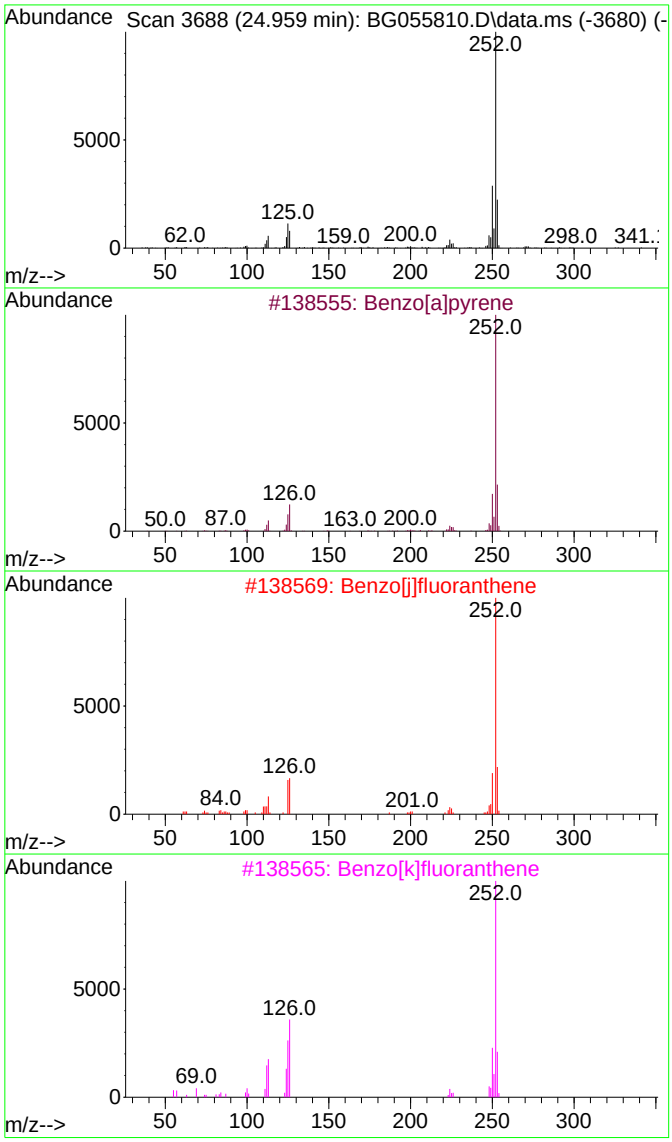
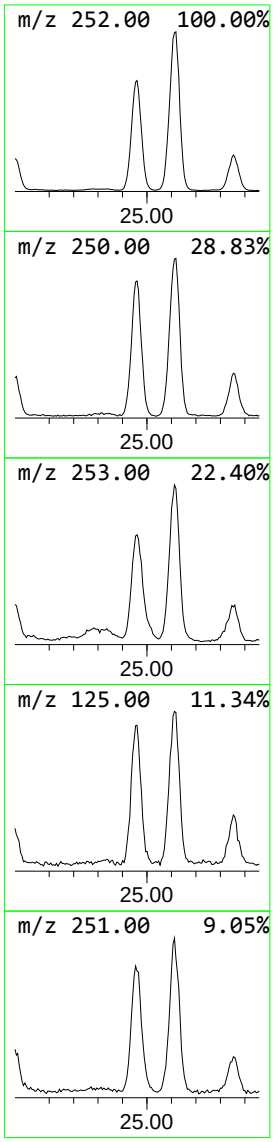
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.959	15.85 ng	609126	Perylene-d12	25.277

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	96
2	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112822\
Data File : BG055810.D
Acq On : 28 Nov 2022 18:26
Operator : CG/JU
Sample : N5772-03
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
LOCATION-3

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.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-...	5.277	13.7	ng	165856	1	8.226	242789	20.0
4-Methylnaphtho...	18.167	3.2	ng	116193	4	17.592	732355	20.0
Dibenzothiophen...	18.320	2.4	ng	87082	4	17.592	732355	20.0
Phenanthrene, 2...	18.461	13.7	ng	500836	4	17.592	732355	20.0
Phenanthrene, 1...	18.508	9.8	ng	359173	4	17.592	732355	20.0
4H-Cyclopenta[d...	18.655	13.8	ng	506090	4	17.592	732355	20.0
Phenanthrene, 4...	18.690	4.9	ng	178678	4	17.592	732355	20.0
Naphthalene, 2-...	18.949	6.0	ng	219236	4	17.592	732355	20.0
9,10-Anthracene...	18.996	6.7	ng	243714	4	17.592	732355	20.0
di-p-Tolylacety...	19.366	9.0	ng	329250	4	17.592	732355	20.0
Phenanthrene, 3...	19.425	3.0	ng	107844	4	17.592	732355	20.0
Cyclopenta(def)...	19.513	8.1	ng	297238	4	17.592	732355	20.0
unknown19.683	19.683	2.4	ng	86748	4	17.592	732355	20.0
Phenanthrene, 4...	19.718	3.6	ng	132256	4	17.592	732355	20.0
Pyrene, 1-methyl-	20.318	3.2	ng	285086	5	21.886	1773650	20.0
Fluoranthene, 2...	20.476	5.7	ng	504815	5	21.886	1773650	20.0
Pyrene, 2-methyl-	20.635	2.6	ng	235397	5	21.886	1773650	20.0
11H-Benzo[a]flu...	20.776	2.8	ng	246709	5	21.886	1773650	20.0
Benzo[j]fluoran...	24.959	15.9	ng	609126	6	25.277	768668	20.0