LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-84

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: BG055752.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.296	335	342	351	rVB	120045	190628	10.64%	0.655%
2	5.778	416	424	438	rBV	652738	1067755	59.58%	3.667%
3	7.388	690	698	714	rBV	636259	1132036	63.16%	3.888%
4	8.246	836	844	850	rBV	162501	273928	15.28%	0.941%
5	9.415	1035	1043	1055	rBV	396208	713139	39.79%	2.449%
6	11.072	1318	1325	1330	rBV	219240	403398	22.51%	1.385%
7	11.125	1330	1334	1342	rVB	50145	85318	4.76%	0.293%
8	12.711	1598	1604	1612	rBV	48455	75866	4.23%	0.261%
9	12.929	1632	1641	1648	rBV	55960	94872	5.29%	0.326%
10	13.493	1730	1737	1744	rVB	970550	1496924	83.52%	5.141%
11	13.704	1769	1773	1778	rVB	13906	20881	1.17%	0.072%
12	14.045	1823	1831	1839	rBV3	27687	69621	3.88%	0.239%
13	14.192	1848	1856	1861	rBV	62302	115151	6.42%	0.395%
14	14.239	1861	1864	1869	rVB	32470	48410	2.70%	0.166%
15	14.421	1890	1895	1900	rBV	32025	54328	3.03%	0.187%
16	14.591	1919	1924	1933	rBV2	31392	57009	3.18%	0.196%
17	14.826	1959	1964	1966	rBV2	19483	28933	1.61%	0.099%
18	14.867	1966	1971	1977	rVV	345579	544944	30.40%	1.872%
19	14.932	1977	1982	1988	rVV3	33560	57233	3.19%	0.197%
20	15.073	1998	2006	2014	rBV4	11523	28498	1.59%	0.098%
21	15.261	2031	2038	2044	rVB2	84953	142130	7.93%	0.488%
22	15.332	2045	2050	2055	rVB	33924	47801	2.67%	0.164%
23	15.473	2067	2074	2079	rBV2	32595	60044	3.35%	0.206%
24	15.526	2079	2083	2090	rVB	26292	36818	2.05%	0.126%
25	15.643	2095	2103	2106	rVV2	24332	53494	2.98%	0.184%
26	15.678	2106	2109	2113	rVB2	21725	30883	1.72%	0.106%
27	15.813	2128	2132	2137	rVB4	14101	20049	1.12%	0.069%
28	15.907	2141	2148	2158	rVB	140423	238315	13.30%	0.818%
29	16.031	2158	2169	2172	rBV5	13800	38353	2.14%	0.132%
30	16.201	2191	2198	2207	rVB2	72837	144250	8.05%	0.495%
31	16.348	2216	2223	2231	rBV	829006	1304799	72.80%	4.481%
32	16.577	2257	2262	2271	rVB4	31541	69609	3.88%	0.239%
33	16.712	2279	2285	2289	rBV3	12661	22096	1.23%	0.076%
34	16.771	2289	2295	2300	rVB9	9007	22608	1.26%	0.078%
35	16.906	2306	2318	2323	rBV3	51343	118552	6.61%	0.407%
36	16.959	2323	2327	2333	rVB3	29885	49209	2.75%	0.169%

LSC Area Percent Report

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Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : MH-84

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	17.053	2338	2343	2349	rVB2	19377	33190	1.85%	0.114%
38	17.135	2349	2357	2361	rBV4	32264	68395	3.82%	0.235%
39	17.177	2361	2364	2367	rBV2	17723	20090	1.12%	0.069%
40	17.259	2372	2378	2385	rVB	82124	133922	7.47%	0.460%
41	17.329	2385	2390	2396	rBV	39689	67185	3.75%	0.231%
42	17.429	2402	2407	2413	rVB	91921	139136	7.76%	0.478%
43	17.611	2431	2438	2441	rBV	402136	644476	35.96%	2.213%
44	17.652	2441	2445	2451	rVB	1099129	1670969	93.23%	5.739%
45	17.741	2456	2460	2464	rBV	89890	124769	6.96%	0.429%
46	17.882	2480	2484	2487	rBV2	13587	22782	1.27%	0.078%
47	18.005	2495	2505	2513	rBV2	85610	202926	11.32%	0.697%
48	18.123	2521	2525	2529	rVV	34250	44137	2.46%	0.152%
49	18.187	2532	2536	2542	rVB	78787	121887	6.80%	0.419%
50	18.334	2556	2561	2568	rVB	48586	101044	5.64%	0.347%
51	18.405	2569	2573	2576	rBV2	27090	41678	2.33%	0.143%
52	18.475	2579	2585	2590	rVV2	344552	713895	39.83%	2.452%
53	18.528	2590	2594	2599	rVV	292153	432265	24.12%	1.485%
54	18.610	2603	2608	2612	rVV	39431	62154	3.47%	0.213%
55	18.675	2612	2619	2623	rVV2	242544	517020	28.85%	1.776%
56	18.710	2623	2625	2630	rVB	163906	191612	10.69%	0.658%
57	18.775	2630	2636	2640	rBV6	23514	47282	2.64%	0.162%
58	18.822	2640	2644	2648	rBV3	25833	38941	2.17%	0.134%
59	18.969	2664	2669	2673	rBV	155681	221316	12.35%	0.760%
60	19.016	2673	2677	2687	rVB2	110339	196498	10.96%	0.675%
61	19.209	2703	2710	2714	rBV2	57517	113282	6.32%	0.389%
62	19.262	2716	2719	2722	rVV	69528	87394	4.88%	0.300%
63	19.303	2723	2726	2730	rVB2	44022	57460	3.21%	0.197%
64	19.386	2735	2740	2744	rBV	156580	257091	14.34%	0.883%
65	19.444	2744	2750	2753	rBV3	51789	106060	5.92%	0.364%
66	19.527	2759	2764	2772	rBV3	104573	227847	12.71%	0.783%
67	19.650	2779	2785	2790	rVB	1274007	1788003	99.76%	6.141%
68	19.703	2791	2794	2795	rVV	41925	43483	2.43%	0.149%
69	19.727	2795	2798	2805	rVB4	94937	183921	10.26%	0.632%
70	19.891	2823	2826	2834	rVB	63403	114158	6.37%	0.392%
71	19.973	2836	2840	2842	rVV	154549	225352	12.57%	0.774%
72	20.014	2842	2847	2853	rVV	1248461	1792287	100.00%	6.155%
73	20.073	2853	2857	2863	rVB	101061	152295	8.50%	0.523%
74	20.197	2872	2878	2882	rBV	1385199	1773675	98.96%	6.091%
75	20.338	2895	2902	2907	rBV3	118430	288167	16.08%	0.990%
76	20.496	2926	2929	2934	rVB	223744	307202	17.14%	1.055%

LSC Area Percent Report

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Operator : CG/JU
Sample : N5749-22
Misc :
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Instrument :
BNA_G
ClientSampleId :
MH-84

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

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

77	20.596	2942	2946	2949	rBV	112639	146610	8.18%	0.504%
78	20.655	2953	2956	2960	rVB	169065	215809	12.04%	0.741%
79	20.796	2976	2980	2984	rBV	125507	177040	9.88%	0.608%
80	20.843	2985	2988	2998	rVB	133941	207892	11.60%	0.714%
81	21.272	3057	3061	3068	rVB	144149	235577	13.14%	0.809%
82	21.513	3098	3102	3107	rVB	149289	219496	12.25%	0.754%
83	21.618	3116	3120	3130	rVB2	143592	272872	15.22%	0.937%
84	21.895	3160	3167	3174	rBV3	624400	1735554	96.83%	5.960%
85	21.959	3174	3178	3189	rVB	506025	902255	50.34%	3.099%
86	24.233	3558	3565	3573	rBV2	256732	925593	51.64%	3.179%
87	25.003	3691	3696	3710	rVB	182844	527635	29.44%	1.812%
88	25.161	3716	3723	3736	rVB	266269	782090	43.64%	2.686%
89	25.320	3744	3750	3758	rVB2	172678	436053	24.33%	1.498%

Sum of corrected areas: 29117604

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
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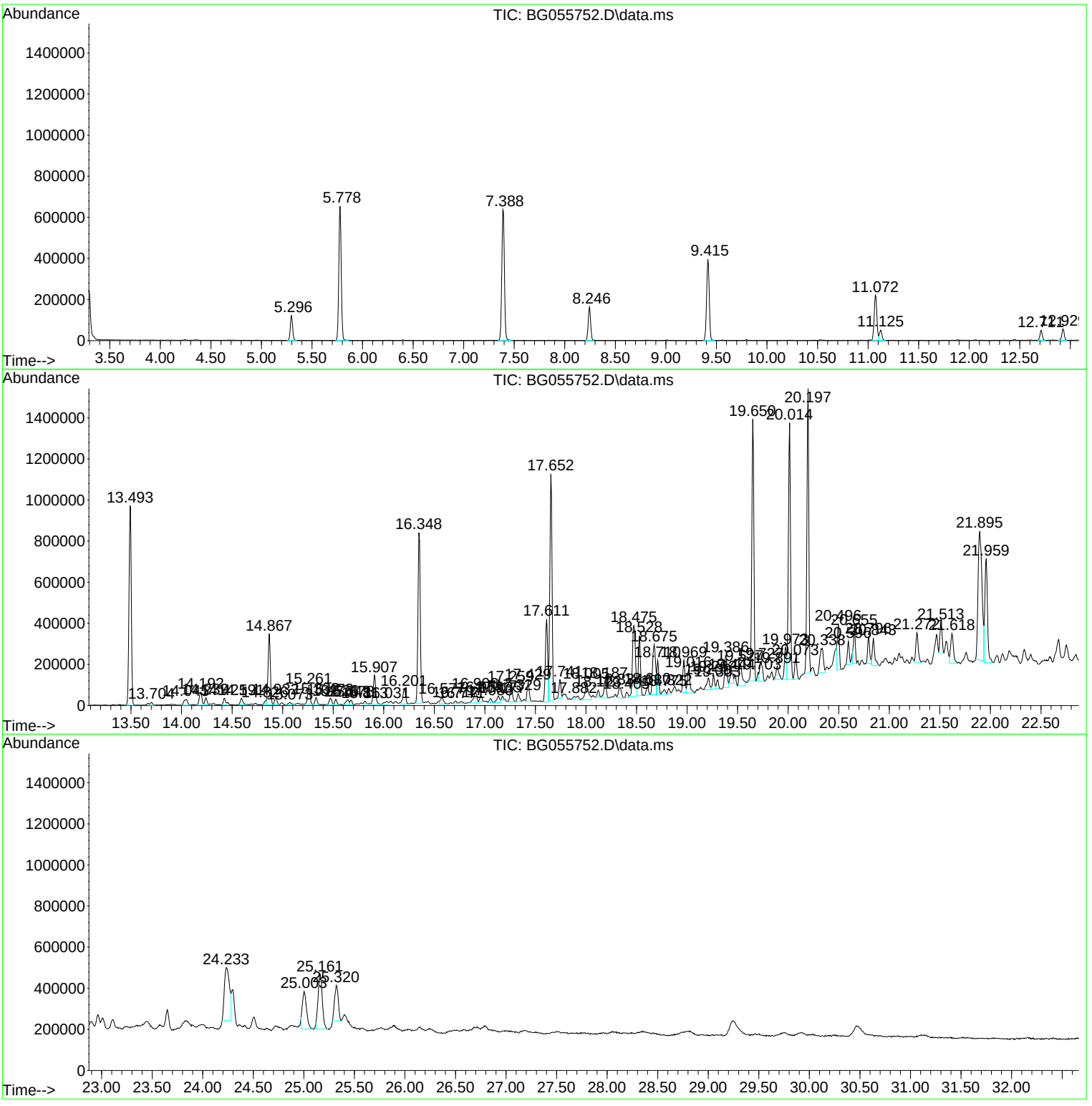
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

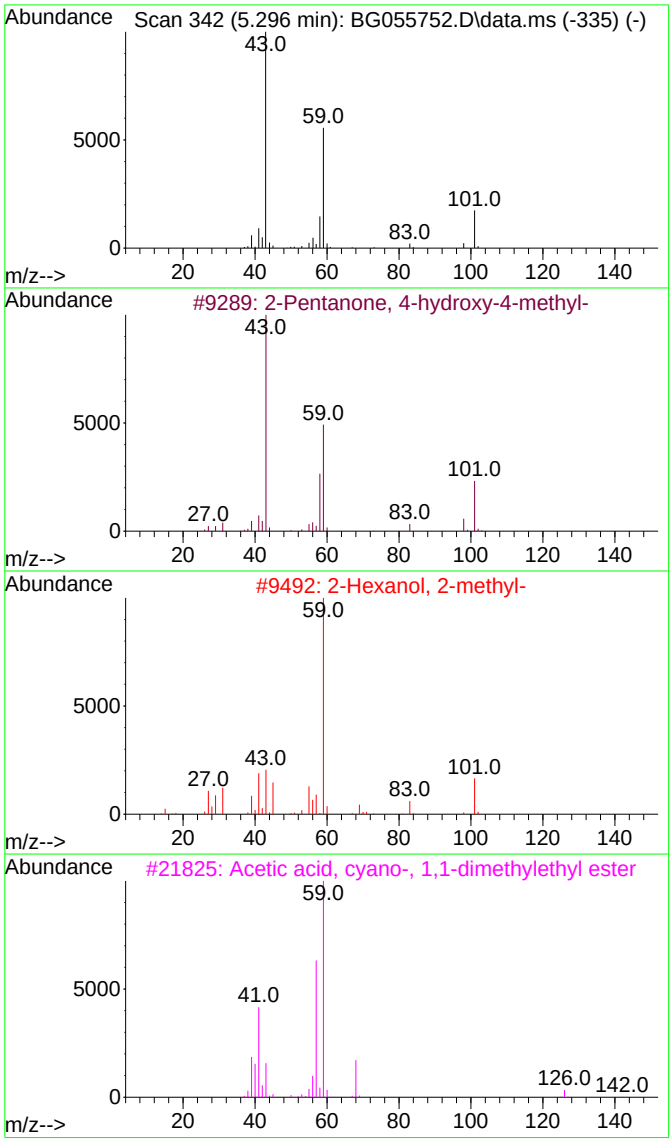
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG111622.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

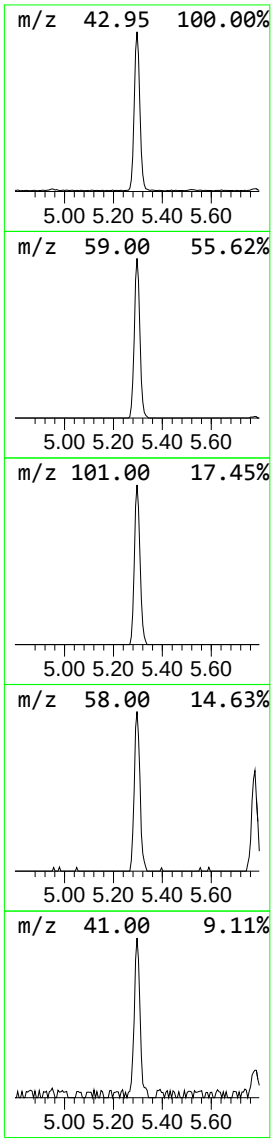
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.296	13.92 ng	190628	1,4-Dichlorobenzene-d4	8.246

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	28
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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

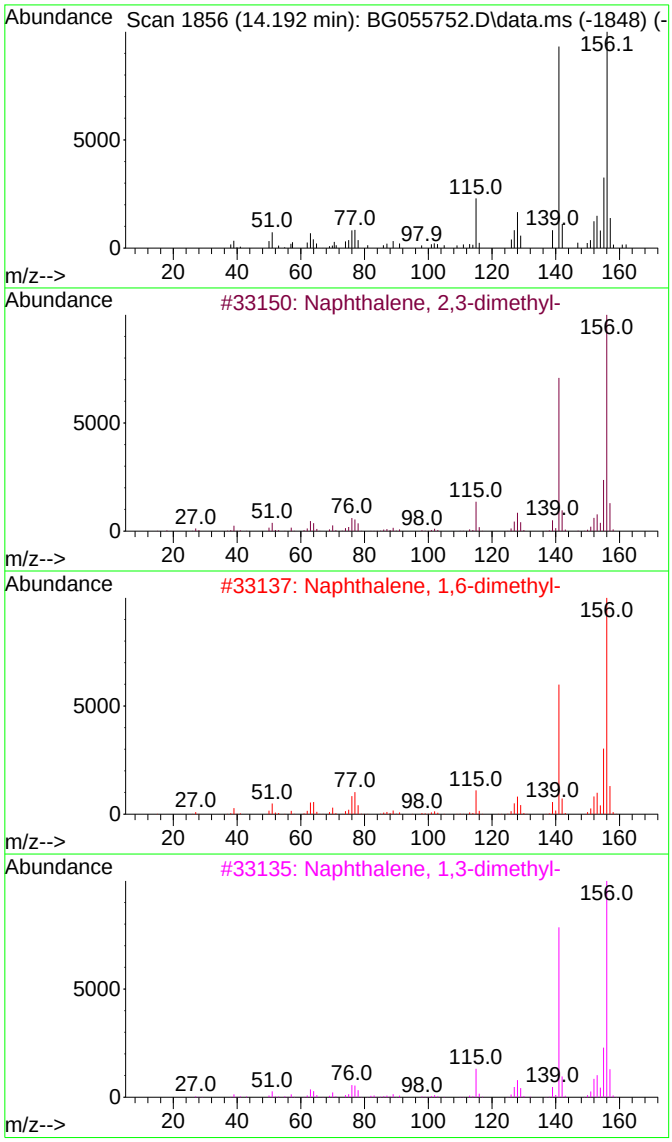
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

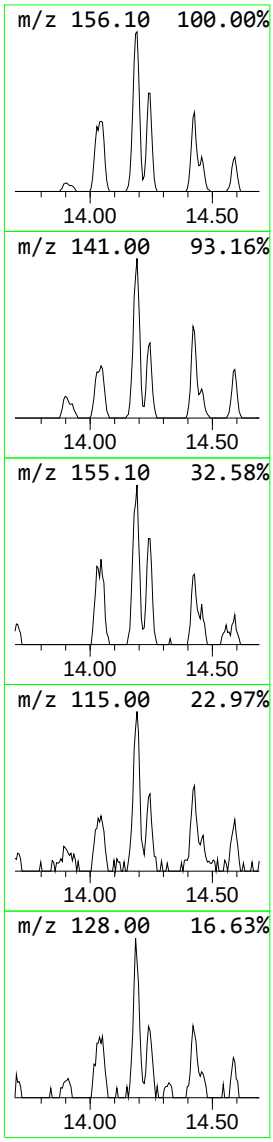
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.192	4.23 ng	115151	Acenaphthene-d10	14.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	96
3	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
4	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	95





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Data File : BG055752.D
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Sample : N5749-22
Misc :
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Instrument :
BNA_G
ClientSampleId :
MH-84

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

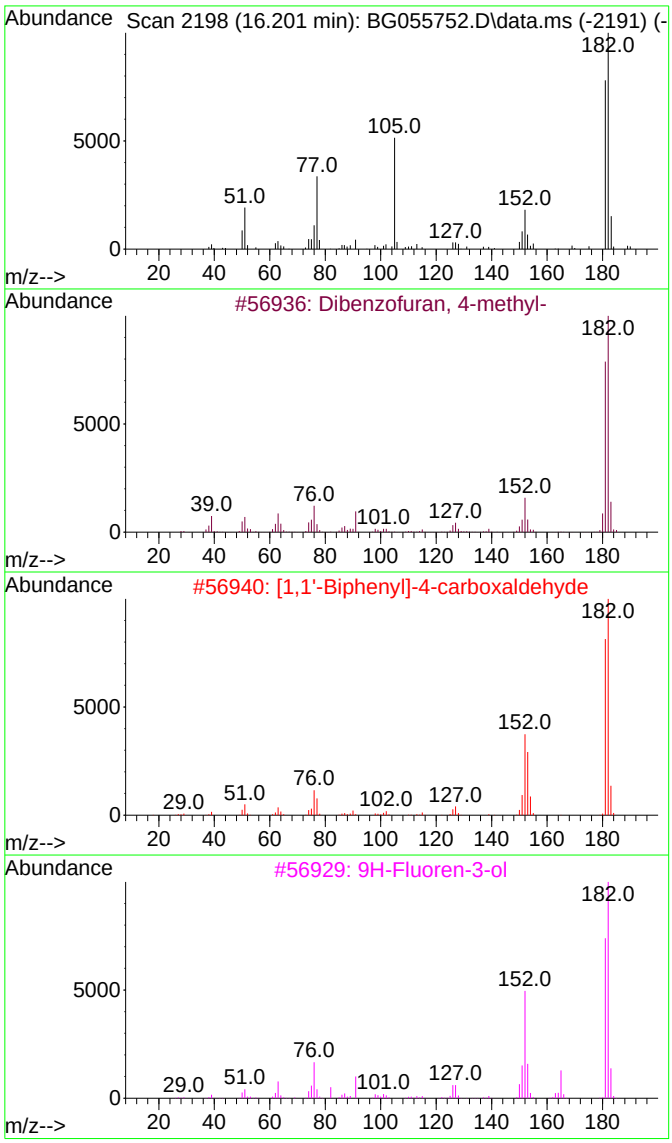
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

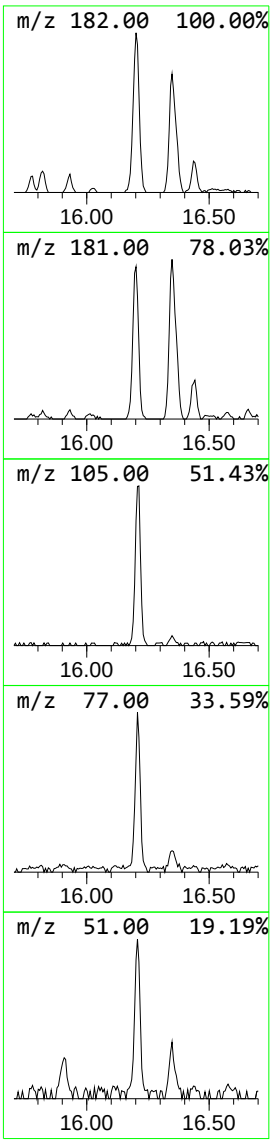
****

Peak Number 3 Dibenzofuran, 4-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.201	5.29 ng	144250	Acenaphthene-d10	14.868

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	81
2	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	76
3	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	74
4	2-Hydroxyfluorene	182	C13H10O	002443-58-5	72
5	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	59





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Acq On : 22 Nov 2022 23:26
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Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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

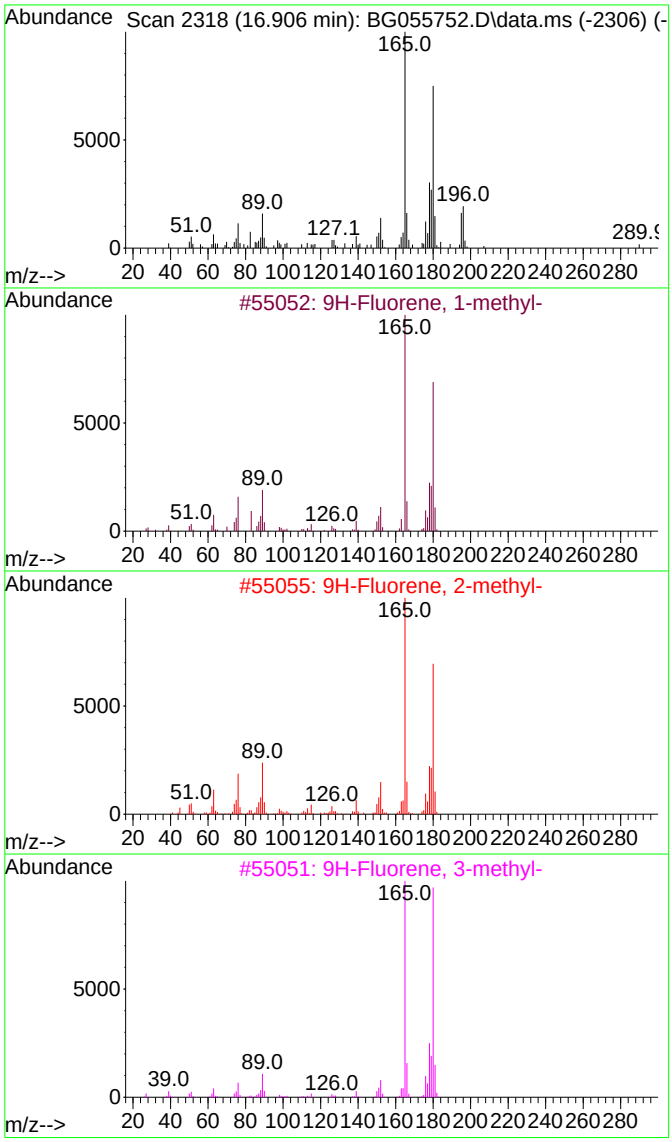
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

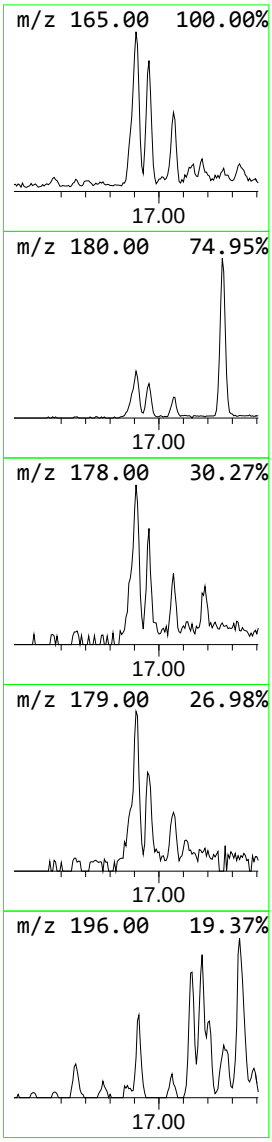
****

Peak Number 4 9H-Fluorene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.906	3.68 ng	118552	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	97
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	97
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	86





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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

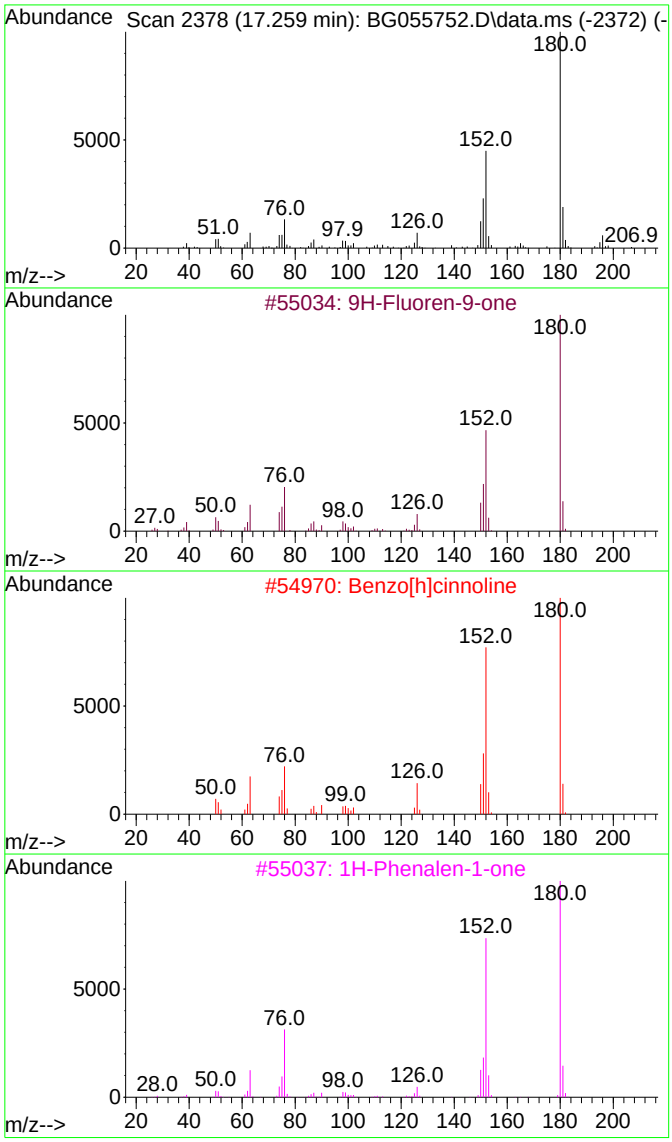
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

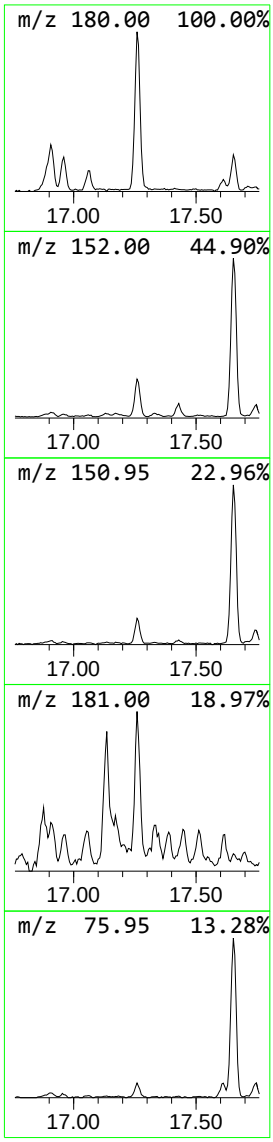
****

Peak Number 5 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.259	4.16 ng	133922	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	83
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	64
4	6H-Purine-6-thione, 9-ethyl-1,9-...	180	C7H8N4S	005427-20-3	45
5	Benzo(f)quinoxaline	180	C12H8N2	000230-33-1	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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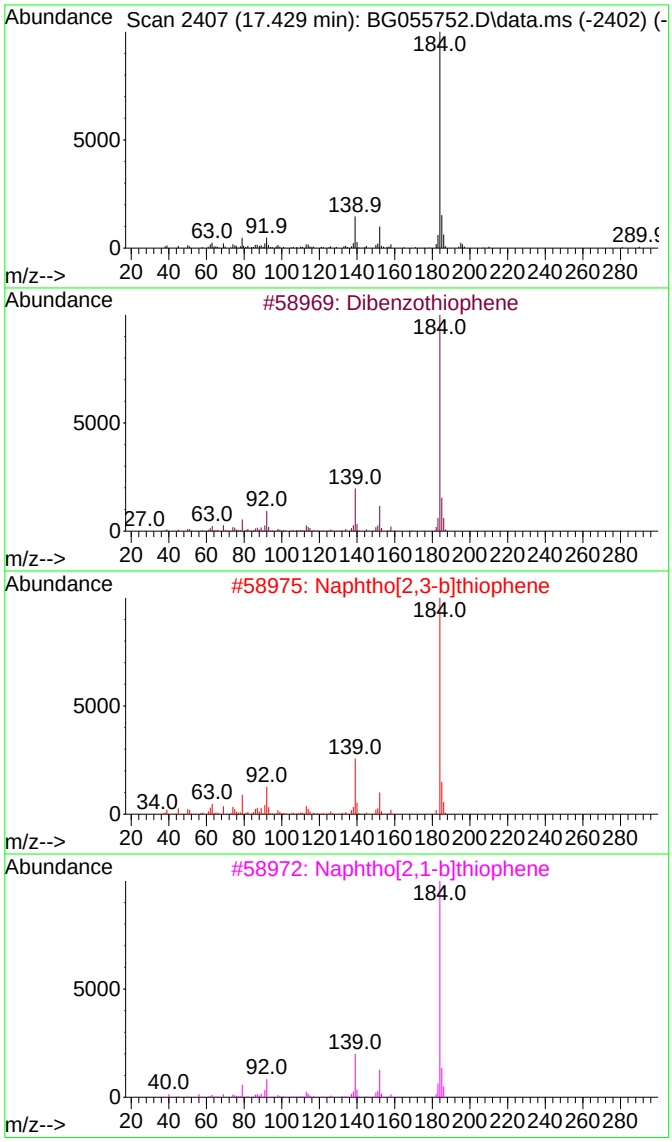
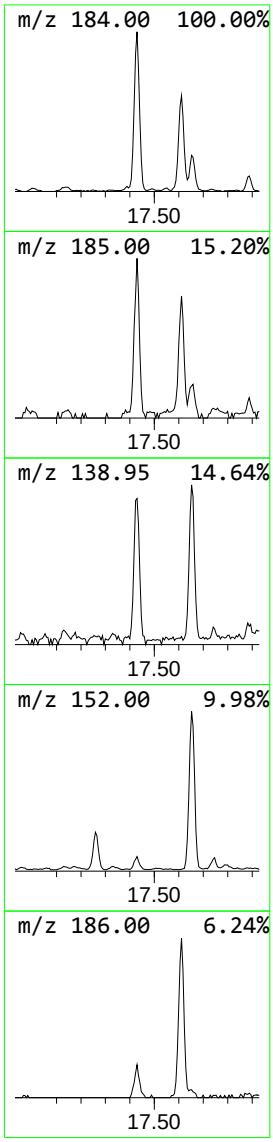
Peak Number 6 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.429	4.32 ng	139136	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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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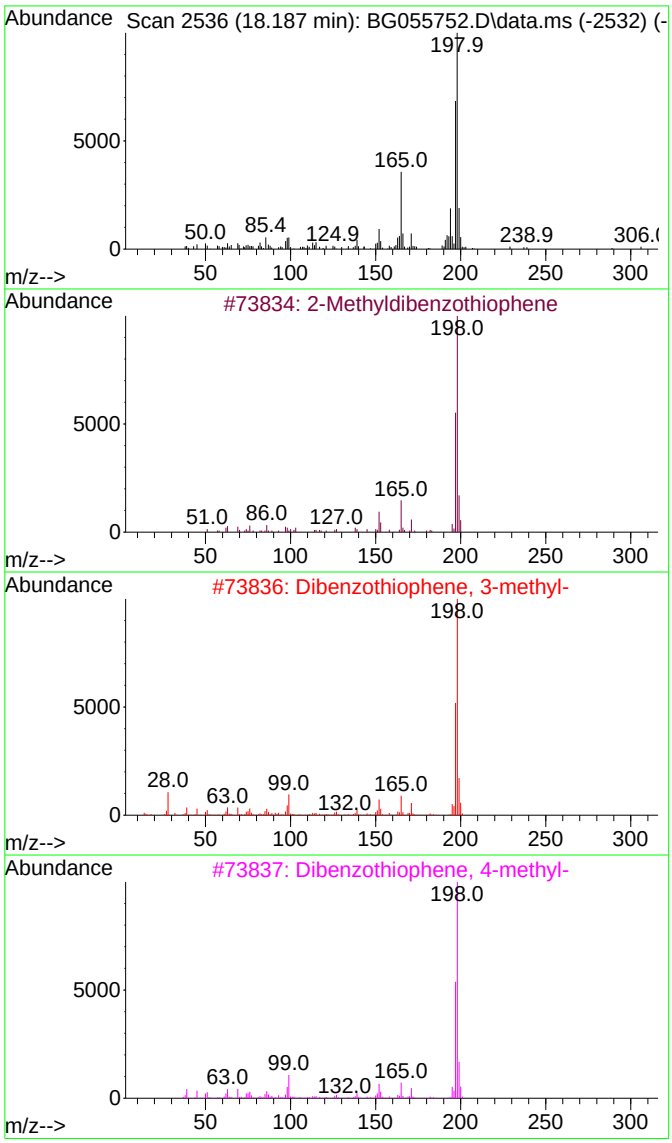
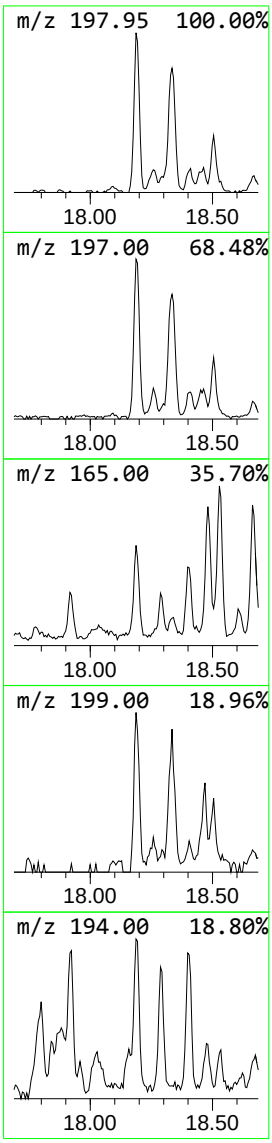
Peak Number 7 2-Methyldibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.187	3.78 ng	121887	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	87
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	81
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	81
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	81
5	Thioxanthene	198	C13H10S	000261-31-4	64





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MH-84

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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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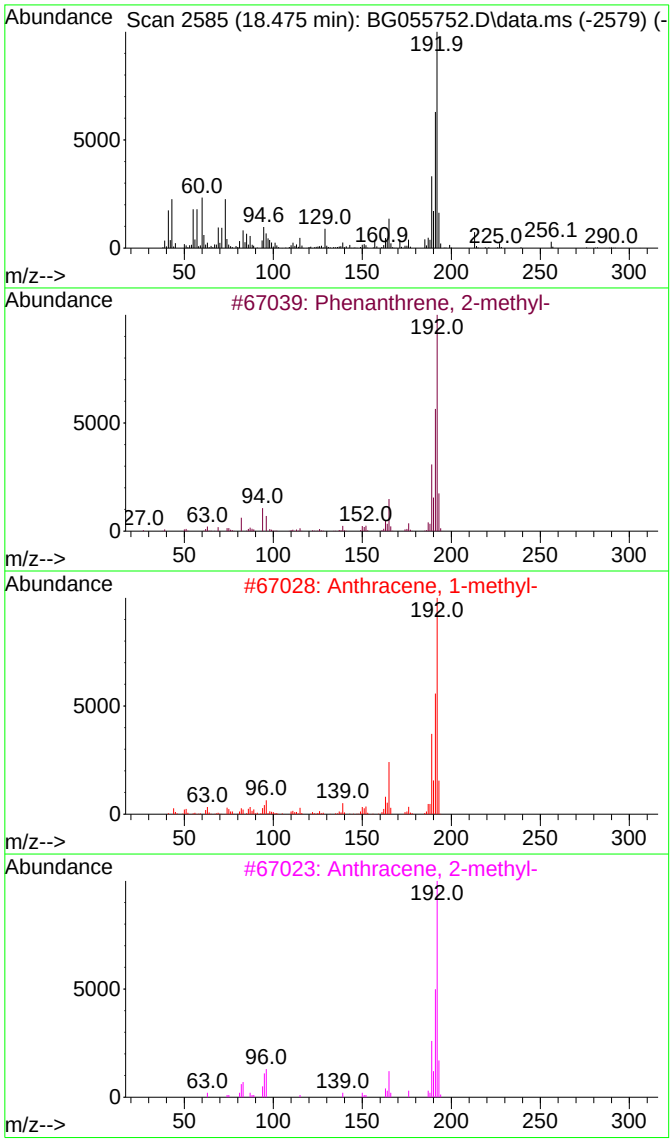
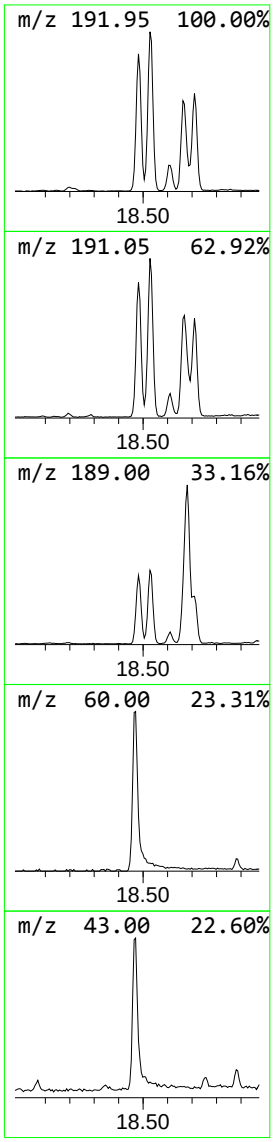
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.475	22.15 ng	713895	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	89
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	86
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	86





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Instrument :
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ClientSampleId :
MH-84

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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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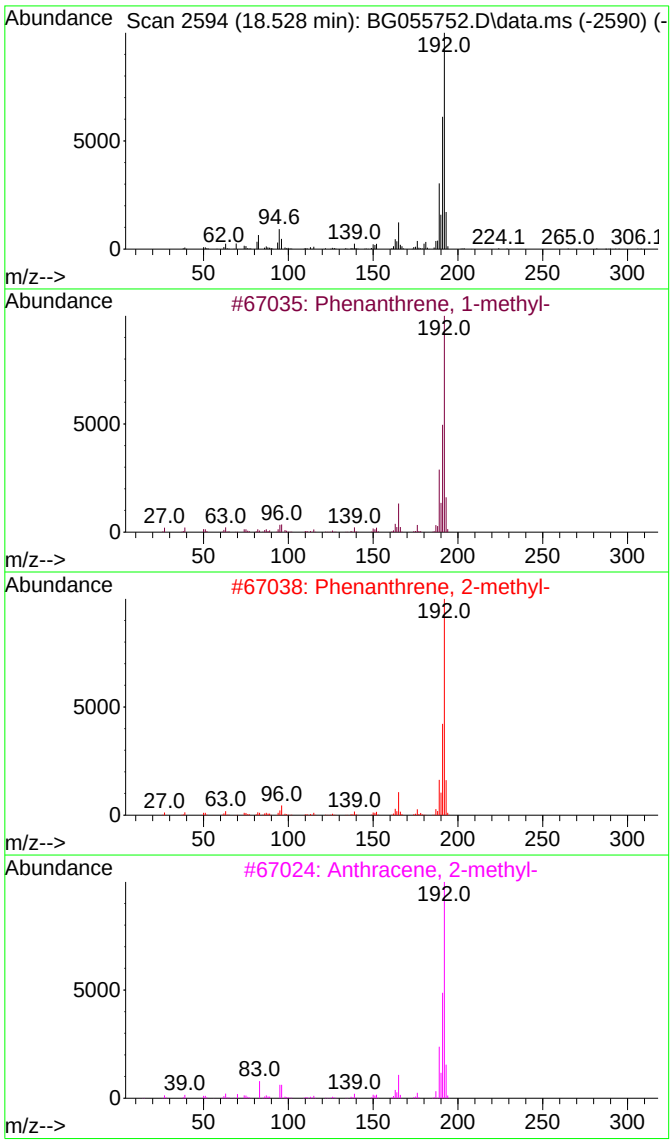
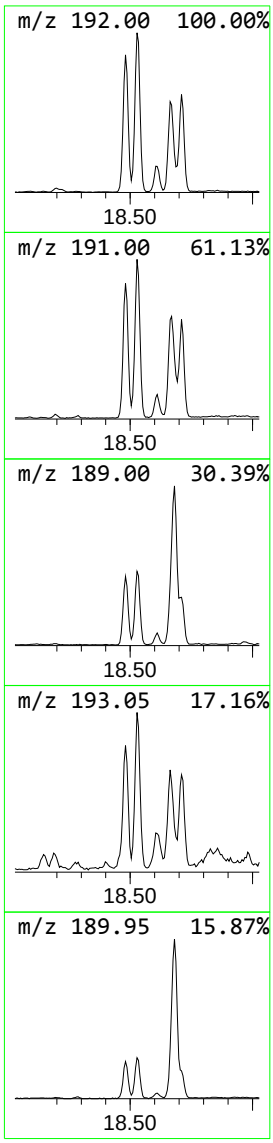
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.528	13.41 ng	432265	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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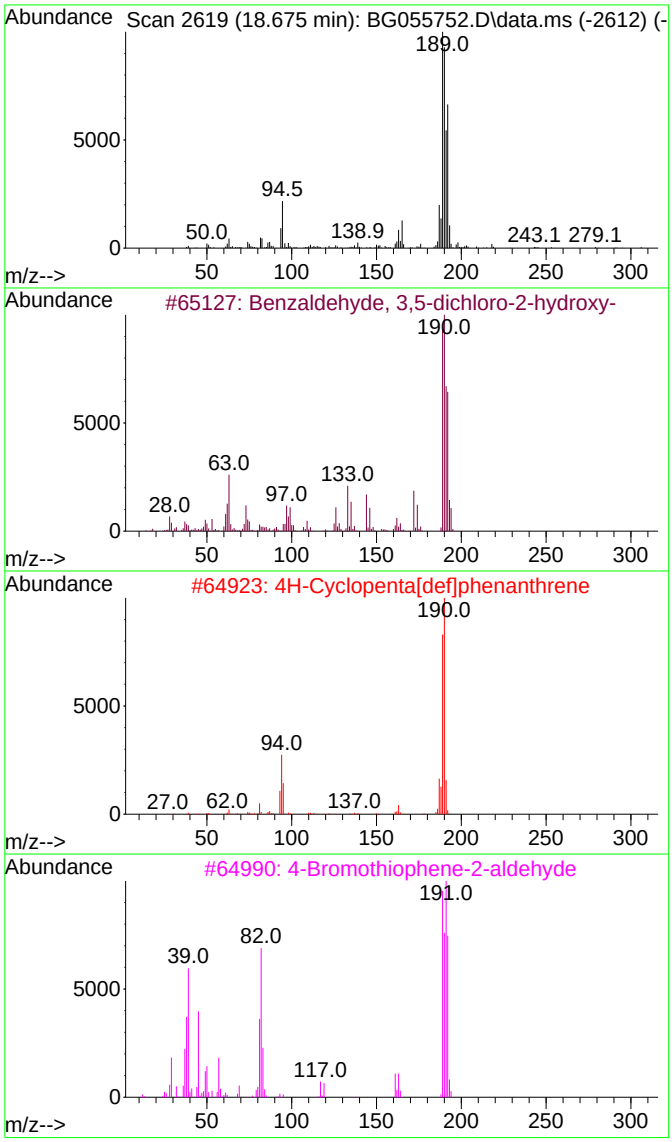
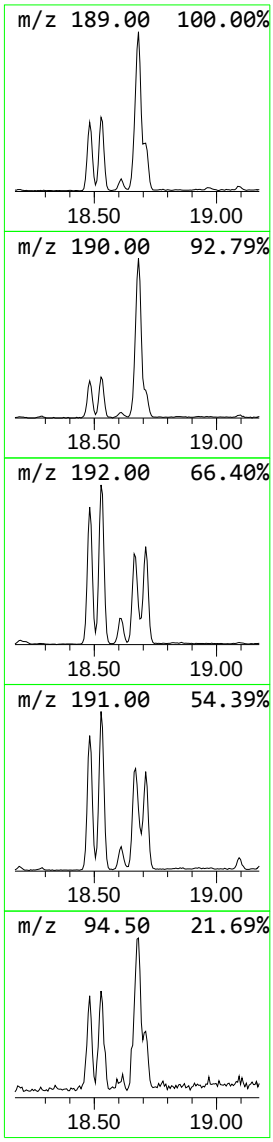
Peak Number 10 Benzaldehyde, 3,5-dichloro-... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.675	16.04 ng	517020	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	58
3	4-Bromothiophene-2-aldehyde	190	C5H3BrOS	018791-75-8	52
4	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	43
5	3-Bromo-2-furoic acid	190	C5H3BrO3	014903-90-3	27





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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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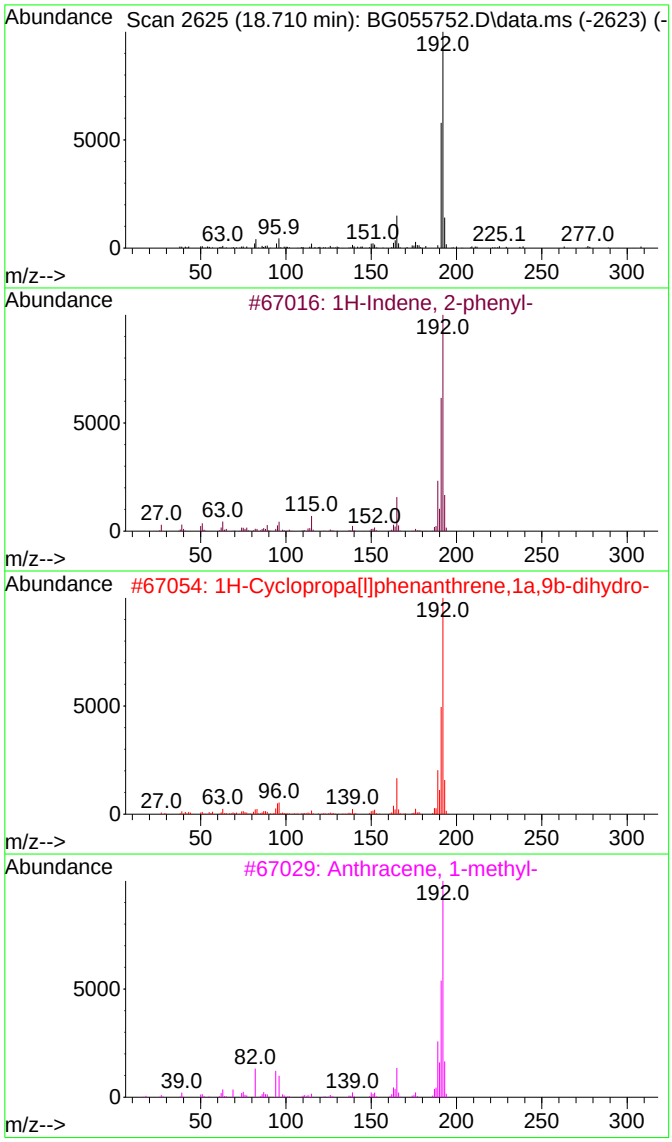
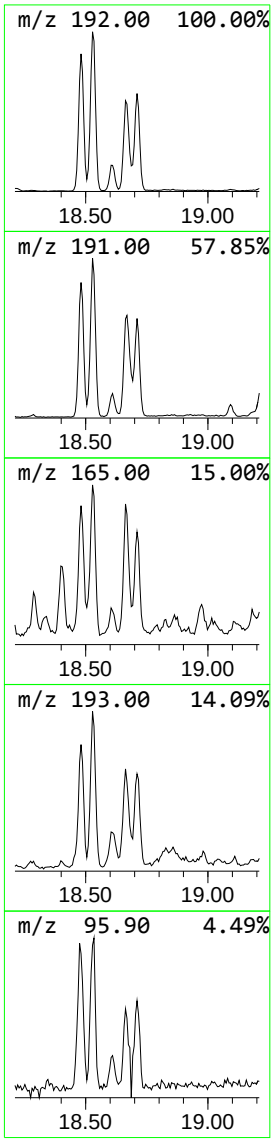
Peak Number 11 1H-Indene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.710	5.95 ng	191612	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	91
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	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

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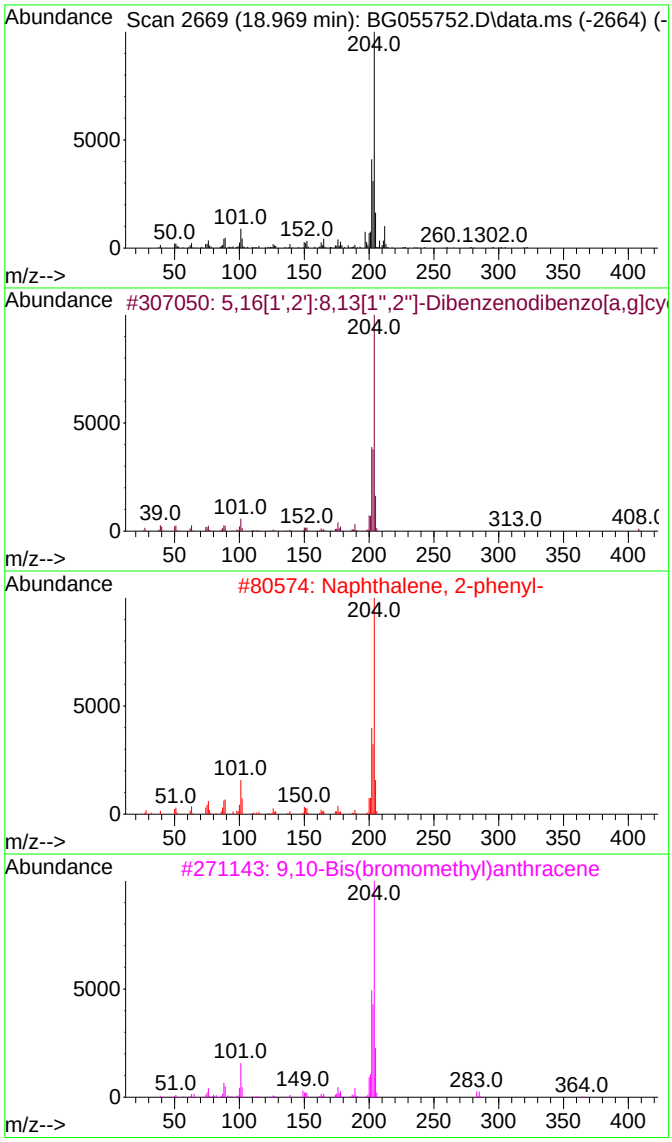
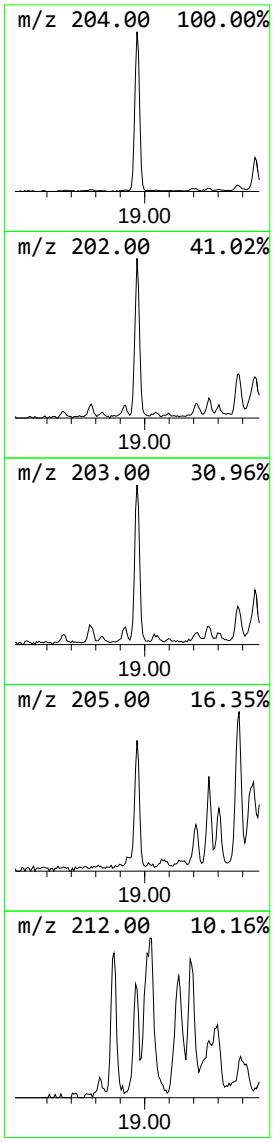
Peak Number 12 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.969	6.87 ng	221316	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	83
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	78
3	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	72
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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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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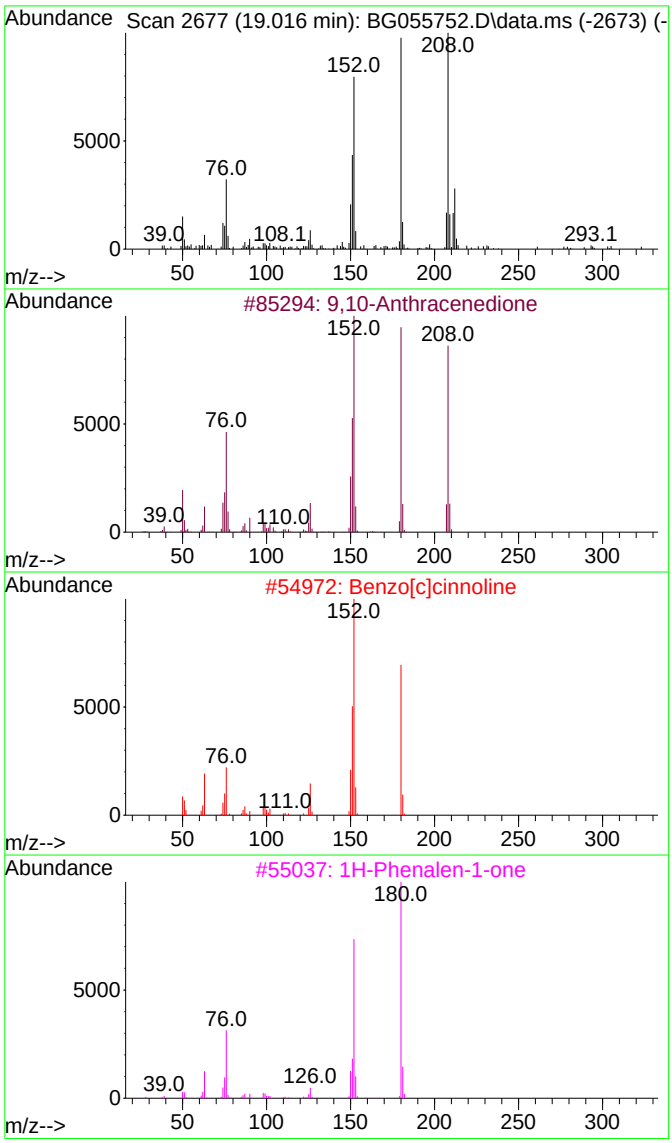
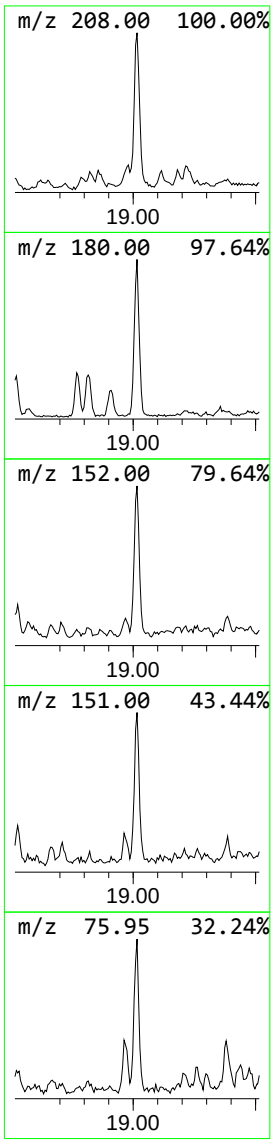
Peak Number 13 9,10-Anthracenedione Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.016	6.10 ng	196498	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	93
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53
5	2-(Dicyanomethylene)indene-1,3-d...	208	C12H4N2O2	016954-74-8	49





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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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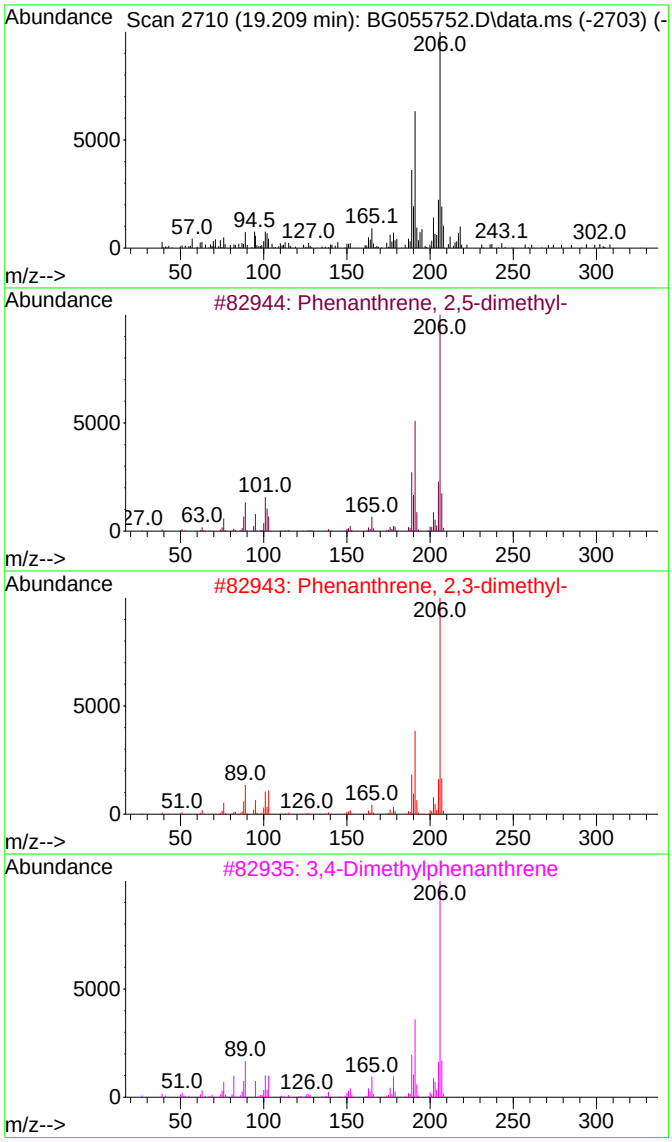
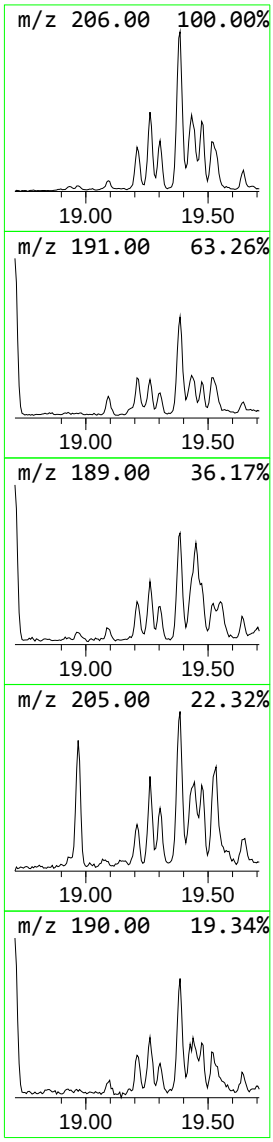
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.209	3.52 ng	113282	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	87





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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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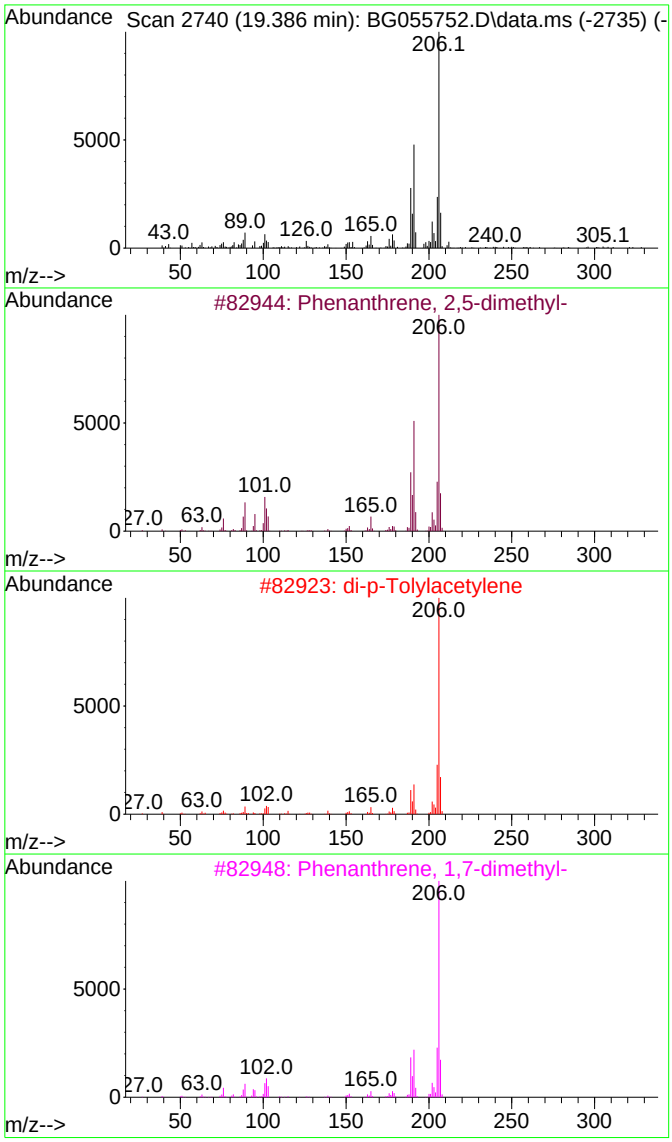
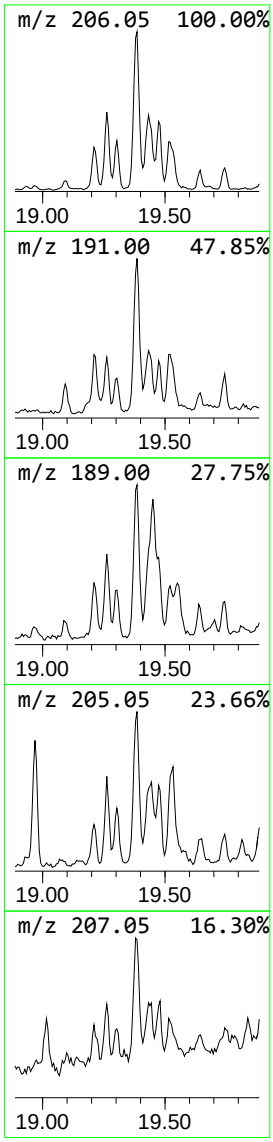
Peak Number 15 di-p-Tolylacetylene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.386	7.98 ng	257091	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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Misc :
ALS Vial : 13 Sample Multiplier: 1

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ClientSampleId :
MH-84

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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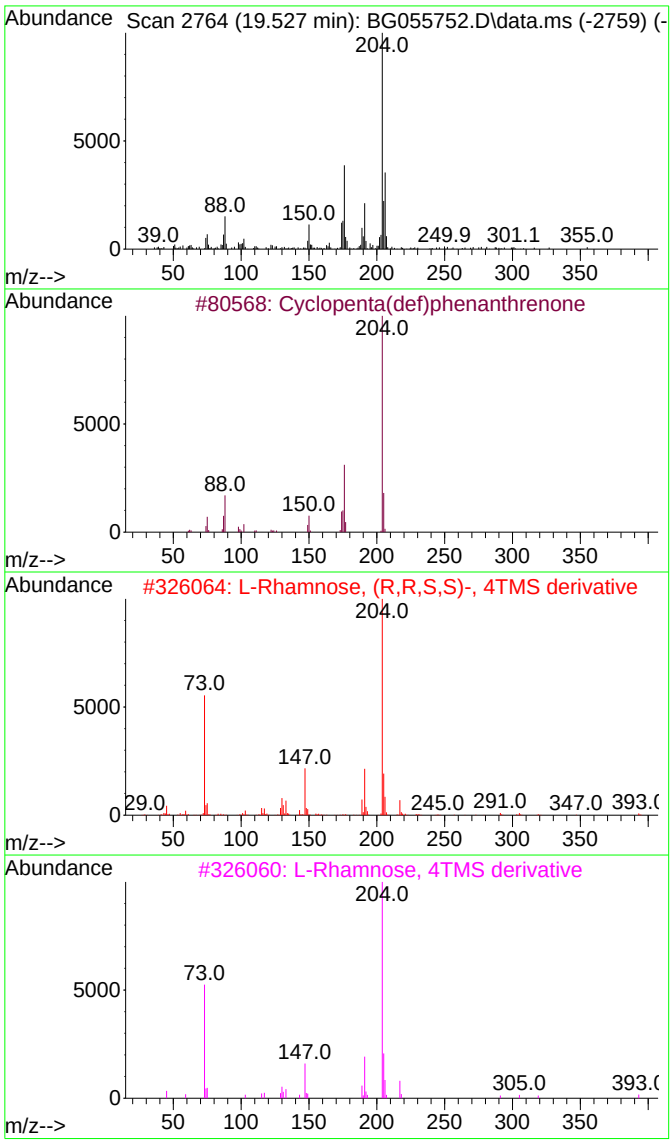
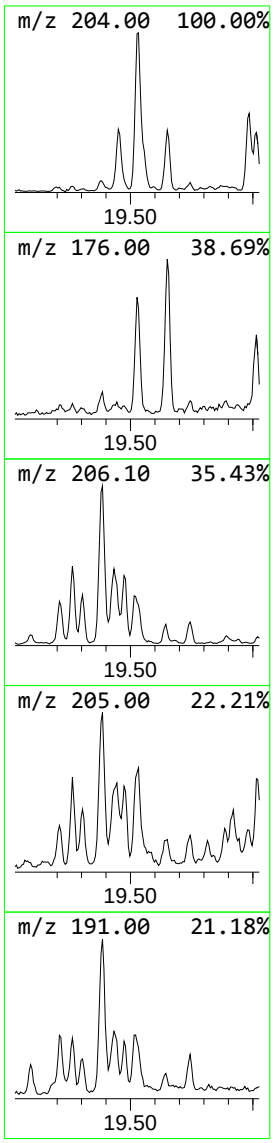
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.527	7.07 ng	227847	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
3	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43
5	3-(4-Fluorophenyl)-1-methylpyraz...	204	C11H9FN2O	689250-53-1	43





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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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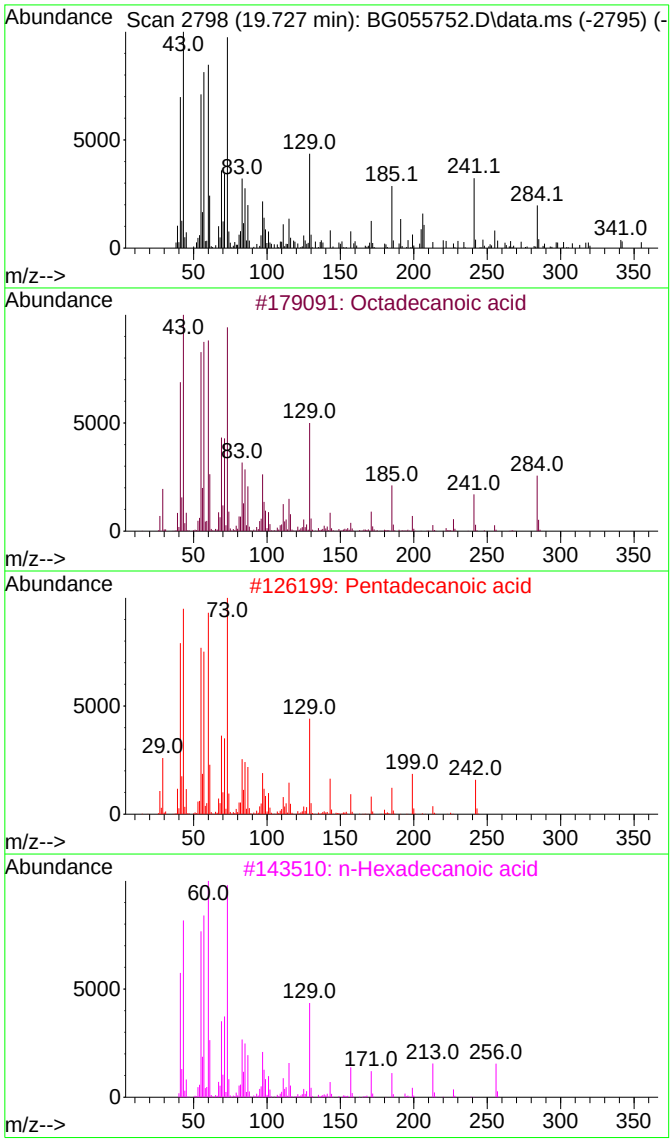
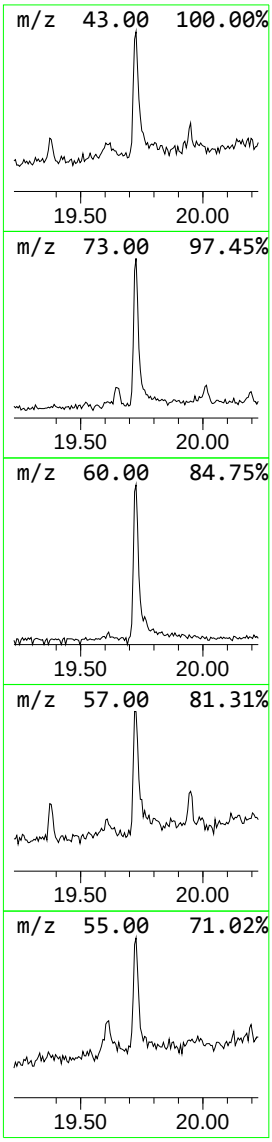
Peak Number 17 Octadecanoic acid Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.727	5.71 ng	183921	Phenanthrene-d10	17.611

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
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Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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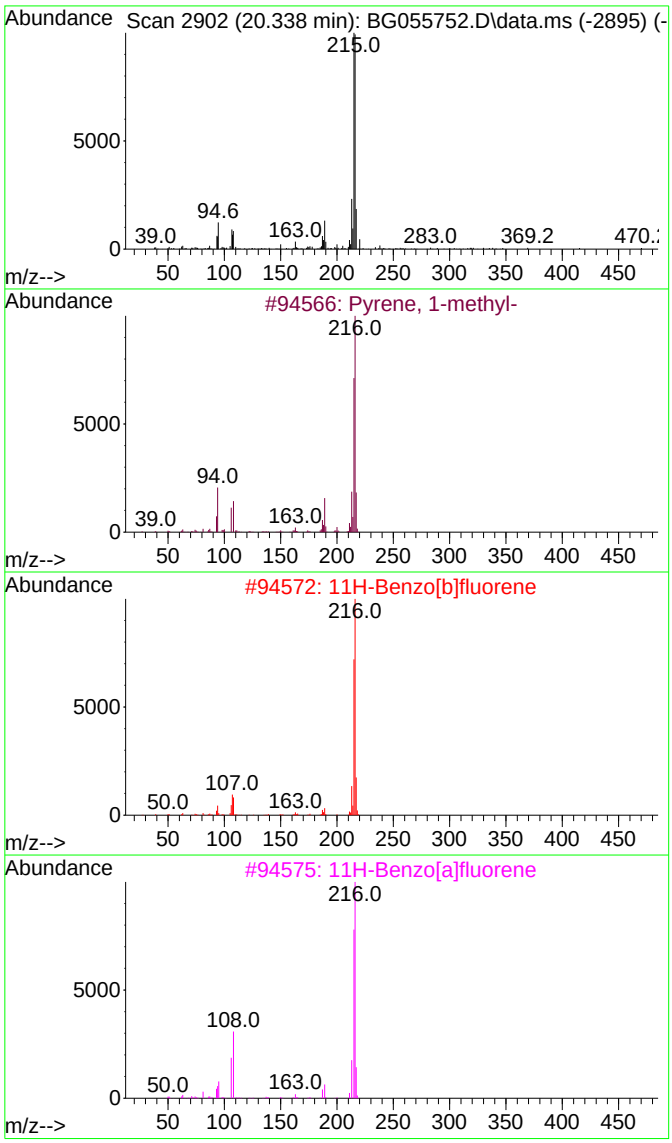
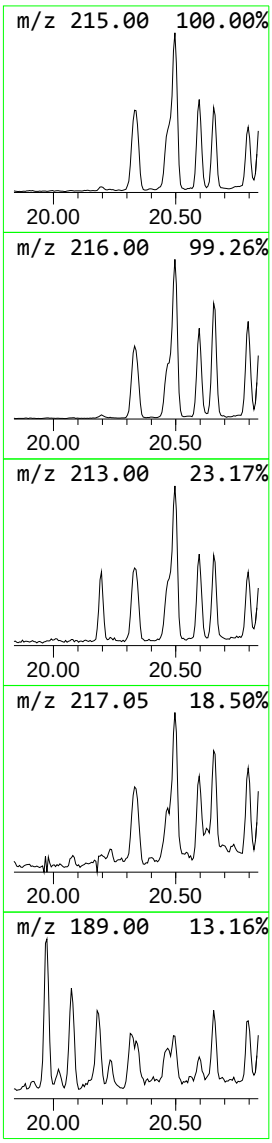
Peak Number 18 Pyrene, 1-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.338	3.32 ng	288167	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90
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	76





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Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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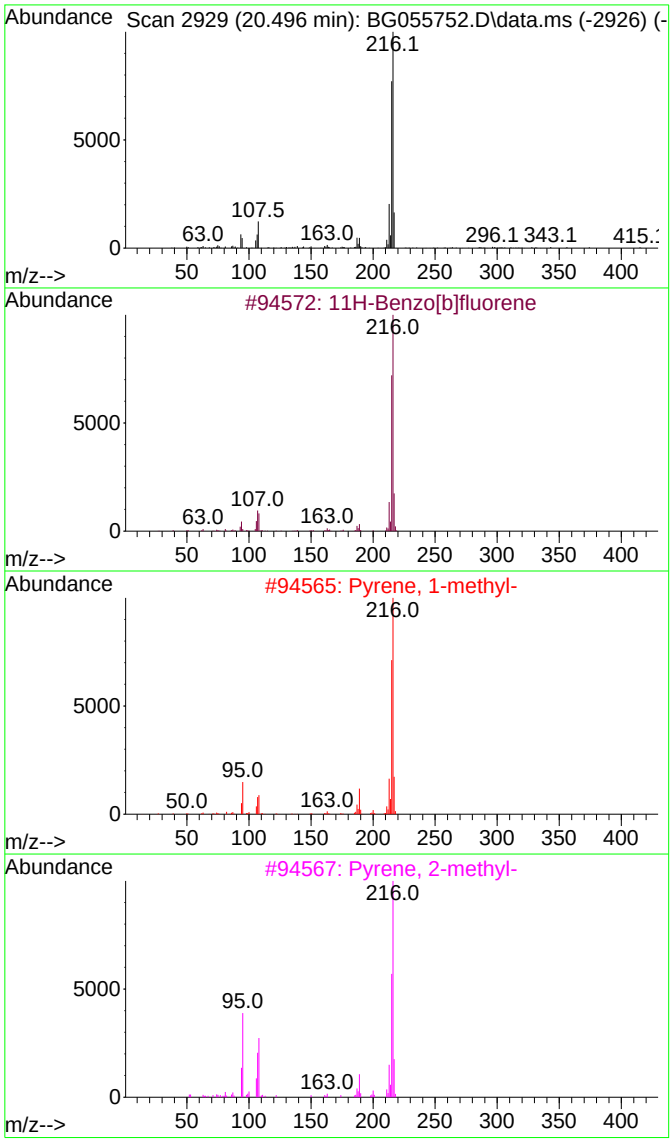
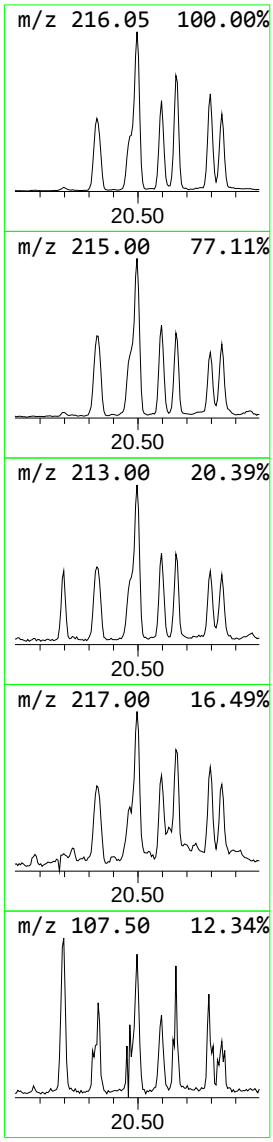
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.496	3.54 ng	307202	Chrysene-d12	21.906

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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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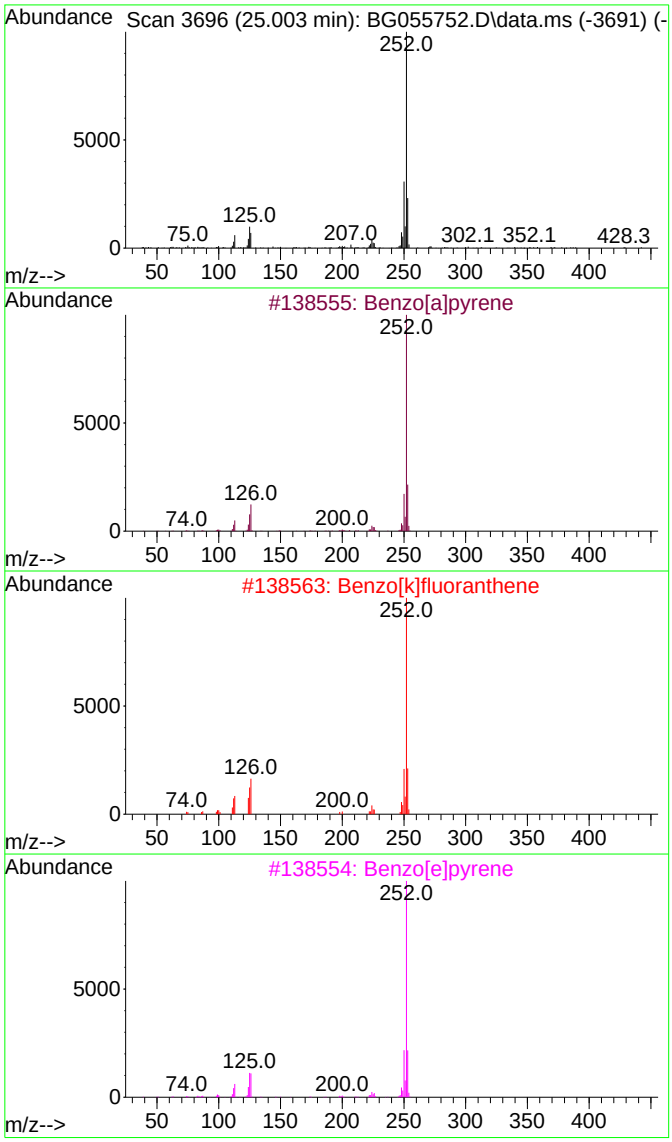
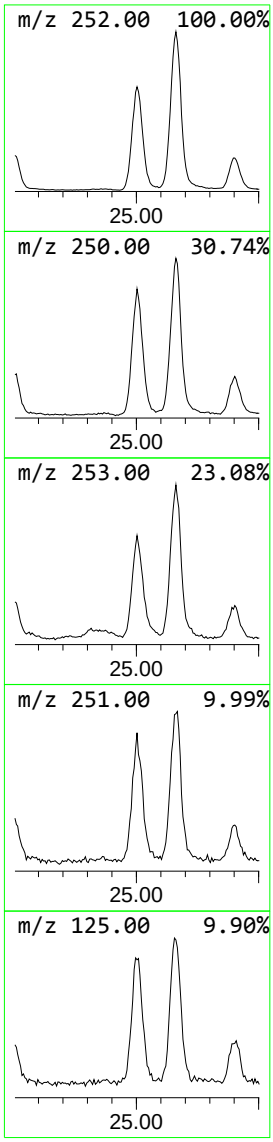
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
25.003	24.20 ng	527635	Perylene-d12	25.320

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[a]pyrene	252	C20H12	000050-32-8	93
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
3	Benzo[e]pyrene	252	C20H12	000192-97-2	91
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	91
5	Perylene	252	C20H12	000198-55-0	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG112222\
Data File : BG055752.D
Acq On : 22 Nov 2022 23:26
Operator : CG/JU
Sample : N5749-22
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
MH-84

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-...	5.296	13.9	ng	190628	1	8.246	273928	20.0
Naphthalene, 2,...	14.192	4.2	ng	115151	3	14.868	544944	20.0
Dibenzofuran, 4...	16.201	5.3	ng	144250	3	14.868	544944	20.0
9H-Fluorene, 1-...	16.906	3.7	ng	118552	4	17.611	644476	20.0
9H-Fluoren-9-one	17.259	4.2	ng	133922	4	17.611	644476	20.0
Dibenzothiophene	17.429	4.3	ng	139136	4	17.611	644476	20.0
2-Methyldibenzo...	18.187	3.8	ng	121887	4	17.611	644476	20.0
Phenanthrene, 2...	18.475	22.1	ng	713895	4	17.611	644476	20.0
Phenanthrene, 1...	18.528	13.4	ng	432265	4	17.611	644476	20.0
Benzaldehyde, 3...	18.675	16.0	ng	517020	4	17.611	644476	20.0
1H-Indene, 2-ph...	18.710	6.0	ng	191612	4	17.611	644476	20.0
5,16[1',2']:8,1...	18.969	6.9	ng	221316	4	17.611	644476	20.0
9,10-Anthracene...	19.016	6.1	ng	196498	4	17.611	644476	20.0
Phenanthrene, 2...	19.209	3.5	ng	113282	4	17.611	644476	20.0
di-p-Tolylacety...	19.386	8.0	ng	257091	4	17.611	644476	20.0
Cyclopenta(def)...	19.527	7.1	ng	227847	4	17.611	644476	20.0
Octadecanoic acid	19.727	5.7	ng	183921	4	17.611	644476	20.0
Pyrene, 1-methyl-	20.338	3.3	ng	288167	5	21.906	1735550	20.0
11H-Benzo[b]flu...	20.496	3.5	ng	307202	5	21.906	1735550	20.0
Benzo[e]pyrene	25.003	24.2	ng	527635	6	25.320	436053	20.0