LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG061195.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.153	22	28	40	rVB	141238	247201	10.65%	1.043%
2	5.526	424	432	444	rBV	202840	336084	14.48%	1.418%
3	7.107	692	701	710	rBV	210293	371776	16.02%	1.568%
4	7.929	834	841	847	rVB	125521	208939	9.00%	0.881%
5	9.087	1028	1038	1046	rBV	130432	227523	9.80%	0.960%
6	10.720	1309	1316	1322	rBV	145265	255697	11.02%	1.079%
7	12.383	1592	1599	1608	rVB	15977	26219	1.13%	0.111%
8	12.600	1630	1636	1642	rBV3	18558	31653	1.36%	0.134%
9	13.176	1728	1734	1740	rBV	281849	430863	18.57%	1.818%
10	13.881	1849	1854	1859	rBV3	32020	54030	2.33%	0.228%
11	13.934	1859	1863	1869	rVB3	19233	28596	1.23%	0.121%
12	14.281	1914	1922	1931	rBV2	42754	86997	3.75%	0.367%
13	14.557	1959	1969	1975	rBV	234269	373985	16.12%	1.578%
14	14.622	1975	1980	1988	rVB	59087	94071	4.05%	0.397%
15	14.768	1999	2005	2013	rVB5	13677	35422	1.53%	0.149%
16	14.957	2029	2037	2044	rVB	64526	100429	4.33%	0.424%
17	15.033	2044	2050	2055	rVB2	23323	32659	1.41%	0.138%
18	15.180	2069	2075	2079	rBV3	16990	32714	1.41%	0.138%
19	15.350	2096	2104	2107	rBV5	15691	31897	1.37%	0.135%
20	15.609	2142	2148	2158	rVB	95749	163254	7.03%	0.689%
21	15.726	2160	2168	2172	rVV5	13777	32573	1.40%	0.137%
22	15.814	2180	2183	2188	rVV5	15797	26326	1.13%	0.111%
23	15.902	2192	2198	2205	rVB	39135	66334	2.86%	0.280%
24	16.049	2217	2223	2231	rBV	296491	471066	20.30%	1.987%
25	16.284	2257	2263	2270	rBV5	23205	47164	2.03%	0.199%
26	16.613	2310	2319	2323	rBV3	32532	68500	2.95%	0.289%
27	16.660	2323	2327	2332	rVB4	20153	32619	1.41%	0.138%
28	16.843	2349	2358	2362	rBV6	25667	55284	2.38%	0.233%
29	16.878	2362	2364	2369	rVV4	26287	43304	1.87%	0.183%
30	16.960	2373	2378	2387	rVV2	63161	109106	4.70%	0.460%
31	17.036	2387	2391	2401	rVV2	25494	68732	2.96%	0.290%
32	17.125	2401	2406	2415	rVB	74417	124204	5.35%	0.524%
33	17.307	2431	2437	2440	rBV	275153	411200	17.72%	1.735%
34	17.354	2440	2445	2451	rVV	1115888	1674751	72.17%	7.065%
35	17.442	2455	2460	2465	rVV	213180	316642	13.64%	1.336%
36	17.495	2465	2469	2475	rVB4	23057	45840	1.98%	0.193%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.712	2497	2506	2510	rBV2	54007	102414	4.41%	0.432%
38	17.824	2519	2525	2530	rVV3	29732	50388	2.17%	0.213%
39	17.888	2531	2536	2546	rVB2	49344	86560	3.73%	0.365%
40	18.024	2556	2559	2567	rVB	25263	51038	2.20%	0.215%
41	18.106	2569	2573	2577	rBV2	17112	24404	1.05%	0.103%
42	18.182	2581	2586	2590	rVV	159709	261040	11.25%	1.101%
43	18.235	2590	2595	2601	rVB	219224	329018	14.18%	1.388%
44	18.317	2603	2609	2614	rBV	58035	96495	4.16%	0.407%
45	18.382	2614	2620	2623	rVV3	207523	397649	17.14%	1.678%
46	18.411	2623	2625	2633	rVB	108407	148420	6.40%	0.626%
47	18.494	2635	2639	2642	rBV6	17056	23624	1.02%	0.100%
48	18.582	2650	2654	2658	rBV3	18835	26031	1.12%	0.110%
49	18.682	2666	2671	2675	rBV	133203	185442	7.99%	0.782%
50	18.723	2675	2678	2688	rVB2	124328	199504	8.60%	0.842%
51	18.899	2705	2708	2710	rBV4	19784	26403	1.14%	0.111%
52	18.928	2710	2713	2716	rVV2	41469	58304	2.51%	0.246%
53	18.981	2718	2722	2725	rVV	49788	76852	3.31%	0.324%
54	19.016	2725	2728	2732	rVB2	43012	55702	2.40%	0.235%
55	19.099	2737	2742	2747	rBV	109702	200376	8.63%	0.845%
56	19.163	2749	2753	2756	rVV5	47342	90219	3.89%	0.381%
57	19.193	2756	2758	2762	rVB2	41577	41791	1.80%	0.176%
58	19.240	2762	2766	2773	rBV2	95412	174399	7.52%	0.736%
59	19.369	2781	2788	2794	rBV	1691762	2320666	100.00%	9.790%
60	19.428	2794	2798	2801	rBV	37609	55598	2.40%	0.235%
61	19.463	2801	2804	2808	rVB2	41565	51244	2.21%	0.216%
62	19.516	2808	2813	2817	rBV	59526	90983	3.92%	0.384%
63	19.563	2817	2821	2824	rBV3	31901	45547	1.96%	0.192%
64	19.604	2825	2828	2831	rVV	46502	54840	2.36%	0.231%
65	19.698	2839	2844	2845	rBV	241522	326532	14.07%	1.378%
66	19.727	2845	2849	2857	rVV	1321428	1971941	84.97%	8.319%
67	19.798	2857	2861	2867	rVB2	83890	139404	6.01%	0.588%
68	19.921	2874	2882	2886	rBV2	458544	720545	31.05%	3.040%
69	20.051	2898	2904	2910	rBV3	106941	287647	12.40%	1.213%
70	20.192	2922	2928	2929	rBV5	76772	135687	5.85%	0.572%
71	20.215	2929	2932	2938	rVB	200598	295026	12.71%	1.245%
72	20.321	2946	2950	2953	rVB	102071	126329	5.44%	0.533%
73	20.380	2954	2960	2964	rBV3	133825	224980	9.69%	0.949%
74	20.521	2980	2984	2987	rBV	81404	107555	4.63%	0.454%
75	20.562	2987	2991	2995	rVV2	89787	119612	5.15%	0.505%
76	20.973	3057	3061	3069	rVB	142812	223185	9.62%	0.942%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

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-BG043024.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.155	3086	3092	3095	rBV3	117896	220194	9.49%	0.929%
78	21.196	3096	3099	3102	rVV	112050	143810	6.20%	0.607%
79	21.243	3103	3107	3112	rVV2	107258	224399	9.67%	0.947%
80	21.302	3113	3117	3125	rVB2	137137	241177	10.39%	1.017%
81	21.555	3154	3160	3166	rBV2	777622	1743700	75.14%	7.356%
82	21.613	3166	3170	3182	rVB	619805	1083189	46.68%	4.570%
83	21.760	3191	3195	3201	rBV	80060	120003	5.17%	0.506%
84	21.966	3226	3230	3237	rVB3	61606	110643	4.77%	0.467%
85	23.717	3520	3528	3534	rBV	399648	1228219	52.93%	5.181%
86	24.404	3640	3645	3659	rVB	226892	625266	26.94%	2.638%
87	24.551	3663	3670	3680	rVB	347818	935026	40.29%	3.945%
88	24.698	3690	3695	3703	rVB3	114739	261310	11.26%	1.102%

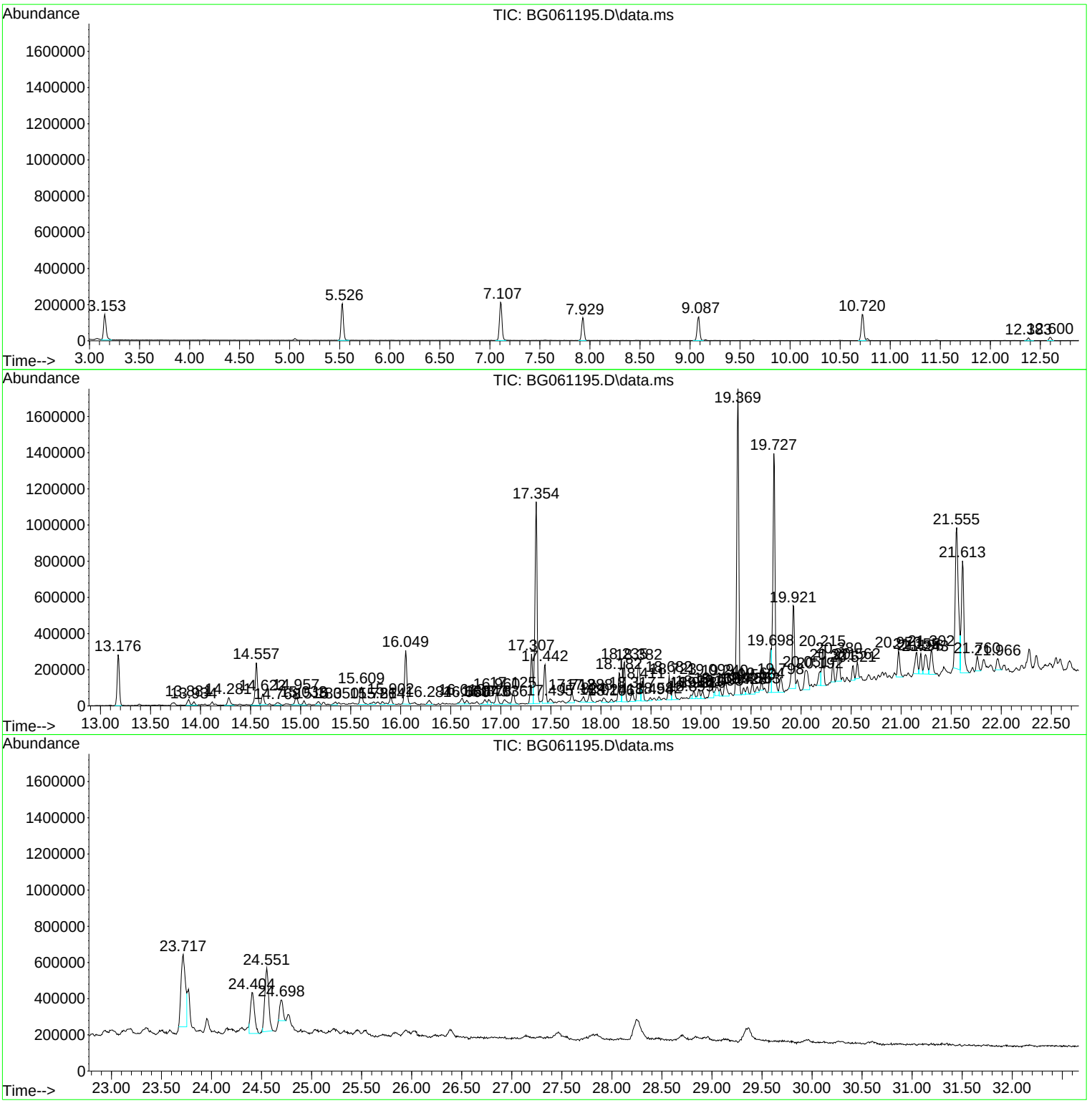
Sum of corrected areas: 23703984

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

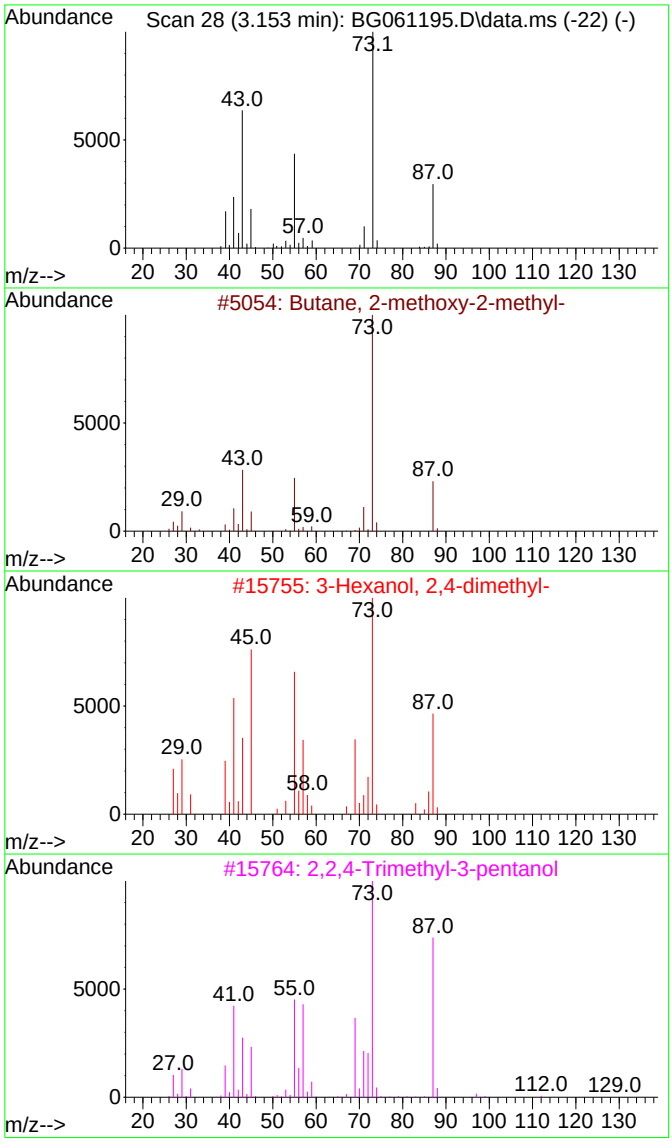
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

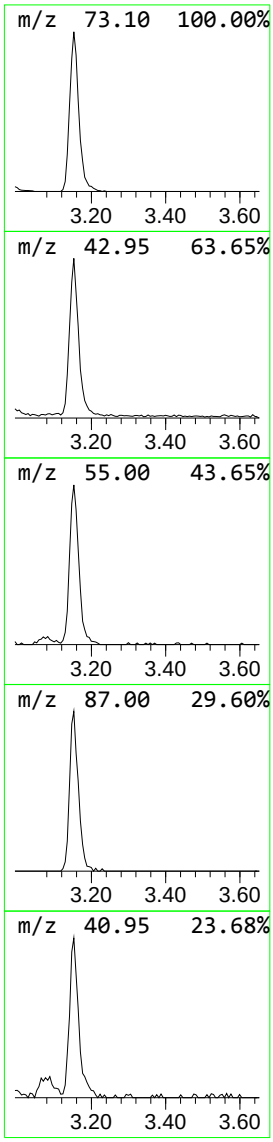
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.153	23.66 ng	247201	1,4-Dichlorobenzene-d4	7.929

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	50
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	39
4	3-Pentanol, 3-methyl-	102	C6H14O	000077-74-7	38
5	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

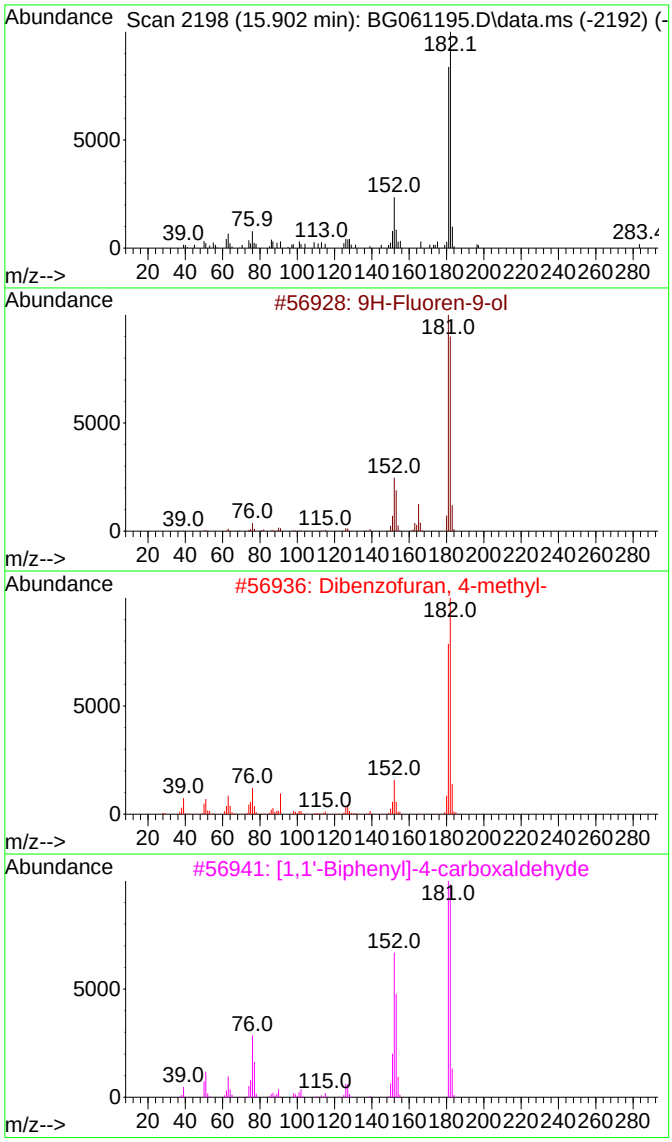
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

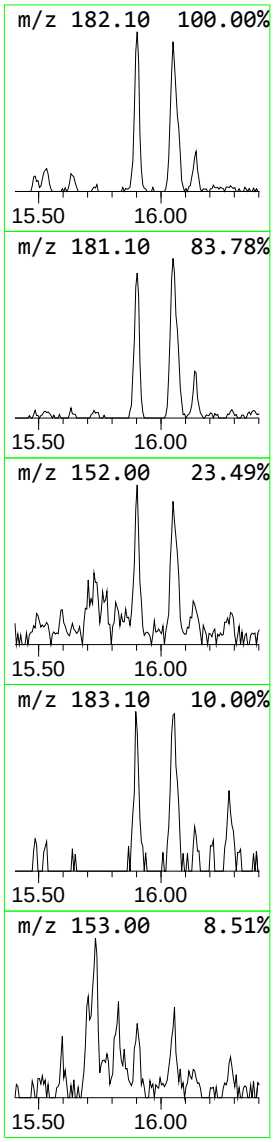
****

Peak Number 2 9H-Fluoren-9-ol Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.903	3.55 ng	66334	Acenaphthene-d10	14.557

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	87
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	86
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	86
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	64
5	6H-Dibenzo[b,d]-pyran	182	C13H10O	000229-95-8	59





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

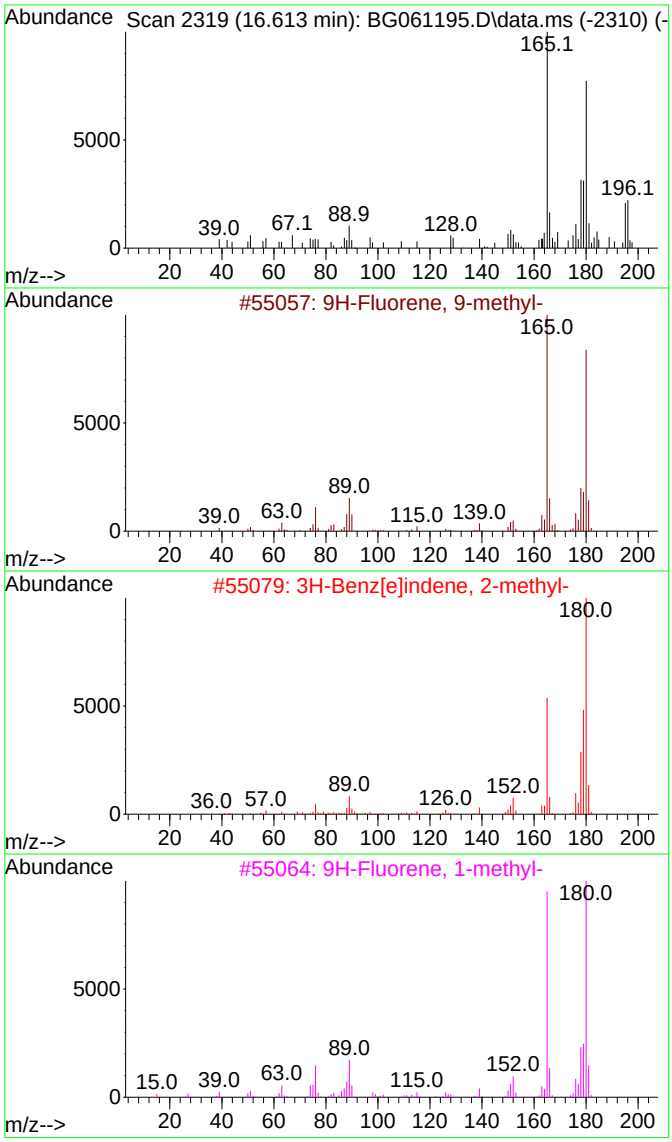
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

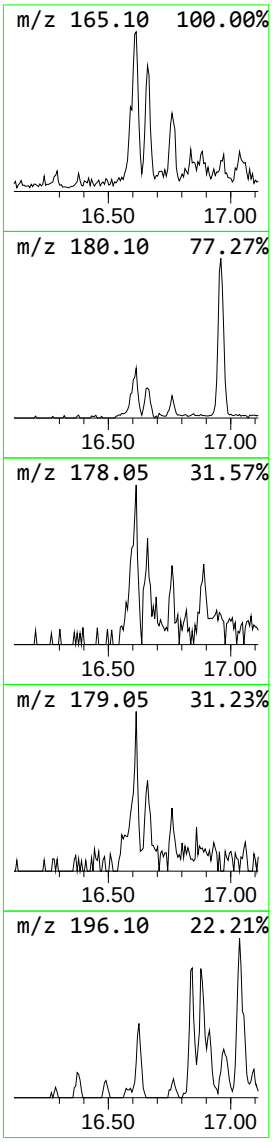
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 9H-Fluorene, 9-methyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.613	3.33 ng	68500	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
2	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	86
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	70
4	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	70
5	(E)-Stilbene	180	C14H12	000103-30-0	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

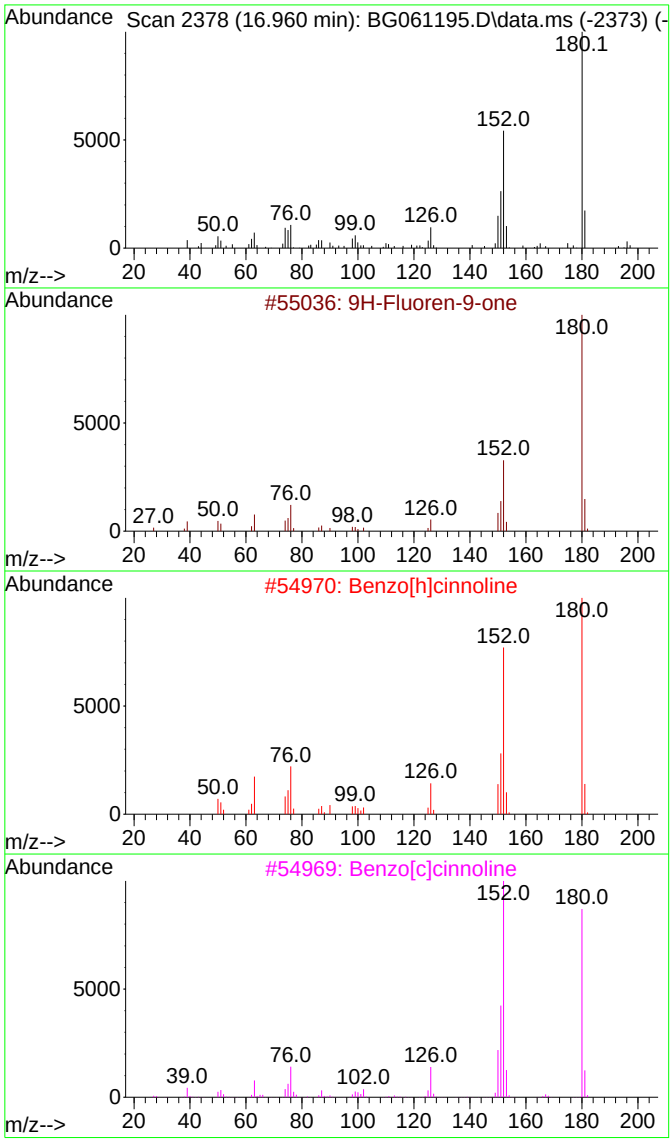
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

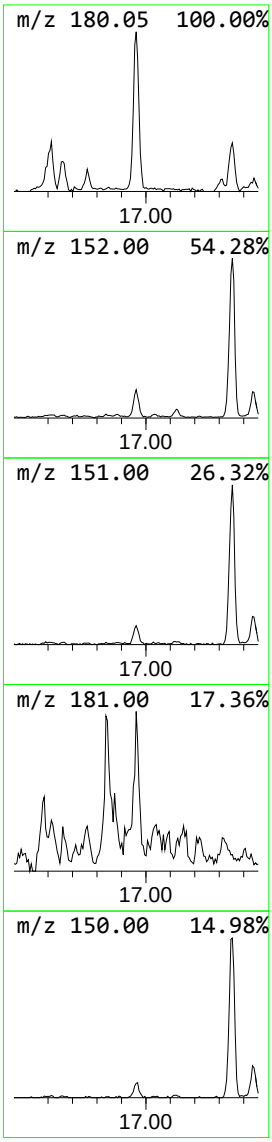
****

Peak Number 4 9H-Fluoren-9-one Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	5.31 ng	109106	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	96
2	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	86
4	1H-Phenalen-1-one	180	C13H8O	000548-39-0	72
5	2,3-Diazaphenanthrene	180	C12H8N2	000229-72-1	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

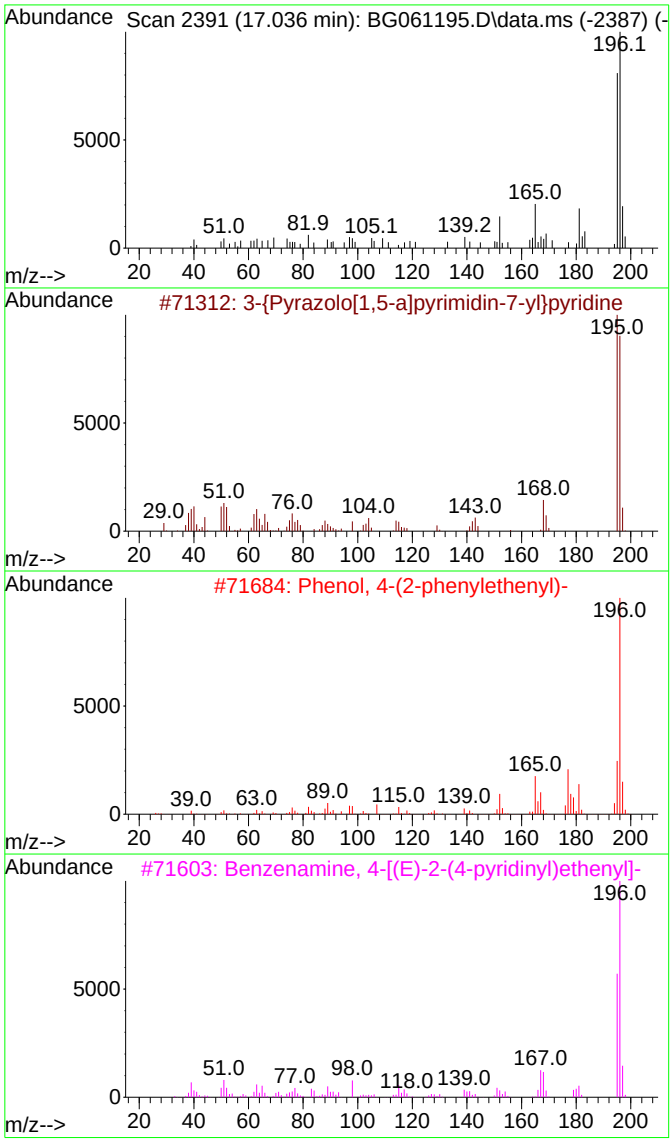
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

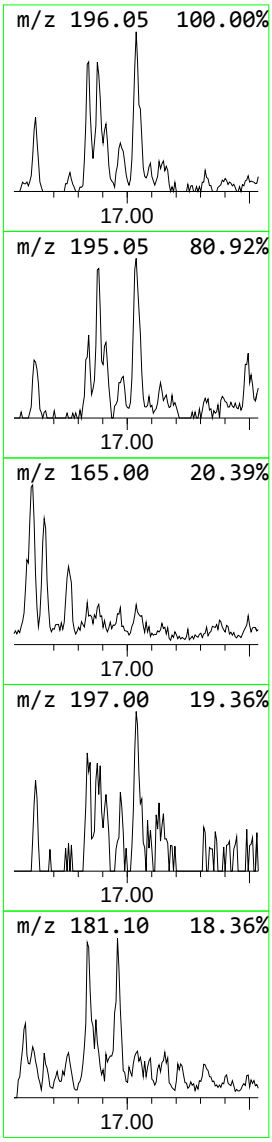
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 3-{Pyrazolo[1,5-a]pyrimidin... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.036	3.34 ng	68732	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-{Pyrazolo[1,5-a]pyrimidin-7-yl...	196	C11H8N4	078561-97-4	58
2	Phenol, 4-(2-phenylethenyl)-	196	C14H12O	003839-46-1	53
3	Benzenamine, 4-[(E)-2-(4-pyridin...	196	C13H12N2	1000351-61-4	50
4	5,7-Dimethylpyrimido-[3,4-a]-indole	196	C13H12N2	038349-21-2	50
5	Phenol, 4-(2-phenylethenyl)-, (E)-	196	C14H12O	006554-98-9	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

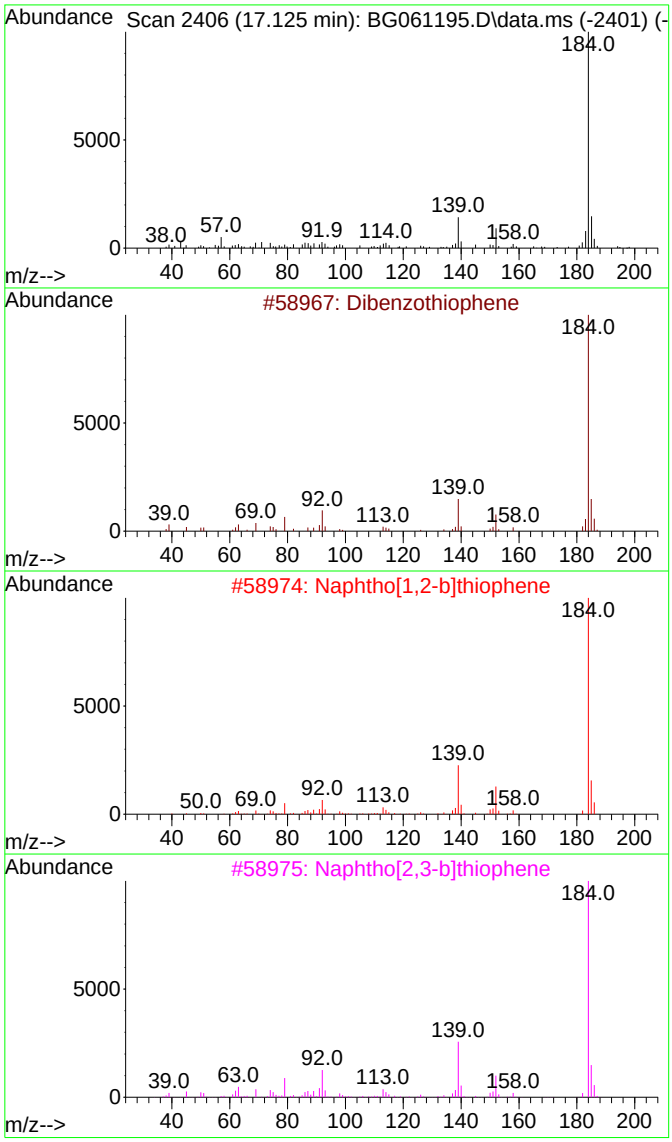
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

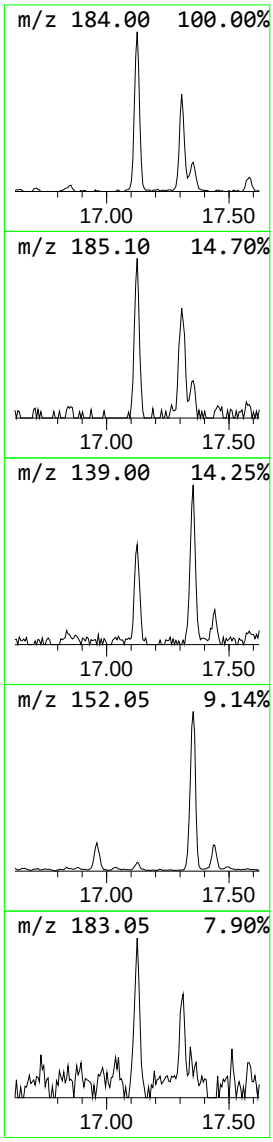
****

Peak Number 6 Dibenzothiophene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.125	6.04 ng	124204	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	94
2	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	91
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
5	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	90





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Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-051324

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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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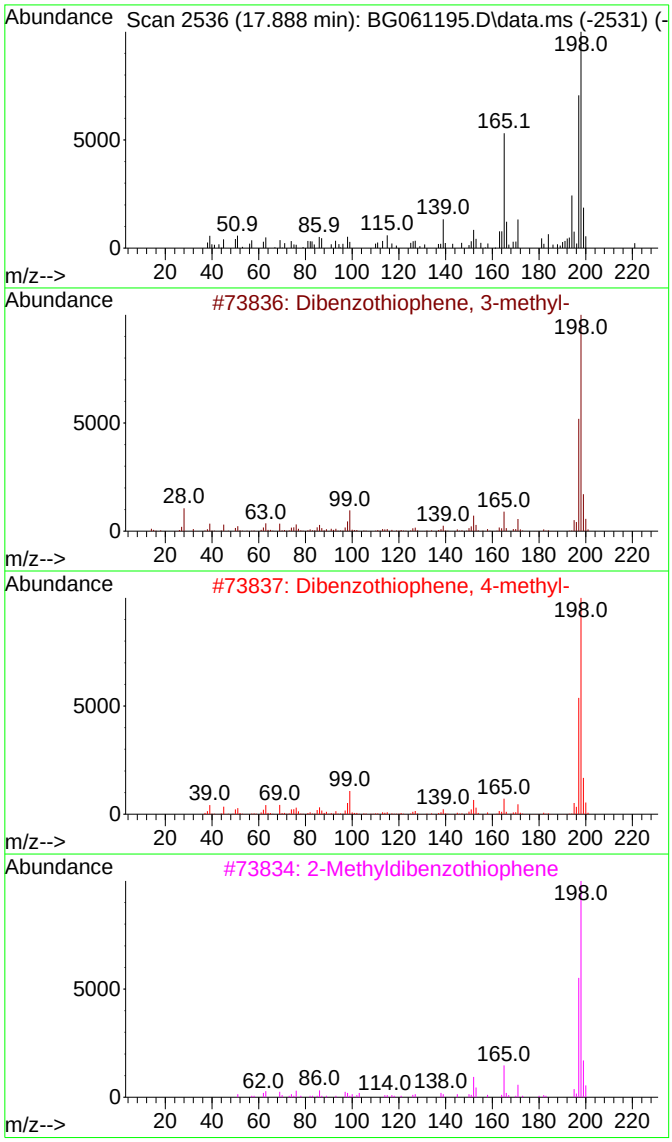
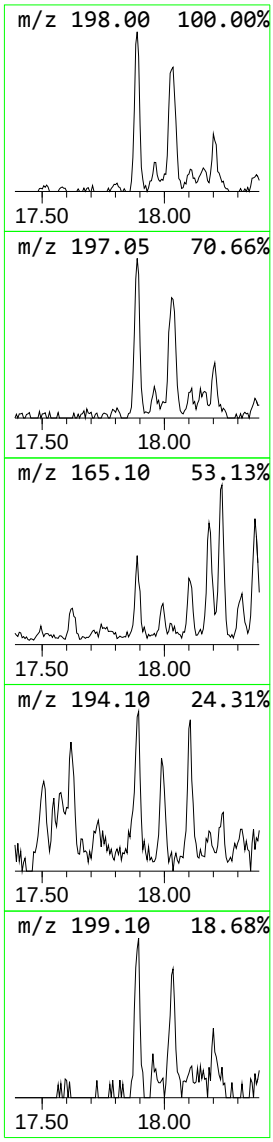
Peak Number 7 Dibenzothiophene, 3-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.888	4.21 ng	86560	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	60
2	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	60
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	58
4	Pyridine, 4-(4-dimethylaminophen...	198	C13H14N2	001137-80-0	55
5	Methanethione, diphenyl-	198	C13H10S	001450-31-3	53





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Sample : P2466-01 2X
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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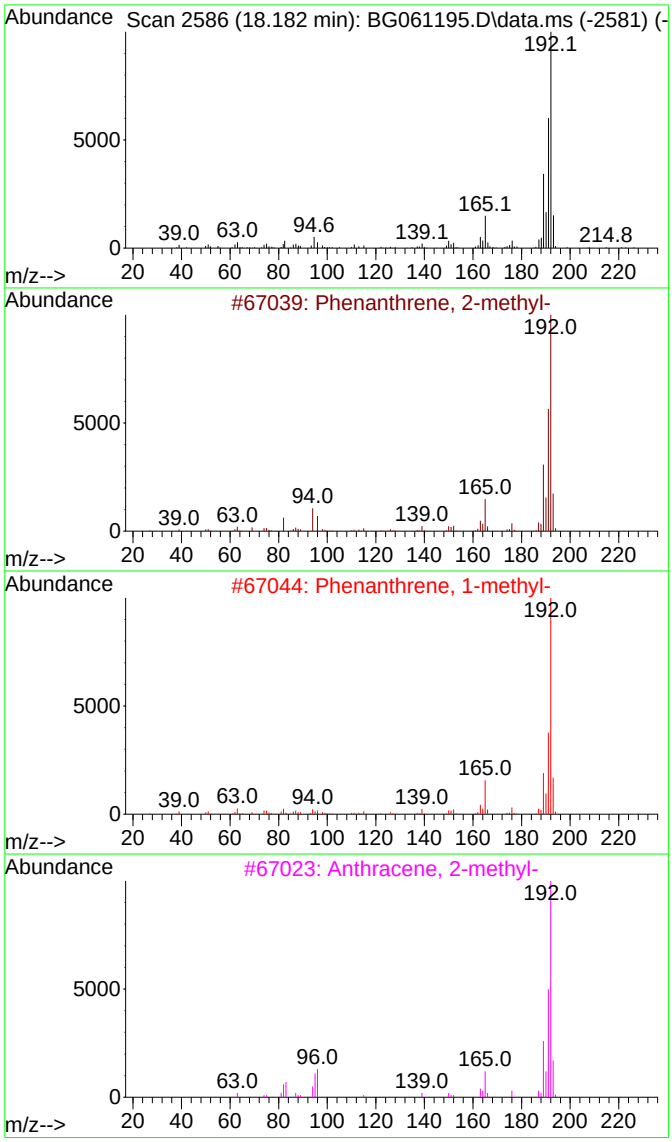
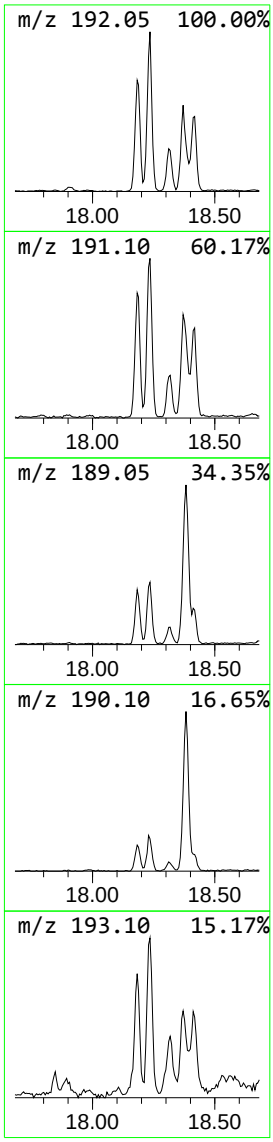
Peak Number 8 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.182	12.70 ng	261040	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-051324

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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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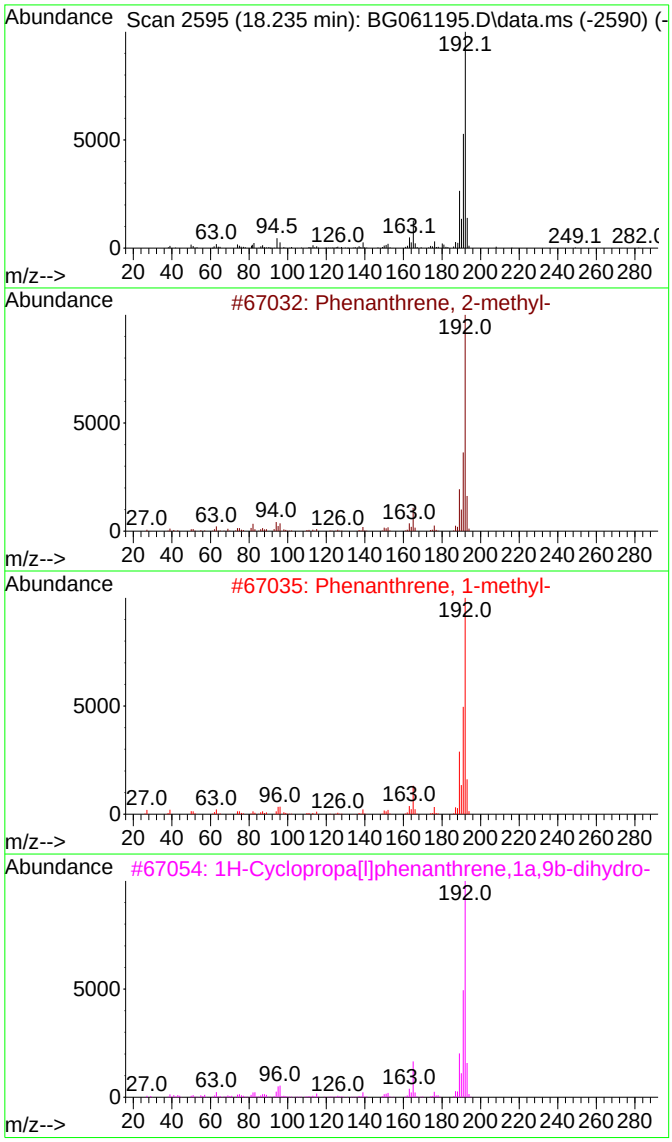
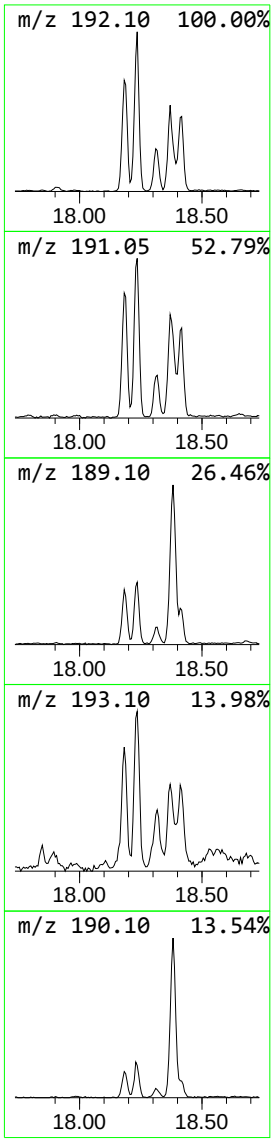
Peak Number 9 Phenanthrene, 1-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.235	16.00 ng	329018	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91





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Sample : P2466-01 2X
Misc :
ALS Vial : 14 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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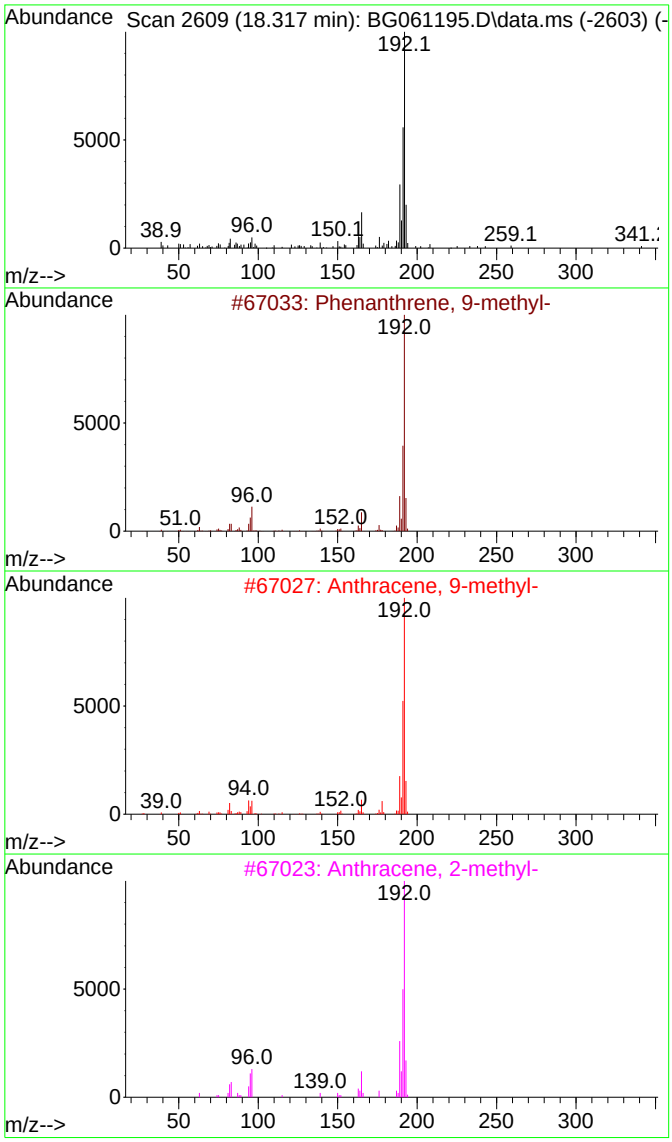
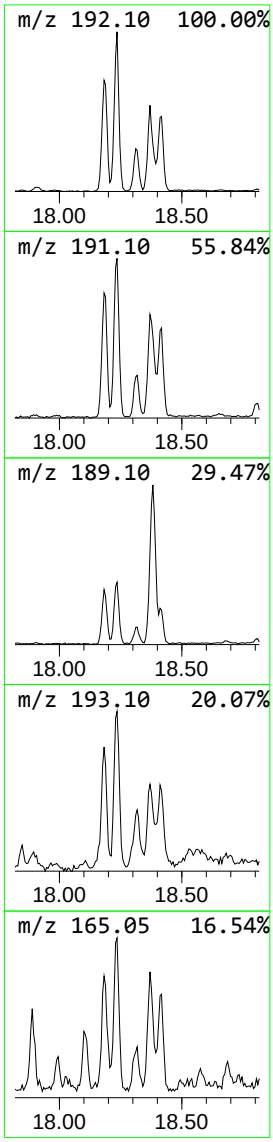
Peak Number 10 Phenanthrene, 9-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.317	4.69 ng	96495	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 9-methyl-	192	C15H12	000883-20-5	94
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93





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Sample : P2466-01 2X
Misc :
ALS Vial : 14 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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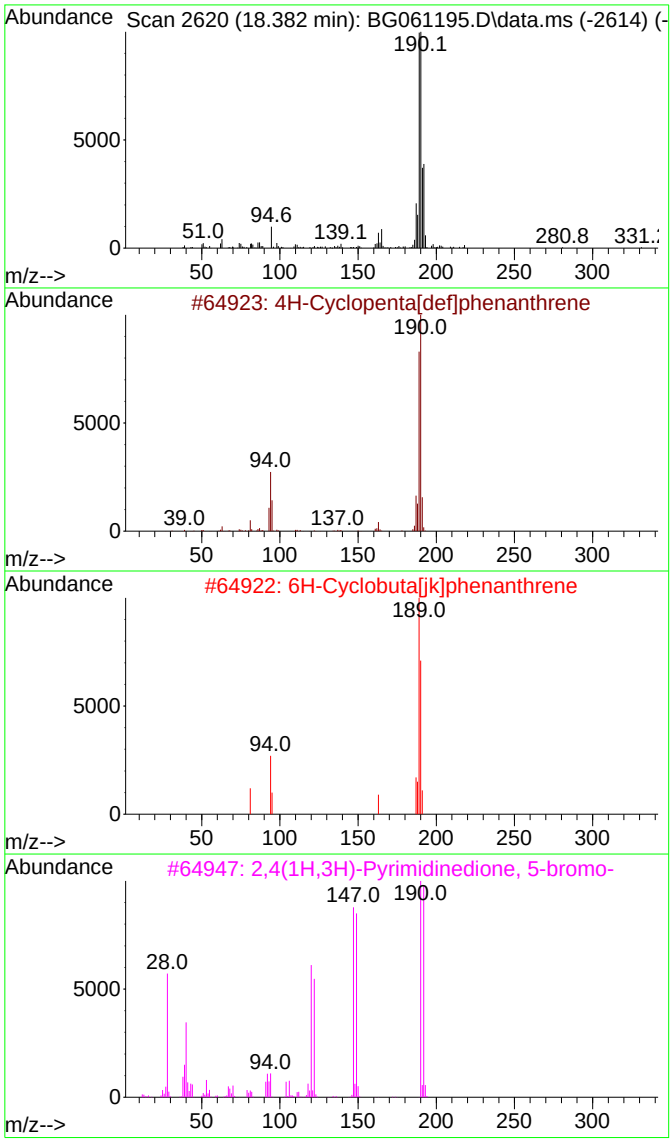
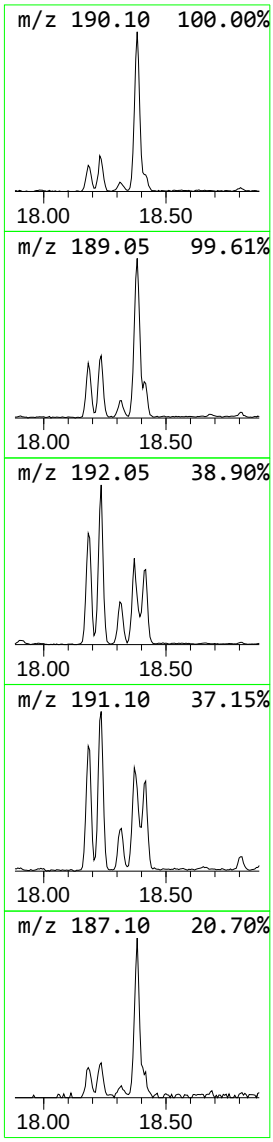
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.382	19.34 ng	397649	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	38
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	38
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	32





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Misc :
ALS Vial : 14 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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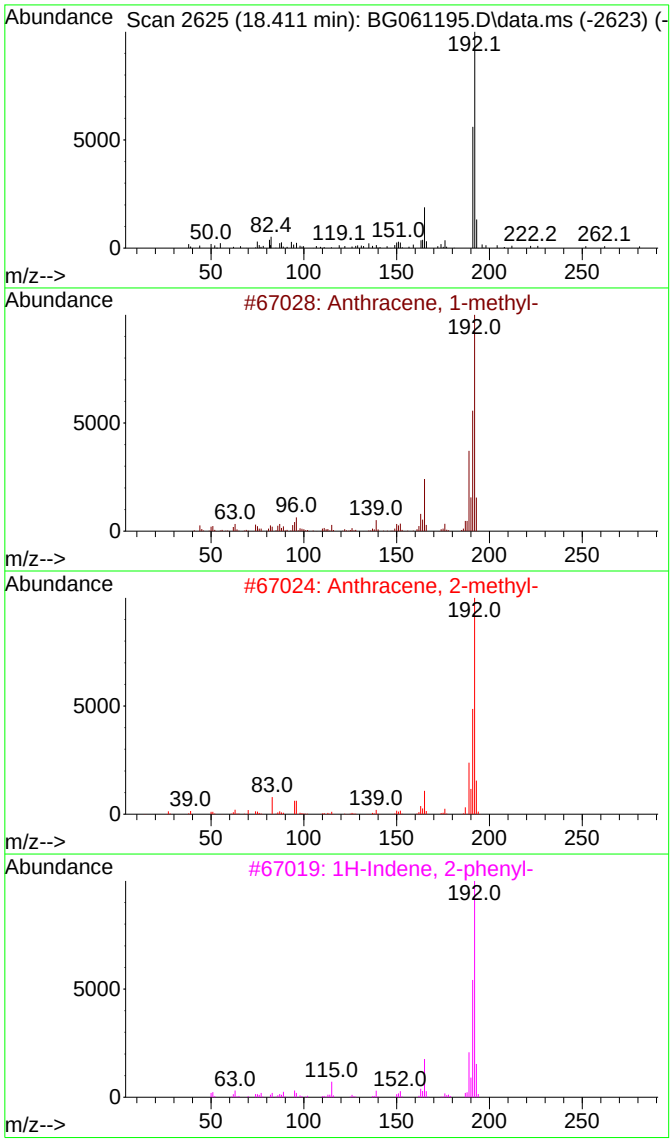
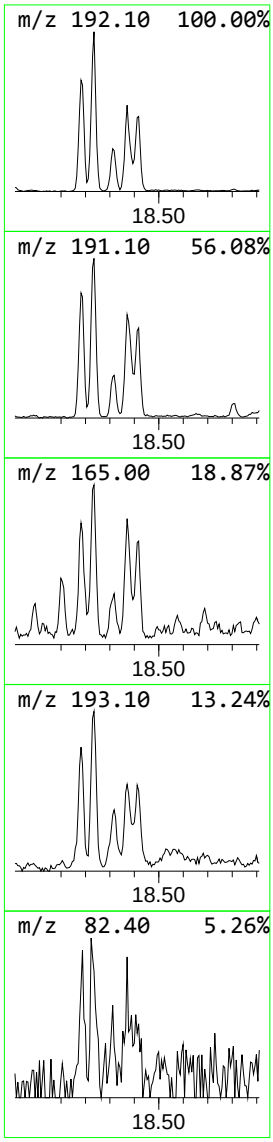
Peak Number 12 Anthracene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.411	7.22 ng	148420	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	90
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87





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Sample : P2466-01 2X
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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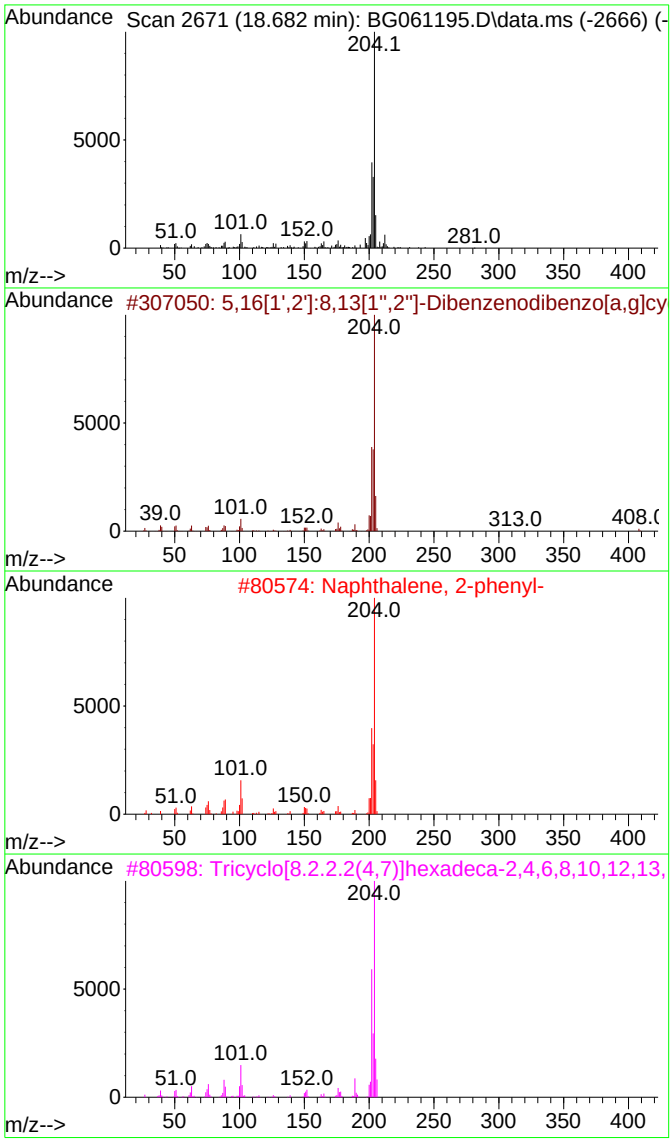
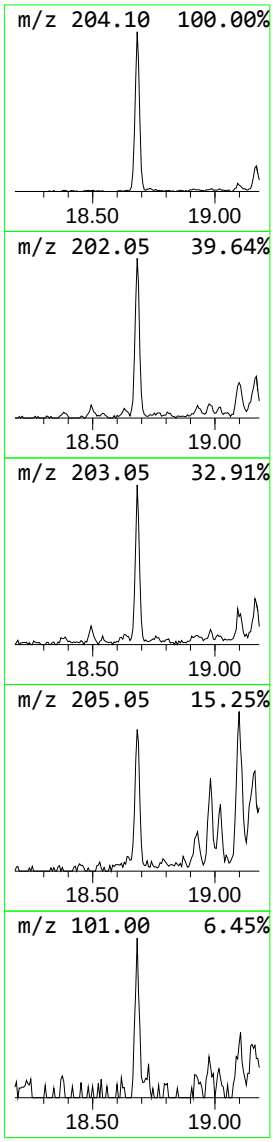
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.682	9.02 ng	185442	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	43
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43





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Sample : P2466-01 2X
Misc :
ALS Vial : 14 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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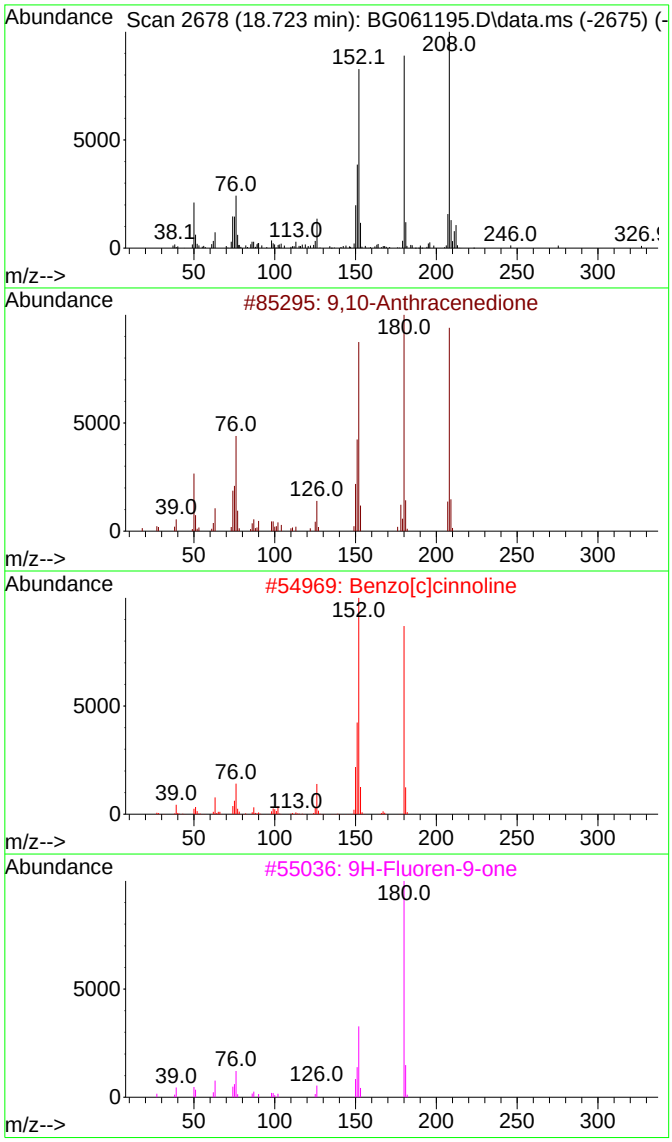
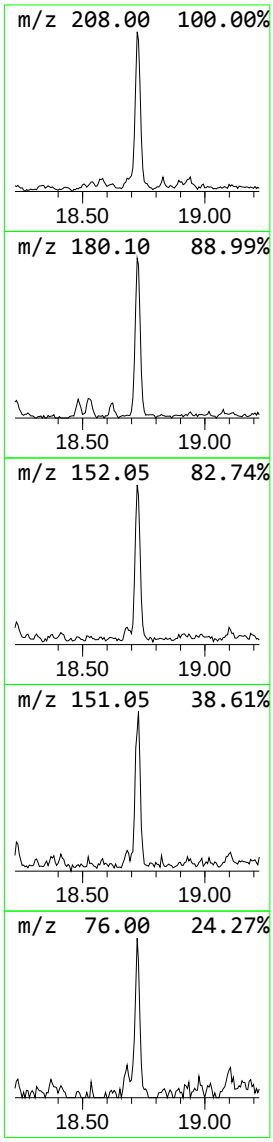
Peak Number 14 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.723	9.70 ng	199504	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	83
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	83
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	49





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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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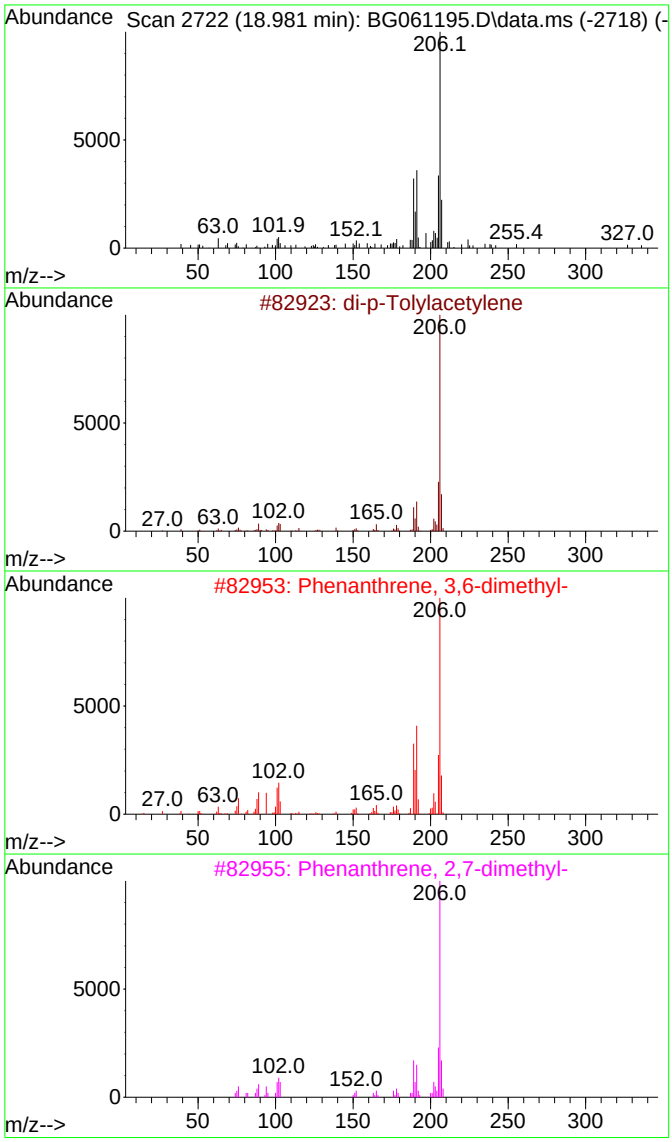
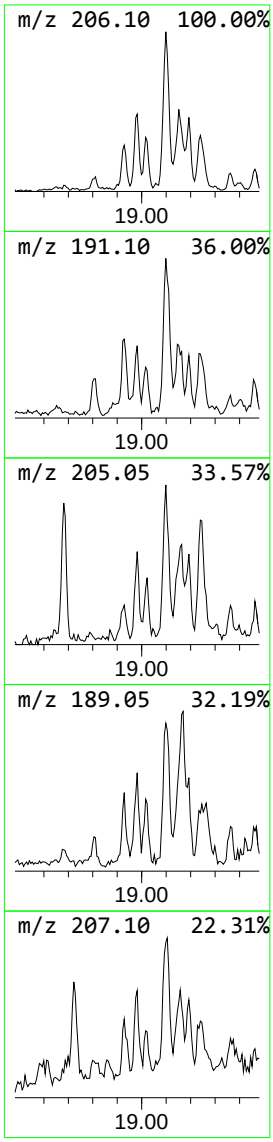
Peak Number 15 di-p-Tolylacetylene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.981	3.74 ng	76852	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	86
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	78
5	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	74





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Misc :
ALS Vial : 14 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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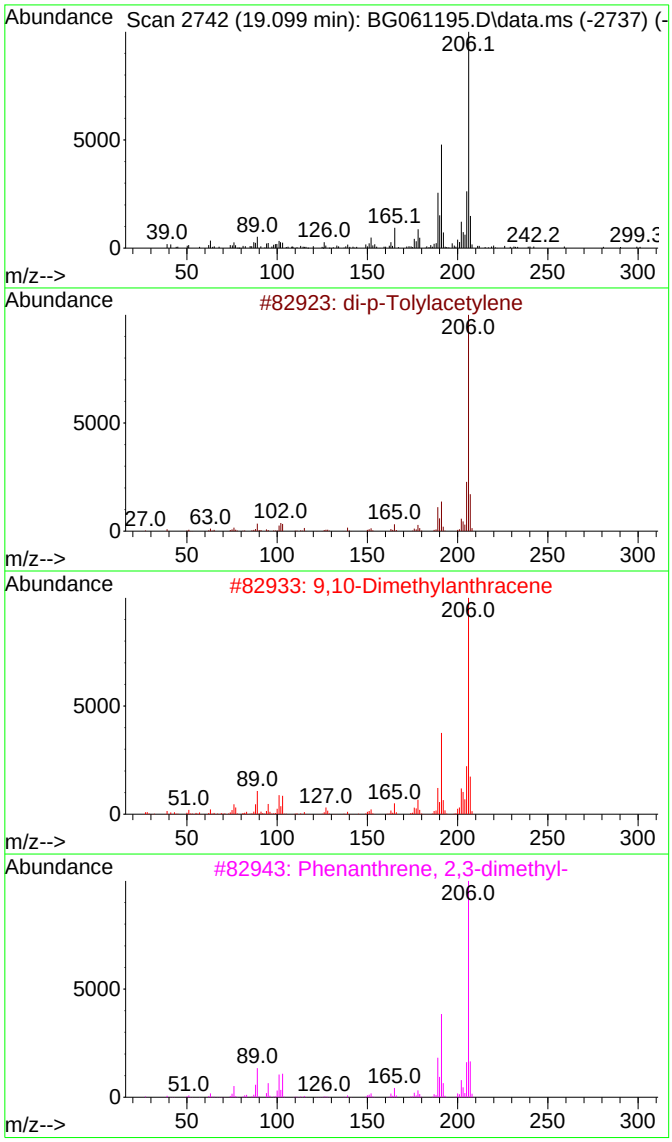
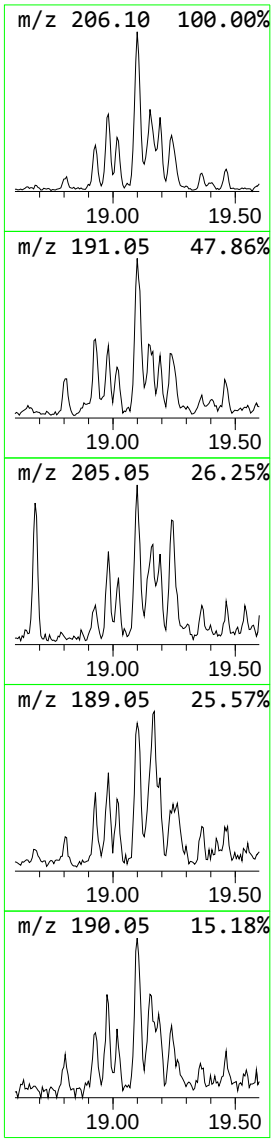
Peak Number 16 9,10-Dimethylanthracene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.099	9.75 ng	200376	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81





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Misc :
ALS Vial : 14 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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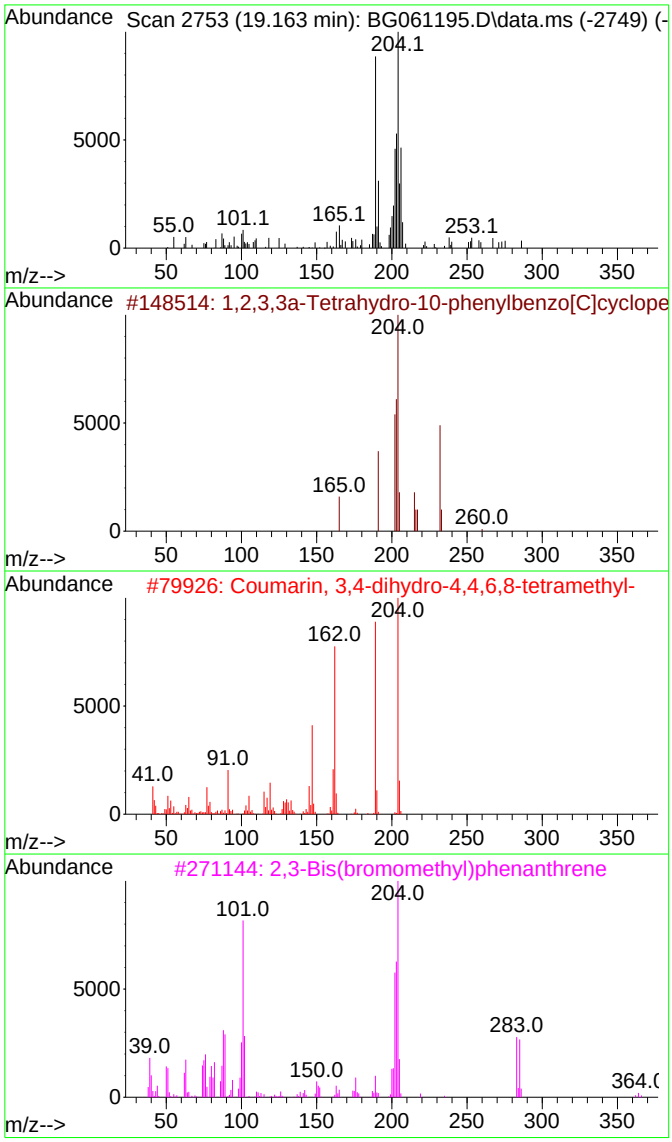
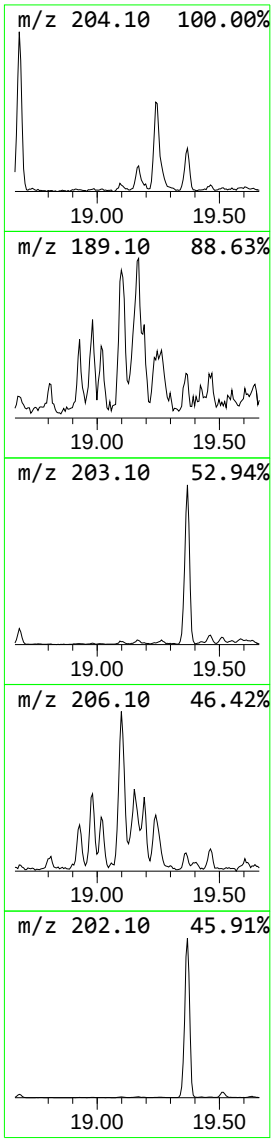
Peak Number 17 unknown19.163 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.163	4.39 ng	90219	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,2,3,3a-Tetrahydro-10-phenylben...	260	C18H16N2	028749-06-6	43
2	Coumarin, 3,4-dihydro-4,4,6,8-te...	204	C13H16O2	249629-60-5	38
3	2,3-Bis(bromomethyl)phenanthrene	362	C16H12Br2	1000261-29-6	37
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	32
5	Acephenanthrylene, 4,5-dihydro-	204	C16H12	006232-48-0	30





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Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

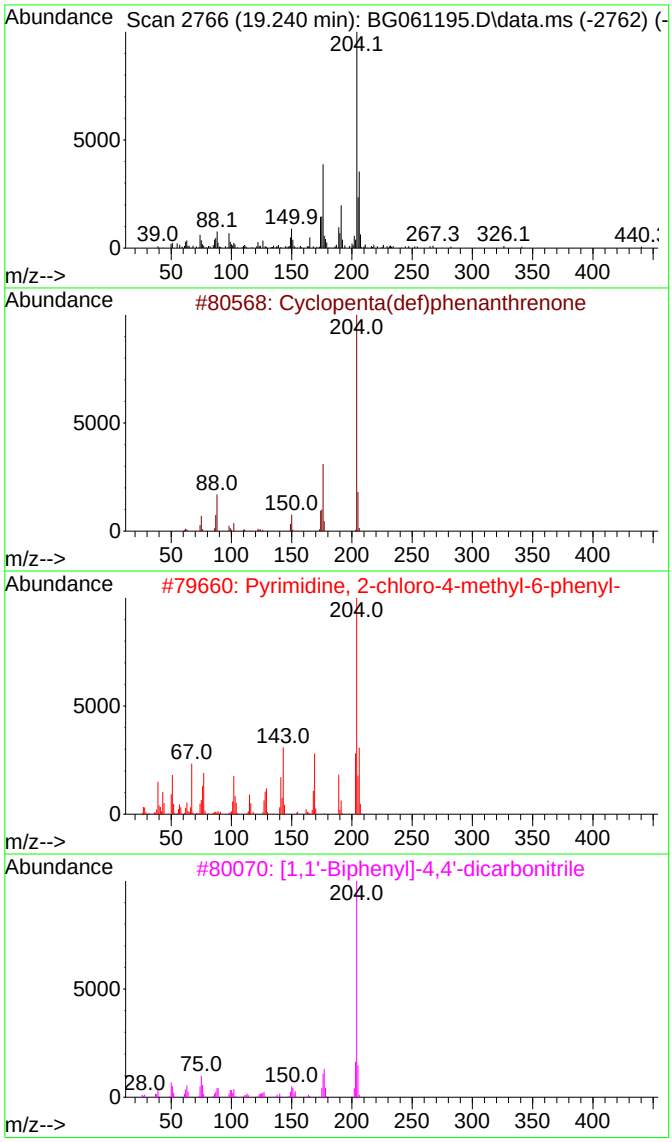
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

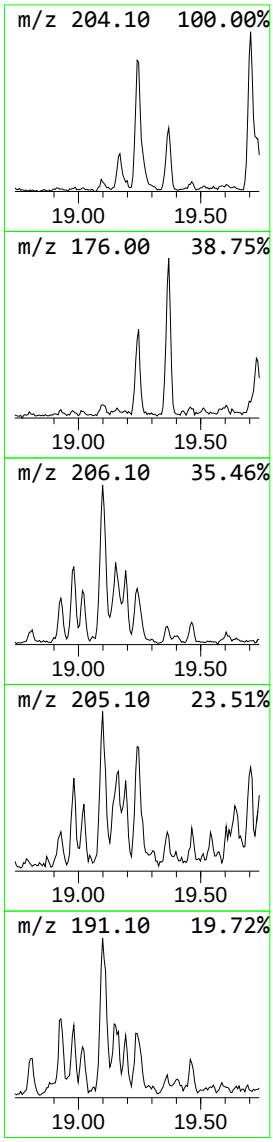
****

Peak Number 18 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.240	8.48 ng	174399	Phenanthrene-d10	17.307

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
2	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	46
3	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	46
4	1-(4-Methoxyphenyl)-5-methyl-2,3...	204	C11H12N2O2	014058-90-3	43
5	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	43





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

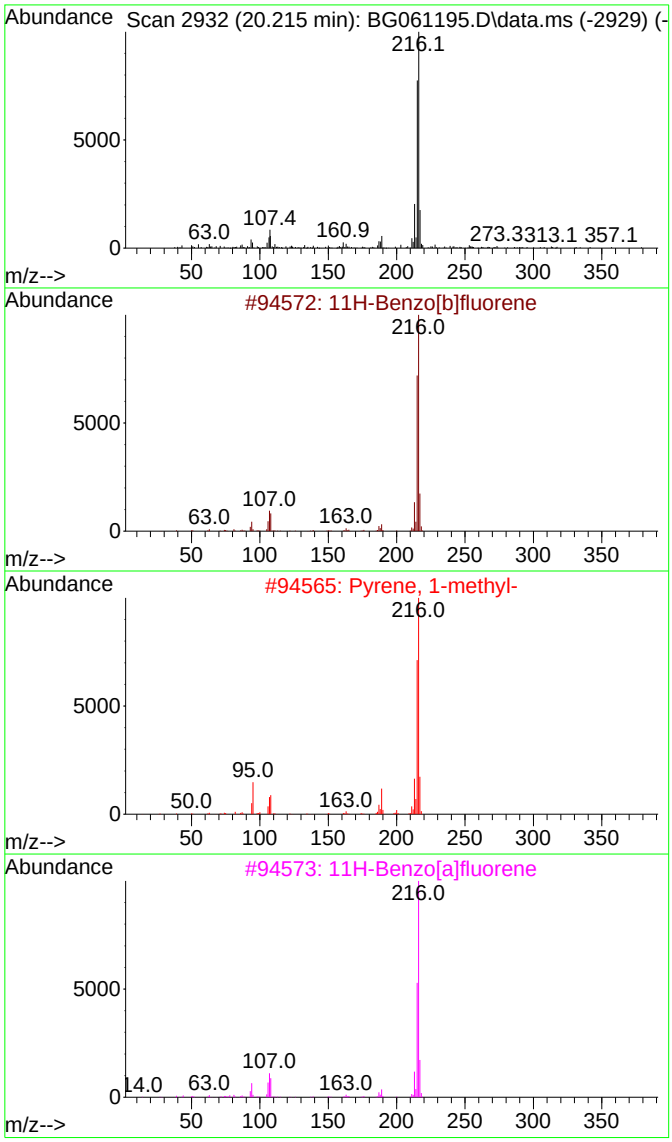
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

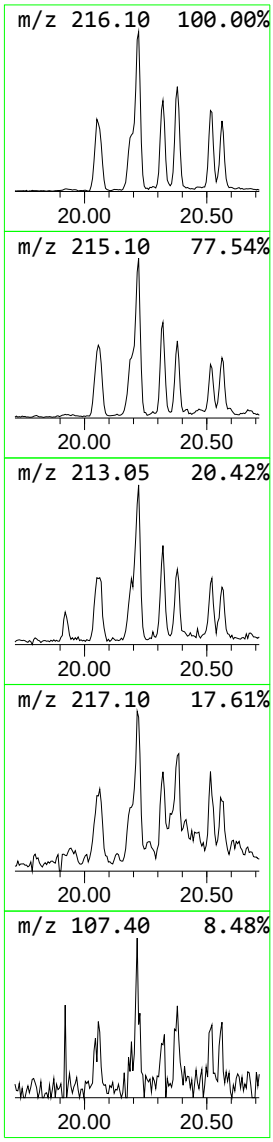
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	3.38 ng	295026	Chrysene-d12	21.566

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

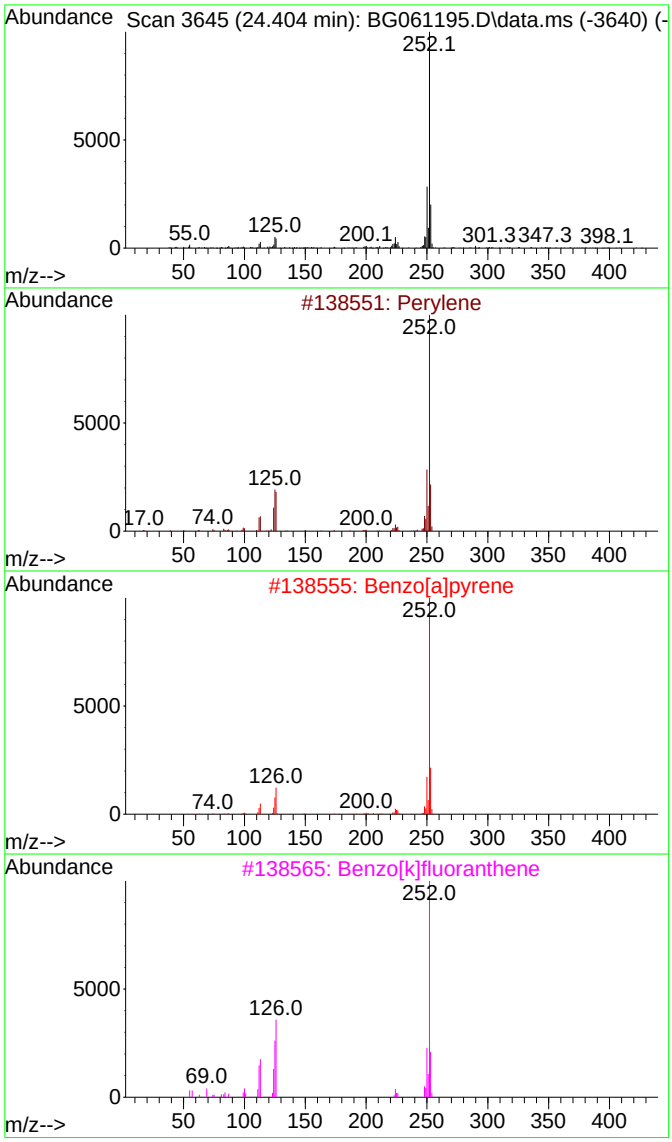
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

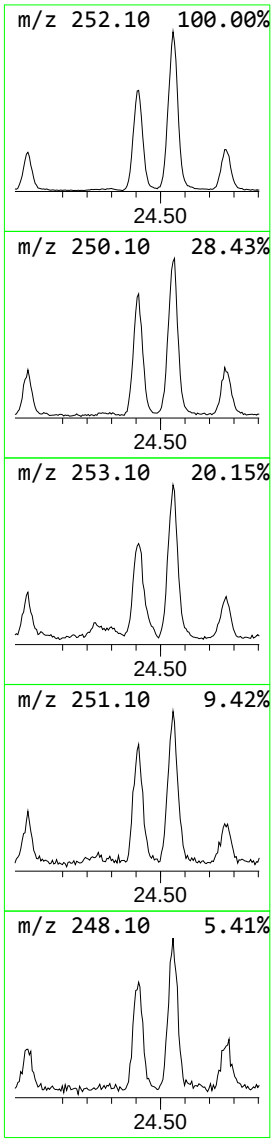
****

Peak Number 20 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.404	47.86 ng	625266	Perylene-d12	24.698

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	89
2	Benzo[a]pyrene	252	C20H12	000050-32-8	81
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	81
4	Benzo[e]pyrene	252	C20H12	000192-97-2	81
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	76





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG051424\
Data File : BG061195.D
Acq On : 14 May 2024 18:38
Operator : MA/JU
Sample : P2466-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-051324

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG043024.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
Butane, 2-metho...	3.153	23.7	ng	247201	1	7.929	208939	20.0
9H-Fluoren-9-ol	15.903	3.5	ng	66334	3	14.557	373985	20.0
9H-Fluorene, 9-...	16.613	3.3	ng	68500	4	17.307	411200	20.0
9H-Fluoren-9-one	16.960	5.3	ng	109106	4	17.307	411200	20.0
3-{Pyrazolo[1,5...	17.036	3.3	ng	68732	4	17.307	411200	20.0
Dibenzothiophene	17.125	6.0	ng	124204	4	17.307	411200	20.0
Dibenzothiophen...	17.888	4.2	ng	86560	4	17.307	411200	20.0
Phenanthrene, 2...	18.182	12.7	ng	261040	4	17.307	411200	20.0
Phenanthrene, 1...	18.235	16.0	ng	329018	4	17.307	411200	20.0
Phenanthrene, 9...	18.317	4.7	ng	96495	4	17.307	411200	20.0
4H-Cyclopenta[d...	18.382	19.3	ng	397649	4	17.307	411200	20.0
Anthracene, 1-m...	18.411	7.2	ng	148420	4	17.307	411200	20.0
5,16[1',2']:8,1...	18.682	9.0	ng	185442	4	17.307	411200	20.0
9,10-Anthracene...	18.723	9.7	ng	199504	4	17.307	411200	20.0
di-p-Tolylacety...	18.981	3.7	ng	76852	4	17.307	411200	20.0
9,10-Dimethylan...	19.099	9.8	ng	200376	4	17.307	411200	20.0
unknown19.163	19.163	4.4	ng	90219	4	17.307	411200	20.0
Cyclopenta(def)...	19.240	8.5	ng	174399	4	17.307	411200	20.0
11H-Benzo[b]flu...	20.215	3.4	ng	295026	5	21.566	1743700	20.0
Perylene	24.404	47.9	ng	625266	6	24.698	261310	20.0