LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060728.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	3.106	14	20	27	rVV3	33718	73289	1.36%	0.152%
2	3.176	28	32	45	rVB	105569	167233	3.11%	0.348%
3	5.538	427	434	442	rBV	243823	385505	7.18%	0.802%
4	7.113	694	702	712	rBV	290419	474385	8.83%	0.987%
5	7.959	838	846	853	rBV	268713	442655	8.24%	0.921%
6	9.110	1032	1042	1051	rBV	159520	285713	5.32%	0.594%
7	10.532	1278	1284	1290	rBV	67812	110286	2.05%	0.229%
8	10.755	1312	1322	1327	rBV	395526	697717	12.99%	1.452%
9	10.802	1327	1330	1337	rVB	103795	169460	3.15%	0.353%
10	12.412	1597	1604	1612	rVB	78776	128798	2.40%	0.268%
11	12.630	1632	1641	1648	rVB2	76494	132250	2.46%	0.275%
12	13.211	1733	1740	1747	rVB	454313	679320	12.65%	1.413%
13	13.752	1826	1832	1834	rBV2	42729	74579	1.39%	0.155%
14	13.910	1851	1859	1864	rBV2	88180	161151	3.00%	0.335%
15	13.963	1864	1868	1874	rVB	54516	85557	1.59%	0.178%
16	14.146	1894	1899	1902	rBV2	41607	63221	1.18%	0.132%
17	14.304	1920	1926	1934	rBV2	55277	105947	1.97%	0.220%
18	14.586	1965	1974	1980	rBV	602852	965522	17.97%	2.009%
19	14.651	1980	1985	1992	rVB	246650	390510	7.27%	0.812%
20	14.804	2005	2011	2019	rBV6	24194	61475	1.14%	0.128%
21	14.986	2032	2042	2050	rVB	206641	354897	6.61%	0.738%
22	15.068	2050	2056	2060	rBV	42942	65370	1.22%	0.136%
23	15.203	2072	2079	2085	rBV4	38124	81292	1.51%	0.169%
24	15.262	2085	2089	2097	rVB2	35045	57373	1.07%	0.119%
25	15.379	2102	2109	2112	rBV5	29469	63585	1.18%	0.132%
26	15.632	2146	2152	2158	rBV2	459399	711298	13.24%	1.480%
27	15.797	2177	2180	2185	rVB4	45767	65909	1.23%	0.137%
28	15.932	2198	2203	2213	rVB	109115	173541	3.23%	0.361%
29	16.073	2214	2227	2236	rVV2	411739	763572	14.21%	1.589%
30	16.167	2236	2243	2247	rVB4	29701	55687	1.04%	0.116%
31	16.319	2262	2269	2273	rBV6	26474	56207	1.05%	0.117%
32	16.643	2313	2324	2329	rBV3	105001	262683	4.89%	0.547%
33	16.690	2329	2332	2337	rVB2	59014	82293	1.53%	0.171%
34	16.789	2345	2349	2354	rVB	56723	93991	1.75%	0.196%
35	16.913	2366	2370	2374	rVV2	41283	55393	1.03%	0.115%
36	16.983	2378	2382	2392	rVB3	55038	111138	2.07%	0.231%

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.066	2392	2396	2402	rBV	60695	126604	2.36%	0.263%
38	17.154	2403	2411	2420	rVB	165596	319169	5.94%	0.664%
39	17.336	2435	2442	2445	rBV	694290	1152338	21.45%	2.398%
40	17.377	2445	2449	2456	rVV	3073364	4528665	84.30%	9.422%
41	17.465	2456	2464	2470	rVV	767993	1194737	22.24%	2.486%
42	17.524	2470	2474	2480	rVB3	72139	128229	2.39%	0.267%
43	17.730	2499	2509	2514	rBV2	172394	337104	6.28%	0.701%
44	17.859	2527	2531	2537	rBV2	73779	116470	2.17%	0.242%
45	17.918	2537	2541	2547	rVB2	57134	95970	1.79%	0.200%
46	18.064	2561	2566	2572	rVB	44820	82285	1.53%	0.171%
47	18.211	2586	2591	2595	rBV	365679	550316	10.24%	1.145%
48	18.258	2595	2599	2607	rVB	484842	789874	14.70%	1.643%
49	18.341	2607	2613	2618	rBV	191215	302063	5.62%	0.628%
50	18.405	2618	2624	2628	rVV2	625980	1126801	20.98%	2.344%
51	18.440	2628	2630	2635	rVB2	240072	309308	5.76%	0.644%
52	18.711	2672	2676	2679	rBV	279119	390486	7.27%	0.812%
53	18.746	2679	2682	2687	rVB2	175090	248922	4.63%	0.518%
54	18.958	2715	2718	2723	rVB2	73763	88246	1.64%	0.184%
55	19.010	2723	2727	2730	rVV	83723	116341	2.17%	0.242%
56	19.046	2730	2733	2737	rVB	71572	101167	1.88%	0.210%
57	19.128	2742	2747	2752	rBV	195211	351421	6.54%	0.731%
58	19.187	2752	2757	2761	rBV2	132314	239761	4.46%	0.499%
59	19.263	2767	2770	2780	rBV4	104912	203777	3.79%	0.424%
60	19.392	2786	2792	2798	rBV	3604158	5233446	97.42%	10.889%
61	19.457	2801	2803	2806	rBV2	46803	55018	1.02%	0.114%
62	19.533	2814	2816	2820	rVB	64306	77389	1.44%	0.161%
63	19.627	2829	2832	2837	rVB	104085	136274	2.54%	0.284%
64	19.751	2843	2853	2861	rBV2	3070257	5371906	100.00%	11.177%
65	19.821	2862	2865	2874	rVB2	144032	249085	4.64%	0.518%
66	19.927	2879	2883	2885	rBV	186959	262436	4.89%	0.546%
67	19.956	2885	2888	2892	rVB	603037	704025	13.11%	1.465%
68	20.080	2903	2909	2915	rBV3	190797	519988	9.68%	1.082%
69	20.209	2927	2931	2933	rBV2	159132	242571	4.52%	0.505%
70	20.244	2934	2937	2942	rVB	602651	791218	14.73%	1.646%
71	20.344	2950	2954	2958	rBV	531754	691700	12.88%	1.439%
72	20.403	2960	2964	2968	rVB2	292670	440242	8.20%	0.916%
73	20.538	2984	2987	2991	rBV	155860	198209	3.69%	0.412%
74	20.585	2992	2995	3000	rVB	168789	231412	4.31%	0.481%
75	21.184	3094	3097	3101	rVB	148909	173871	3.24%	0.362%
76	21.225	3101	3104	3108	rVB	188986	231082	4.30%	0.481%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

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-BG032924.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.272	3108	3112	3117	rBV2	173063	334159	6.22%	0.695%
78	21.584	3159	3165	3171	rBV2	1650324	3655097	68.04%	7.605%
79	21.643	3171	3175	3185	rVB	1245035	2166077	40.32%	4.507%
80	21.789	3197	3200	3205	rVB2	186885	270159	5.03%	0.562%
81	23.758	3527	3535	3542	rBV2	590092	2091142	38.93%	4.351%
82	24.451	3648	3653	3666	rVB	323340	920434	17.13%	1.915%
83	24.592	3671	3677	3690	rVB	487735	1407829	26.21%	2.929%

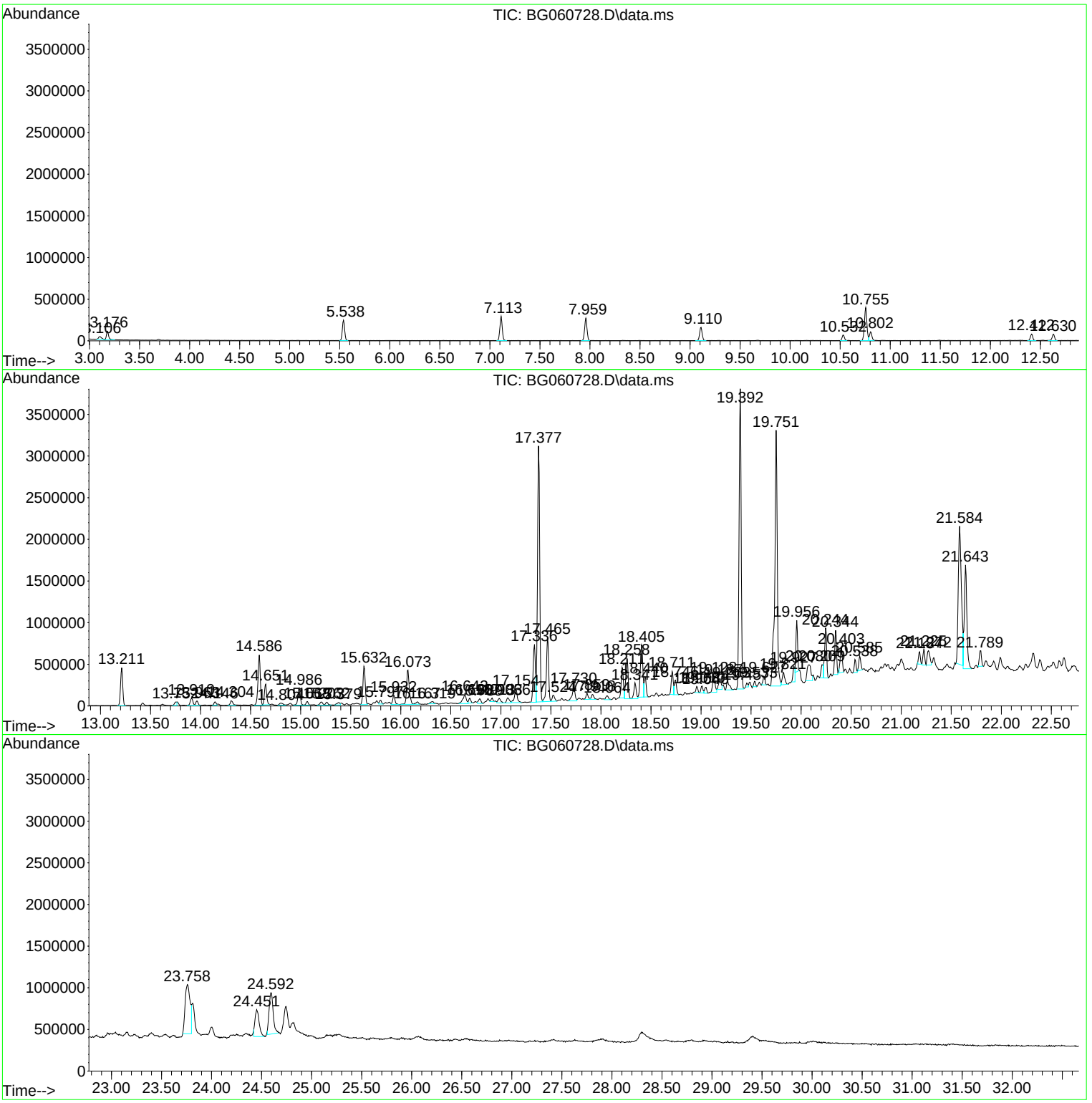
Sum of corrected areas: 48063625

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

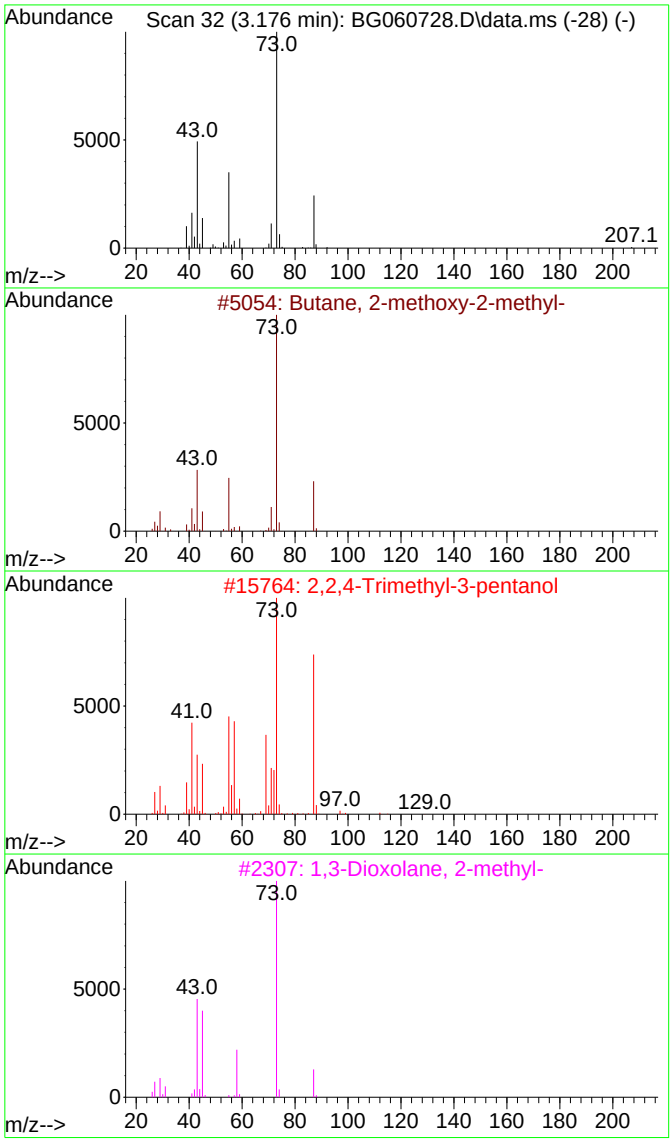
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

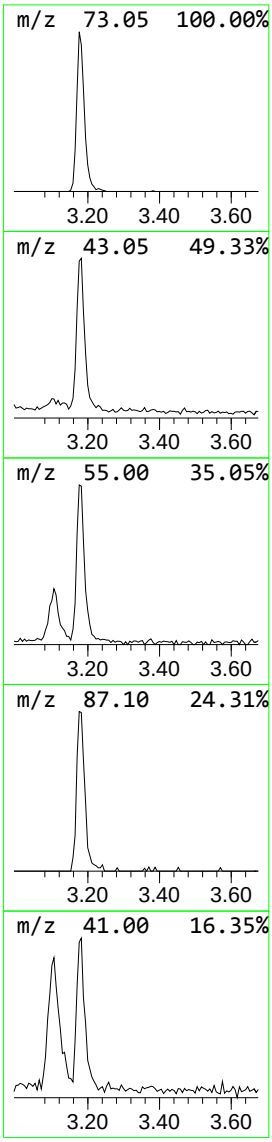
****

Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.176	7.56 ng	167233	1,4-Dichlorobenzene-d4	7.959

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9
4	1,3-Dioxolane, 2-propyl-	116	C6H12O2	003390-13-4	9
5	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

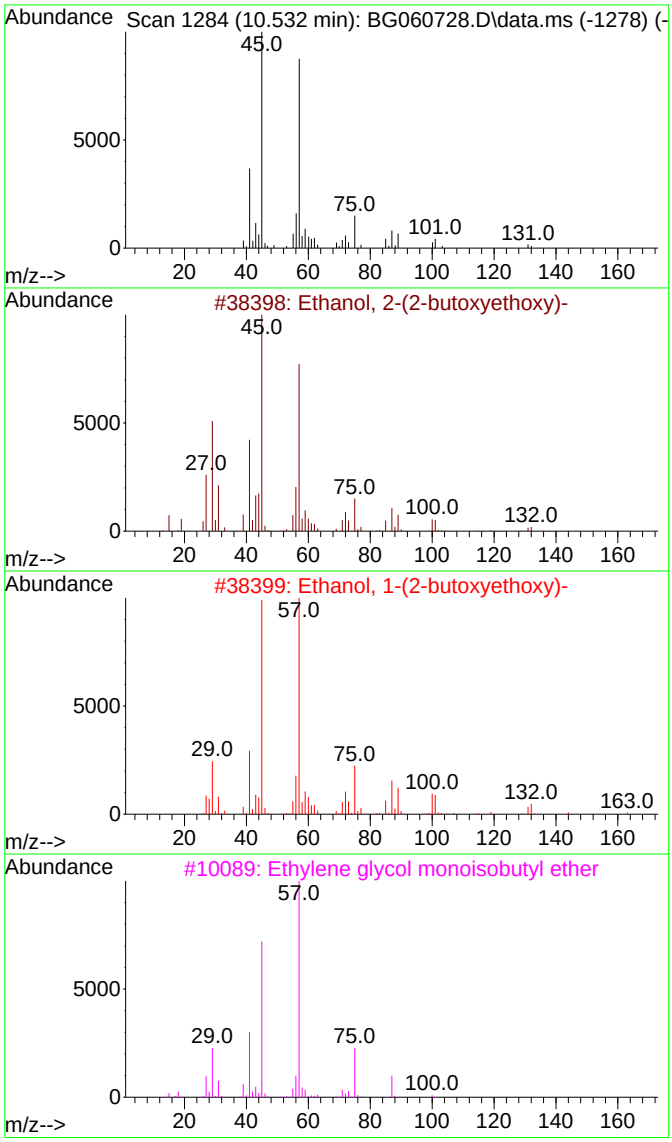
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

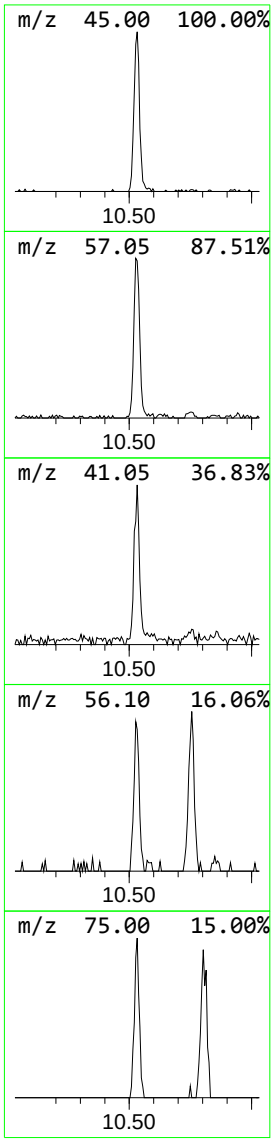
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.532	3.16 ng	110286	Naphthalene-d8	10.755

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	78
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	78
3	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	59
4	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	53
5	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

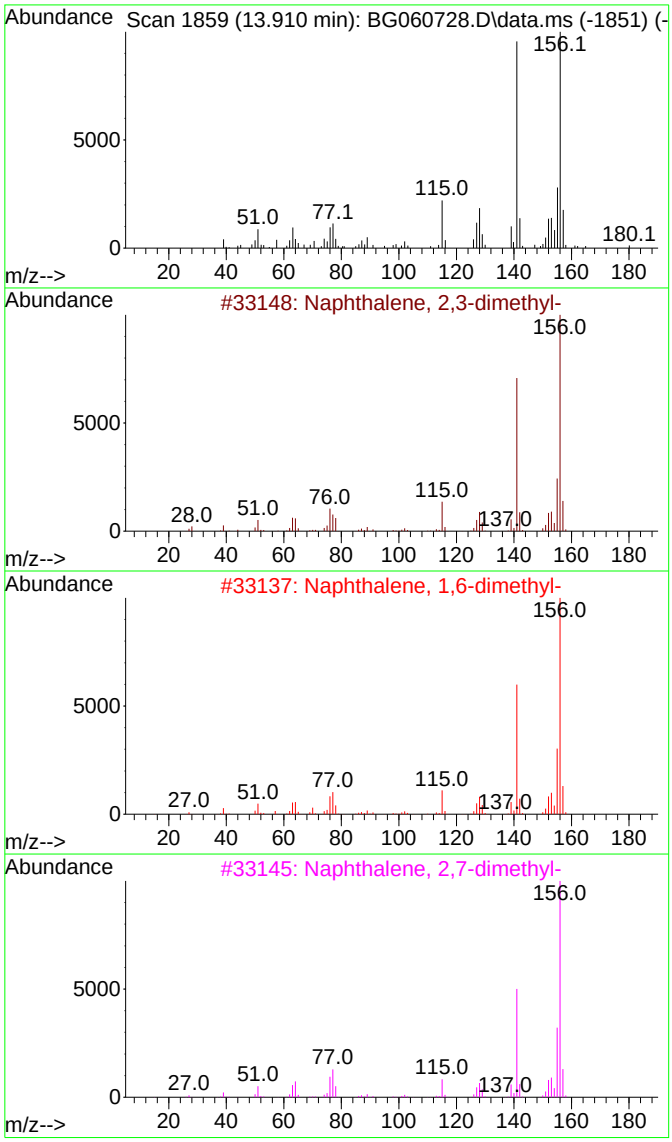
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

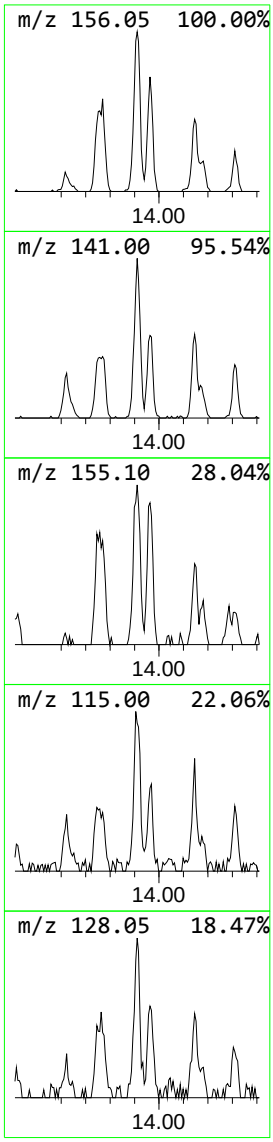
****

Peak Number 4 Naphthalene, 2,3-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.911	3.34 ng	161151	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
2	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
3	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	96
4	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	96
5	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

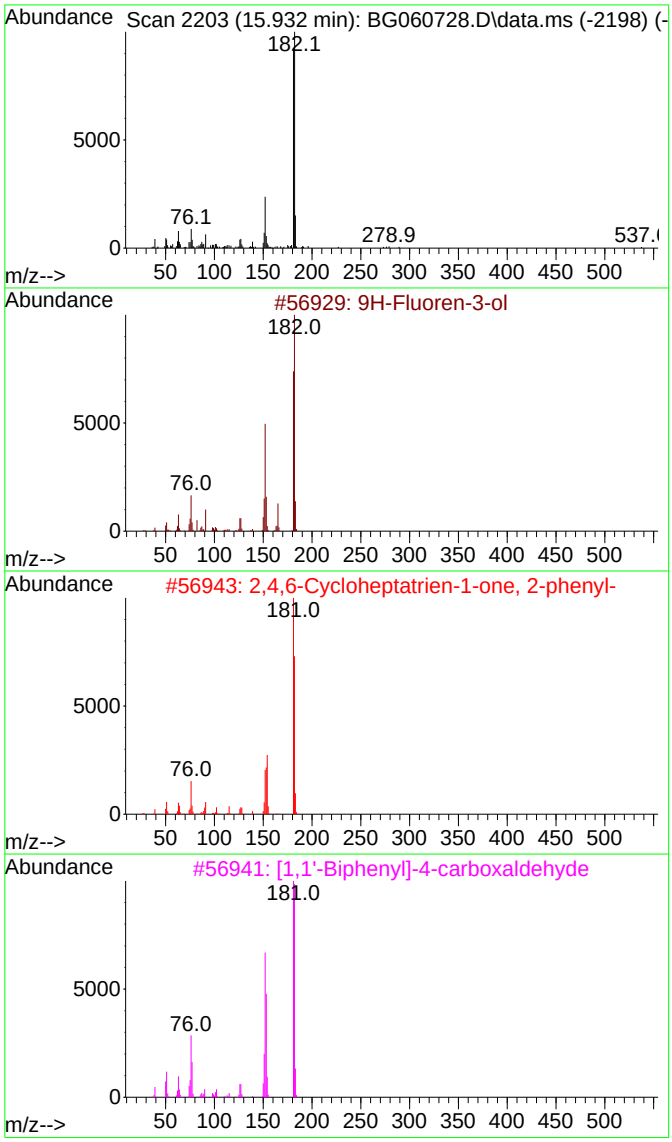
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

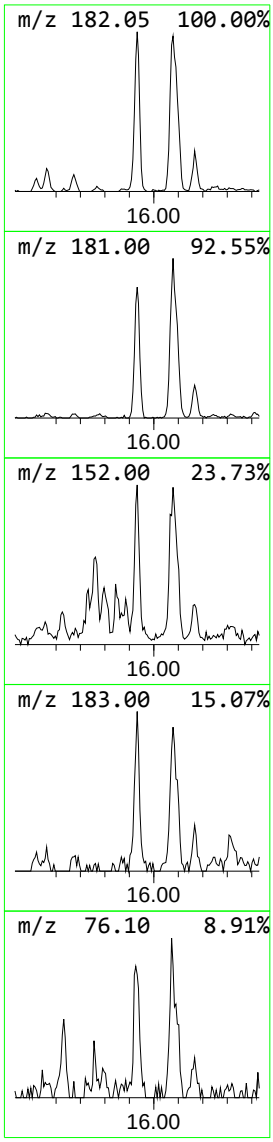
****

Peak Number 5 9H-Fluoren-3-ol Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.932	3.59 ng	173541	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	90
2	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	90
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	87
4	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	87
5	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

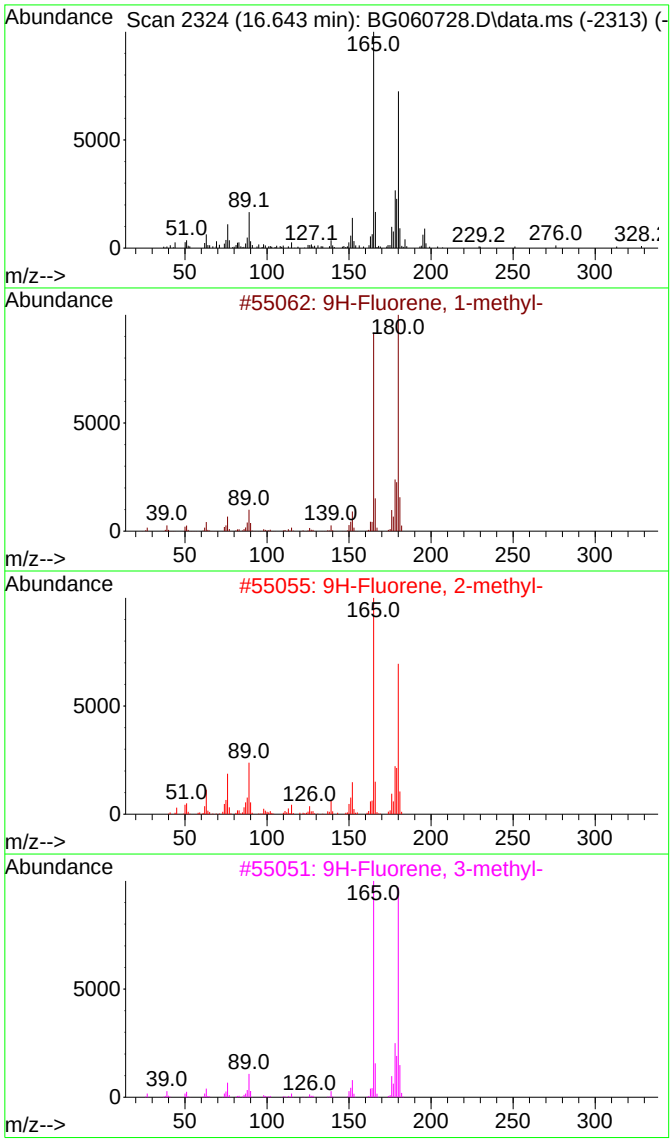
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

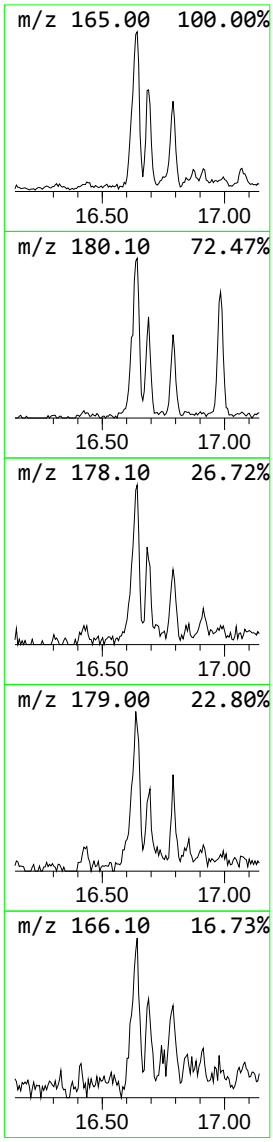
****

Peak Number 6 9H-Fluorene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.643	4.56 ng	262683	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	90
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	89
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	76
5	4a,9a-Methano-9H-fluorene	180	C14H12	019540-84-2	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

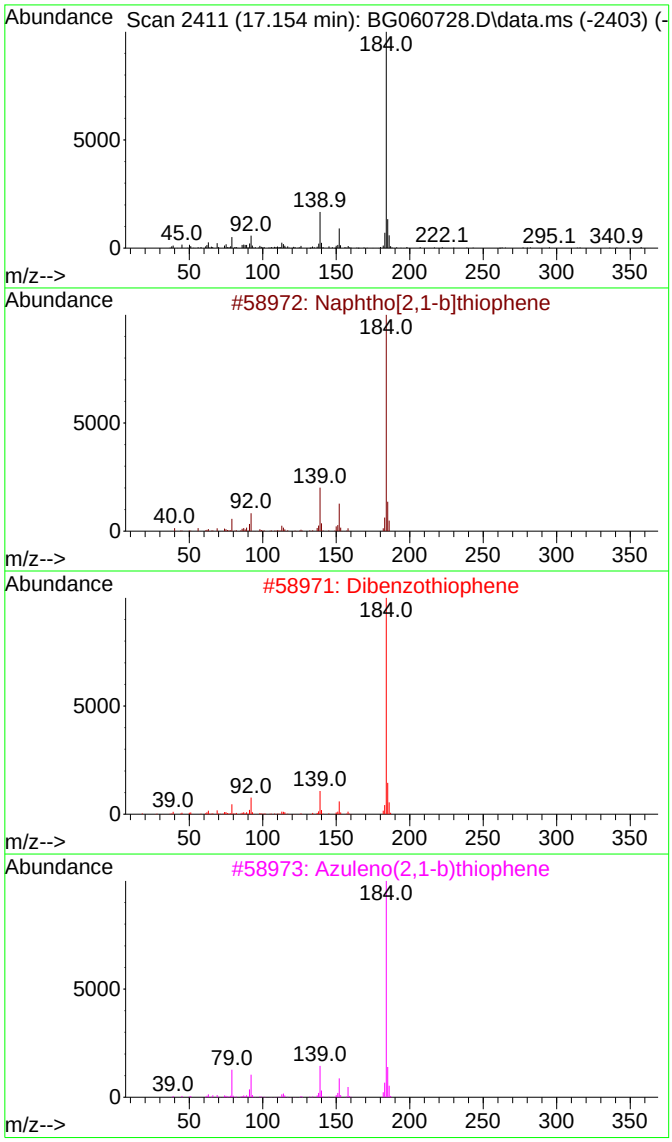
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

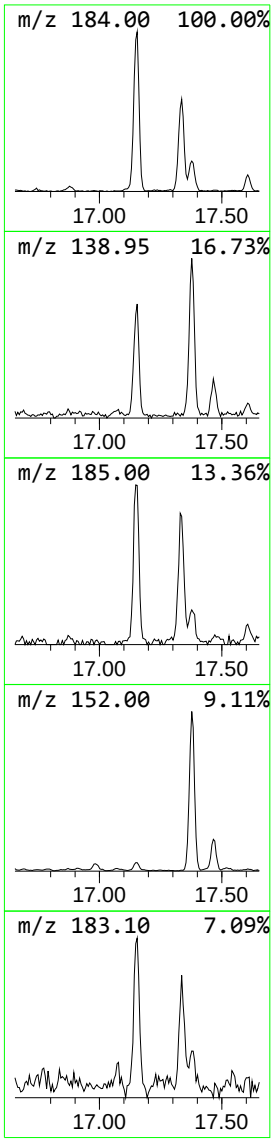
****

Peak Number 7 Naphtho[2,1-b]thiophene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.154	5.54 ng	319169	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
2	Dibenzothiophene	184	C12H8S	000132-65-0	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	87
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	86
5	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	86





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Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

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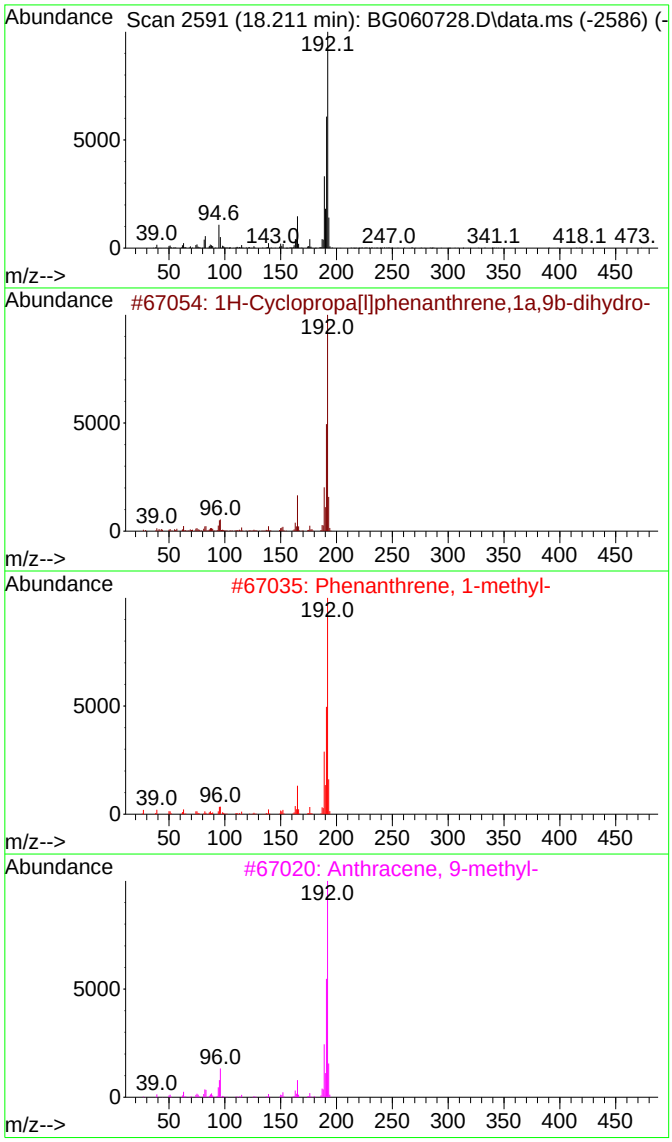
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

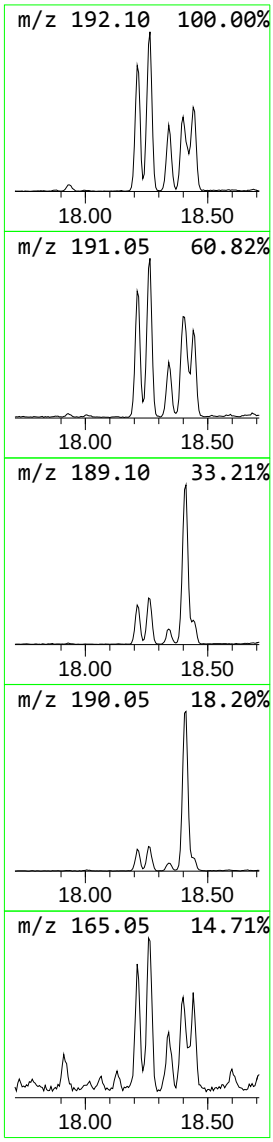
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.211	9.55 ng	550316	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	89
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87





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Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

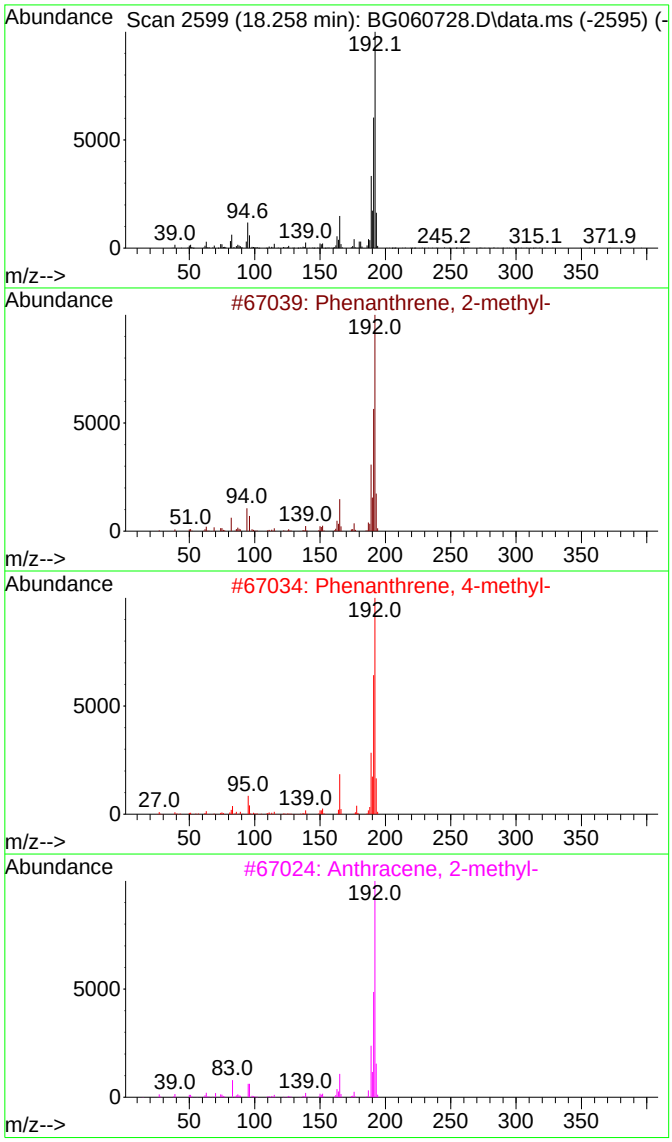
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

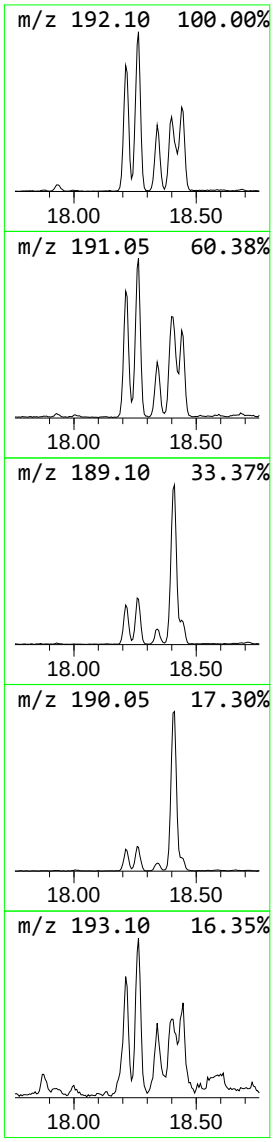
****

Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.258	13.71 ng	789874	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-02-032924

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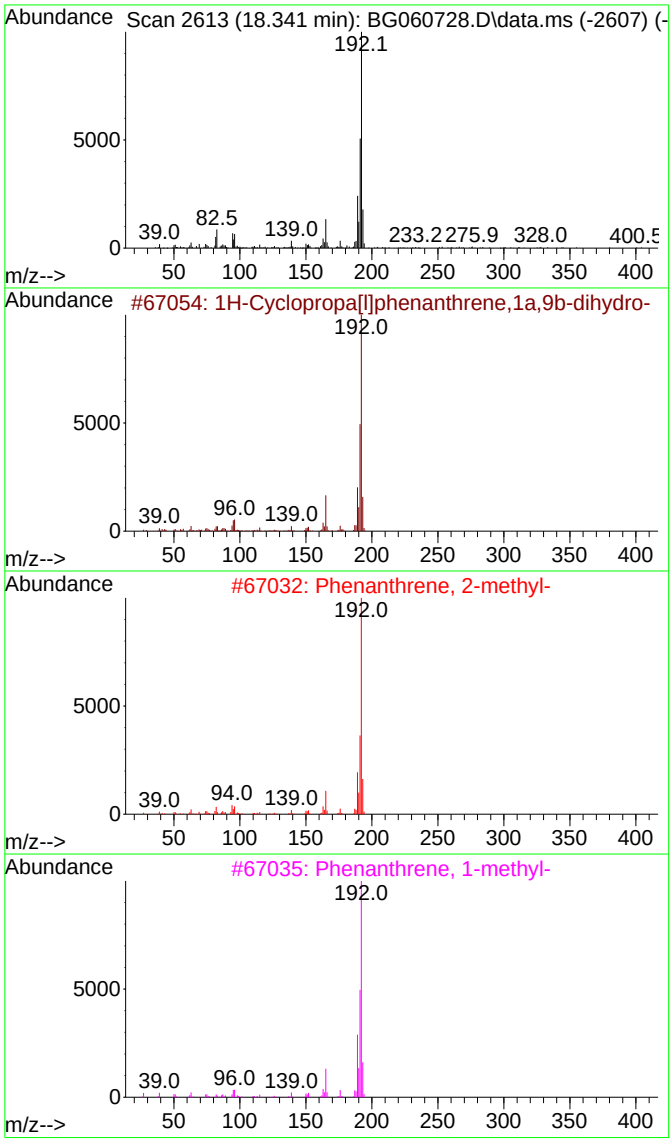
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

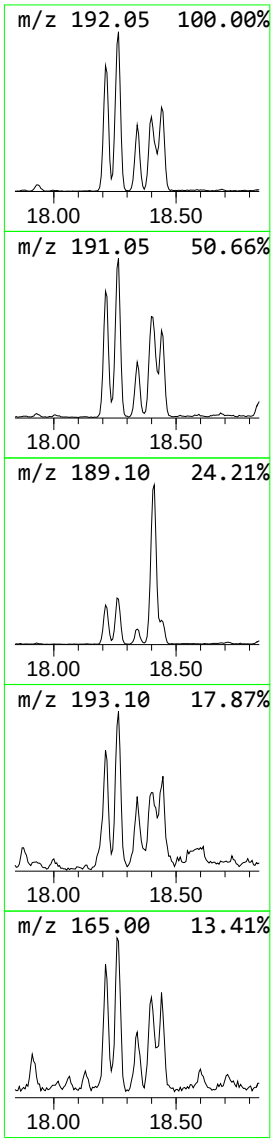
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.341	5.24 ng	302063	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	96
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	95





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Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

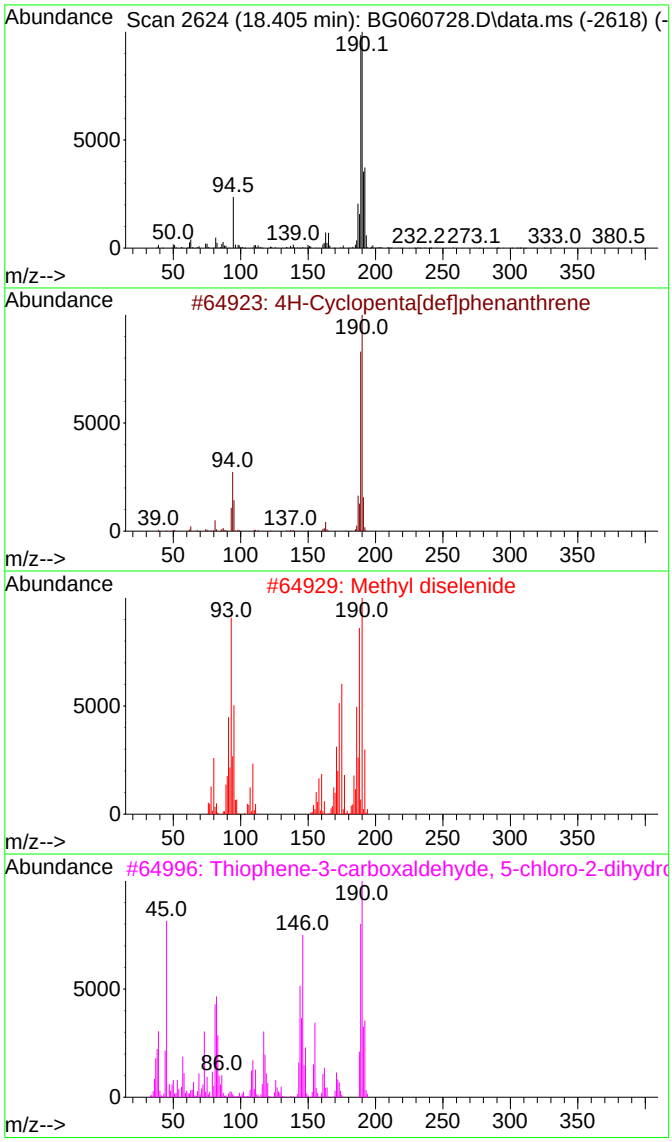
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

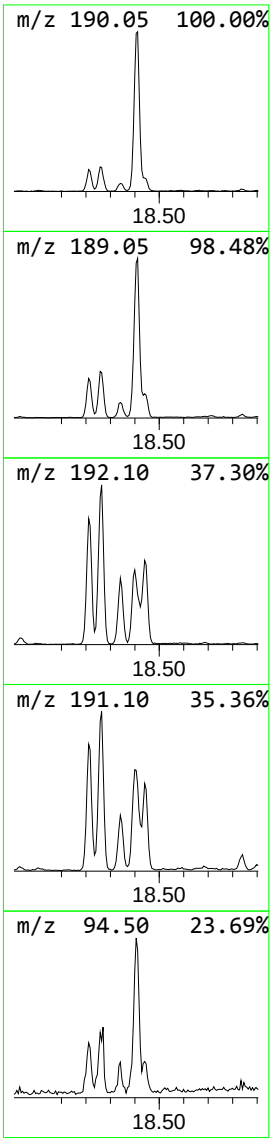
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.405	19.56 ng	1126800	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	53
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45





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Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
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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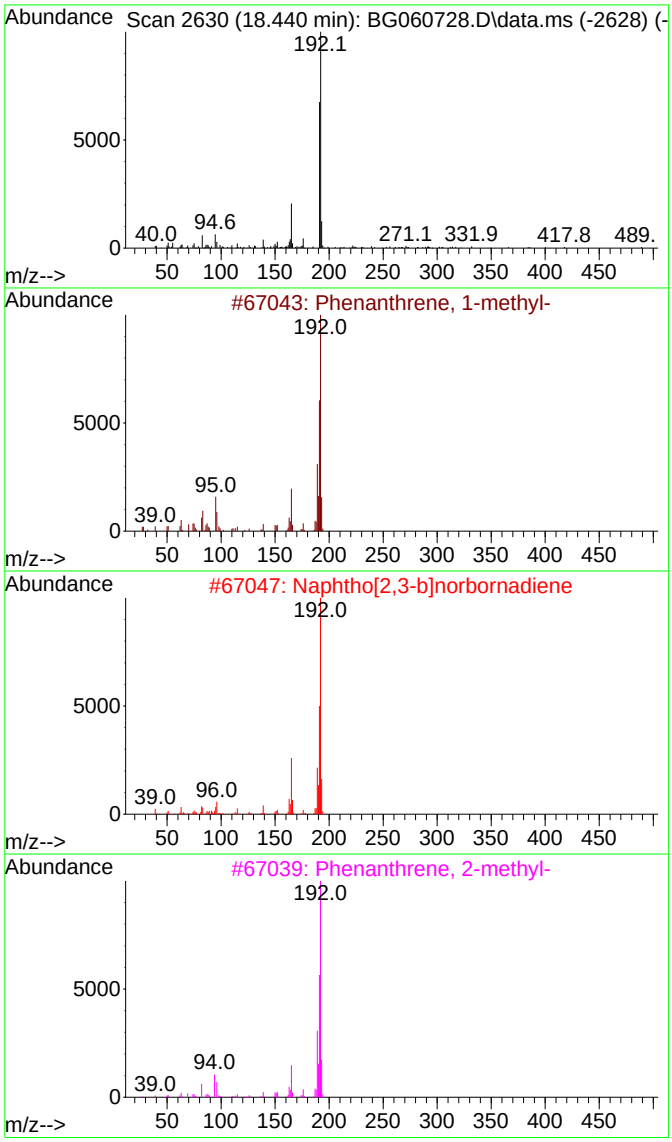
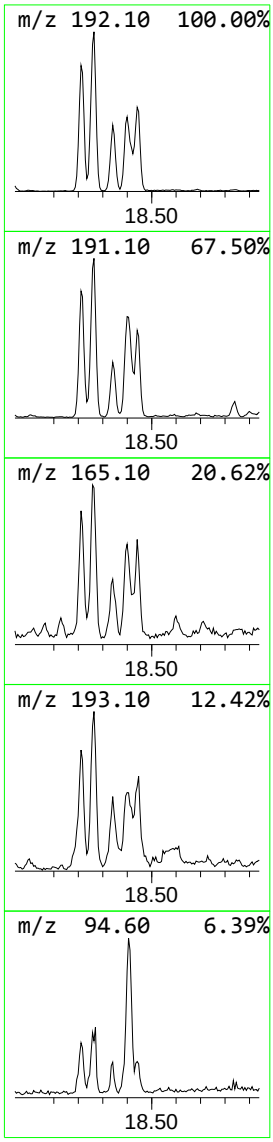
Peak Number 12 Naphtho[2,3-b]norbornadiene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.441	5.37 ng	309308	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	91
2	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	86
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	83
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	80
5	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	80





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Sample : P1938-01 5X
Misc :
ALS Vial : 13 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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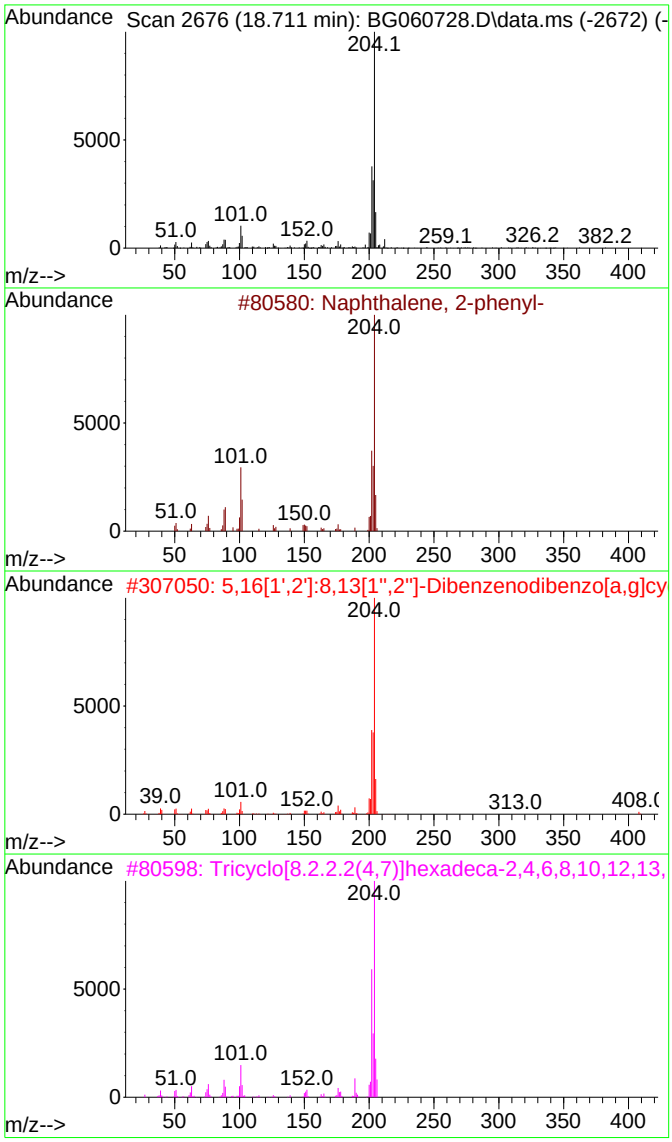
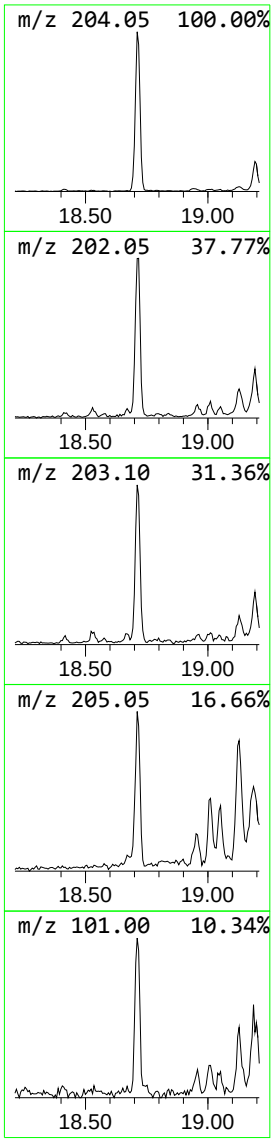
Peak Number 13 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.711	6.78 ng	390486	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	72
4	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52
5	5H-Dibenzo[a,d]cycloheptene, 5-m...	204	C16H12	002975-79-3	52





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Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-02-032924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

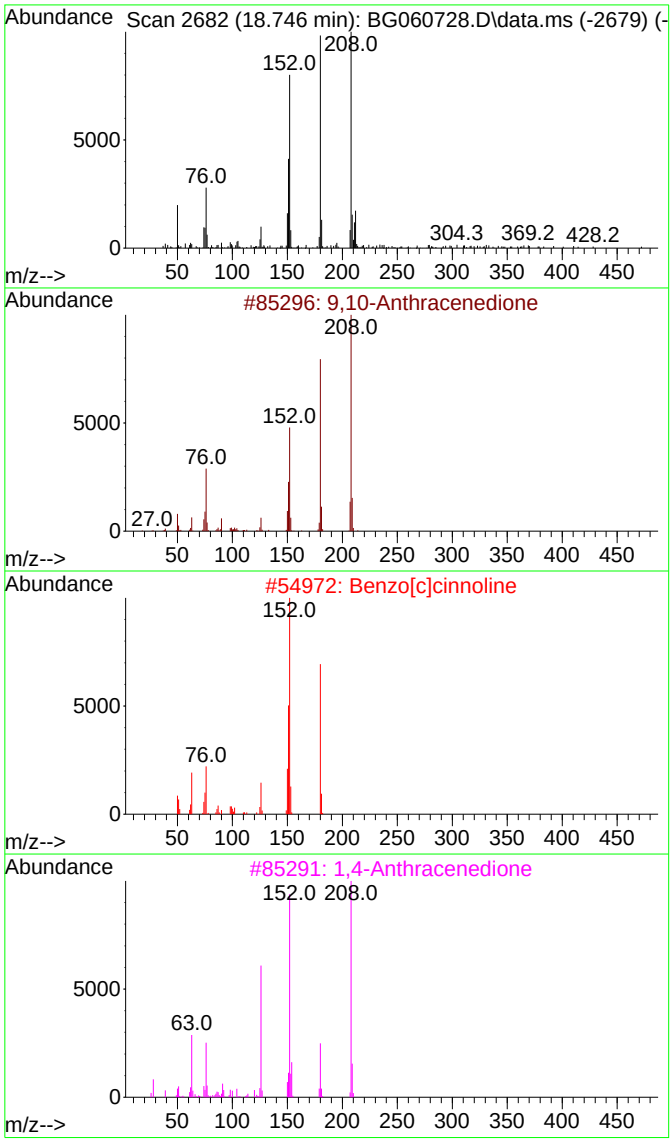
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

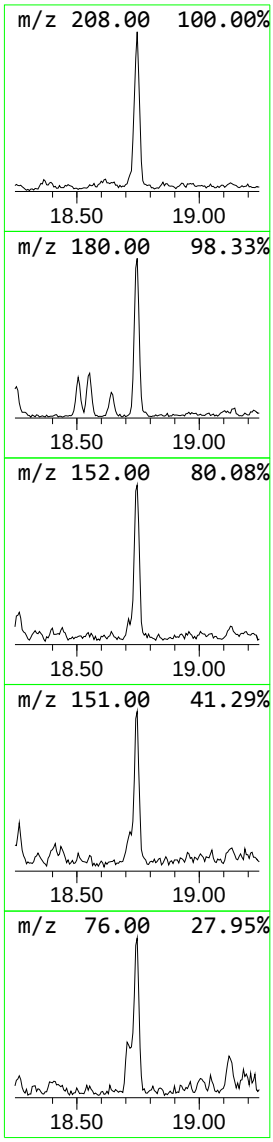
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.746	4.32 ng	248922	Phenanthrene-d10	17.336

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	78
3	1,4-Anthracenedione	208	C14H8O2	000635-12-1	60
4	Diphenic anhydride	224	C14H8O3	006050-13-1	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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Sample : P1938-01 5X
Misc :
ALS Vial : 13 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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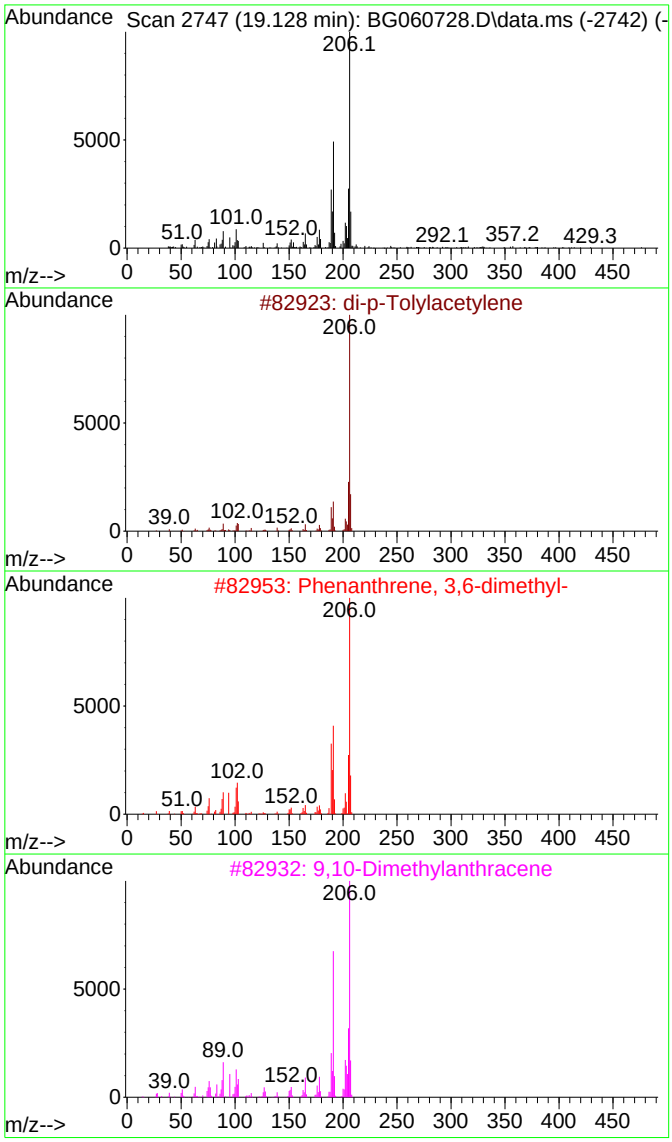
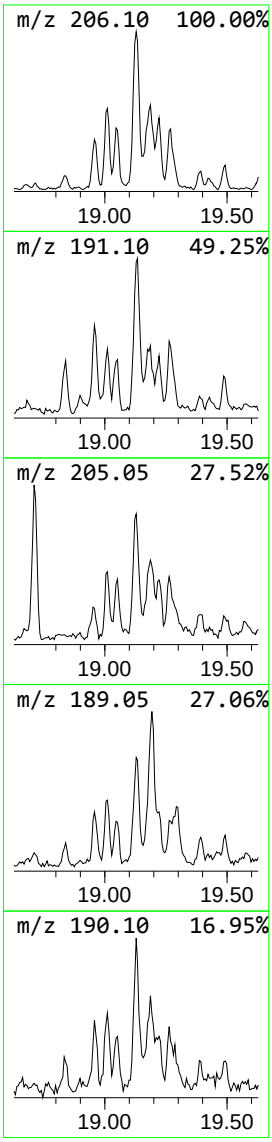
Peak Number 15 di-p-Tolylacetylene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.128	6.10 ng	351421	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	87





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Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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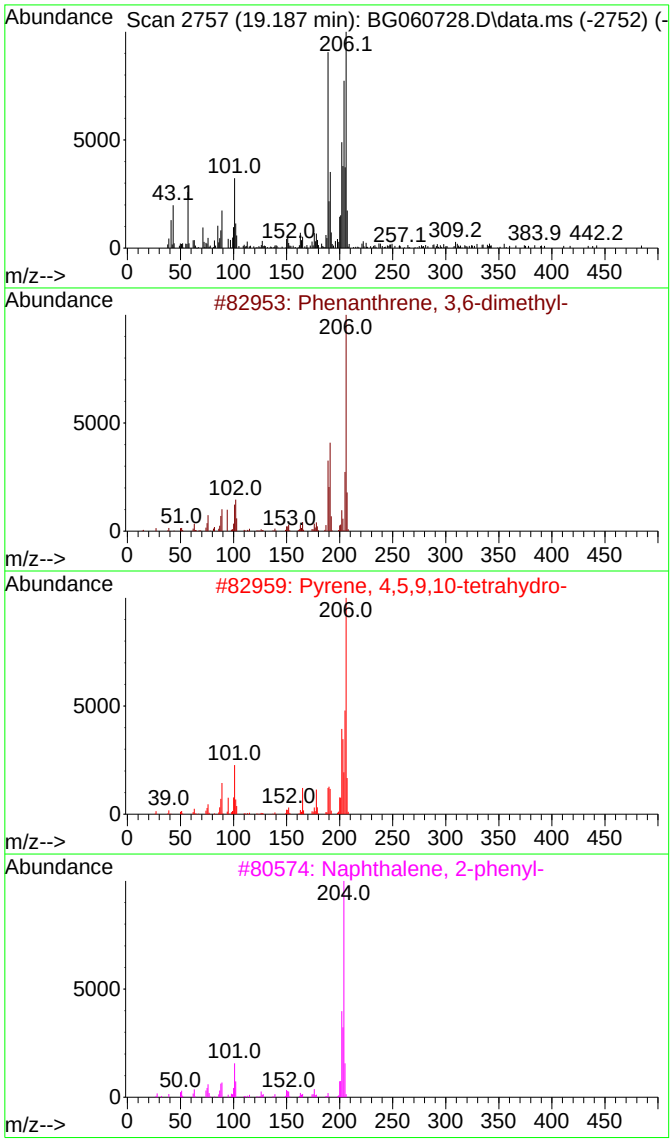
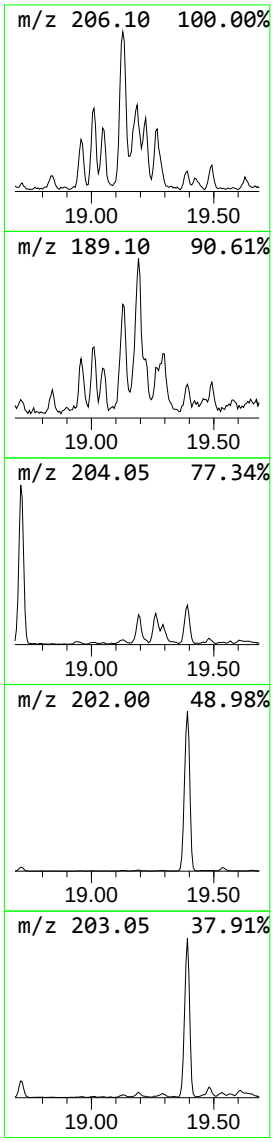
Peak Number 16 unknown19.187 Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.187	4.16 ng	239761	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	46
2	Pyrene, 4,5,9,10-tetrahydro-	206	C16H14	000781-17-9	42
3	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	38
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	38
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	30





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

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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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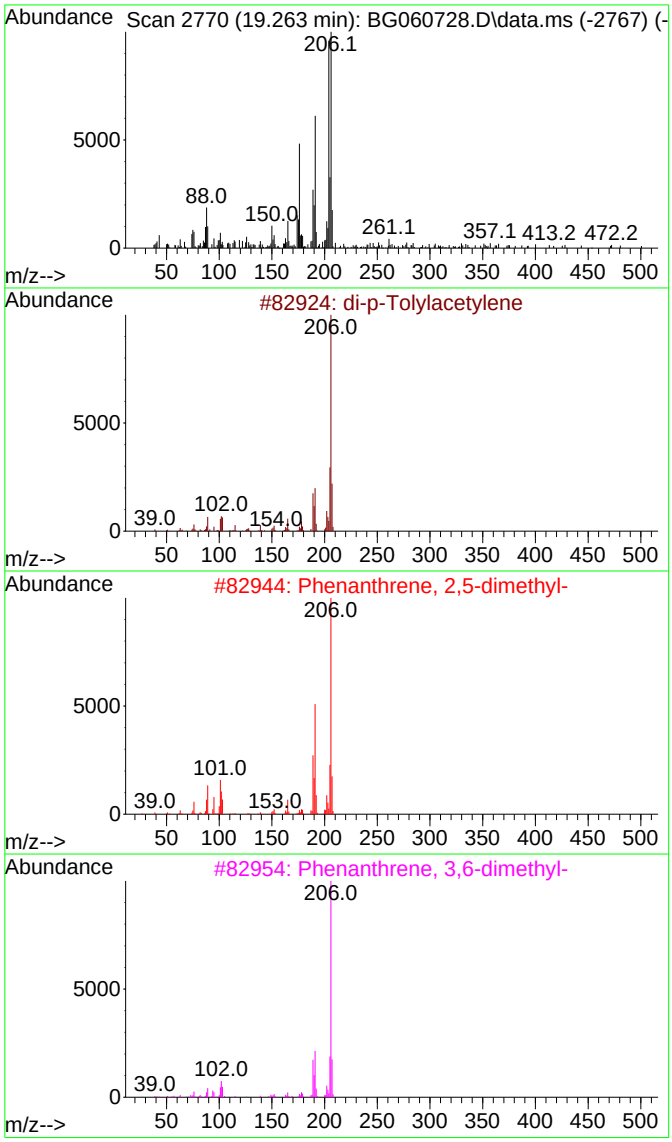
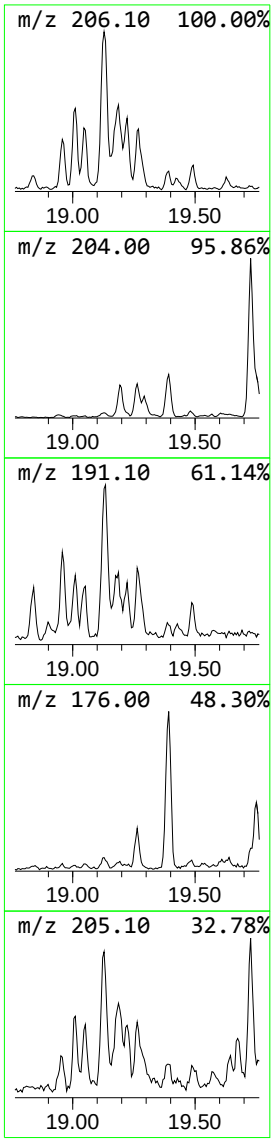
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.263	3.54 ng	203777	Phenanthrene-d10	17.336

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	di-p-Tolylacetylene	206	C16H14	002789-88-0	64
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	55
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	50
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49
5	[14]Annulene, 1,6:8,13-bis(metha...	206	C16H14	085385-68-8	46





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Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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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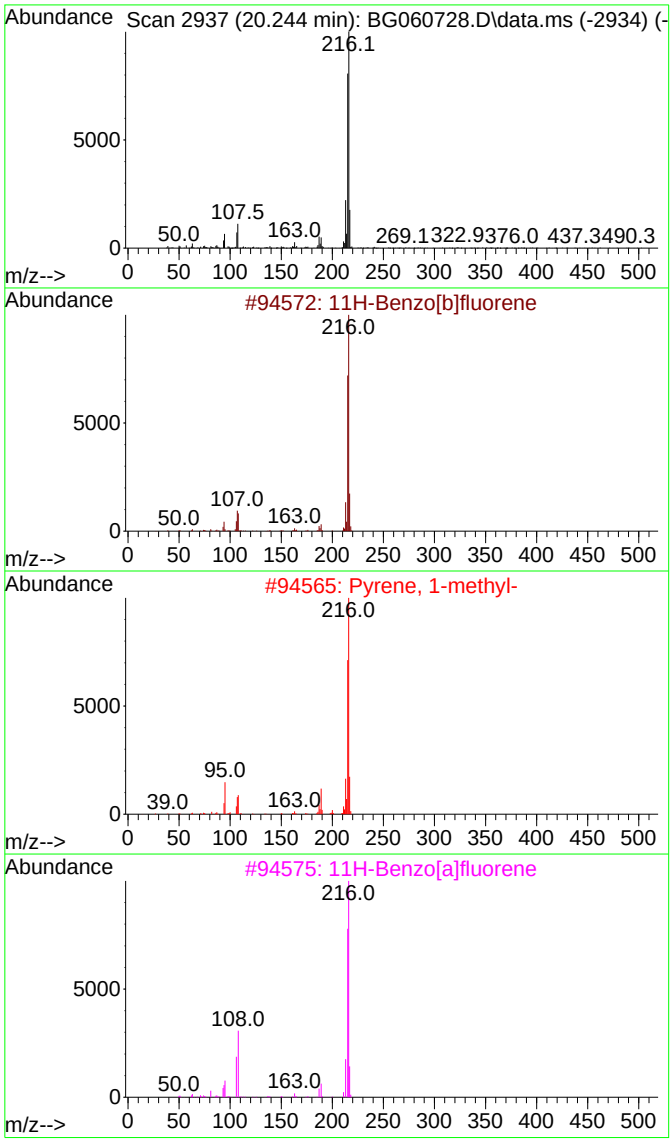
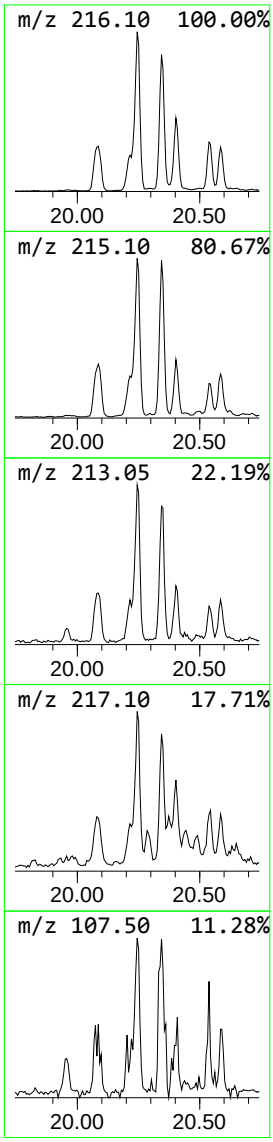
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.244	4.33 ng	791218	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

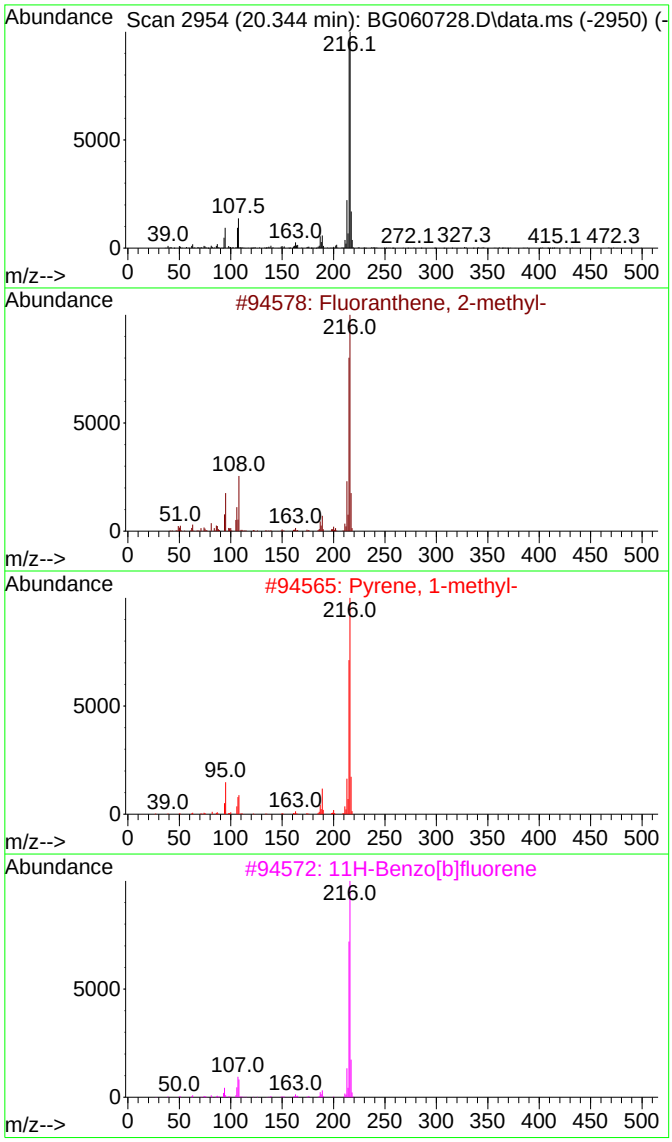
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

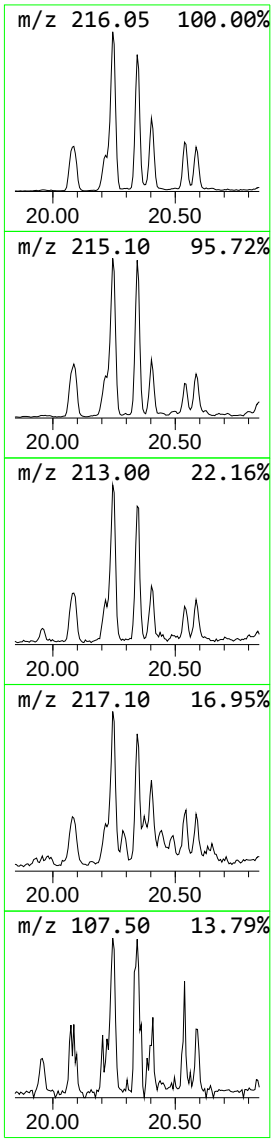
****

Peak Number 19 Fluoranthene, 2-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.344	3.78 ng	691700	Chrysene-d12	21.596

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

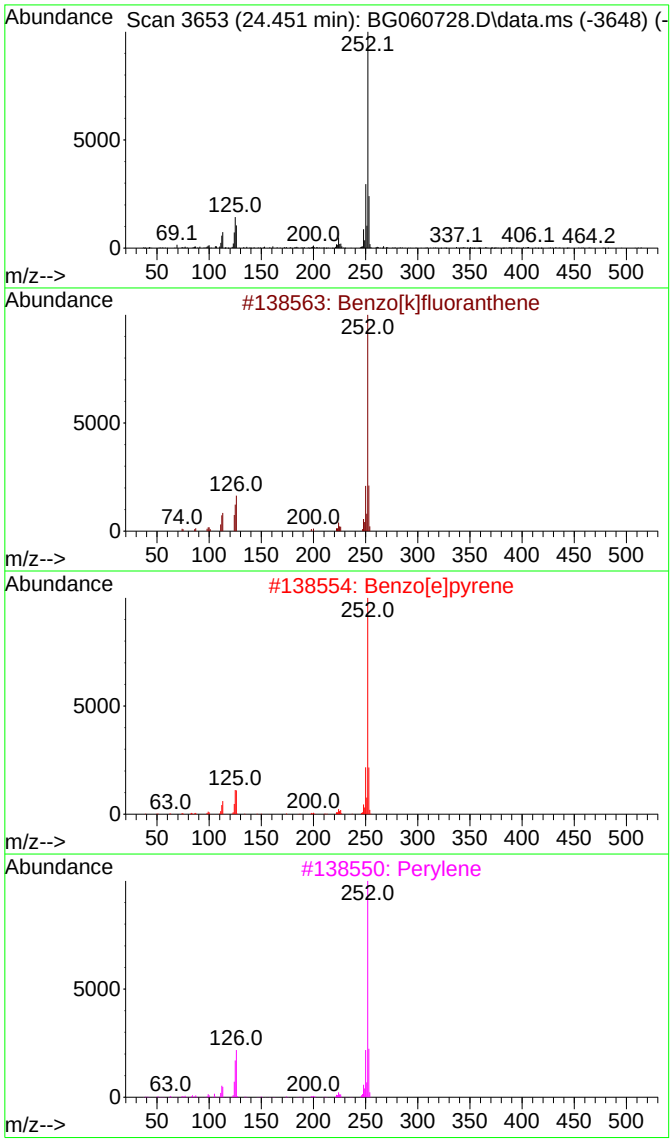
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

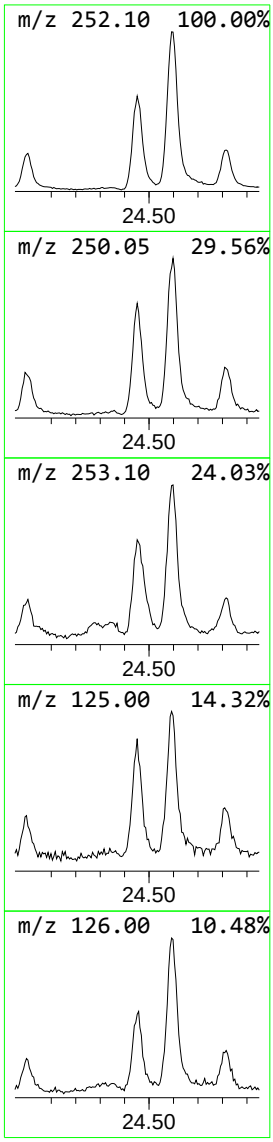
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.451	13.08 ng	920434	Perylene-d12	24.739

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	98
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	89





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG040124\
Data File : BG060728.D
Acq On : 1 Apr 2024 23:41
Operator : MA/JU
Sample : P1938-01 5X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PAT-02-032924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG032924.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...	3.176	7.6	ng	167233	1	7.959	442655	20.0
Ethanol, 2-(2-b...	10.532	3.2	ng	110286	2	10.755	697717	20.0
Naphthalene, 2,...	13.911	3.3	ng	161151	3	14.586	965522	20.0
9H-Fluoren-3-ol	15.932	3.6	ng	173541	3	14.586	965522	20.0
9H-Fluorene, 1-...	16.643	4.6	ng	262683	4	17.336	1152340	20.0
Naphtho[2,1-b]t...	17.154	5.5	ng	319169	4	17.336	1152340	20.0
1H-Cyclopropa[l...	18.211	9.6	ng	550316	4	17.336	1152340	20.0
Phenanthrene, 2...	18.258	13.7	ng	789874	4	17.336	1152340	20.0
Phenanthrene, 1...	18.341	5.2	ng	302063	4	17.336	1152340	20.0
4H-Cyclopenta[d...	18.405	19.6	ng	1126800	4	17.336	1152340	20.0
Naphtho[2,3-b]n...	18.441	5.4	ng	309308	4	17.336	1152340	20.0
Naphthalene, 2-...	18.711	6.8	ng	390486	4	17.336	1152340	20.0
9,10-Anthracene...	18.746	4.3	ng	248922	4	17.336	1152340	20.0
di-p-Tolylacety...	19.128	6.1	ng	351421	4	17.336	1152340	20.0
unknown19.187	19.187	4.2	ng	239761	4	17.336	1152340	20.0
Phenanthrene, 2...	19.263	3.5	ng	203777	4	17.336	1152340	20.0
11H-Benzo[b]flu...	20.244	4.3	ng	791218	5	21.596	3655100	20.0
Fluoranthene, 2...	20.344	3.8	ng	691700	5	21.596	3655100	20.0
Benzo[e]pyrene	24.451	13.1	ng	920434	6	24.739	1407830	20.0