LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG051115.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.881	231	237	245	rBV	96189	165964	8.56%	0.674%
2	5.280	300	305	315	rVB2	9990	21039	1.08%	0.085%
3	5.762	379	387	394	rBV	458267	778278	40.13%	3.160%
4	7.372	650	661	677	rBV	486782	899212	46.36%	3.651%
5	8.218	799	805	819	rVB	113476	198407	10.23%	0.806%
6	9.393	996	1005	1017	rBV	304005	580475	29.93%	2.357%
7	10.786	1236	1242	1255	rBV	102718	191121	9.85%	0.776%
8	11.044	1279	1286	1292	rBV	156224	289636	14.93%	1.176%
9	13.465	1689	1698	1707	rVB	785941	1247645	64.33%	5.065%
10	14.164	1812	1817	1823	rBV2	18537	33421	1.72%	0.136%
11	14.810	1921	1927	1928	rBV2	17847	23848	1.23%	0.097%
12	14.846	1928	1933	1939	rVV	266729	425164	21.92%	1.726%
13	14.910	1939	1944	1951	rVB2	44922	76770	3.96%	0.312%
14	15.239	1995	2000	2007	rVB2	35475	60960	3.14%	0.248%
15	15.310	2007	2012	2020	rVB	14834	24492	1.26%	0.099%
16	15.457	2029	2037	2041	rBV2	10564	19640	1.01%	0.080%
17	15.798	2091	2095	2101	rVB3	15497	25220	1.30%	0.102%
18	15.892	2104	2111	2121	rVB3	40003	85831	4.43%	0.348%
19	16.003	2121	2130	2135	rBV5	11979	28242	1.46%	0.115%
20	16.179	2155	2160	2166	rVB	24159	43311	2.23%	0.176%
21	16.332	2180	2186	2194	rBV	597789	963470	49.67%	3.912%
22	16.526	2212	2219	2223	rBV3	33192	64133	3.31%	0.260%
23	16.896	2278	2282	2286	rVV3	18960	29678	1.53%	0.120%
24	17.114	2312	2319	2323	rBV4	22663	45968	2.37%	0.187%
25	17.155	2323	2326	2336	rVV3	18854	41820	2.16%	0.170%
26	17.249	2336	2342	2348	rVV	82243	139659	7.20%	0.567%
27	17.308	2348	2352	2365	rVV7	23501	71615	3.69%	0.291%
28	17.413	2365	2370	2375	rVB	44823	74400	3.84%	0.302%
29	17.595	2394	2401	2404	rBV	317640	510439	26.32%	2.072%
30	17.637	2404	2408	2415	rVB	770831	1154927	59.54%	4.689%
31	17.725	2415	2423	2429	rBV	143559	240734	12.41%	0.977%
32	17.907	2442	2454	2460	rVB5	21499	49216	2.54%	0.200%
33	17.995	2462	2469	2475	rBV2	85382	174769	9.01%	0.710%
34	18.042	2475	2477	2483	rVV5	18700	26864	1.39%	0.109%
35	18.107	2483	2488	2494	rVV2	23538	41175	2.12%	0.167%
36	18.171	2494	2499	2503	rVV2	35506	63930	3.30%	0.260%

LSC Area Percent Report

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Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

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-BG111321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.218	2504	2507	2512	rVB	31978	40002	2.06%	0.162%
38	18.312	2519	2523	2531	rVB2	15496	35393	1.82%	0.144%
39	18.389	2532	2536	2540	rVV3	14001	21149	1.09%	0.086%
40	18.465	2543	2549	2553	rVV	122375	198578	10.24%	0.806%
41	18.512	2553	2557	2563	rVB	160951	254955	13.14%	1.035%
42	18.594	2566	2571	2576	rVV	46298	76024	3.92%	0.309%
43	18.665	2576	2583	2586	rVV3	131321	275167	14.19%	1.117%
44	18.694	2586	2588	2592	rVV2	74216	95365	4.92%	0.387%
45	18.765	2596	2600	2603	rVV5	18117	26188	1.35%	0.106%
46	18.806	2604	2607	2611	rVV2	21312	32746	1.69%	0.133%
47	18.859	2611	2616	2619	rVV6	18894	34838	1.80%	0.141%
48	18.900	2619	2623	2628	rVV6	12462	23164	1.19%	0.094%
49	18.953	2628	2632	2637	rVV	99965	157825	8.14%	0.641%
50	19.006	2637	2641	2647	rVB	115327	176357	9.09%	0.716%
51	19.199	2670	2674	2678	rVB2	30386	45039	2.32%	0.183%
52	19.246	2678	2682	2686	rBV	37063	49958	2.58%	0.203%
53	19.288	2686	2689	2695	rVB2	32290	44820	2.31%	0.182%
54	19.370	2697	2703	2709	rBV3	81937	190410	9.82%	0.773%
55	19.517	2722	2728	2736	rBV2	98127	177507	9.15%	0.721%
56	19.640	2742	2749	2754	rBV	1312845	1939594	100.00%	7.875%
57	19.687	2754	2757	2761	rVV	31660	42141	2.17%	0.171%
58	19.728	2761	2764	2769	rVB3	33139	50522	2.60%	0.205%
59	19.828	2777	2781	2784	rBV2	24376	35463	1.83%	0.144%
60	19.881	2787	2790	2796	rVV	41348	77779	4.01%	0.316%
61	19.963	2799	2804	2806	rVV2	211251	318839	16.44%	1.294%
62	20.004	2806	2811	2816	rVV	1018824	1563619	80.62%	6.348%
63	20.063	2816	2821	2827	rVB2	74392	107370	5.54%	0.436%
64	20.181	2835	2841	2846	rBV	1241303	1648429	84.99%	6.693%
65	20.239	2847	2851	2857	rVB2	39229	69242	3.57%	0.281%
66	20.316	2857	2864	2871	rBV4	88904	239481	12.35%	0.972%
67	20.375	2871	2874	2880	rBV3	24085	42129	2.17%	0.171%
68	20.457	2881	2888	2889	rBV4	69250	134214	6.92%	0.545%
69	20.480	2890	2892	2897	rVB	94348	126505	6.52%	0.514%
70	20.586	2906	2910	2913	rBV	37545	56303	2.90%	0.229%
71	20.645	2913	2920	2923	rVV2	98252	192538	9.93%	0.782%
72	20.680	2923	2926	2929	rVB	37921	48433	2.50%	0.197%
73	20.780	2940	2943	2947	rBV	60669	83051	4.28%	0.337%
74	20.827	2948	2951	2959	rVB	61918	120844	6.23%	0.491%
75	21.262	3021	3025	3034	rVB	161693	244231	12.59%	0.992%
76	21.450	3051	3057	3061	rBV2	103217	237866	12.26%	0.966%

LSC Area Percent Report

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Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
Sampling : 1 Min Area: 3 % of largest Peak
Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.556	3070	3075	3080	rBV2	83301	159553	8.23%	0.648%
78	21.614	3080	3085	3091	rVB	143518	261508	13.48%	1.062%
79	21.879	3124	3130	3137	rBV3	595720	1465546	75.56%	5.950%
80	21.943	3137	3141	3154	rVB	443517	857694	44.22%	3.482%
81	22.102	3164	3168	3174	rBV	54079	94229	4.86%	0.383%
82	22.319	3202	3205	3213	rVB2	59103	110001	5.67%	0.447%
83	22.942	3309	3311	3316	rVB3	32138	43198	2.23%	0.175%
84	24.223	3519	3529	3536	rBV2	305510	1097917	56.61%	4.458%
85	24.487	3570	3574	3584	rVB	52102	117022	6.03%	0.475%
86	24.981	3652	3658	3672	rVB	171985	509831	26.29%	2.070%
87	25.145	3677	3686	3699	rVB2	239989	722629	37.26%	2.934%
88	25.310	3705	3714	3721	rBV2	139218	392228	20.22%	1.592%
89	29.235	4373	4382	4403	rVB3	108395	553392	28.53%	2.247%

Sum of corrected areas: 24630299

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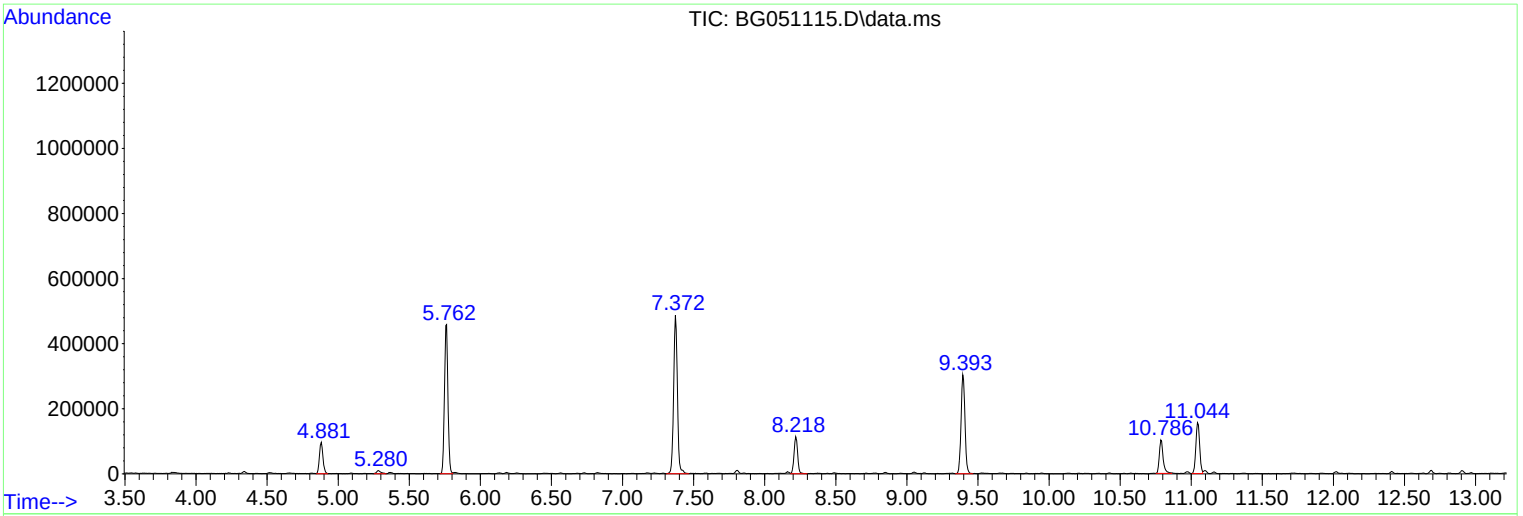
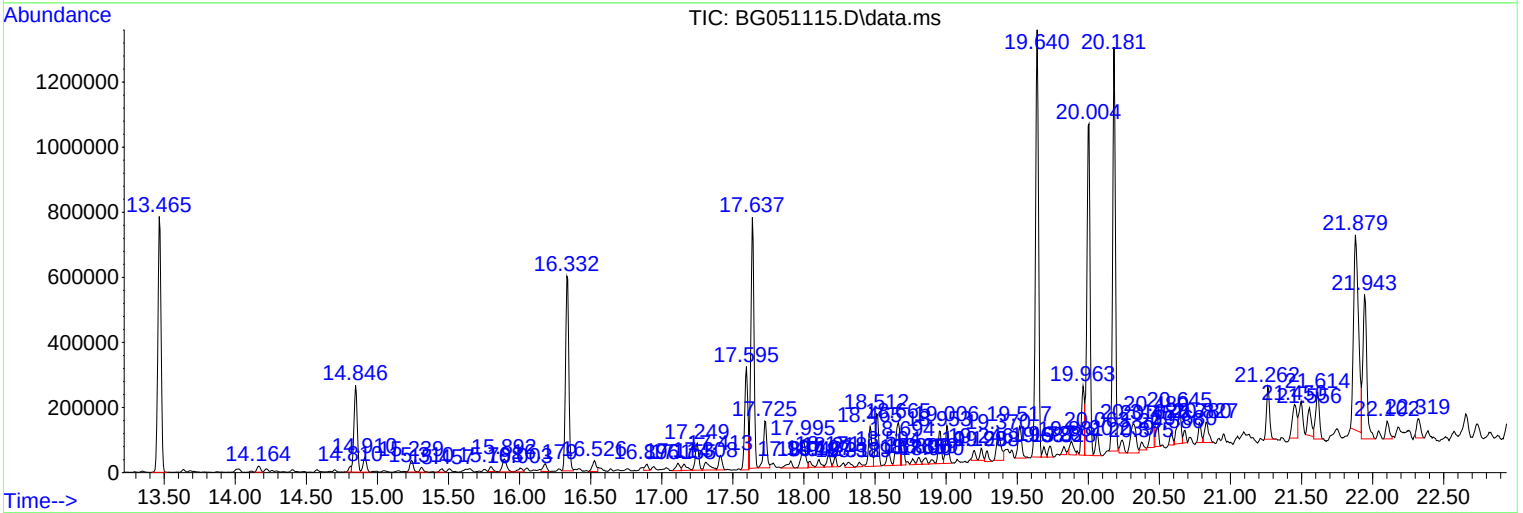
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

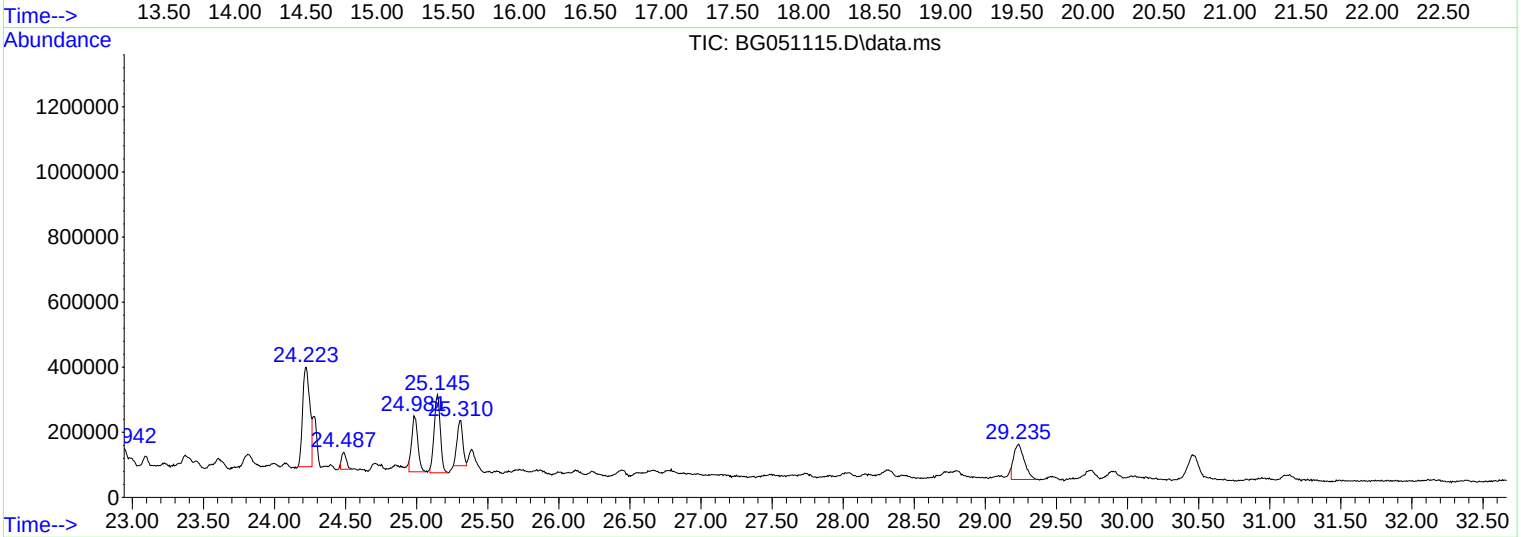
Instrument :
BNA_G
ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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\BG111821\
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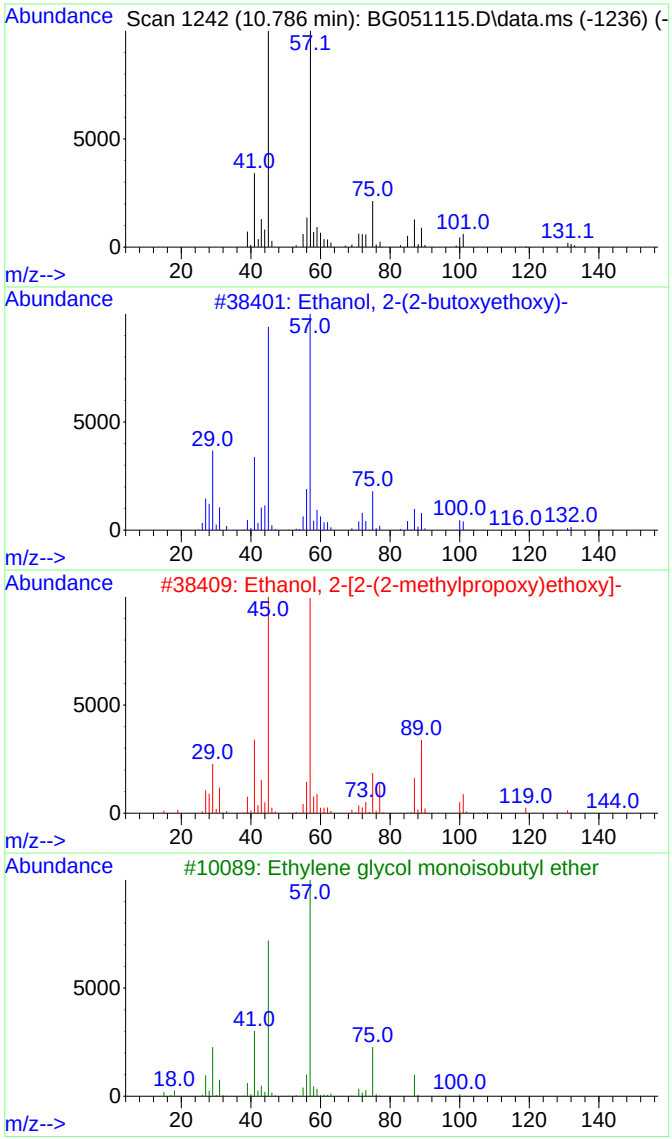
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

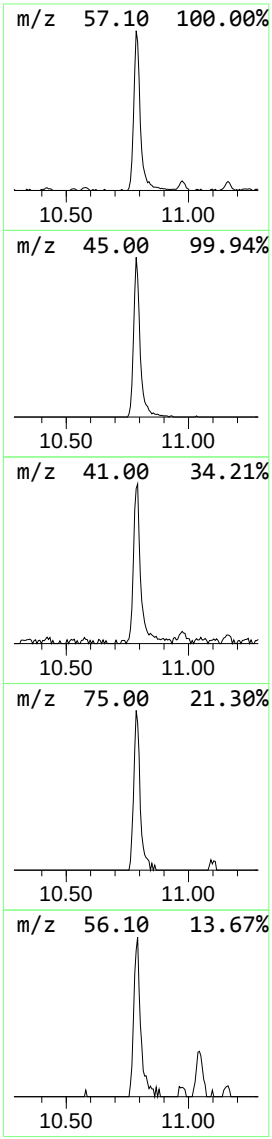
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.786	13.20 ng	191121	Naphthalene-d8	11.044

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	86
2	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	64
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
4	Hexaethylene glycol	282	C12H26O7	002615-15-8	50
5	Propanoic acid, 3-methoxy-2-meth...	132	C6H12O3	003852-11-7	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

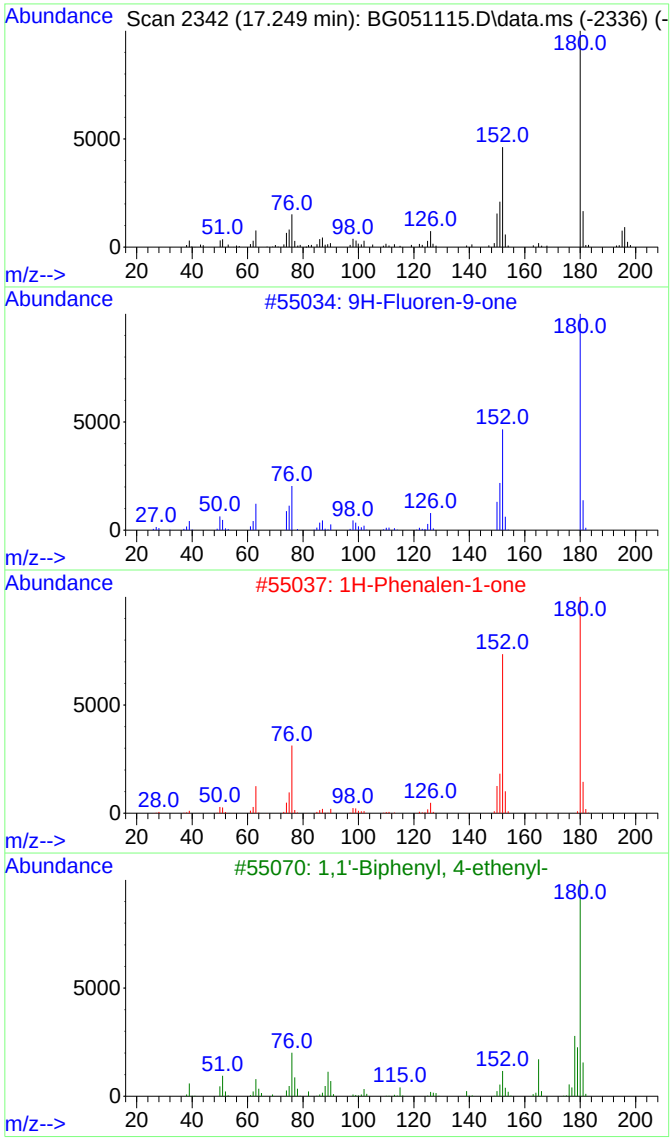
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

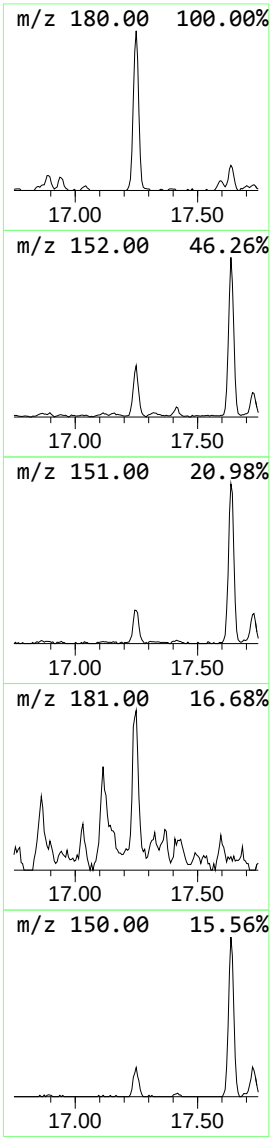
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.249	5.47 ng	139659	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	58
3	1,1'-Biphenyl, 4-ethenyl-	180	C14H12	002350-89-2	43
4	5-(Phenylethynyl)pyrimidine	180	C12H8N2	071418-88-7	38
5	Phenazine	180	C12H8N2	000092-82-0	38





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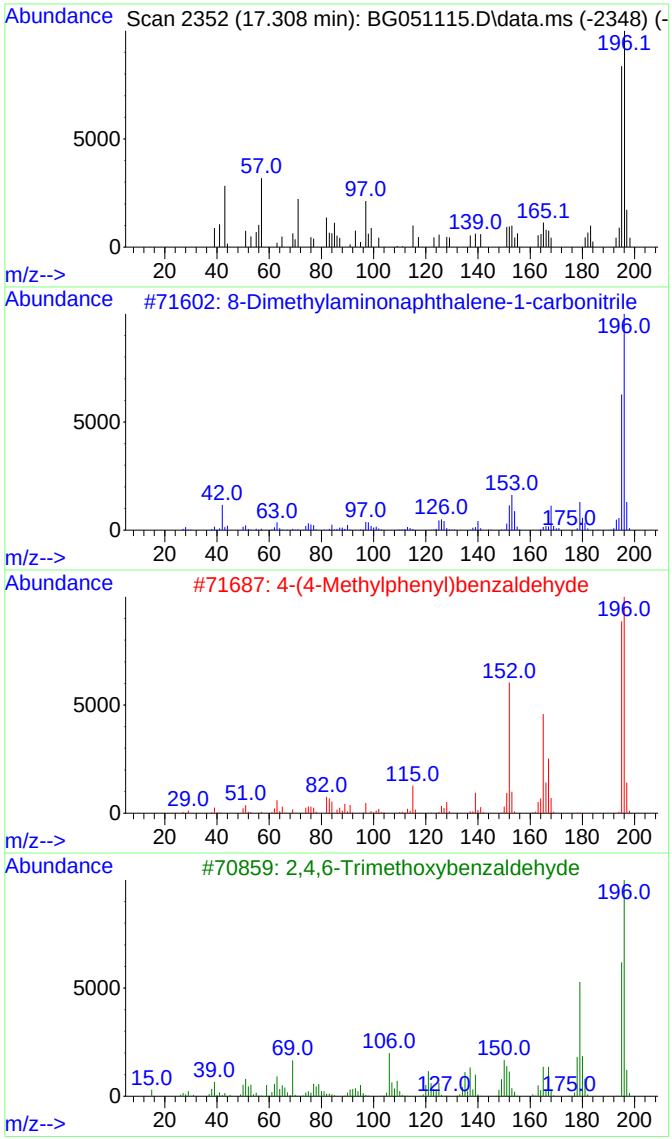
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

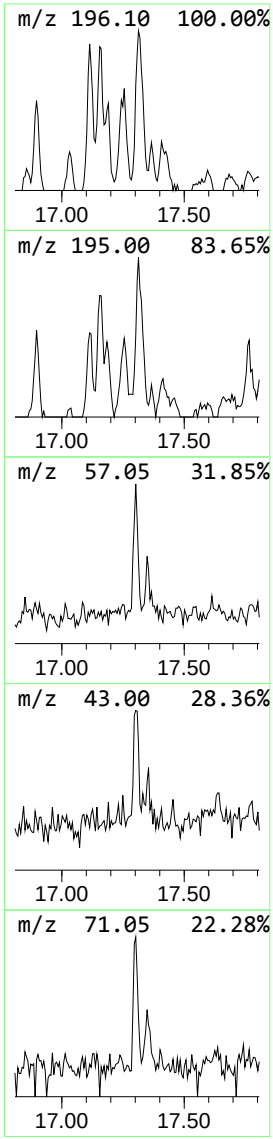
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 8-Dimethylaminonaphthalene-... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.308	2.81 ng	71615	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8-Dimethylaminonaphthalene-1-car...	196	C13H12N2	128644-69-9	87
2	4-(4-Methylphenyl)benzaldehyde	196	C14H12O	036393-42-7	59
3	2,4,6-Trimethoxybenzaldehyde	196	C10H12O4	000830-79-5	58
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	52
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	49





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

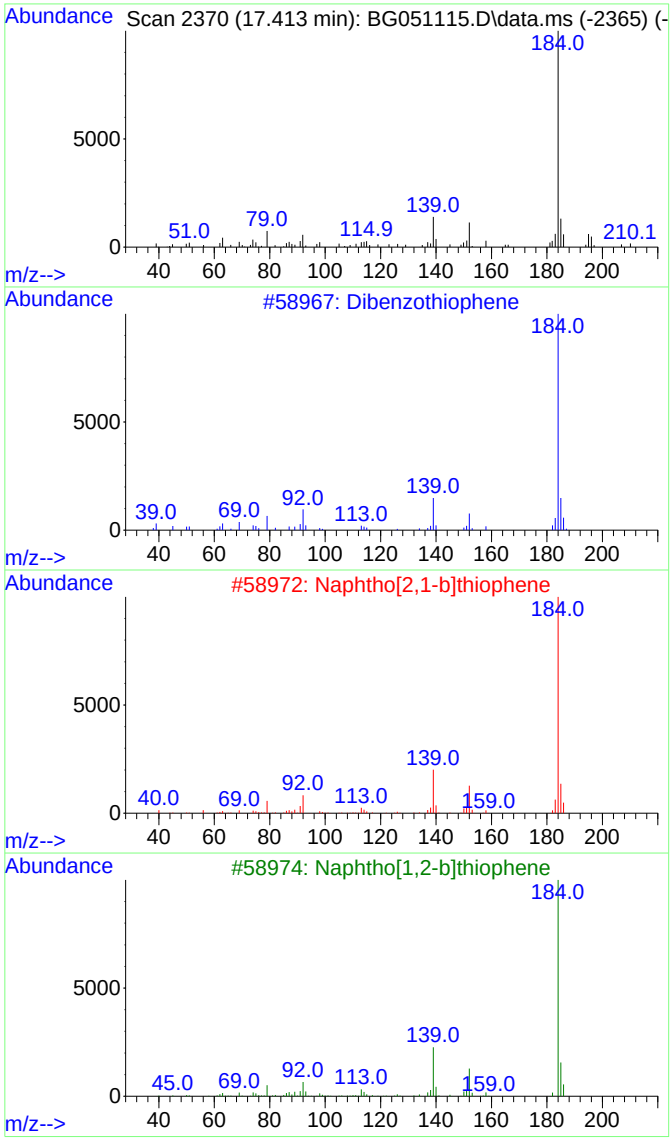
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

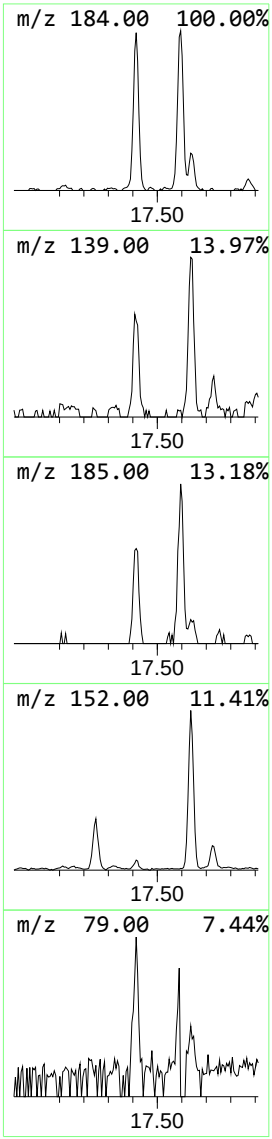
****

Peak Number 5 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.413	2.92 ng	74400	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	93
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	87
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	87
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83
5	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	76





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

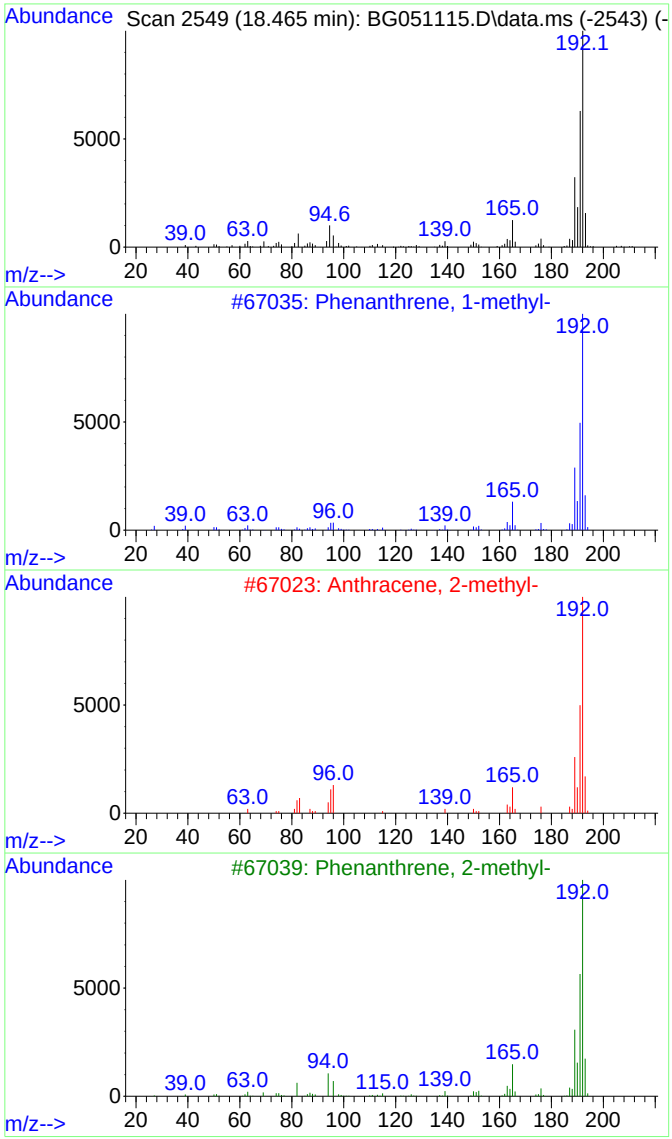
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

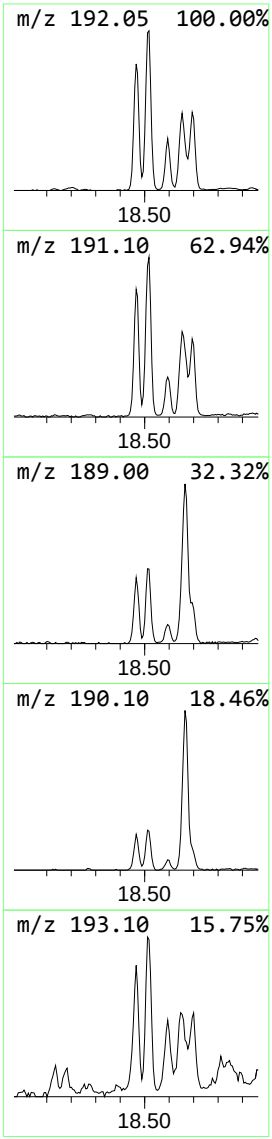
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.465	7.78 ng	198578	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90





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Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
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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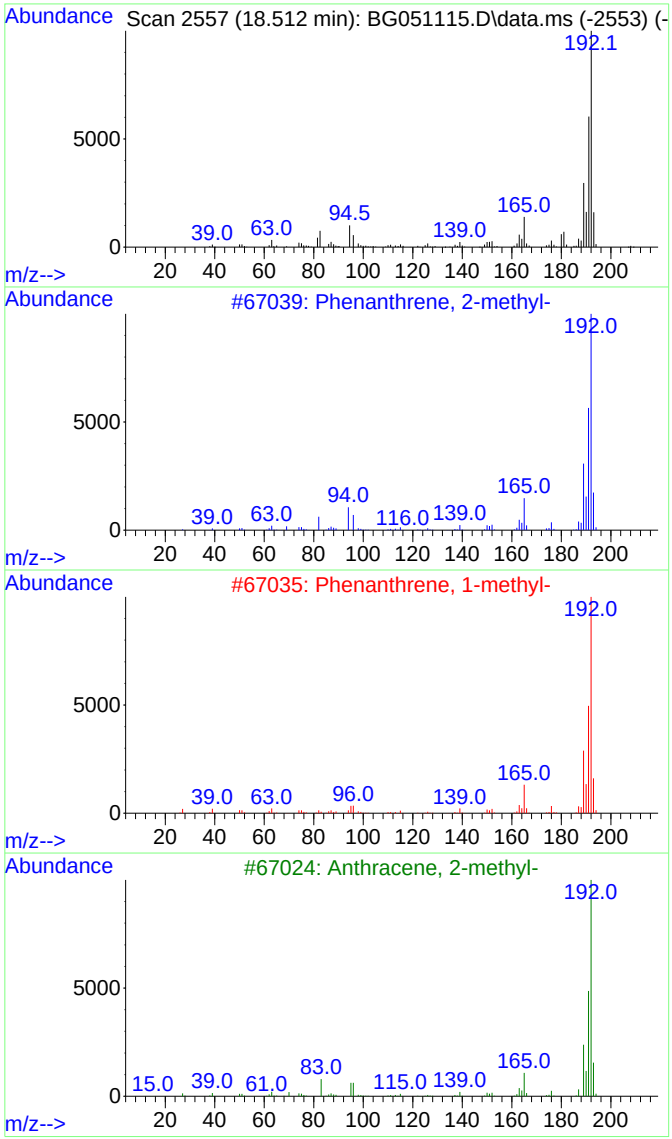
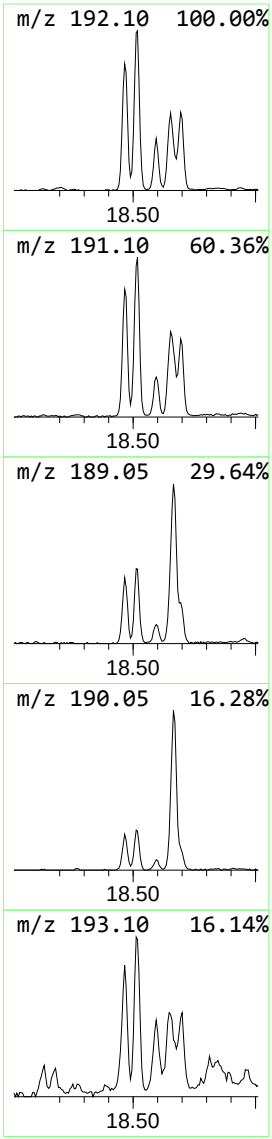
Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.512	9.99 ng	254955	Phenanthrene-d10	17.596

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	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





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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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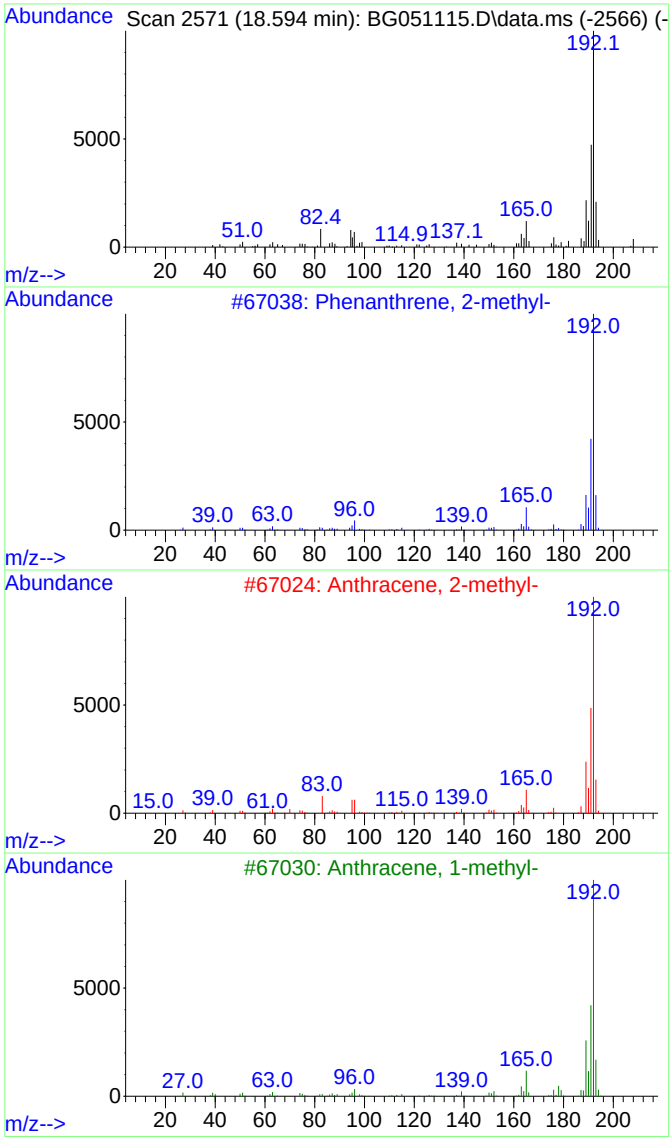
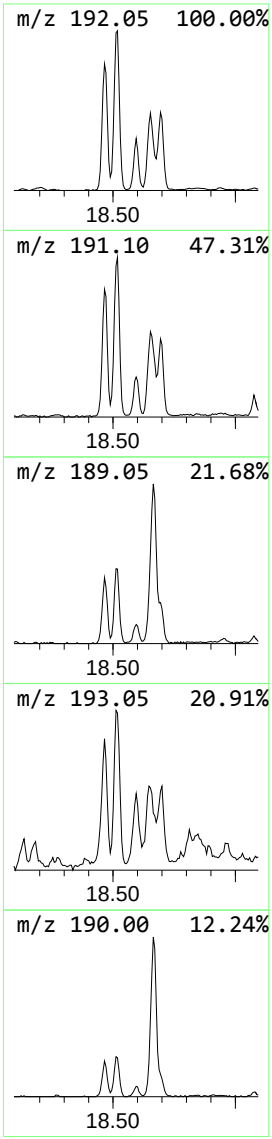
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.594	2.98 ng	76024	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	90
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90





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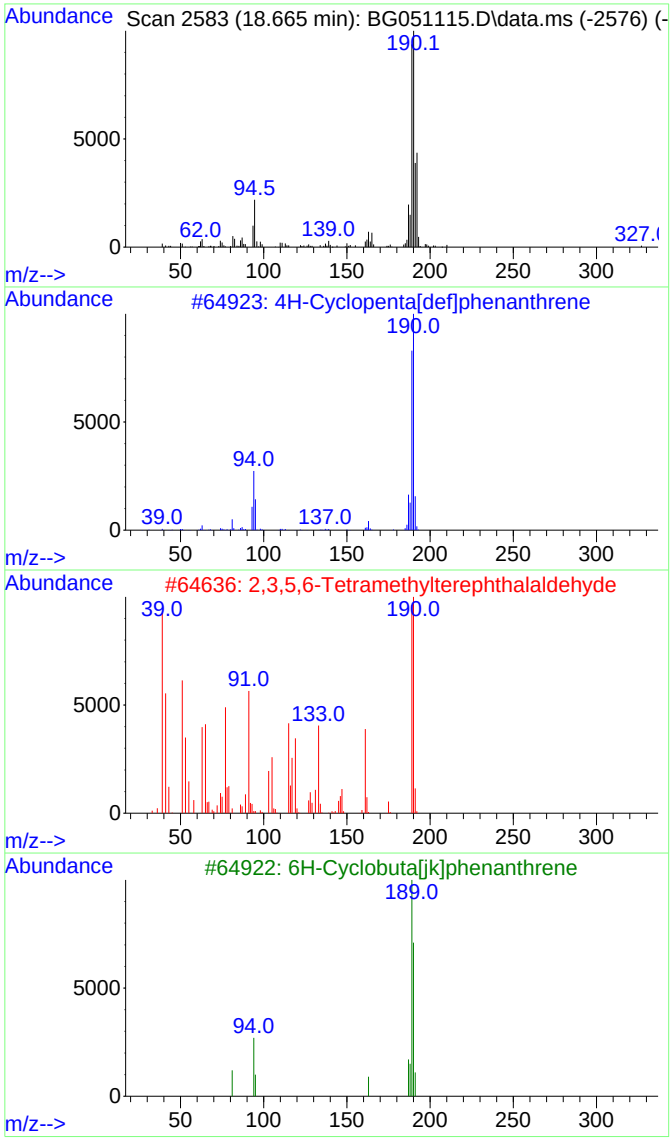
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

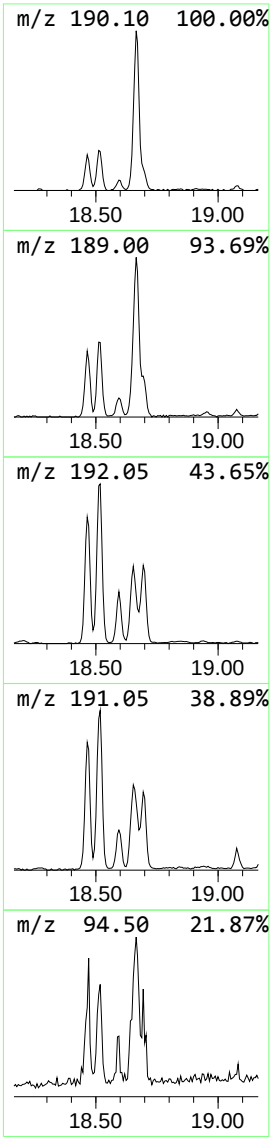
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.665	10.78 ng	275167	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	70
2	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	43
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	42
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	37
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33





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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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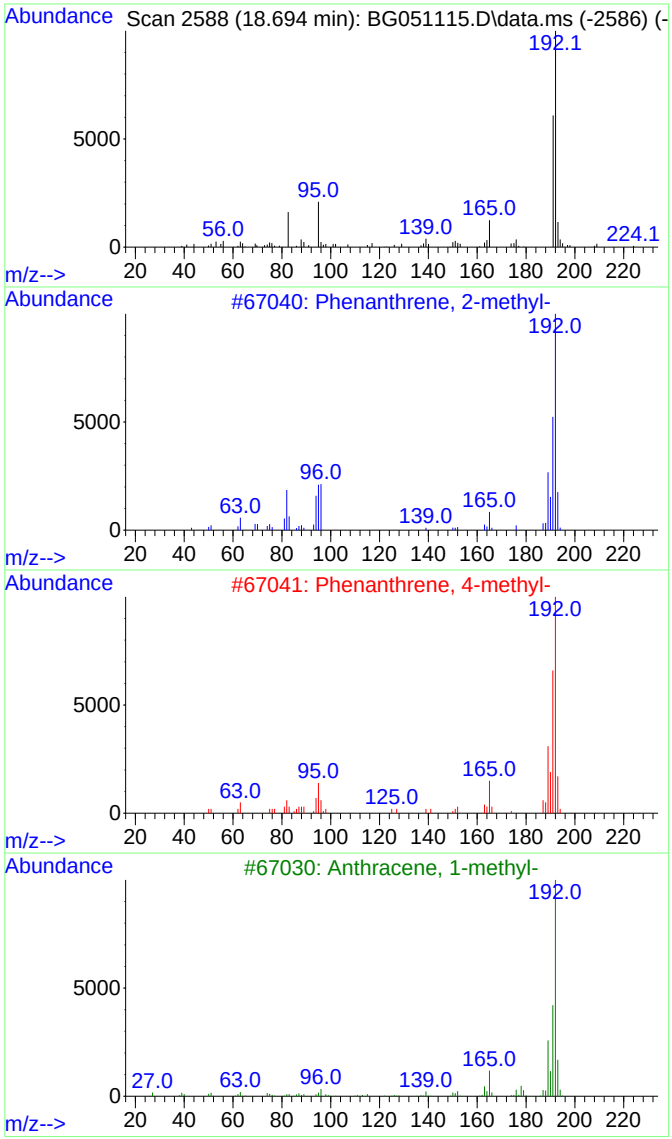
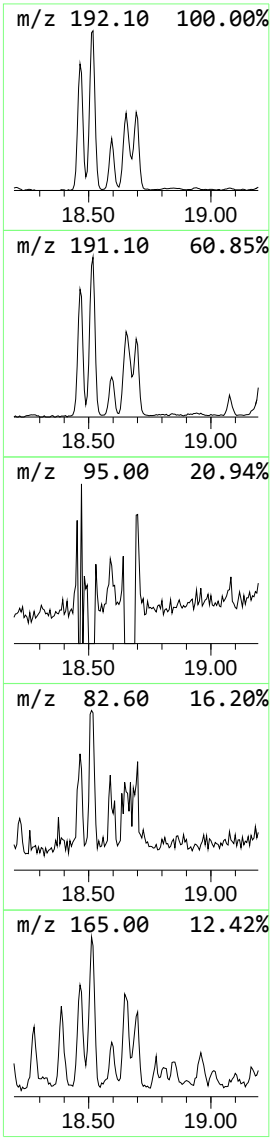
Peak Number 10 Phenanthrene, 4-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.694	3.74 ng	95365	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	80
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	68
4	Benzene, 1,1'-(1,2-propadienylid...	192	C15H12	014251-57-1	64
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	64





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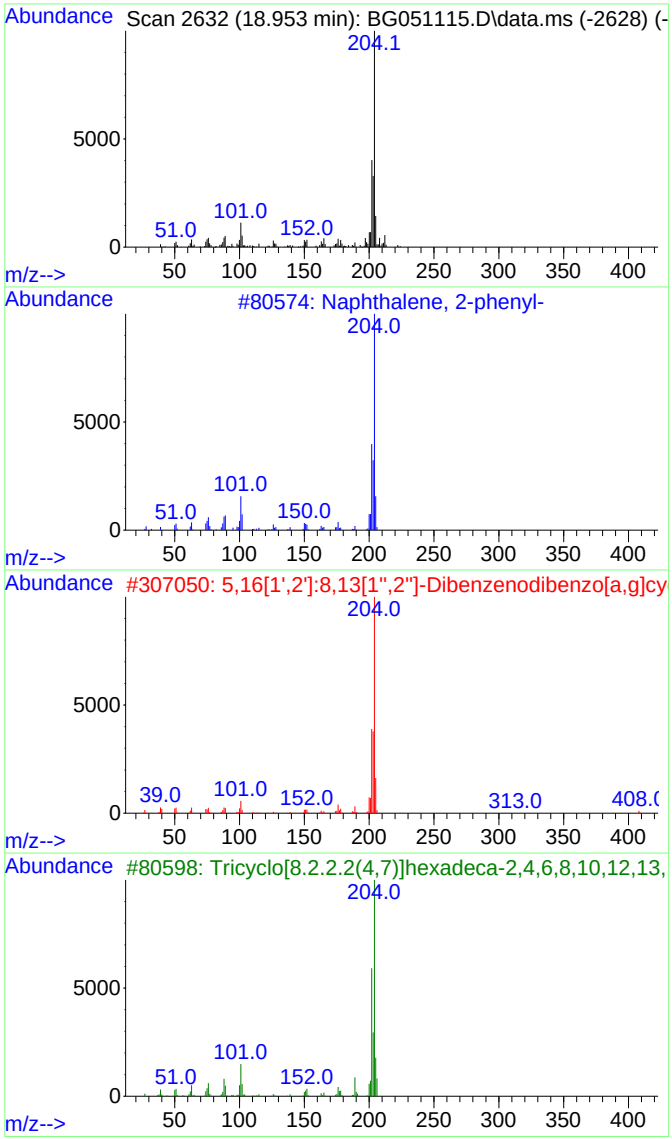
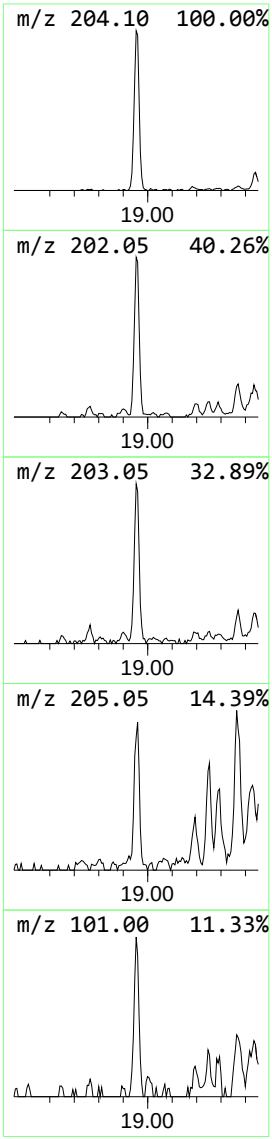
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.953	6.18 ng	157825	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	70
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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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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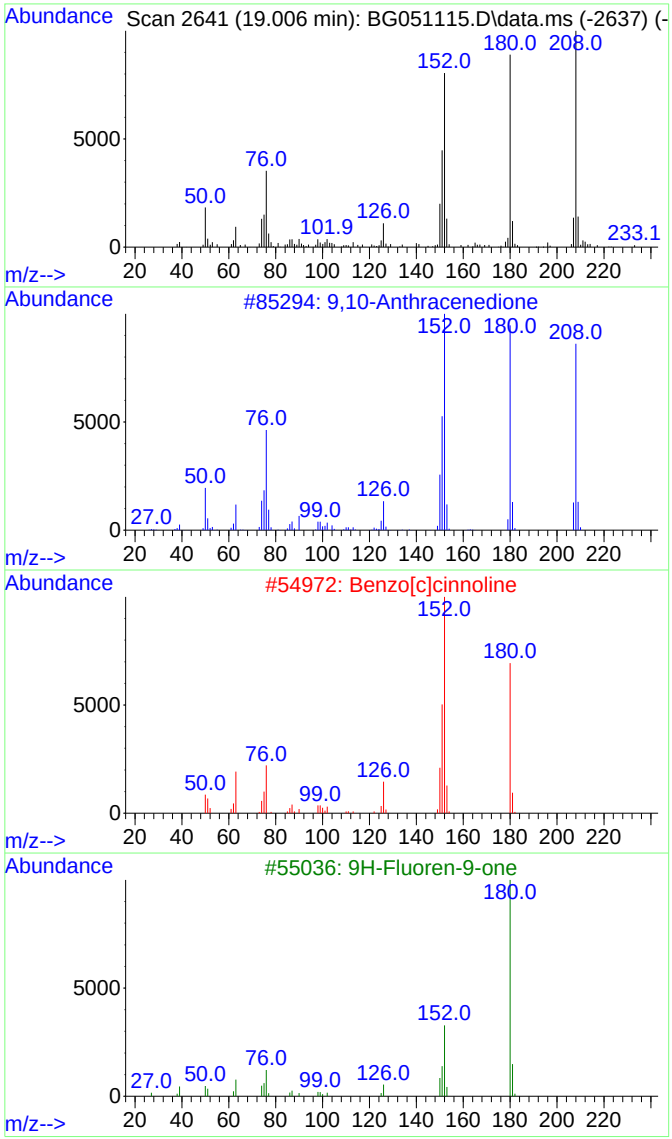
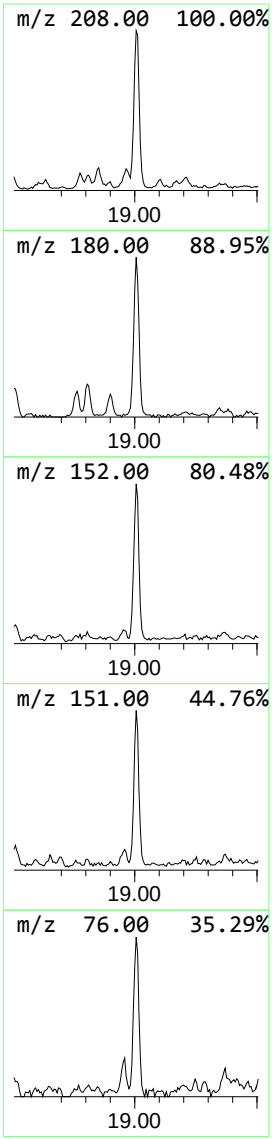
Peak Number 12 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.006	6.91 ng	176357	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	93
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	78
5	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	35





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Misc :
ALS Vial : 14 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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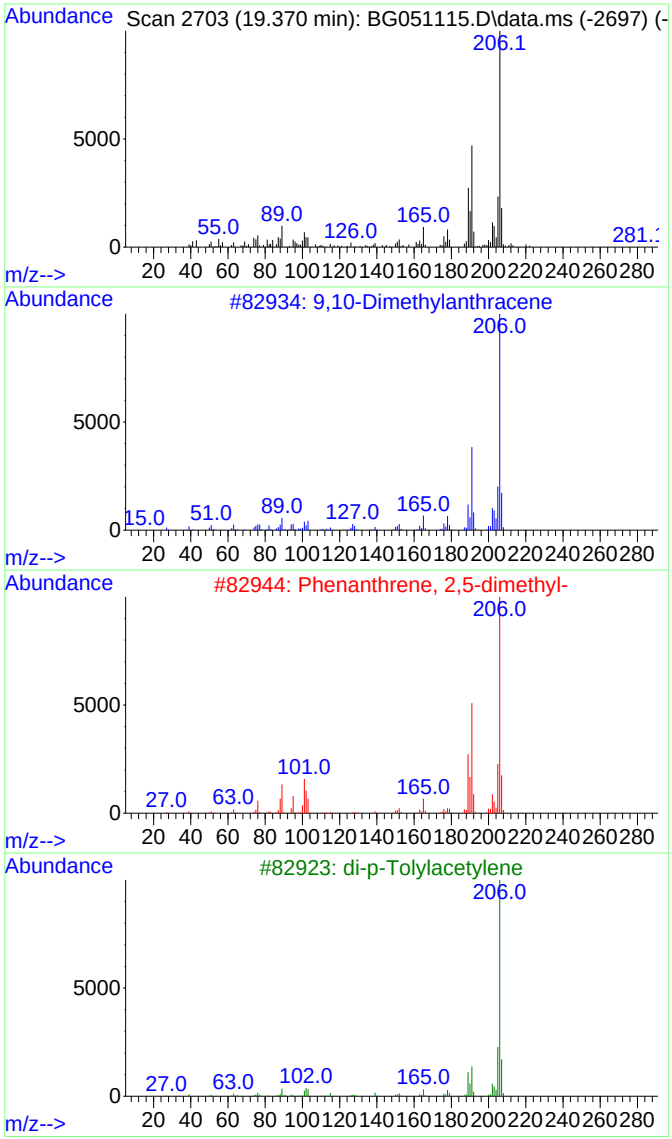
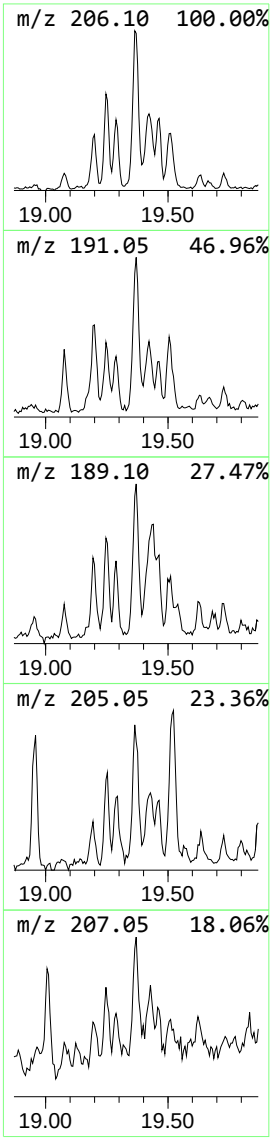
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.370	7.46 ng	190410	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91





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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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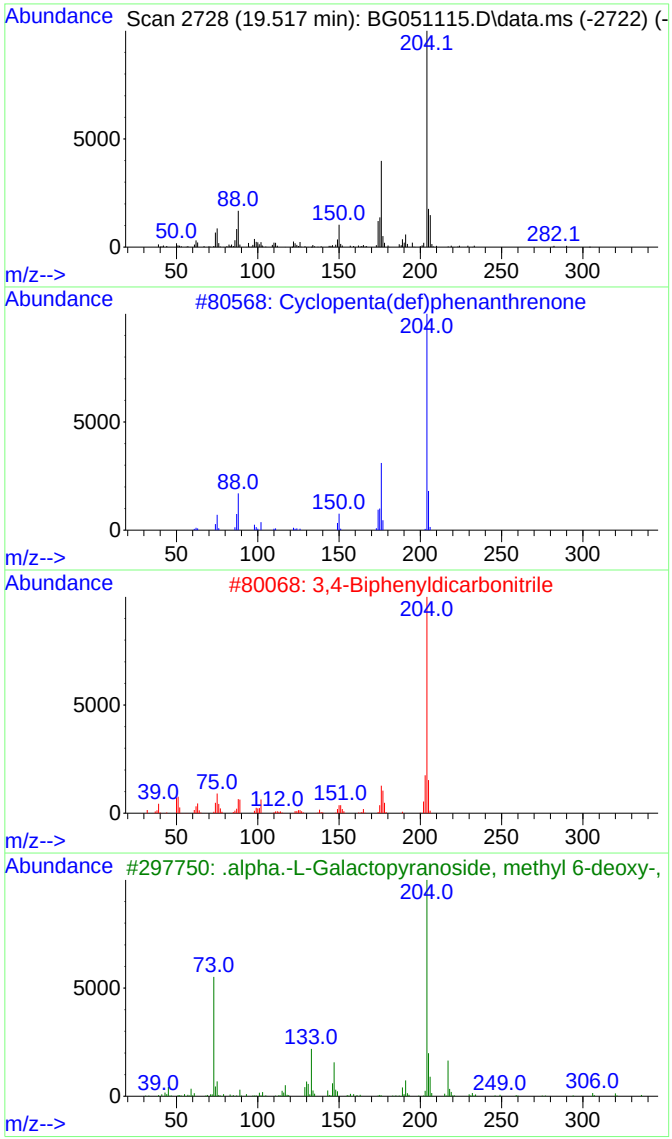
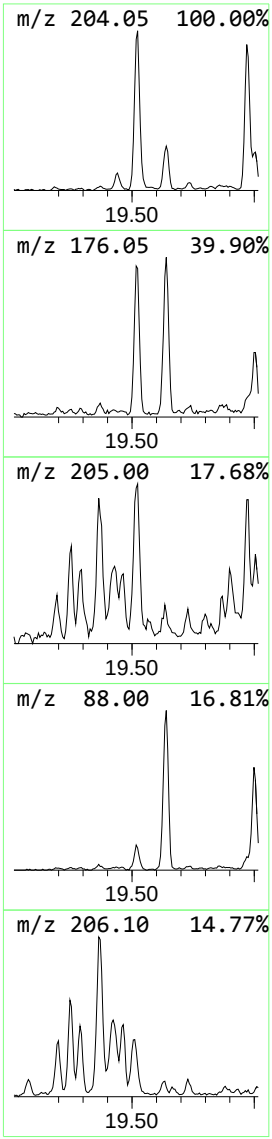
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.517	6.96 ng	177507	Phenanthrene-d10	17.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	.alpha.-L-Galactopyranoside, met...	394	C16H38O5Si3	056271-60-4	43
4	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	43
5	4(equat)-(but-3-en-1-ynyl)-2(axi...	219	C14H21NO	038423-22-2	42





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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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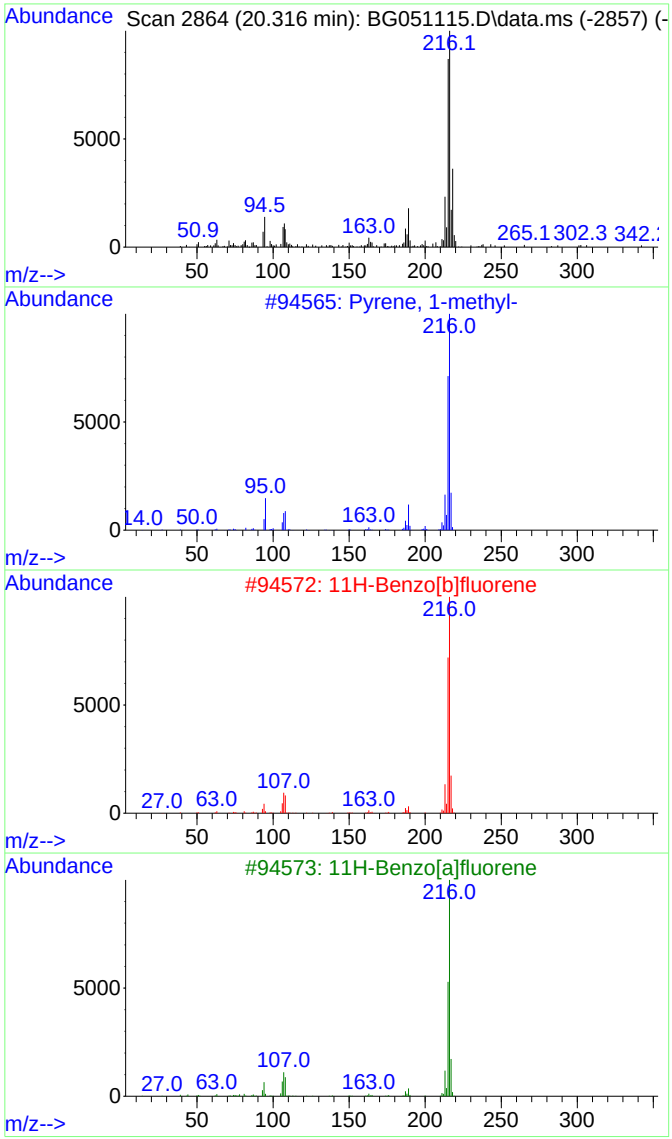
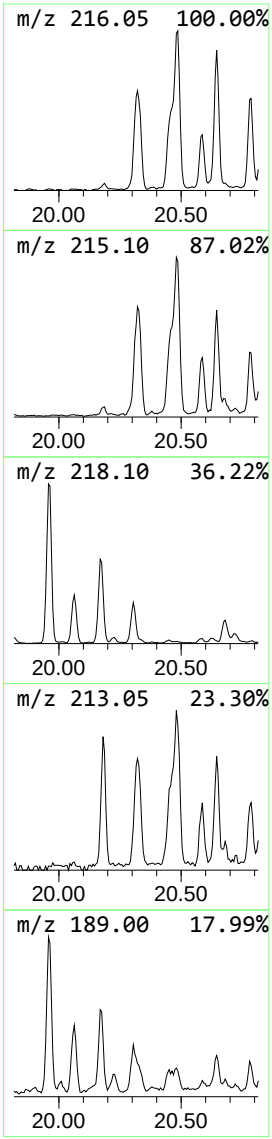
Peak Number 15 Pyrene, 1-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	3.27 ng	239481	Chrysene-d12	21.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	58





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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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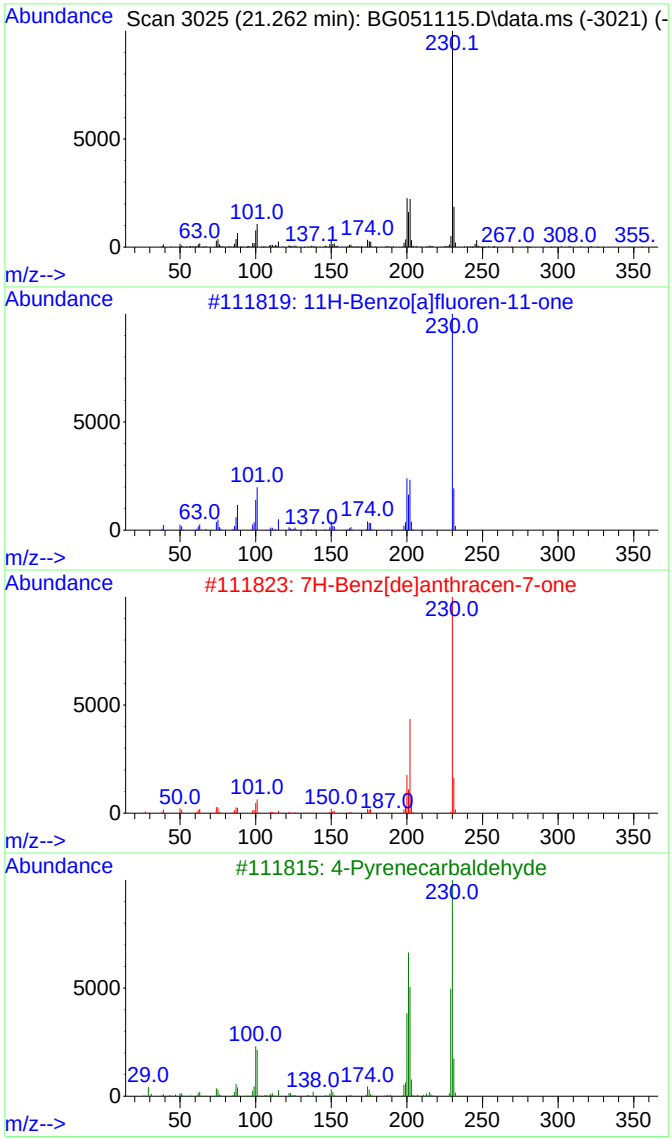
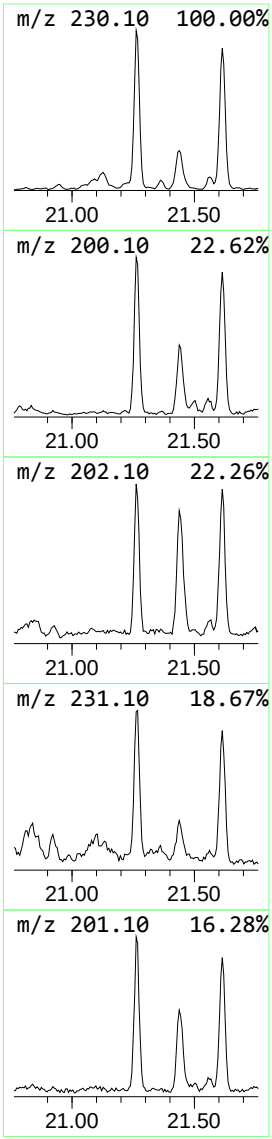
Peak Number 16 11H-Benzo[a]fluoren-11-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.262	3.33 ng	244231	Chrysene-d12	21.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	97
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	74
4	.delta.(sup1),.alpha.-Acenaphthe...	230	C15H6N2O	014619-86-4	59
5	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	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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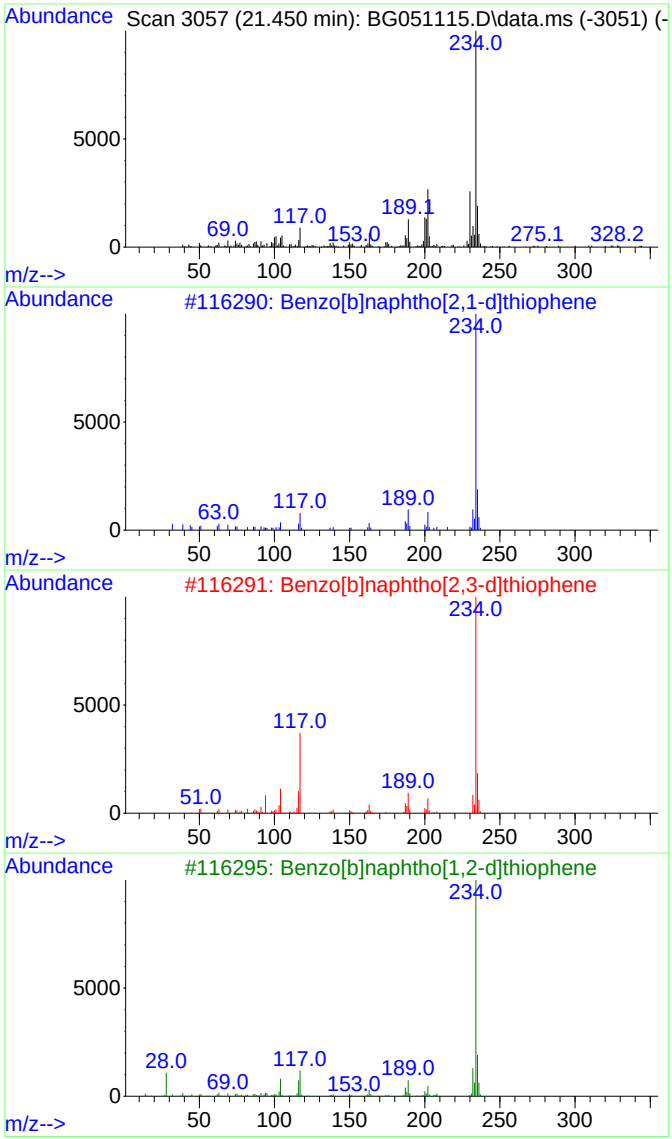
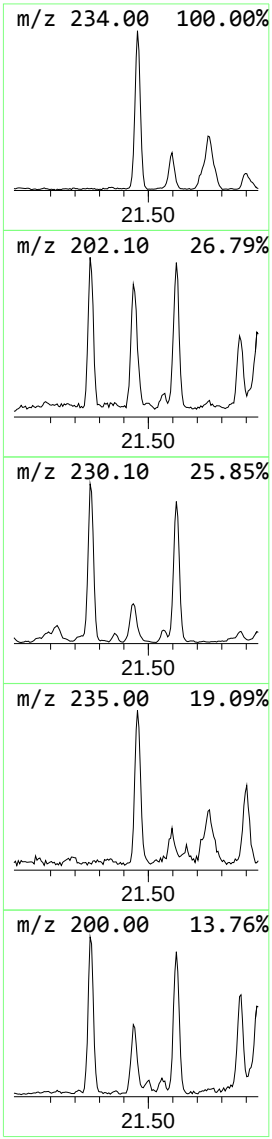
Peak Number 17 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.450	3.25 ng	237866	Chrysene-d12	21.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	94
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	70
3	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	58
4	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	53
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	52





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ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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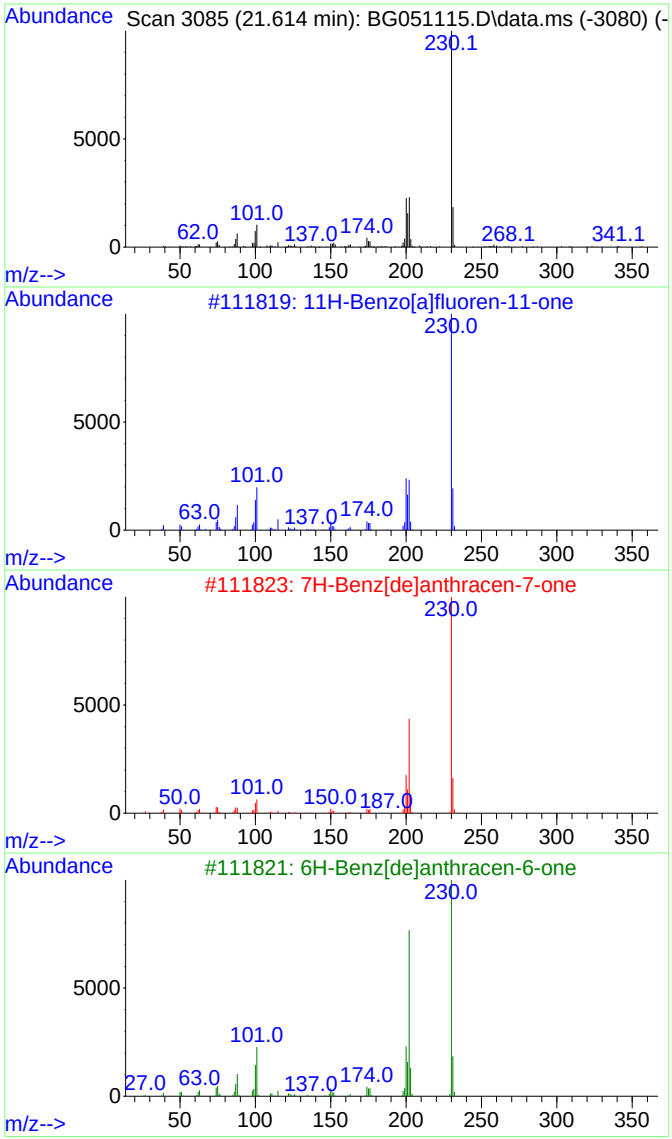
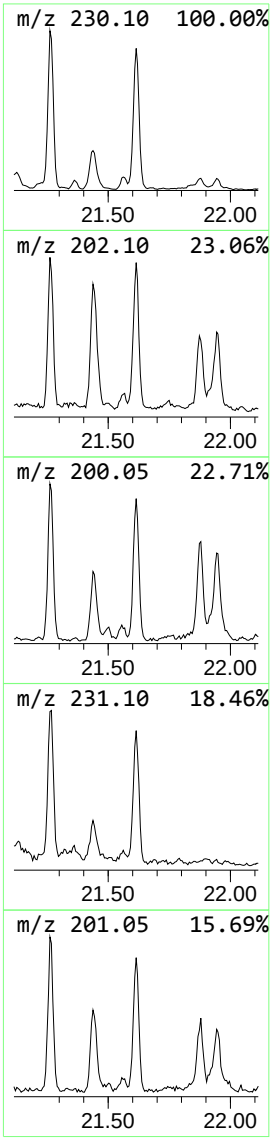
Peak Number 18 7H-Benz[de]anthracen-7-one Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.614	3.57 ng	261508	Chrysene-d12	21.896

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	94
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	94
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	64
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	64
5	o-Terphenyl	230	C18H14	000084-15-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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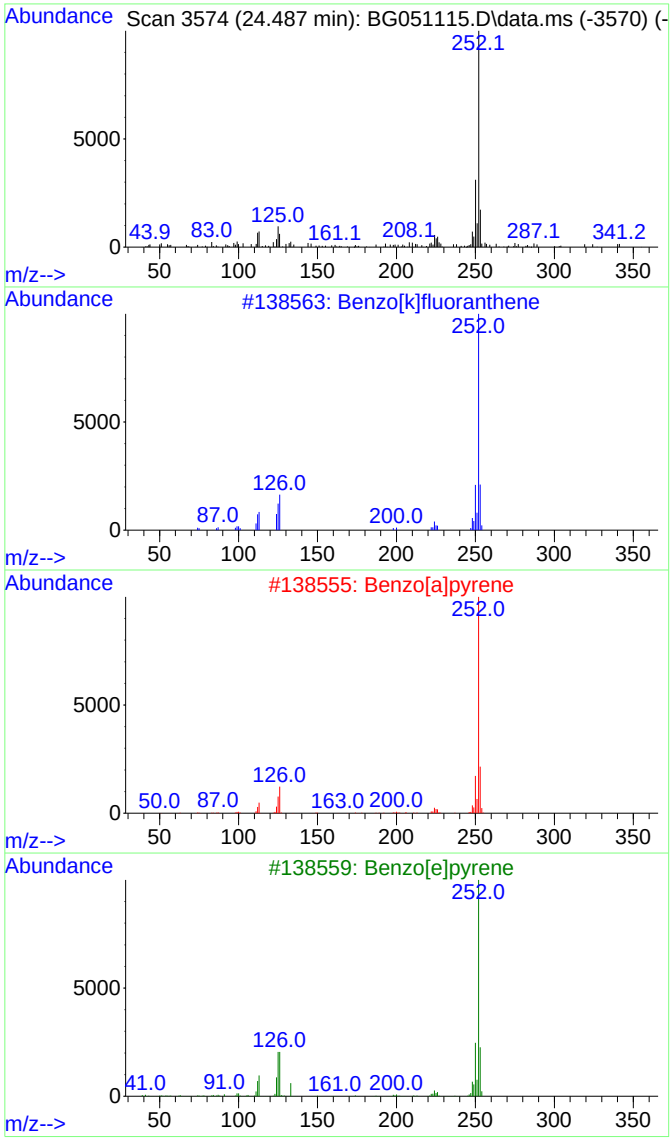
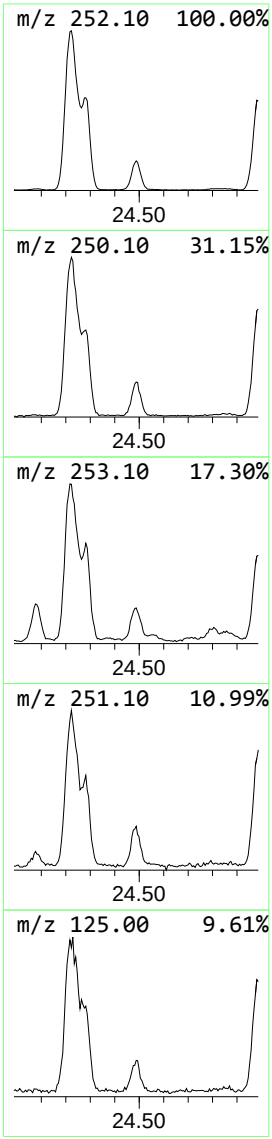
Peak Number 19 Benzo[e]pyrene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.487	5.97 ng	117022	Perylene-d12	25.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	90
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[e]pyrene	252	C20H12	000192-97-2	76
4	Perylene	252	C20H12	000198-55-0	70
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	68





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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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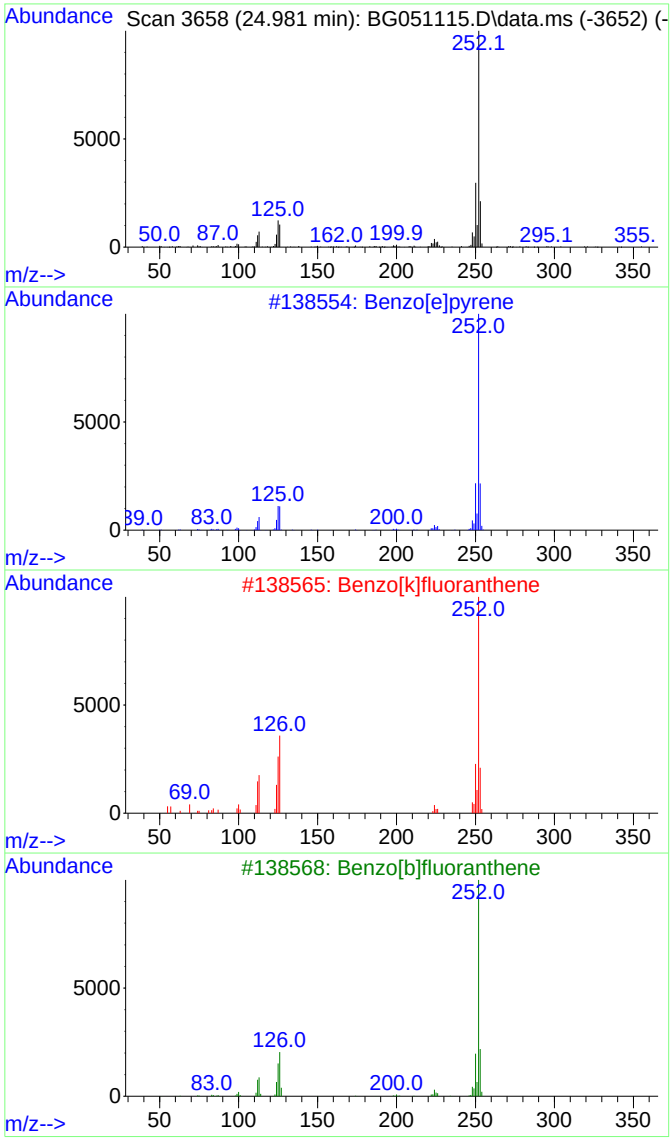
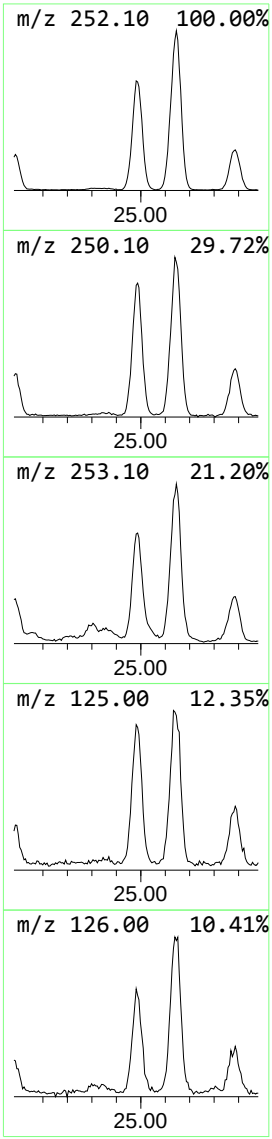
Peak Number 20 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.981	26.00 ng	509831	Perylene-d12	25.304

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG111821\
Data File : BG051115.D
Acq On : 18 Nov 2021 21:36
Operator : CG/JU
Sample : M4707-39
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
4-COMP

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111321.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
Ethanol, 2-(2-b...	10.786	13.2	ng	191121	2	11.044	289636	20.0
9H-Fluoren-9-one	17.249	5.5	ng	139659	4	17.596	510439	20.0
8-Dimethylamino...	17.308	2.8	ng	71615	4	17.596	510439	20.0
Dibenzothiophene	17.413	2.9	ng	74400	4	17.596	510439	20.0
Phenanthrene, 1...	18.465	7.8	ng	198578	4	17.596	510439	20.0
Phenanthrene, 2...	18.512	10.0	ng	254955	4	17.596	510439	20.0
Anthracene, 2-m...	18.594	3.0	ng	76024	4	17.596	510439	20.0
4H-Cyclopenta[d...	18.665	10.8	ng	275167	4	17.596	510439	20.0
Phenanthrene, 4...	18.694	3.7	ng	95365	4	17.596	510439	20.0
Naphthalene, 2-...	18.953	6.2	ng	157825	4	17.596	510439	20.0
9,10-Anthracene...	19.006	6.9	ng	176357	4	17.596	510439	20.0
9,10-Dimethylan...	19.370	7.5	ng	190410	4	17.596	510439	20.0
Cyclopenta(def)...	19.517	7.0	ng	177507	4	17.596	510439	20.0
Pyrene, 1-methyl-	20.316	3.3	ng	239481	5	21.896	1465550	20.0
11H-Benzo[a]flu...	21.262	3.3	ng	244231	5	21.896	1465550	20.0
Benzo[b]naphtho...	21.450	3.3	ng	237866	5	21.896	1465550	20.0
7H-Benz[de]anth...	21.614	3.6	ng	261508	5	21.896	1465550	20.0
Benzo[e]pyrene	24.487	6.0	ng	117022	6	25.304	392228	20.0
Benzo[j]fluoran...	24.981	26.0	ng	509831	6	25.304	392228	20.0