LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG055988.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.896	439	444	450	rBB	21841	33527	1.36%	0.175%
2	7.506	712	718	724	rBB	26336	43767	1.77%	0.228%
3	8.381	861	867	874	rBB	37224	62575	2.53%	0.326%
4	9.550	1060	1066	1072	rBB2	16307	27423	1.11%	0.143%
5	11.219	1343	1350	1355	rBV	47165	85330	3.45%	0.445%
6	12.847	1620	1627	1633	rBB	54297	87141	3.53%	0.454%
7	13.058	1654	1663	1670	rBB	48493	79819	3.23%	0.416%
8	13.616	1752	1758	1764	rBB	56299	79833	3.23%	0.416%
9	14.022	1822	1827	1837	rVB	31224	55567	2.25%	0.290%
10	14.169	1842	1852	1858	rBB4	42426	107694	4.36%	0.562%
11	14.315	1870	1877	1882	rBV	79274	143610	5.81%	0.749%
12	14.368	1882	1886	1893	rVB	50955	78677	3.18%	0.410%
13	14.545	1911	1916	1920	rBV	44705	71027	2.87%	0.370%
14	14.709	1940	1944	1950	rVB	27970	41655	1.69%	0.217%
15	14.950	1980	1985	1987	rBV	28583	38913	1.57%	0.203%
16	14.991	1987	1992	1997	rVV	81513	130938	5.30%	0.683%
17	15.056	1997	2003	2009	rVB2	110257	175887	7.12%	0.917%
18	15.185	2019	2025	2035	rBV2	27691	65737	2.66%	0.343%
19	15.291	2035	2043	2048	rVV2	26780	59807	2.42%	0.312%
20	15.373	2051	2057	2064	rVV3	48458	92896	3.76%	0.484%
21	15.449	2064	2070	2078	rVB	36582	54277	2.20%	0.283%
22	15.590	2088	2094	2099	rBV2	26489	44008	1.78%	0.230%
23	15.649	2099	2104	2109	rVB	26196	36567	1.48%	0.191%
24	15.761	2116	2123	2126	rBV2	22260	50879	2.06%	0.265%
25	15.796	2126	2129	2134	rVB3	20657	29390	1.19%	0.153%
26	15.931	2148	2152	2157	rVB3	20740	30321	1.23%	0.158%
27	16.031	2157	2169	2178	rBV	119396	221755	8.97%	1.156%
28	16.119	2178	2184	2186	rVV	28043	42875	1.73%	0.224%
29	16.149	2186	2189	2193	rVV2	40661	68929	2.79%	0.359%
30	16.190	2193	2196	2200	rVV2	38500	57562	2.33%	0.300%
31	16.237	2200	2204	2207	rVV3	20137	31768	1.29%	0.166%
32	16.284	2207	2212	2215	rVV4	24193	52672	2.13%	0.275%
33	16.319	2215	2218	2226	rVB2	34422	61834	2.50%	0.322%
34	16.466	2237	2243	2250	rVB	63540	102442	4.14%	0.534%
35	17.030	2328	2339	2343	rBV3	46626	111946	4.53%	0.584%
36	17.077	2343	2347	2352	rVV2	40818	64163	2.60%	0.335%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.171	2360	2363	2368	rVB2	20485	33051	1.34%	0.172%
38	17.253	2368	2377	2381	rBV7	20526	61707	2.50%	0.322%
39	17.294	2381	2384	2391	rVV4	24988	46548	1.88%	0.243%
40	17.377	2391	2398	2404	rVV	124511	204876	8.29%	1.068%
41	17.459	2407	2412	2421	rVV6	15769	42452	1.72%	0.221%
42	17.547	2421	2427	2435	rVB	149890	227592	9.21%	1.187%
43	17.735	2452	2459	2461	rBV	97569	165616	6.70%	0.864%
44	17.788	2461	2468	2476	rVB	1487714	2472044	100.00%	12.892%
45	17.864	2476	2481	2488	rBV	209906	324163	13.11%	1.691%
46	18.035	2499	2510	2519	rVB3	38203	84714	3.43%	0.442%
47	18.176	2532	2534	2540	rVV5	14390	27921	1.13%	0.146%
48	18.240	2540	2545	2550	rVV	70964	106285	4.30%	0.554%
49	18.305	2551	2556	2564	rVB	137768	213630	8.64%	1.114%
50	18.405	2570	2573	2576	rBV	23036	29248	1.18%	0.153%
51	18.446	2576	2580	2587	rVB	61152	123146	4.98%	0.642%
52	18.522	2587	2593	2598	rBV2	50527	88254	3.57%	0.460%
53	18.599	2600	2606	2610	rVV	377014	575805	23.29%	3.003%
54	18.652	2610	2615	2620	rVB	432187	628318	25.42%	3.277%
55	18.728	2623	2628	2632	rVB	75796	106967	4.33%	0.558%
56	18.787	2632	2638	2643	rBV2	342679	745316	30.15%	3.887%
57	18.828	2643	2645	2650	rVB	302058	372628	15.07%	1.943%
58	18.892	2652	2656	2660	rBV2	22557	29591	1.20%	0.154%
59	18.986	2667	2672	2675	rBV3	29448	44537	1.80%	0.232%
60	19.086	2683	2689	2692	rBV	253995	383857	15.53%	2.002%
61	19.133	2692	2697	2705	rVB2	309405	505464	20.45%	2.636%
62	19.210	2705	2710	2714	rBV	46053	81034	3.28%	0.423%
63	19.327	2721	2730	2734	rBV3	93043	182255	7.37%	0.950%
64	19.374	2734	2738	2741	rVV	68399	93014	3.76%	0.485%
65	19.415	2741	2745	2748	rVB2	43105	60882	2.46%	0.318%
66	19.498	2753	2759	2763	rBV	161656	274743	11.11%	1.433%
67	19.556	2763	2769	2772	rBV2	47237	97829	3.96%	0.510%
68	19.644	2778	2784	2794	rBV2	156038	321801	13.02%	1.678%
69	19.768	2794	2805	2810	rVV	781502	1278900	51.73%	6.670%
70	19.815	2810	2813	2816	rVV	61302	86697	3.51%	0.452%
71	19.850	2816	2819	2825	rVB2	66841	102642	4.15%	0.535%
72	19.950	2831	2836	2840	rBV2	104519	146063	5.91%	0.762%
73	19.997	2841	2844	2855	rVB3	49396	100565	4.07%	0.524%
74	20.132	2856	2867	2872	rVV	1104543	1863341	75.38%	9.717%
75	20.179	2872	2875	2880	rVB2	57574	93415	3.78%	0.487%
76	20.297	2892	2895	2899	rVB2	100928	129710	5.25%	0.676%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

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-BG121322.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	20.338	2899	2902	2909	rVB3	35840	55873	2.26%	0.291%
78	20.444	2913	2920	2926	rBV2	119639	262981	10.64%	1.371%
79	20.596	2937	2946	2951	rVB	129886	335086	13.56%	1.748%
80	20.767	2970	2975	2979	rVB	148117	199594	8.07%	1.041%
81	20.908	2995	2999	3003	rBV	121029	183298	7.41%	0.956%
82	20.955	3003	3007	3016	rVB	157960	255315	10.33%	1.331%
83	21.395	3077	3082	3088	rVB	156250	264067	10.68%	1.377%
84	21.583	3108	3114	3119	rBV2	68174	187039	7.57%	0.975%
85	21.636	3120	3123	3128	rVB	97588	147382	5.96%	0.769%
86	21.748	3138	3142	3153	rVB2	108363	220886	8.94%	1.152%
87	22.024	3183	3189	3197	rBV2	392801	991429	40.11%	5.170%
88	22.100	3197	3202	3215	rVB	373701	767268	31.04%	4.001%
89	22.829	3322	3326	3333	rVB	69227	125074	5.06%	0.652%

Sum of corrected areas: 19175124

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
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Operator : CG/JU
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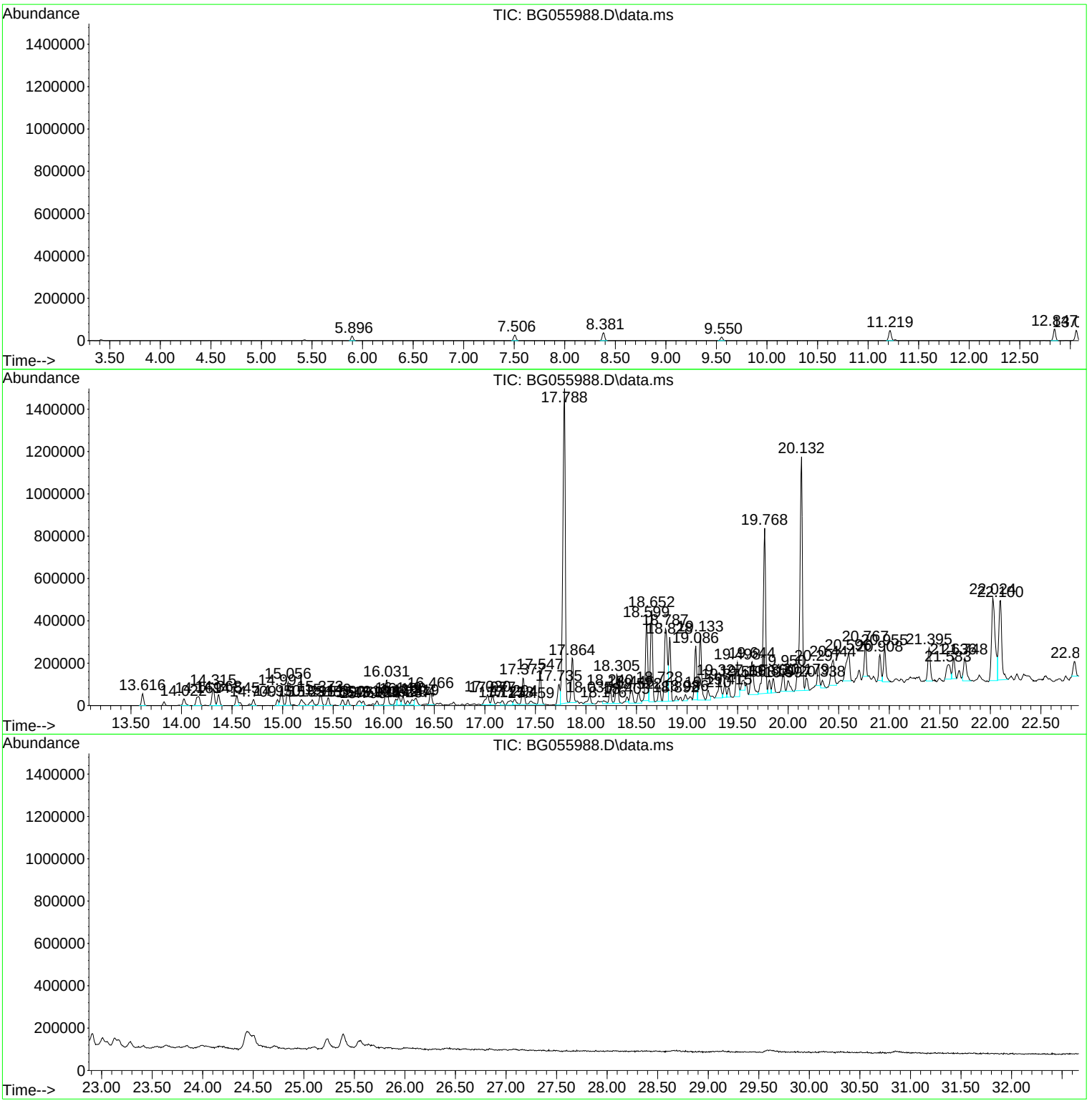
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

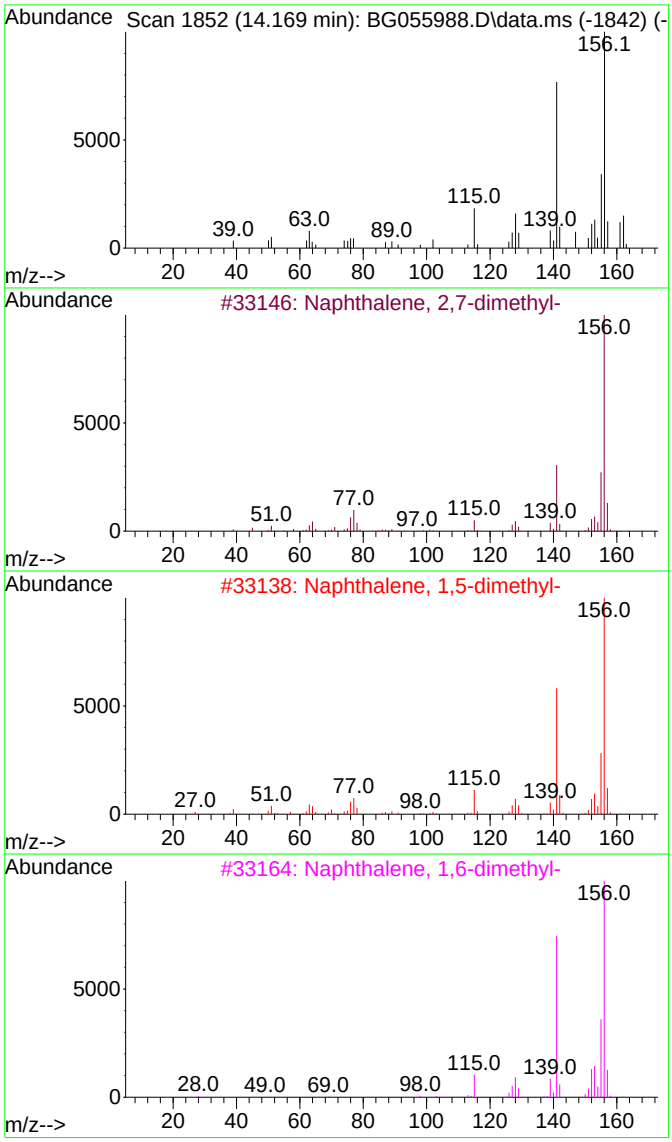
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

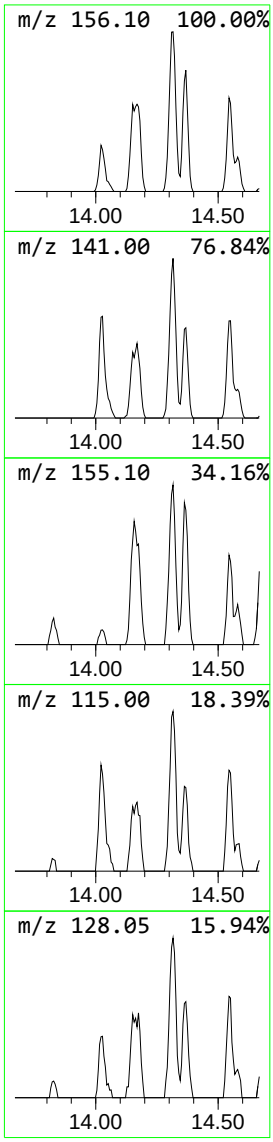
****

Peak Number 1 Naphthalene, 2,7-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.169	16.45 ng	107694	Acenaphthene-d10	14.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	95
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

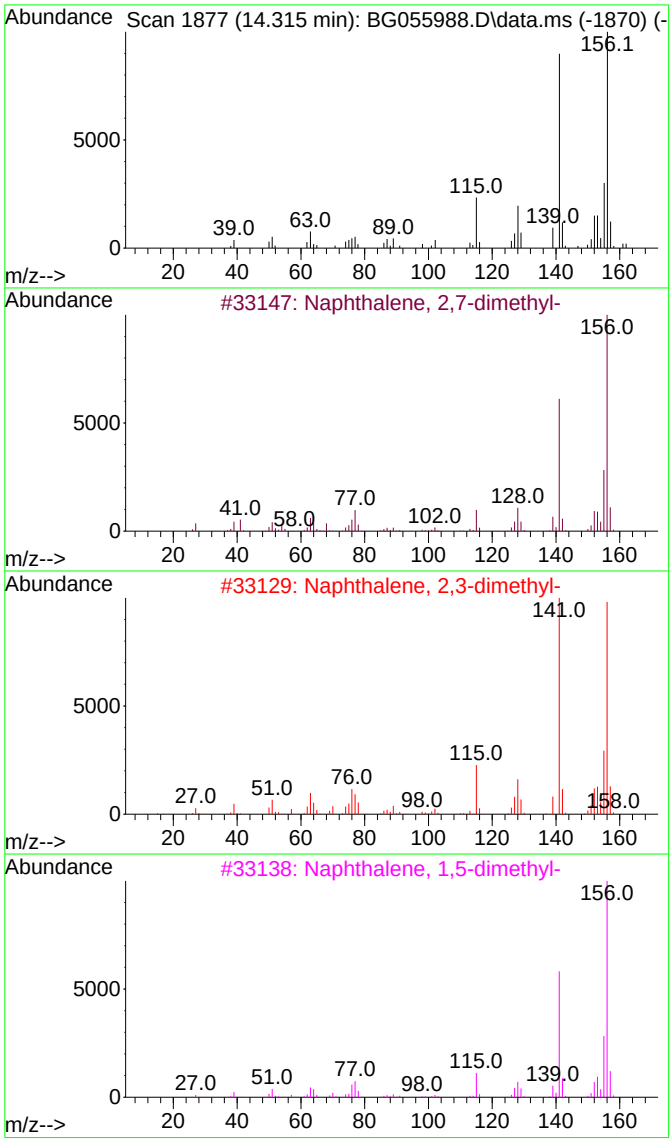
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

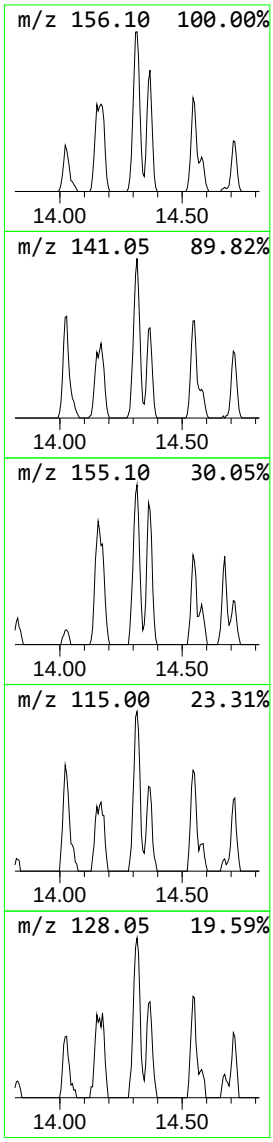
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.315	21.94 ng	143610	Acenaphthene-d10	14.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	95
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	95
3	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	94
4	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	94
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

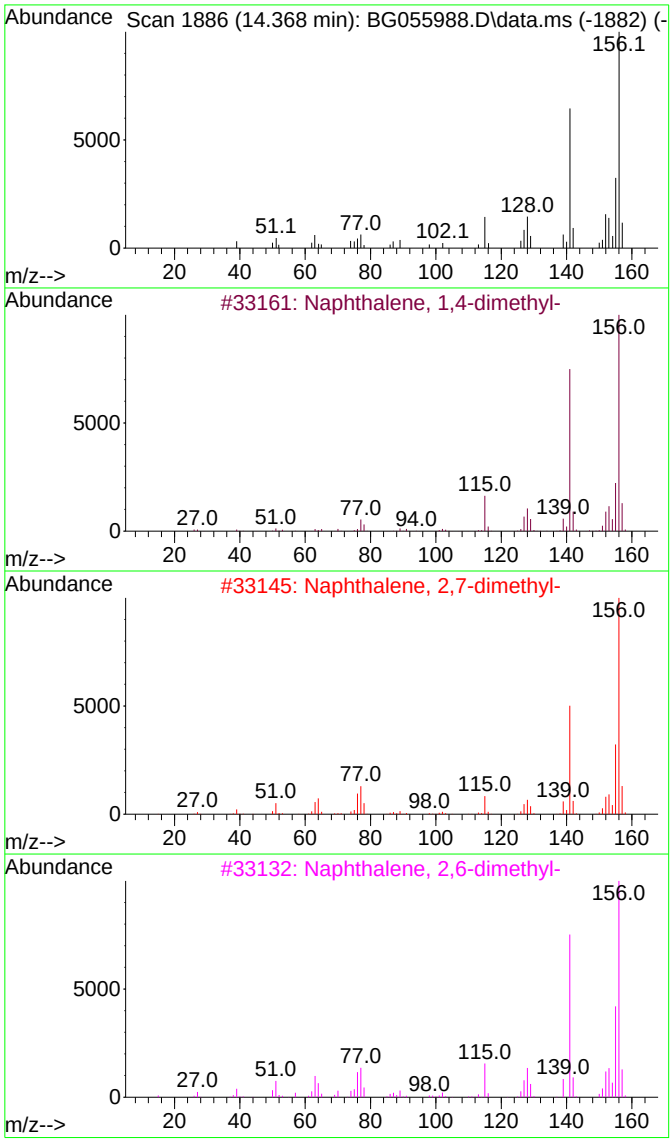
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

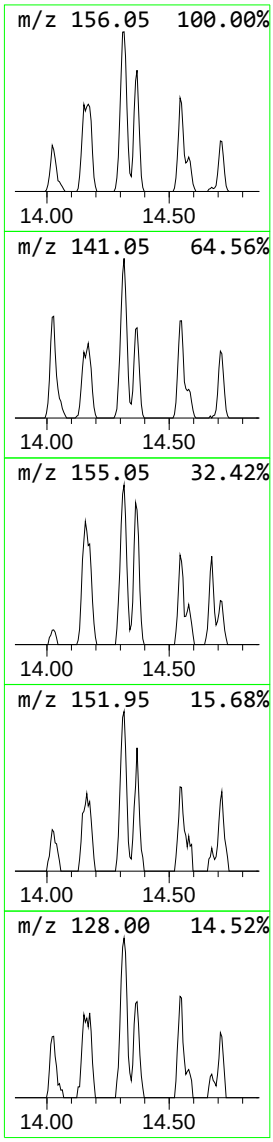
****

Peak Number 3 Naphthalene, 1,4-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.368	12.02 ng	78677	Acenaphthene-d10	14.991

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
3	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	95
4	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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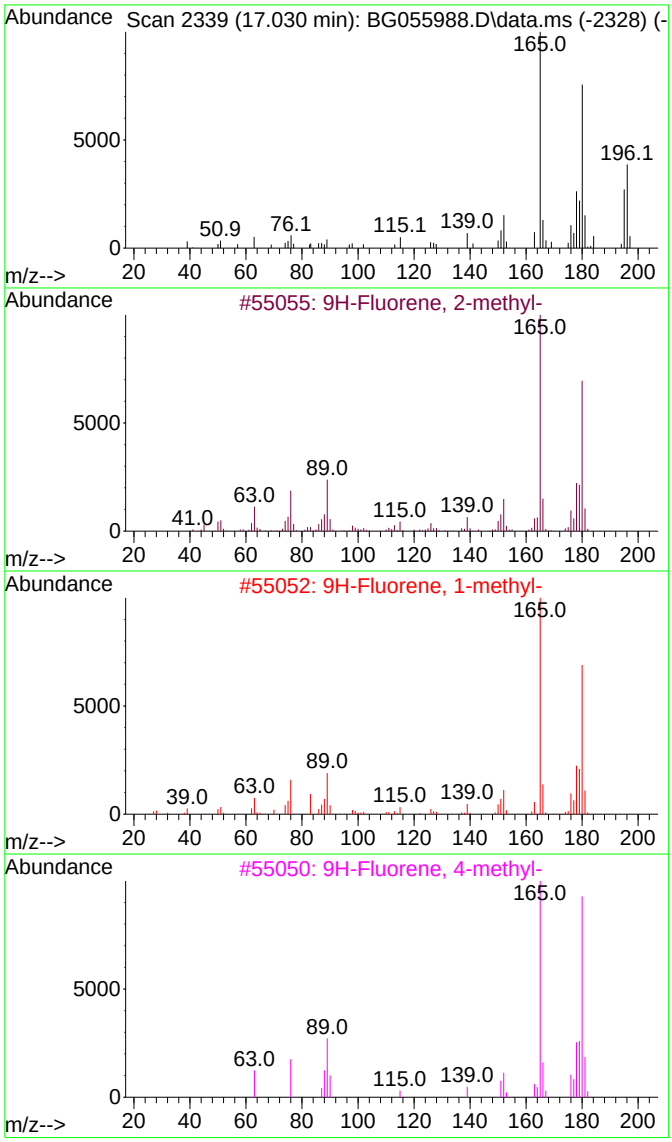
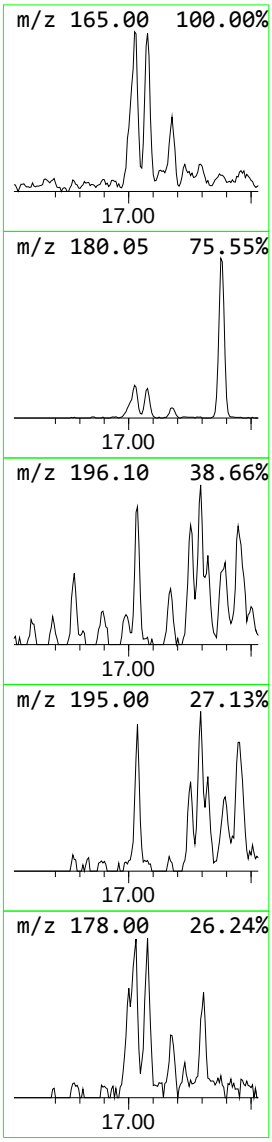
Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.030	13.52 ng	111946	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	83
3	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	64
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

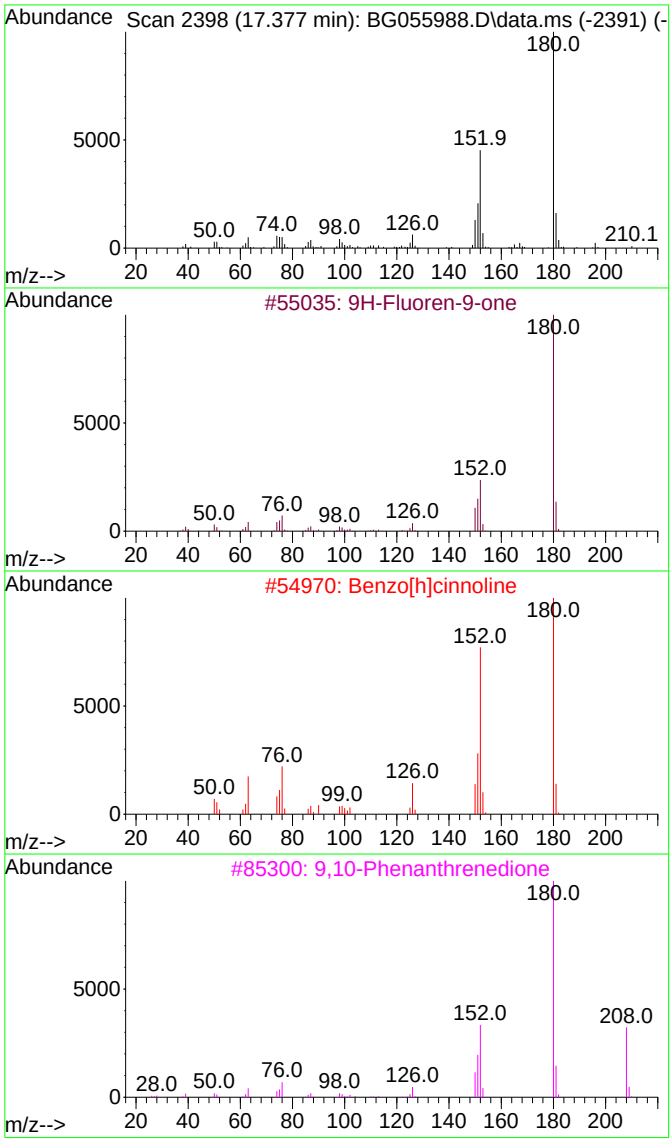
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

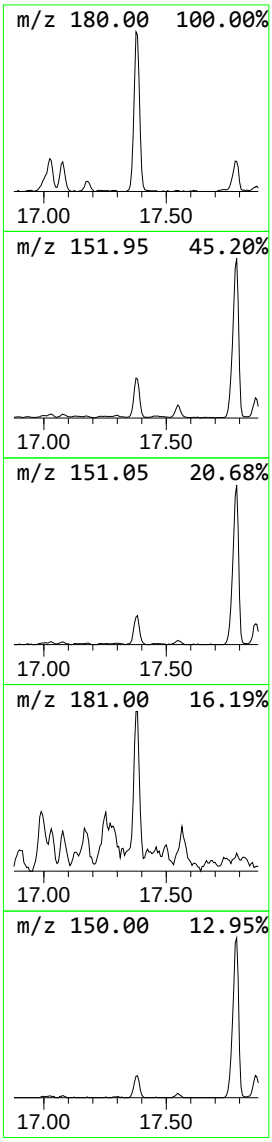
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.377	24.74 ng	204876	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	93
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	90
4	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	59
5	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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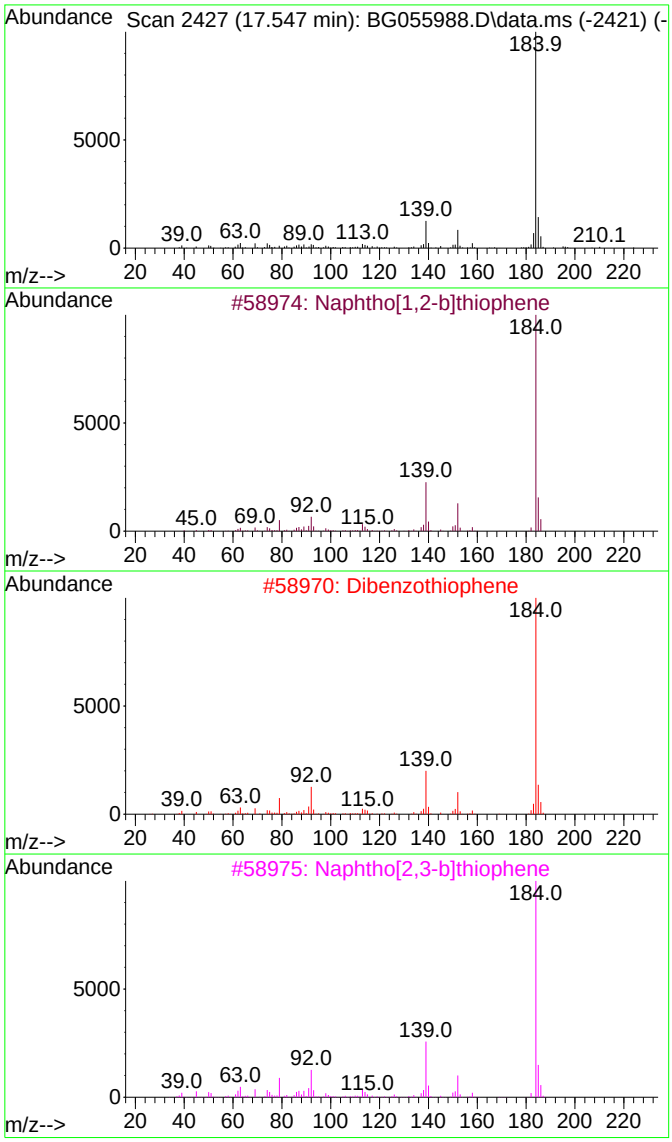
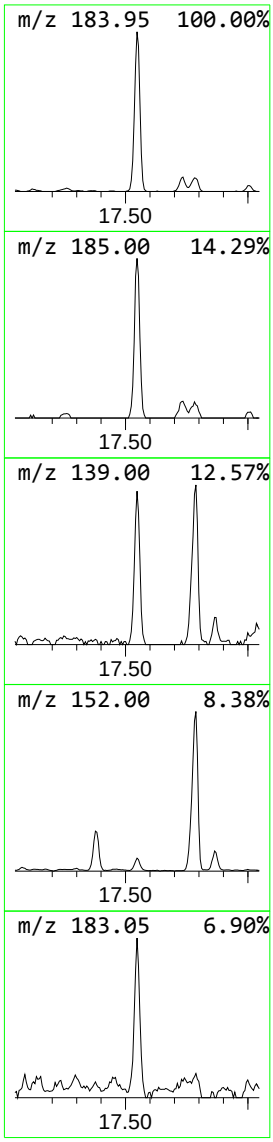
Peak Number 6 Naphtho[1,2-b]thiophene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.547	27.48 ng	227592	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
2	Dibenzothiophene	184	C12H8S	000132-65-0	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
RB-17-(1-3)

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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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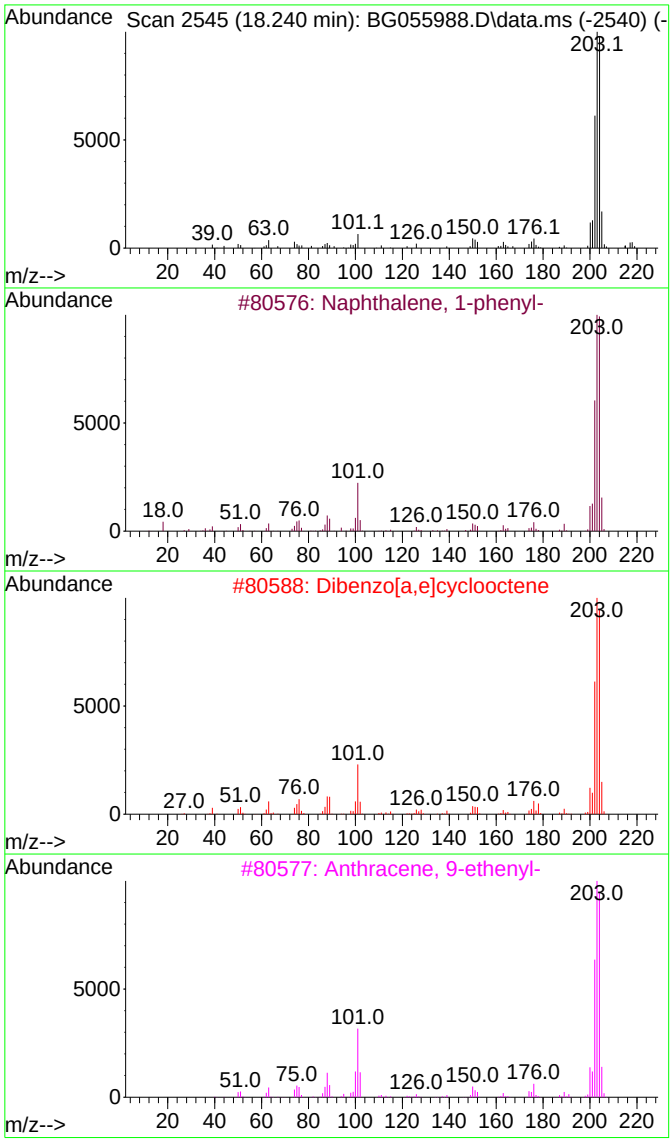
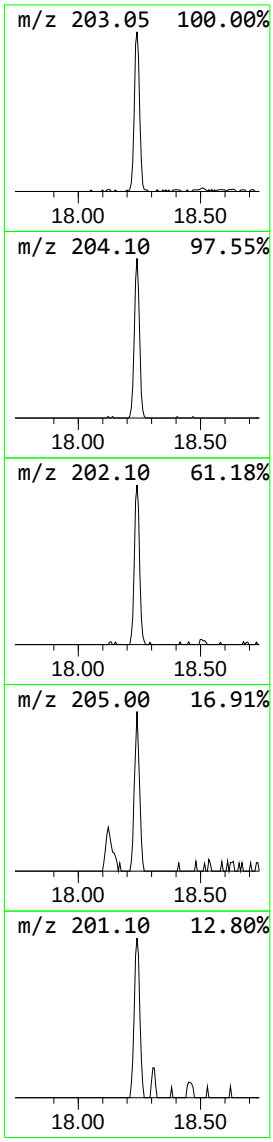
Peak Number 7 Naphthalene, 1-phenyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.240	12.84 ng	106285	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	76
2	Dibenzo[a,e]cyclooctene	204	C16H12	000262-89-5	76
3	Anthracene, 9-ethenyl-	204	C16H12	002444-68-0	76
4	9,10-ethenoanthracene, 9,10-dihy...	204	C16H12	1000400-47-8	76
5	Cyclobuta[1'',2'':3,4:3'',4'':3'...	204	C16H12	006574-36-3	68





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ClientSampleId :
RB-17-(1-3)

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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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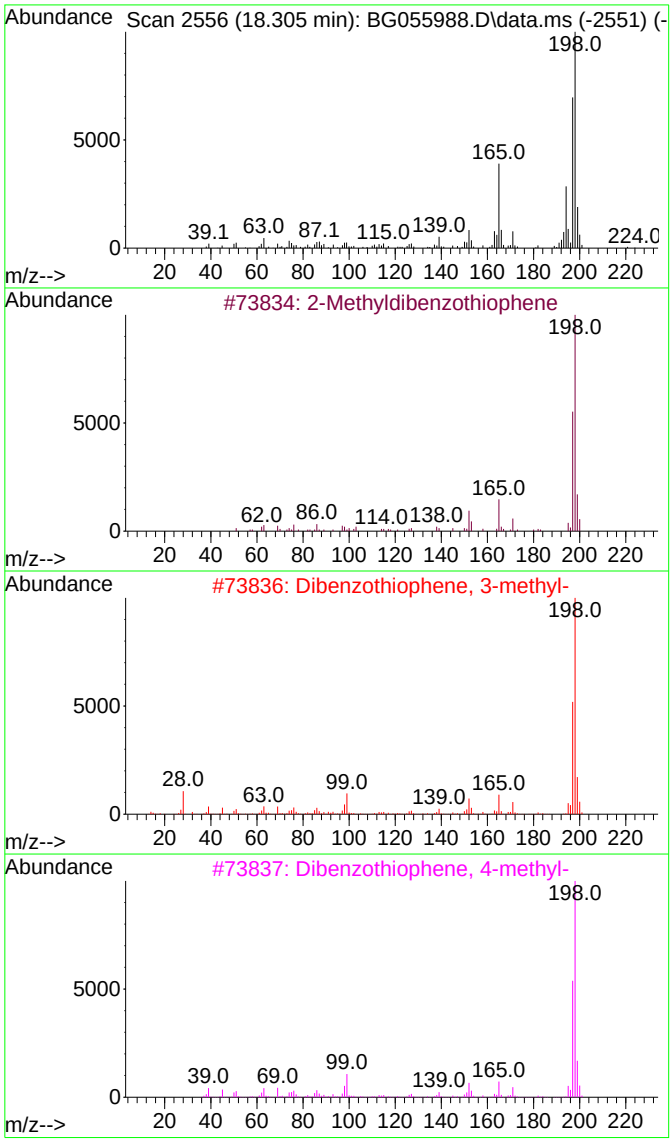
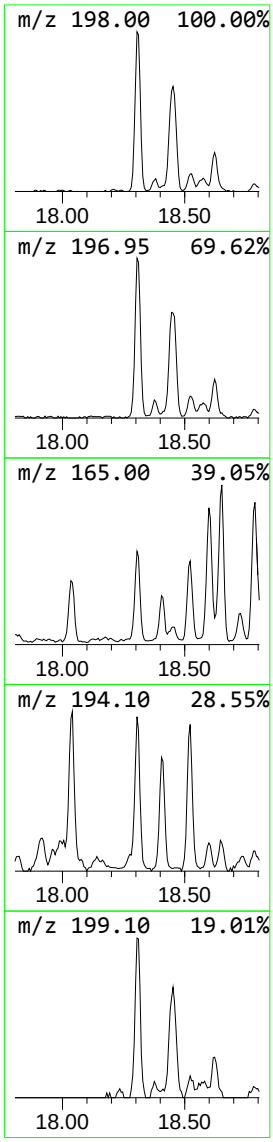
Peak Number 8 2-Methyldibenzothiophene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.305	25.80 ng	213630	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	80
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	64
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	58
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	53
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	53





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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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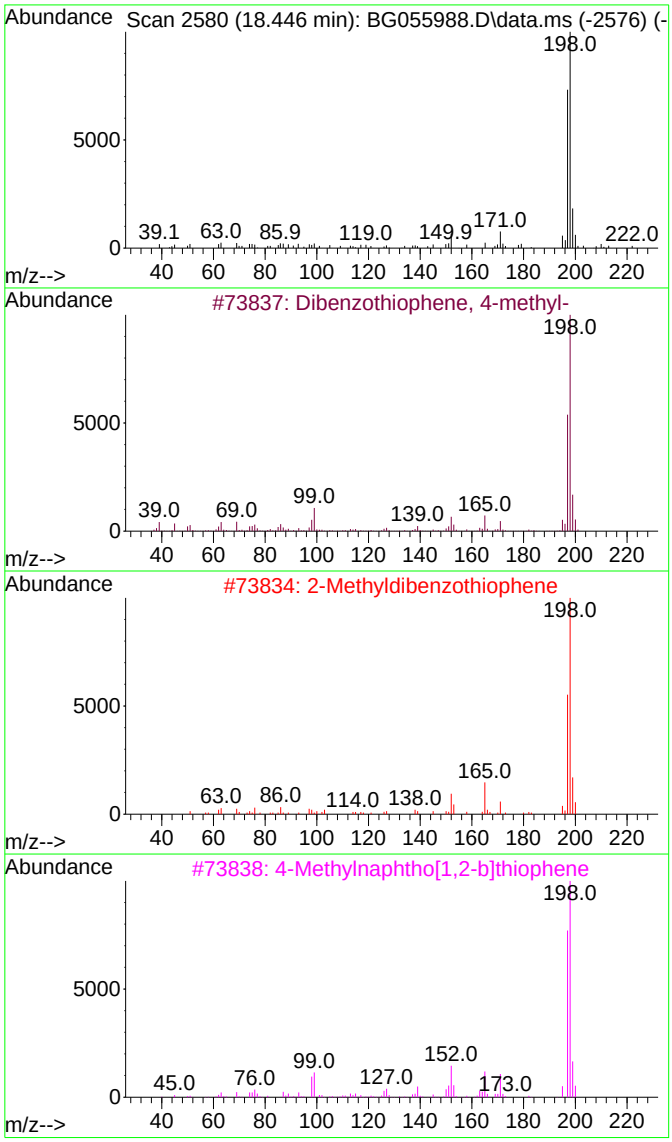
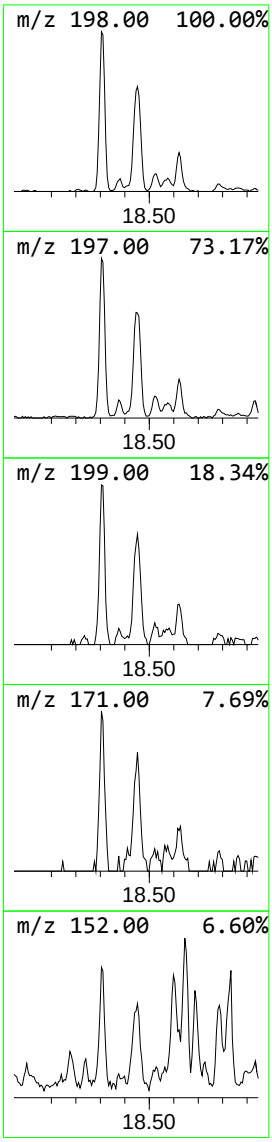
Peak Number 9 Dibenzothiophene, 4-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.446	14.87 ng	123146	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	91
2	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	91
3	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	90
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	86
5	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	83





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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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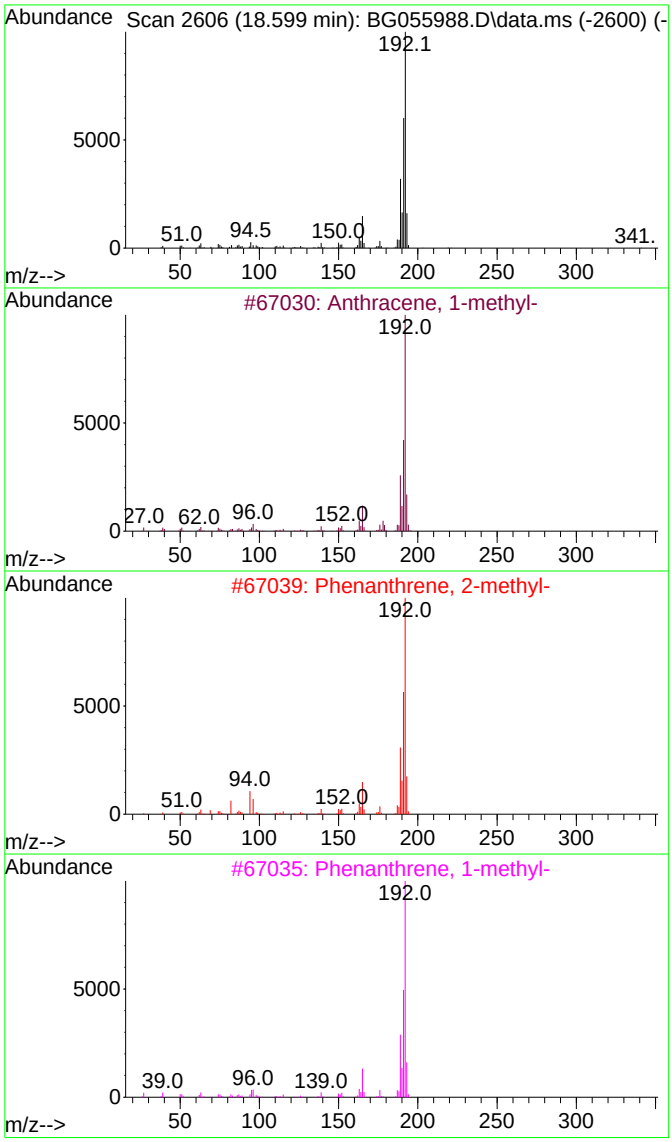
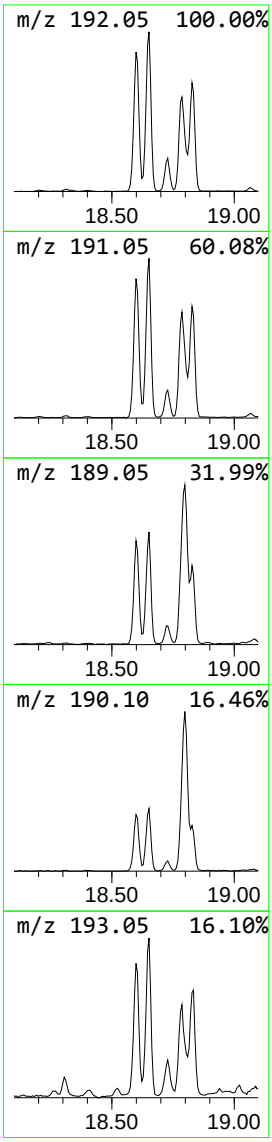
Peak Number 10 Anthracene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.599	69.53 ng	575805	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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ALS Vial : 16 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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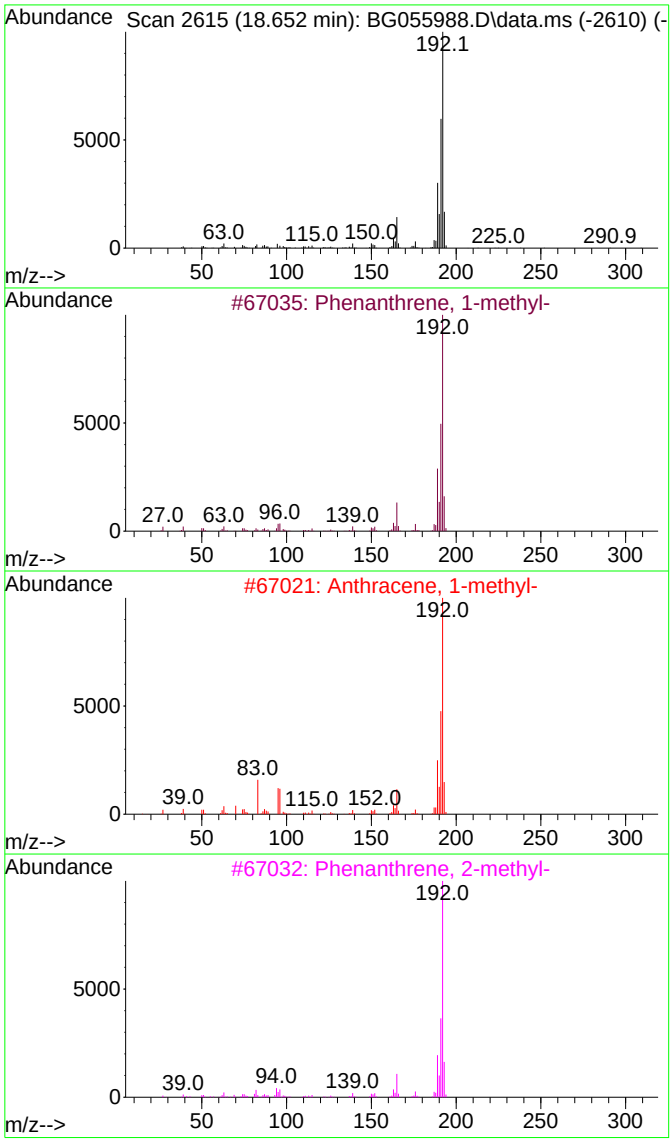
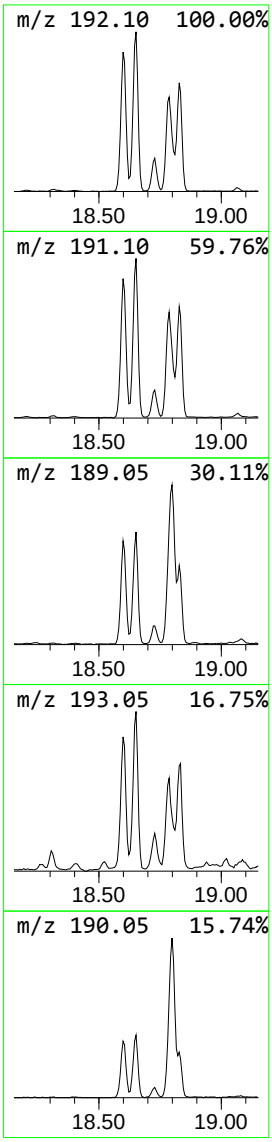
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.651	75.88 ng	628318	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	93





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Sample : N6037-02 5X
Misc :
ALS Vial : 16 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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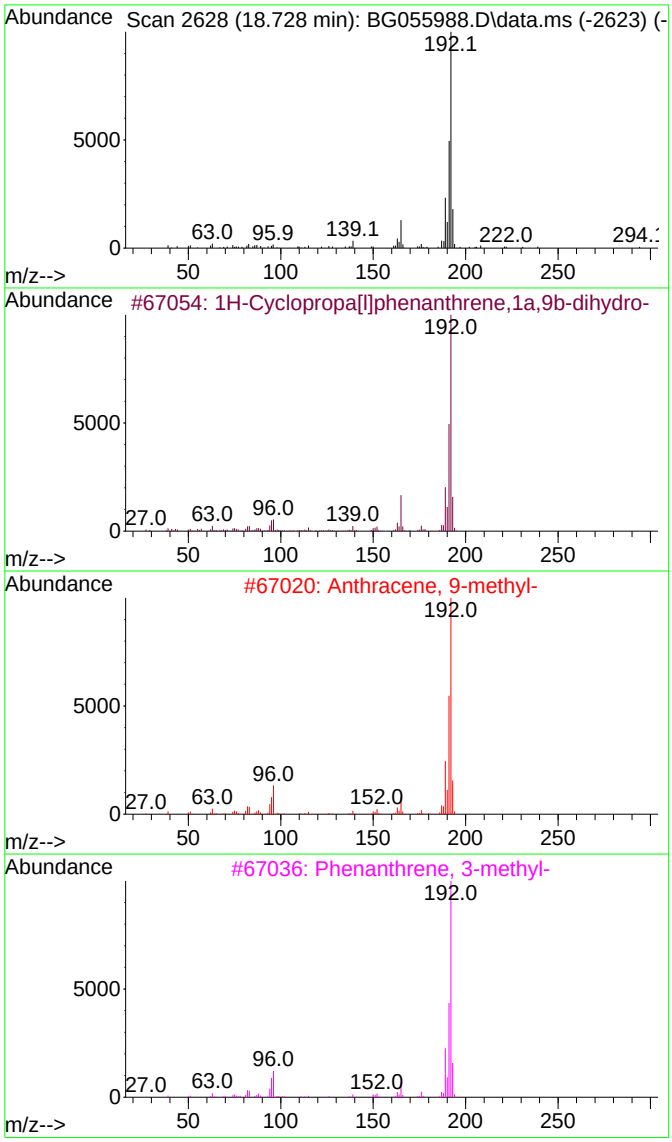
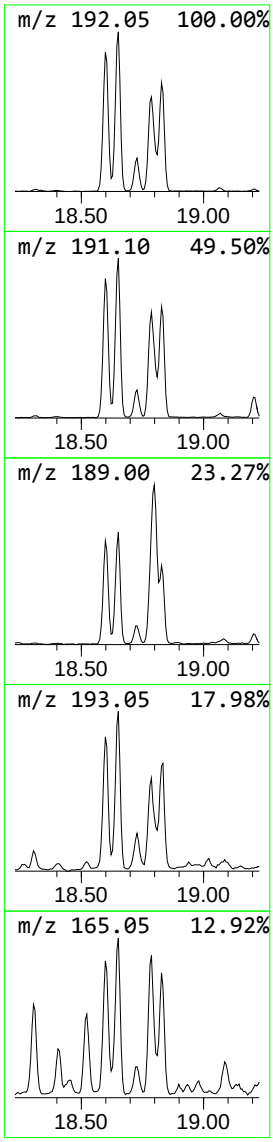
Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.728	12.92 ng	106967	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	91





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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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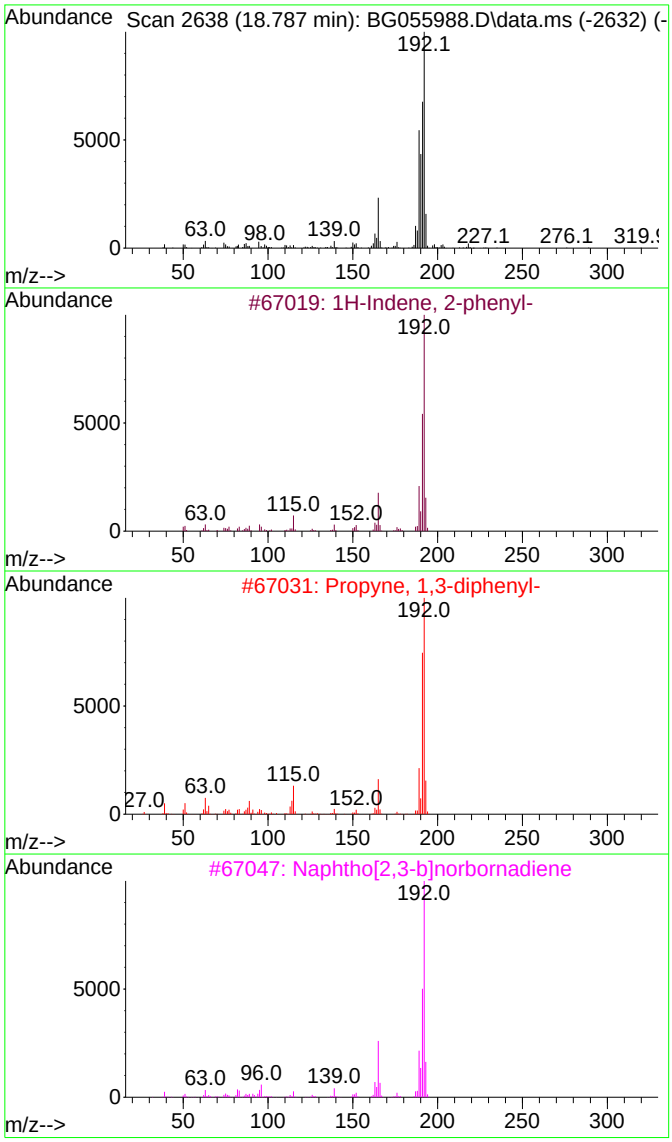
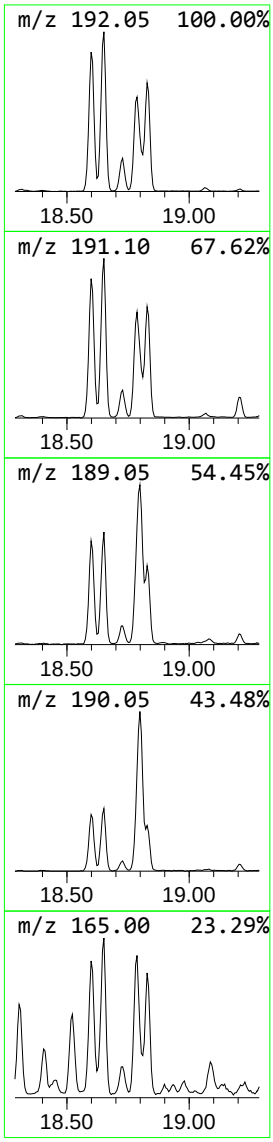
Peak Number 13 1H-Indene, 2-phenyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.787	90.01 ng	745316	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
2	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	64
3	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	64
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	62





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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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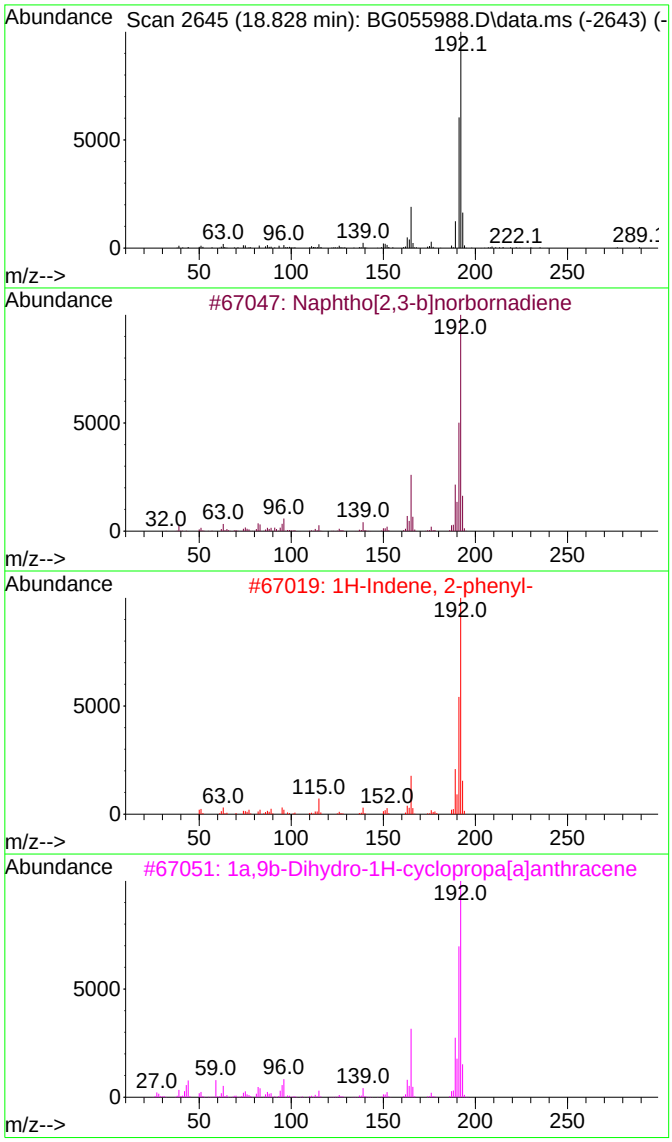
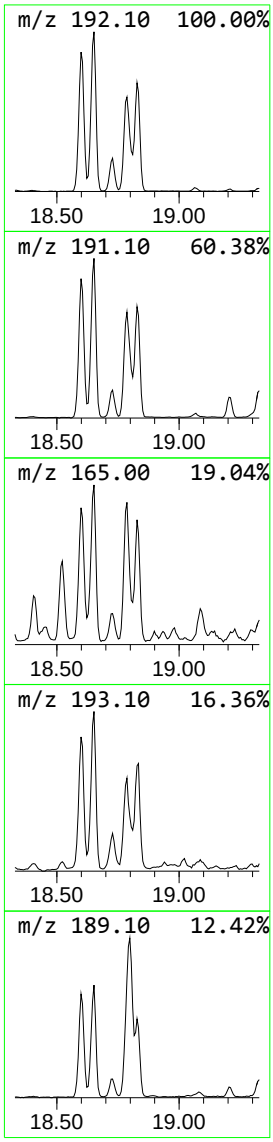
Peak Number 14 Naphtho[2,3-b]norbornadiene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.828	45.00 ng	372628	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
3	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	90
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	87
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87





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ALS Vial : 16 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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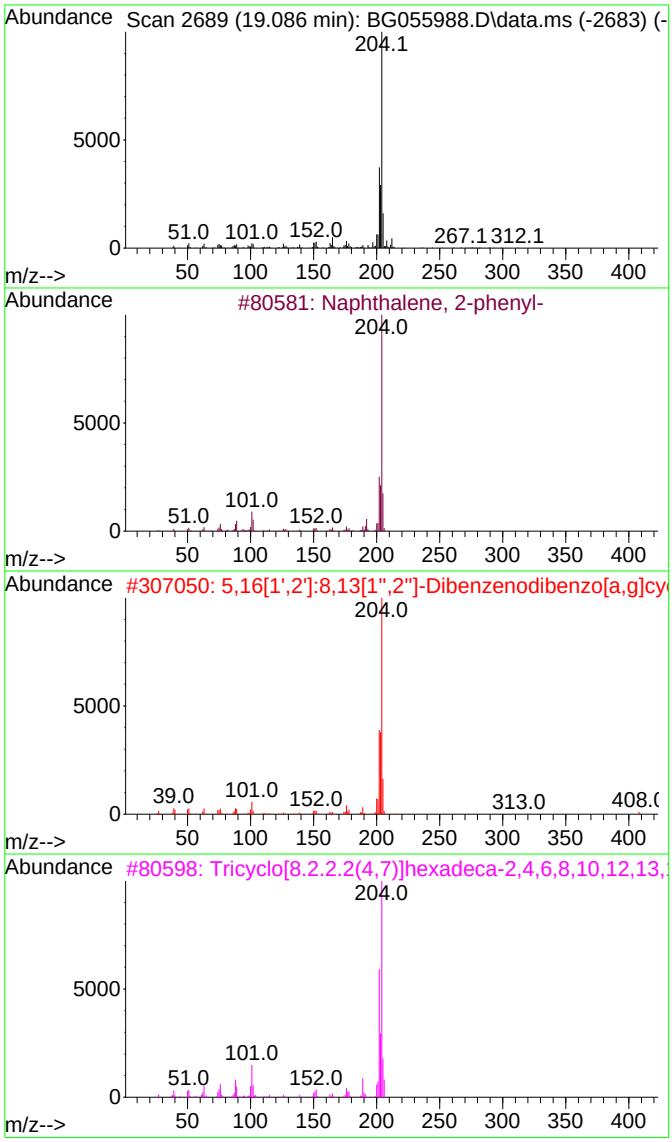
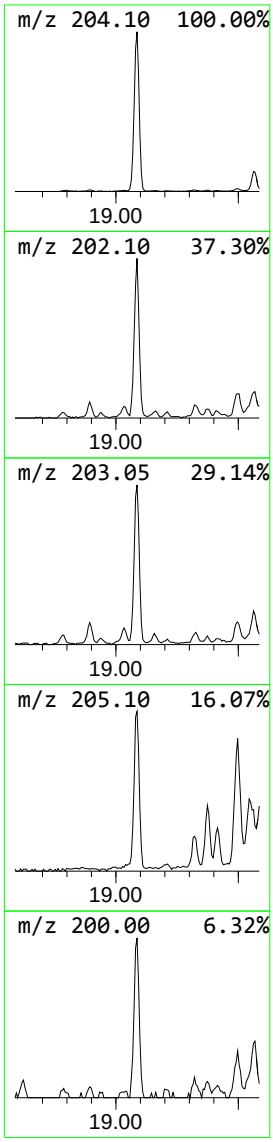
Peak Number 15 Naphthalene, 2-phenyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.086	46.36 ng	383857	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	81
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	72
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	53
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	52





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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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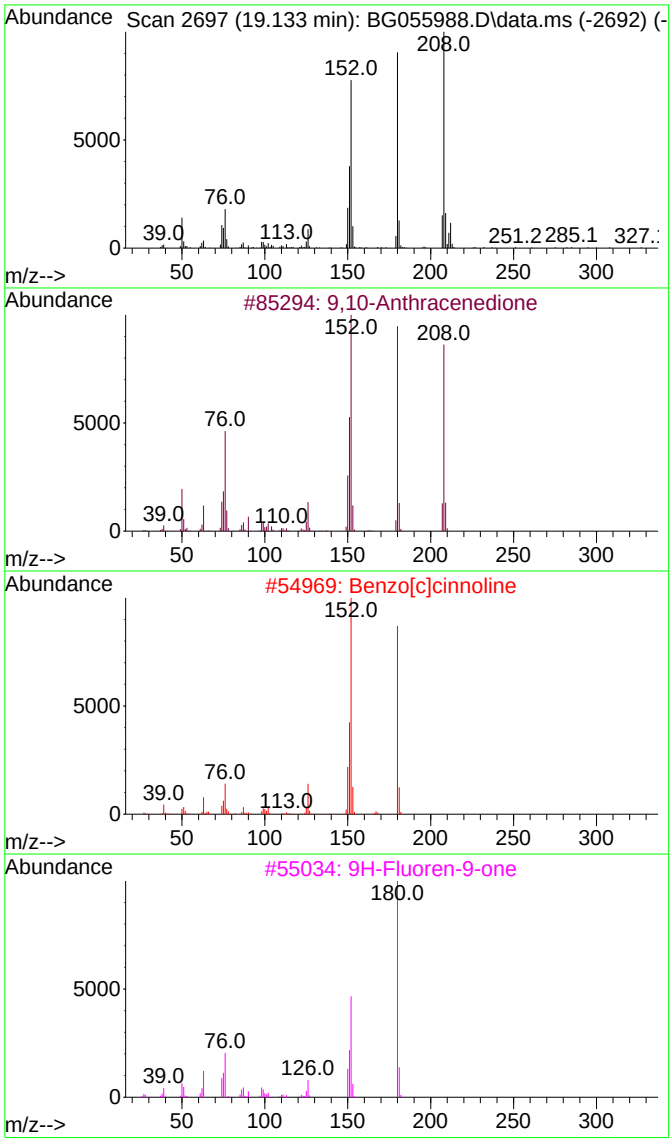
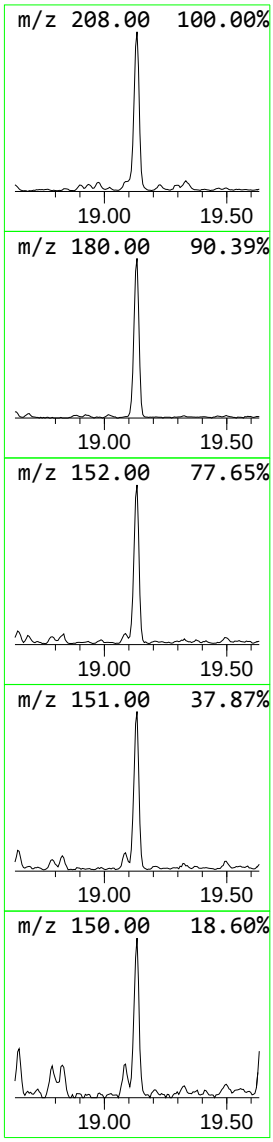
Peak Number 16 9,10-Anthracenedione Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	61.04 ng	505464	Phenanthrene-d10	17.735

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	92
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60





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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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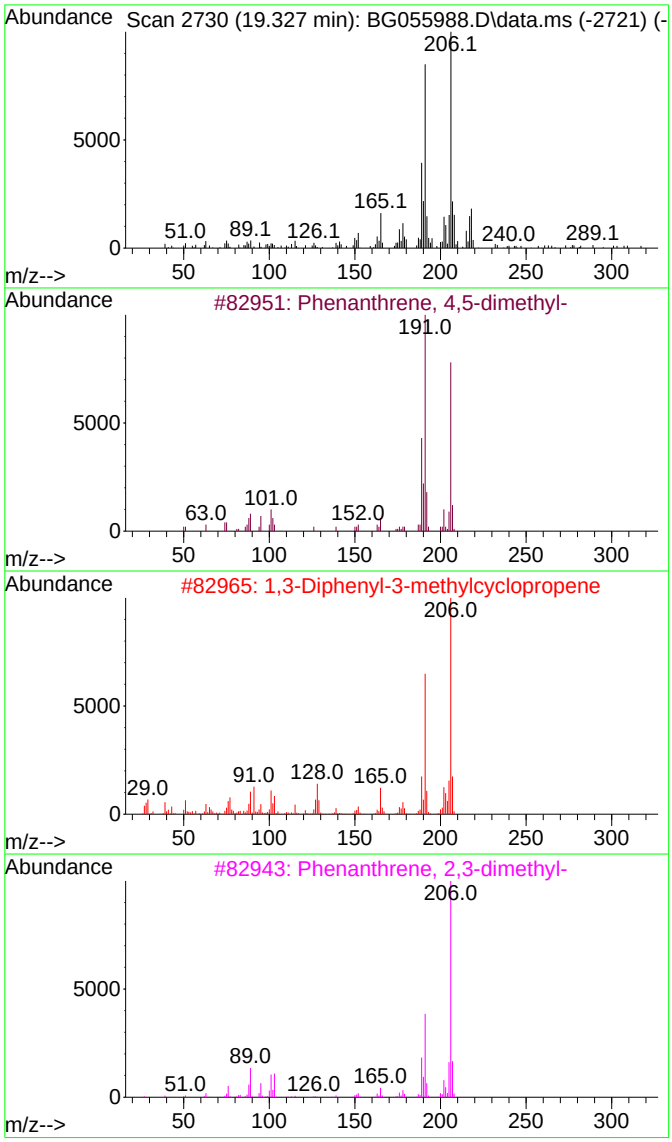
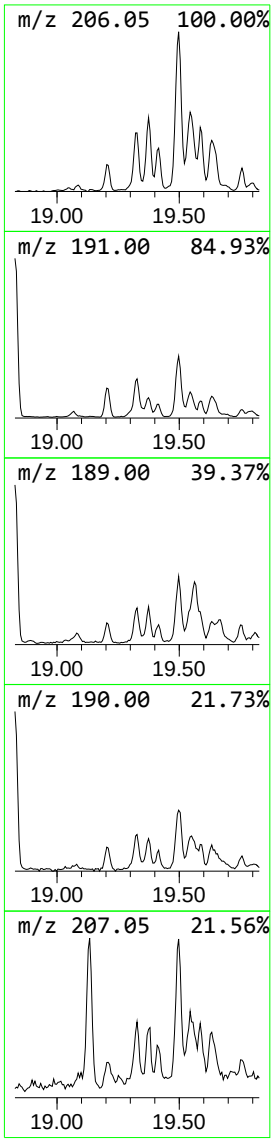
Peak Number 17 Phenanthrene, 4,5-dimethyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.327	22.01 ng	182255	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4,5-dimethyl-	206	C16H14	003674-69-9	93
2	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	89
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	80
5	Anthracene, 2-ethyl-	206	C16H14	052251-71-5	76





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Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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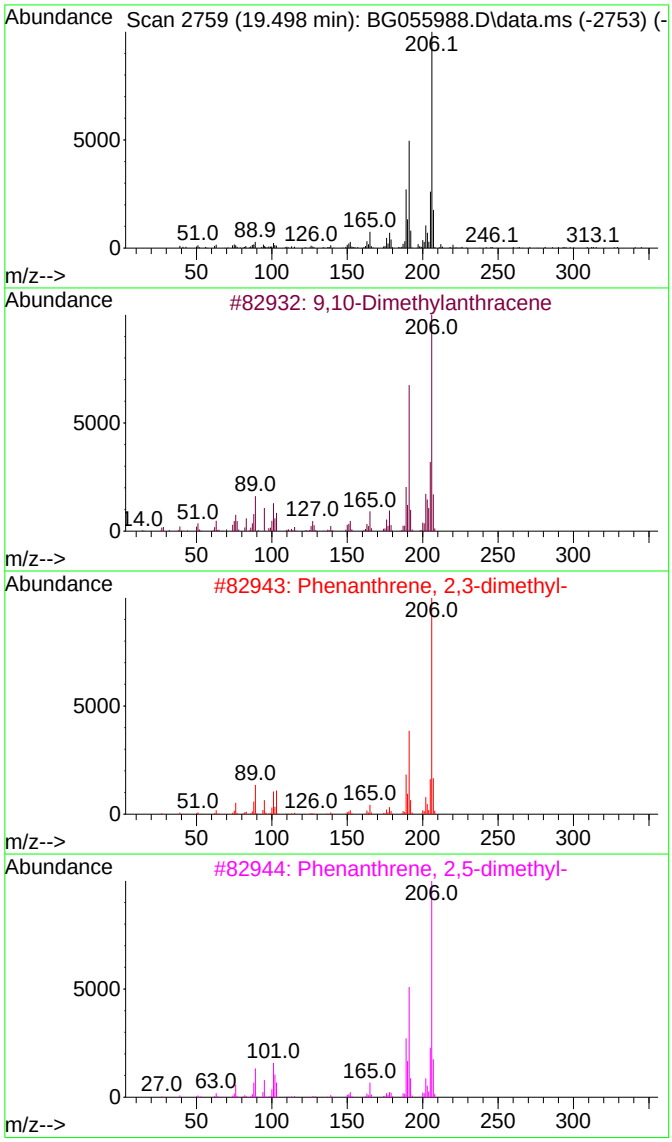
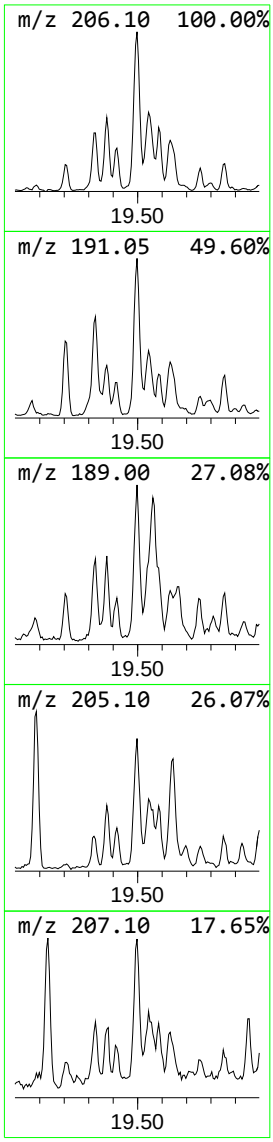
Peak Number 18 9,10-Dimethylanthracene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.498	33.18 ng	274743	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	83
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	83
4	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	80
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	74





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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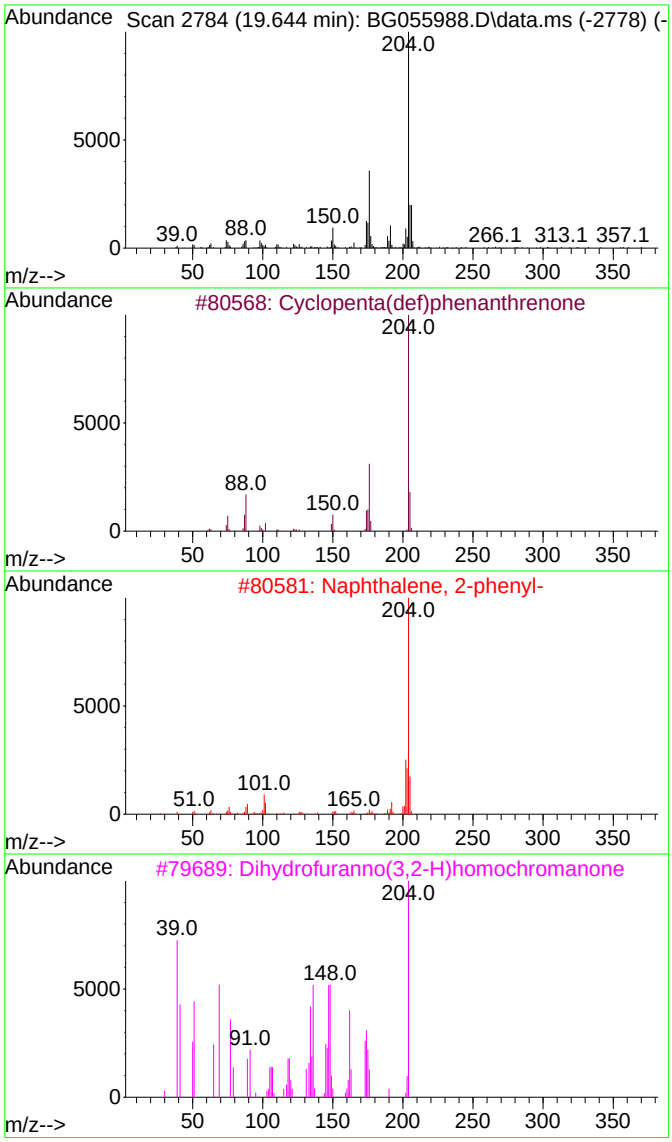
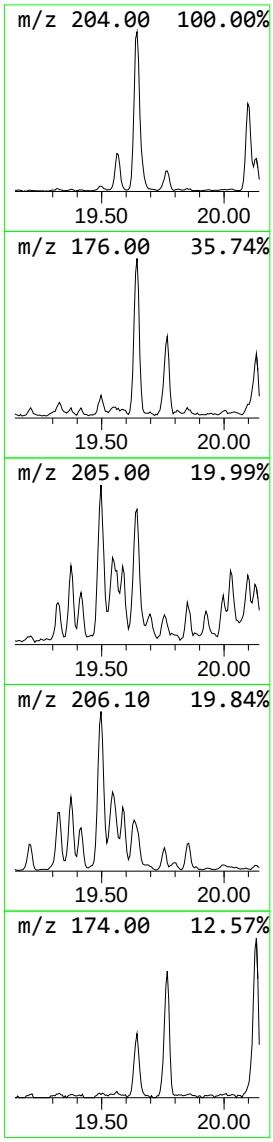
Peak Number 19 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.645	38.86 ng	321801	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	89
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
3	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	45
4	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	43
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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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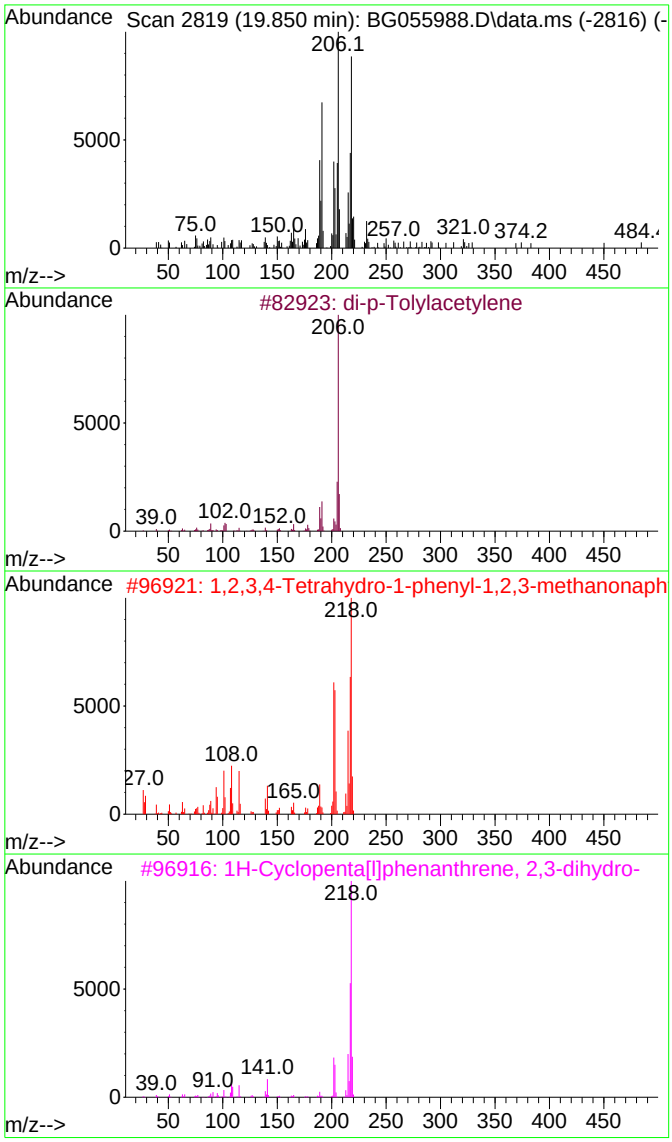
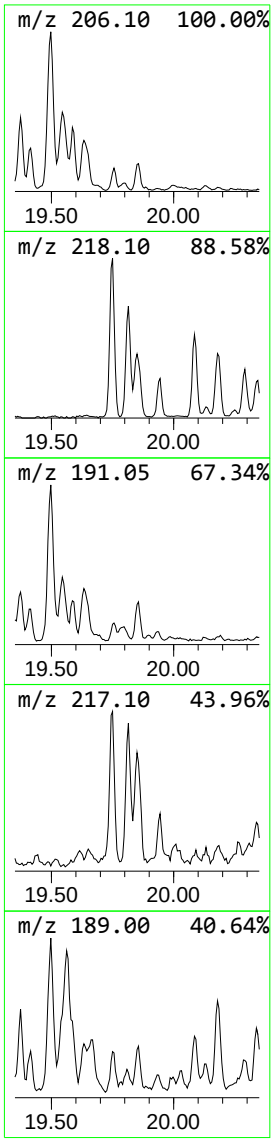
Peak Number 20 di-p-Tolylacetylene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.850	12.40 ng	102642	Phenanthrene-d10	17.735

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	50
2	1,2,3,4-Tetrahydro-1-phenyl-1,2,...	218	C17H14	138089-69-7	46
3	1H-Cyclopenta[l]phenanthrene, 2,...	218	C17H14	000723-98-8	46
4	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	41
5	4H-Benz[de]anthracene, 5,6-dihydro-	218	C17H14	004389-09-7	38





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG121522\
Data File : BG055988.D
Acq On : 15 Dec 2022 22:37
Operator : CG/JU
Sample : N6037-02 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
RB-17-(1-3)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG121322.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
Naphthalene, 2,...	14.169	16.4	ng	107694	3	14.991	130938	20.0
Naphthalene, 2,...	14.315	21.9	ng	143610	3	14.991	130938	20.0
Naphthalene, 1,...	14.368	12.0	ng	78677	3	14.991	130938	20.0
9H-Fluorene, 2-...	17.030	13.5	ng	111946	4	17.735	165616	20.0
9H-Fluoren-9-one	17.377	24.7	ng	204876	4	17.735	165616	20.0
Naphtho[1,2-b]t...	17.547	27.5	ng	227592	4	17.735	165616	20.0
Naphthalene, 1-...	18.240	12.8	ng	106285	4	17.735	165616	20.0
2-Methyldibenzo...	18.305	25.8	ng	213630	4	17.735	165616	20.0
Dibenzothiophen...	18.446	14.9	ng	123146	4	17.735	165616	20.0
Anthracene, 1-m...	18.599	69.5	ng	575805	4	17.735	165616	20.0
Phenanthrene, 1...	18.651	75.9	ng	628318	4	17.735	165616	20.0
1H-Cyclopropa[l...	18.728	12.9	ng	106967	4	17.735	165616	20.0
1H-Indene, 2-ph...	18.787	90.0	ng	745316	4	17.735	165616	20.0
Naphtho[2,3-b]n...	18.828	45.0	ng	372628	4	17.735	165616	20.0
Naphthalene, 2-...	19.086	46.4	ng	383857	4	17.735	165616	20.0
9,10-Anthracene...	19.133	61.0	ng	505464	4	17.735	165616	20.0
Phenanthrene, 4...	19.327	22.0	ng	182255	4	17.735	165616	20.0
9,10-Dimethylan...	19.498	33.2	ng	274743	4	17.735	165616	20.0
Cyclopenta(def)...	19.645	38.9	ng	321801	4	17.735	165616	20.0
di-p-Tolylacety...	19.850	12.4	ng	102642	4	17.735	165616	20.0