LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

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-BG031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BG060696.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.785	400	408	416	rBV	206294	347941	5.97%	0.737%
2	7.412	677	685	694	rVB	216338	379685	6.51%	0.805%
3	8.293	828	835	843	rVB	359892	629266	10.80%	1.333%
4	9.492	1028	1039	1046	rBV	145410	260722	4.47%	0.552%
5	11.137	1311	1319	1325	rBV	476361	902890	15.49%	1.913%
6	11.190	1325	1328	1336	rVB	119975	196977	3.38%	0.417%
7	12.771	1590	1597	1606	rVB	236346	380905	6.53%	0.807%
8	12.988	1623	1634	1641	rBV	196541	330178	5.66%	0.700%
9	13.546	1722	1729	1735	rVB	362500	555077	9.52%	1.176%
10	13.763	1761	1766	1774	rVB3	72213	123567	2.12%	0.262%
11	13.951	1795	1798	1807	rVB	31376	68053	1.17%	0.144%
12	14.098	1813	1823	1830	rBV3	82050	220176	3.78%	0.467%
13	14.239	1840	1847	1852	rBV2	130330	255180	4.38%	0.541%
14	14.298	1852	1857	1864	rVB2	92267	167211	2.87%	0.354%
15	14.474	1880	1887	1892	rBV2	64866	109612	1.88%	0.232%
16	14.645	1912	1916	1923	rVB4	38761	68951	1.18%	0.146%
17	14.927	1958	1964	1969	rVV	733796	1160240	19.90%	2.459%
18	14.991	1969	1975	1981	rVB	559906	851620	14.61%	1.805%
19	15.320	2022	2031	2036	rBV	268224	478932	8.22%	1.015%
20	15.379	2036	2041	2047	rVB3	67037	113118	1.94%	0.240%
21	15.514	2058	2064	2070	rBV3	63690	123618	2.12%	0.262%
22	15.573	2070	2074	2081	rVB2	54927	88470	1.52%	0.187%
23	15.685	2087	2093	2097	rBV3	59997	118073	2.03%	0.250%
24	15.967	2134	2141	2148	rVB	604656	955223	16.39%	2.024%
25	16.084	2158	2161	2164	rVV	51818	87870	1.51%	0.186%
26	16.125	2165	2168	2173	rVB3	55139	87206	1.50%	0.185%
27	16.249	2185	2189	2197	rVB2	99858	179062	3.07%	0.379%
28	16.407	2209	2216	2222	rBV3	343200	611463	10.49%	1.296%
29	16.960	2300	2310	2314	rBV2	122654	292234	5.01%	0.619%
30	17.013	2315	2319	2324	rVV2	75918	113220	1.94%	0.240%
31	17.112	2332	2336	2340	rVB3	61522	87981	1.51%	0.186%
32	17.177	2341	2347	2350	rBV4	58377	123981	2.13%	0.263%
33	17.383	2378	2382	2388	rBV2	64171	117756	2.02%	0.250%
34	17.494	2396	2401	2408	rVB	250592	388373	6.66%	0.823%
35	17.677	2426	2432	2435	rBV	886382	1383574	23.74%	2.932%
36	17.724	2435	2440	2446	rVB	3501881	5380714	92.31%	11.402%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

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-BG031324.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.812	2447	2455	2461	rBV	913872	1433886	24.60%	3.039%
38	18.082	2494	2501	2506	rBV	477782	740188	12.70%	1.569%
39	18.182	2515	2518	2523	rBV4	53476	98890	1.70%	0.210%
40	18.252	2526	2530	2539	rVB3	73371	158520	2.72%	0.336%
41	18.393	2550	2554	2560	rVB2	58802	103040	1.77%	0.218%
42	18.493	2568	2571	2573	rBV4	52572	63168	1.08%	0.134%
43	18.540	2574	2579	2583	rBV	396676	548197	9.40%	1.162%
44	18.587	2583	2587	2594	rVB	551494	855133	14.67%	1.812%
45	18.669	2596	2601	2606	rBV	210837	310286	5.32%	0.658%
46	18.740	2606	2613	2617	rBV2	661820	1334931	22.90%	2.829%
47	19.028	2658	2662	2668	rBV	232848	366336	6.28%	0.776%
48	19.087	2668	2672	2677	rVB2	113120	173267	2.97%	0.367%
49	19.316	2708	2711	2714	rVB	125990	143220	2.46%	0.303%
50	19.357	2715	2718	2722	rVB	102501	123709	2.12%	0.262%
51	19.404	2723	2726	2728	rBV3	136774	179662	3.08%	0.381%
52	19.433	2728	2731	2736	rVB2	302659	424904	7.29%	0.900%
53	19.715	2773	2779	2784	rBV	3956133	5829183	100.00%	12.352%
54	19.962	2818	2821	2828	rVB	211216	319540	5.48%	0.677%
55	20.038	2829	2834	2836	rVV2	630209	1048603	17.99%	2.222%
56	20.080	2836	2841	2846	rVV	3339898	5033925	86.36%	10.667%
57	20.127	2847	2849	2854	rVB2	217901	286425	4.91%	0.607%
58	20.250	2866	2870	2874	rBV2	696166	904404	15.52%	1.916%
59	20.556	2918	2922	2927	rVB	582389	809882	13.89%	1.716%
60	20.655	2935	2939	2942	rBV	555428	739706	12.69%	1.567%
61	20.855	2970	2973	2977	rBV	179999	233313	4.00%	0.494%
62	21.977	3158	3164	3172	rBV3	1420155	3948231	67.73%	8.367%
63	22.048	3172	3176	3182	rVB	1078602	1825630	31.32%	3.869%
64	24.392	3570	3575	3585	rBV2	406478	1415287	24.28%	2.999%

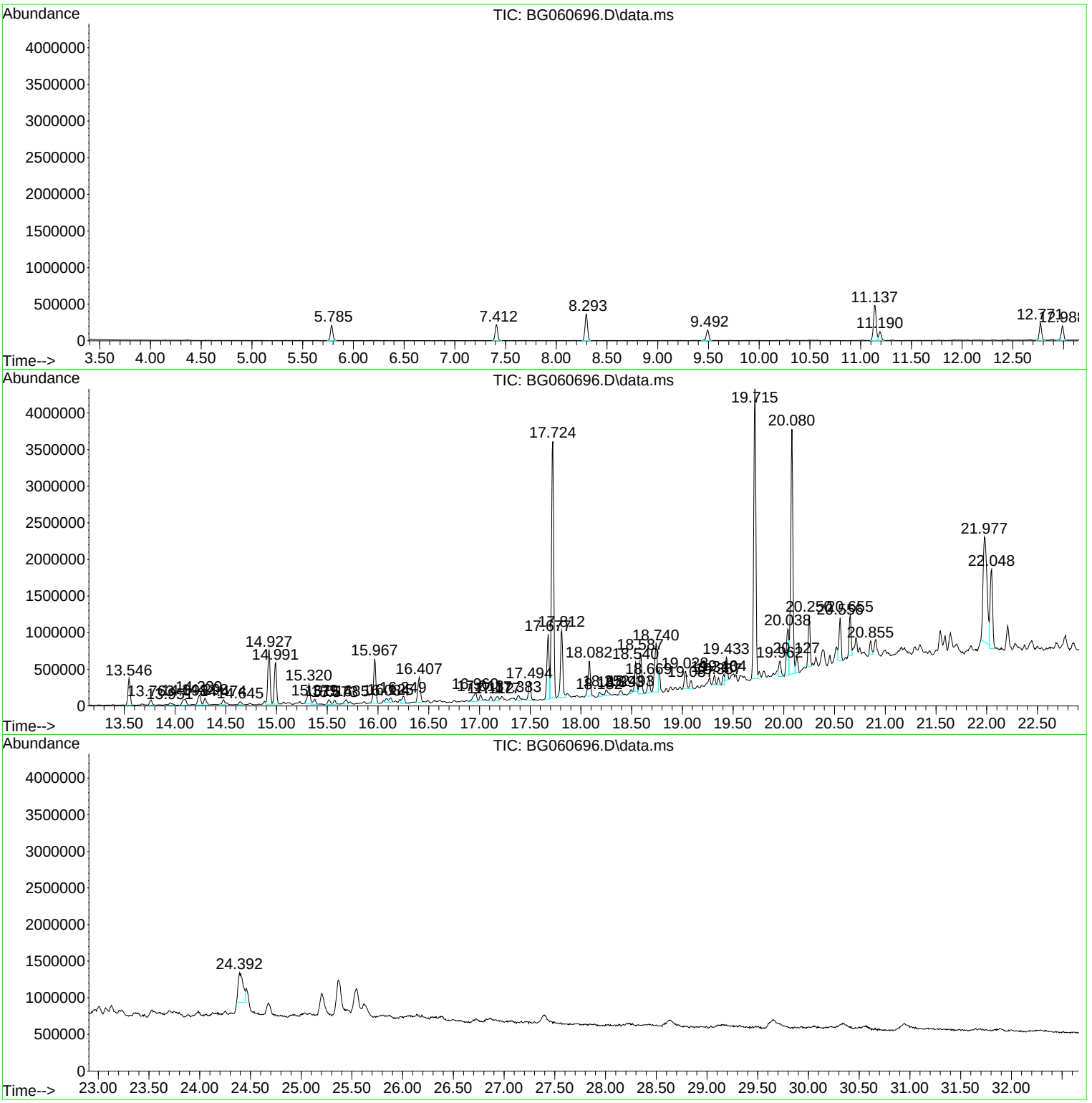
Sum of corrected areas: 47190585

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

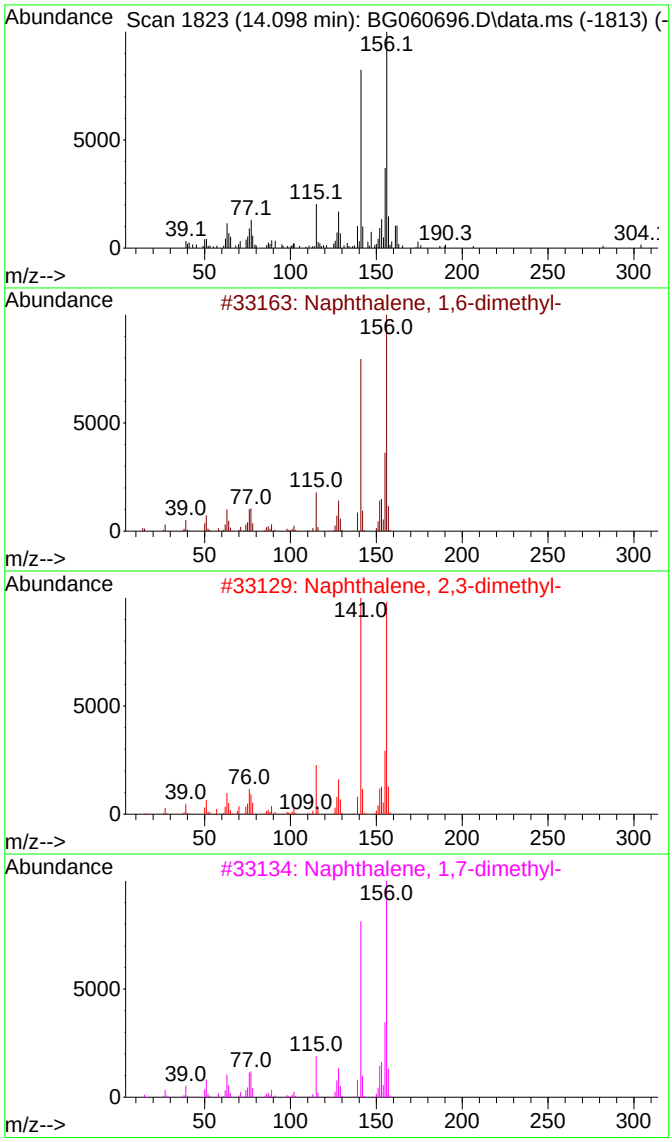
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

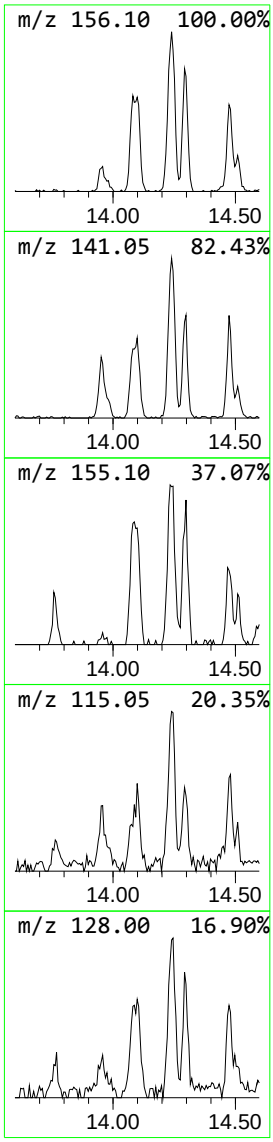
****

Peak Number 2 Naphthalene, 1,6-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.098	3.80 ng	220176	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	98
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

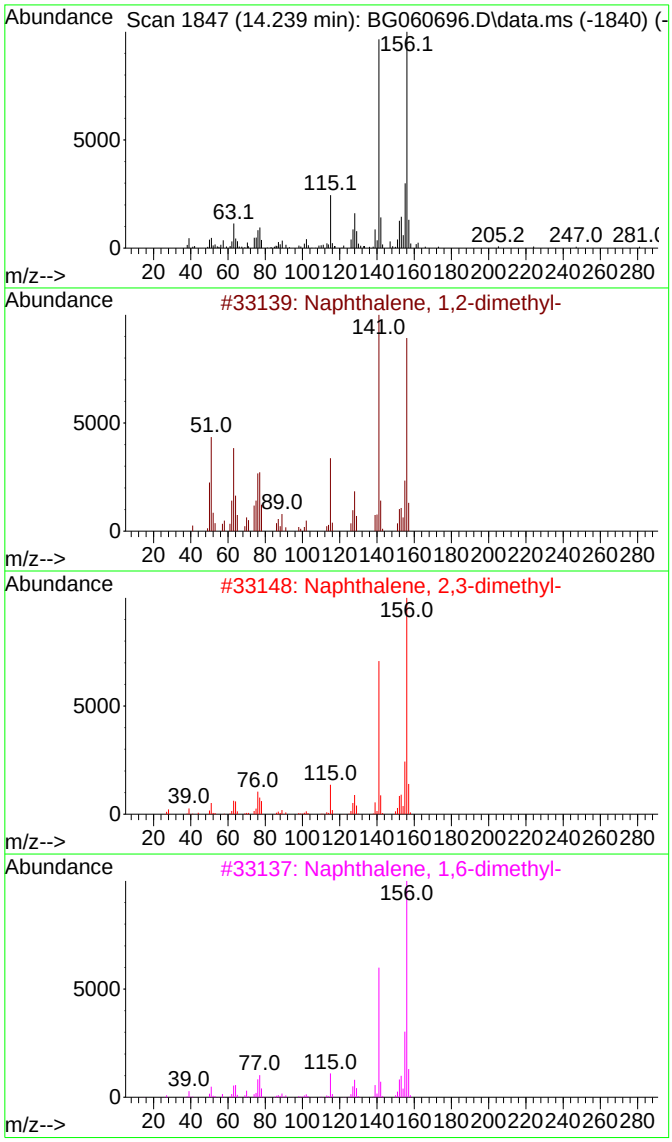
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

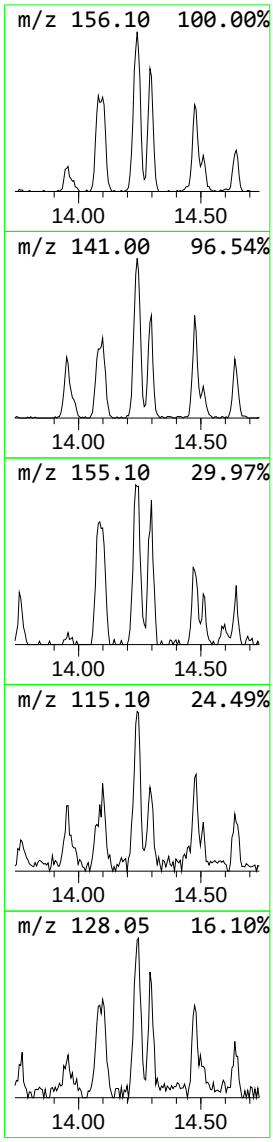
****

Peak Number 3 Naphthalene, 1,2-dimethyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.239	4.40 ng	255180	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
2	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	97
3	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	97
5	Naphthalene, 2,7-dimethyl-	156	C12H12	000582-16-1	97





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

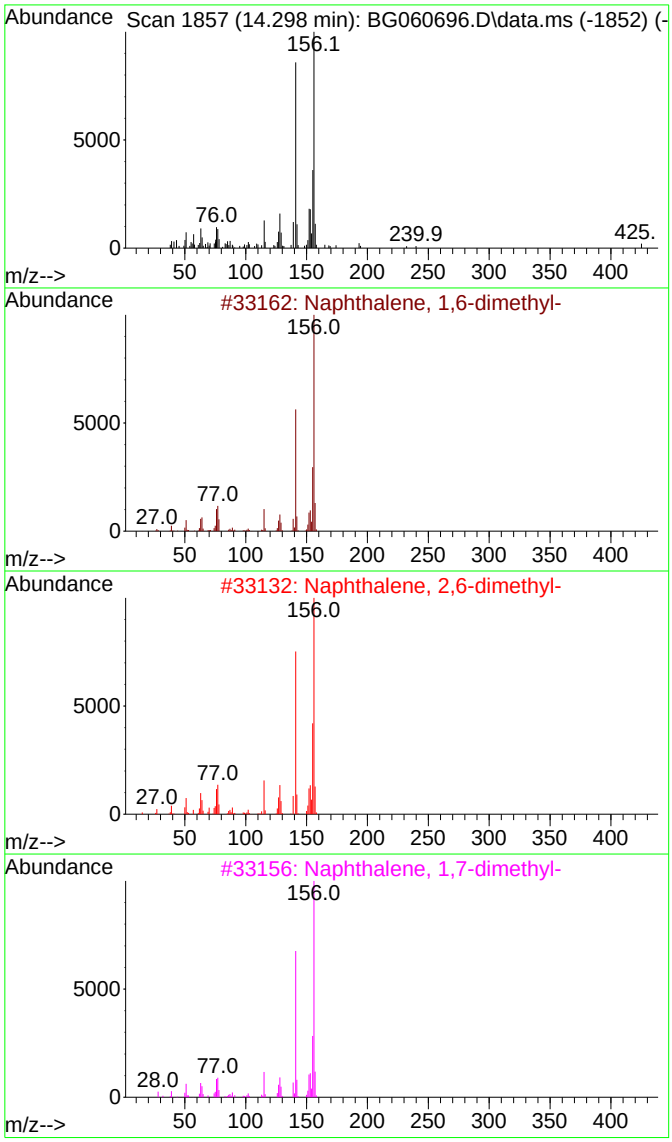
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

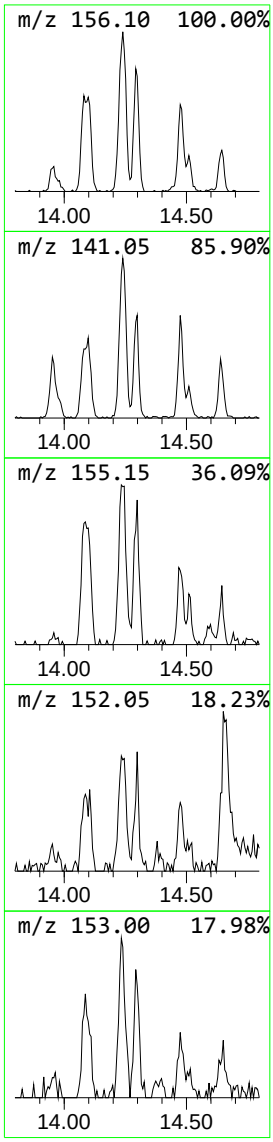
****

Peak Number 4 Naphthalene, 2,6-dimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.298	2.88 ng	167211	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	97
2	Naphthalene, 2,6-dimethyl-	156	C12H12	000581-42-0	96
3	Naphthalene, 1,7-dimethyl-	156	C12H12	000575-37-1	96
4	Naphthalene, 1,5-dimethyl-	156	C12H12	000571-61-9	95
5	Naphthalene, 1,8-dimethyl-	156	C12H12	000569-41-5	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

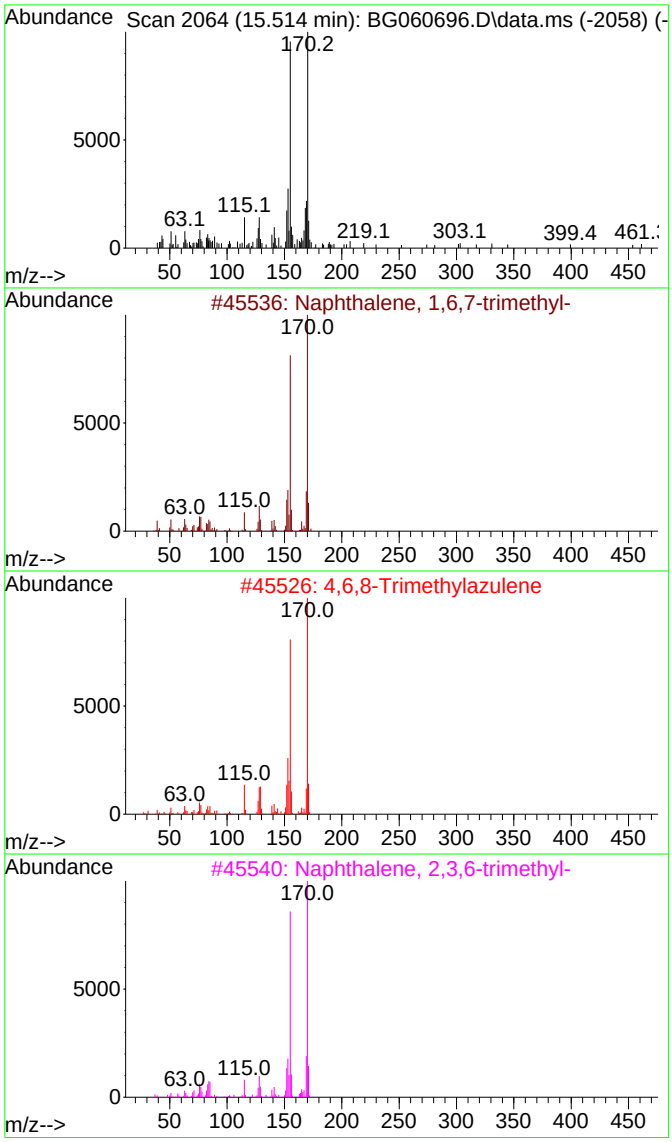
Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

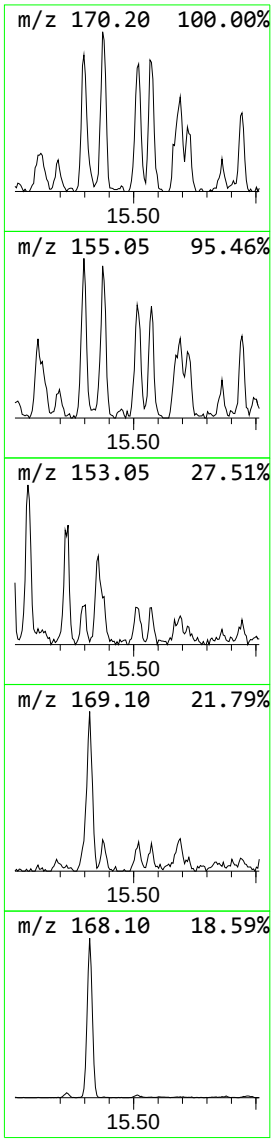
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 Naphthalene, 1,6,7-trimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.514	2.13 ng	123618	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,6,7-trimethyl-	170	C13H14	002245-38-7	93
2	4,6,8-Trimethylazulene	170	C13H14	000941-81-1	91
3	Naphthalene, 2,3,6-trimethyl-	170	C13H14	000829-26-5	87
4	1-(2,2-Dimethylcyclopropyl)-2-ph...	170	C13H14	1000294-91-1	87
5	Naphthalene, 1,4,6-trimethyl-	170	C13H14	002131-42-2	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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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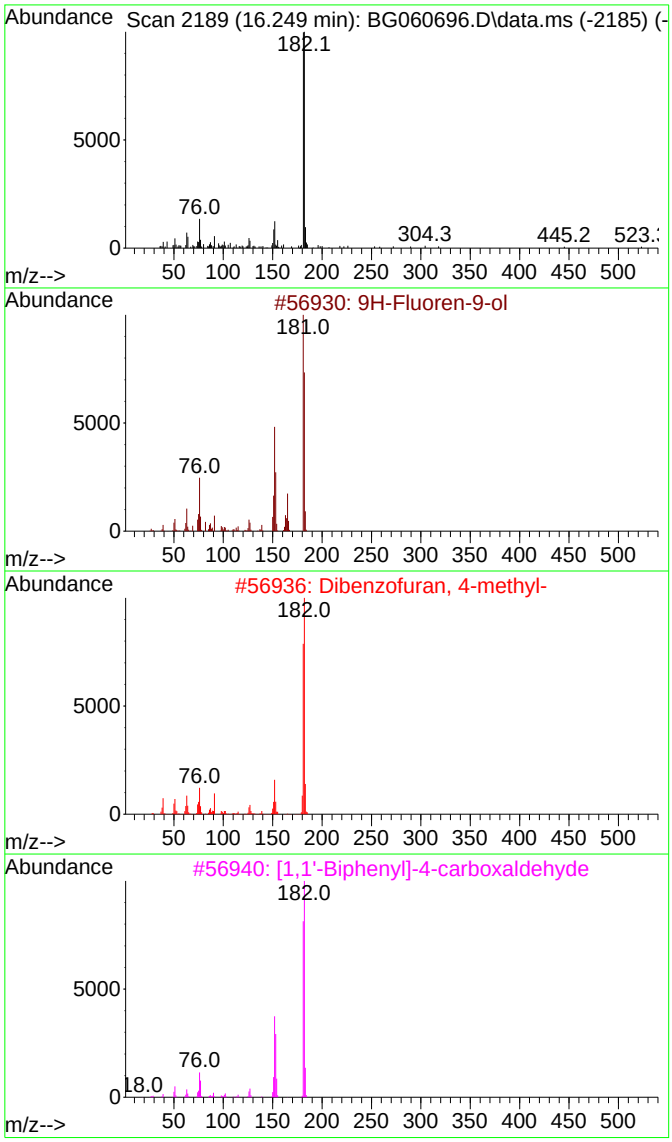
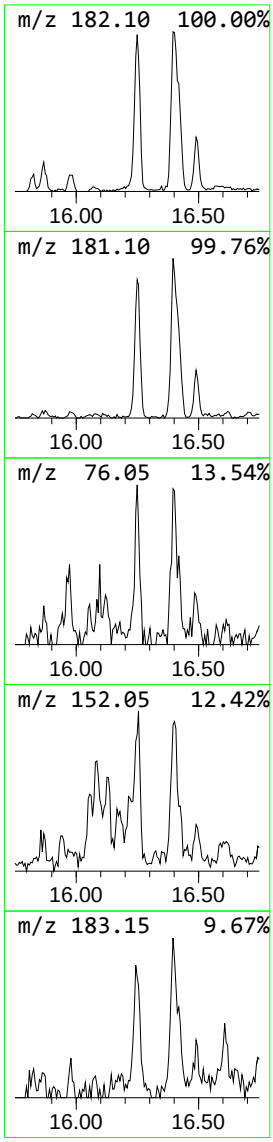
Peak Number 6 9H-Fluoren-9-ol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.249	3.09 ng	179062	Acenaphthene-d10	14.927

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	78
3	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	72
4	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	72
5	2,4,6-Cycloheptatrien-1-one, 2-p...	182	C13H10O	014562-09-5	72





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.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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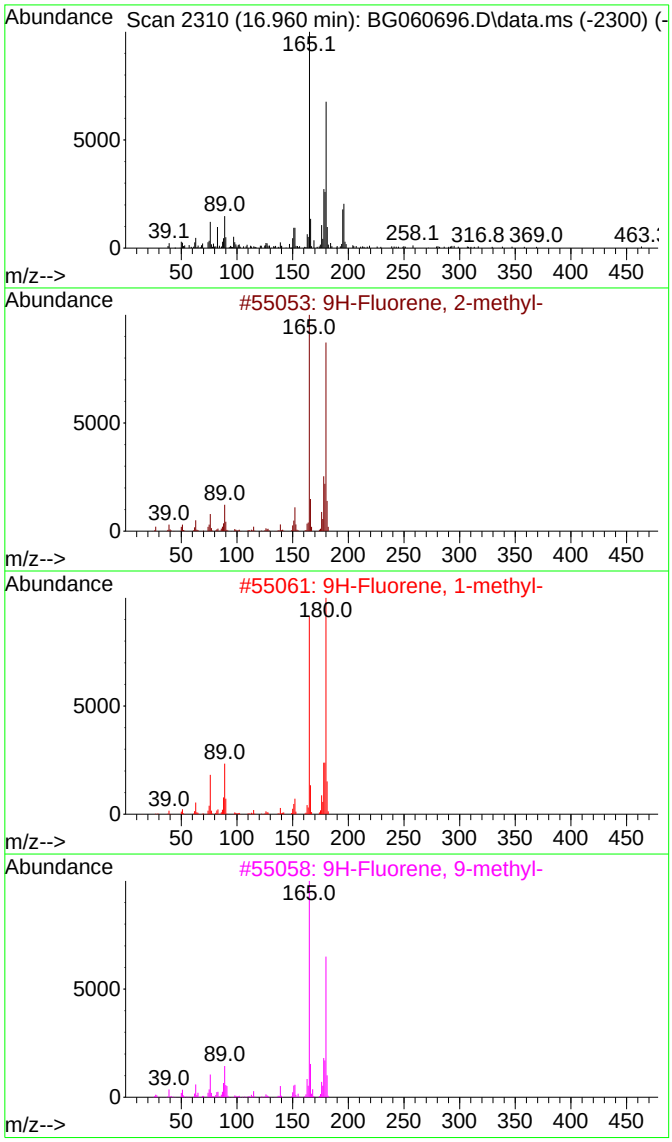
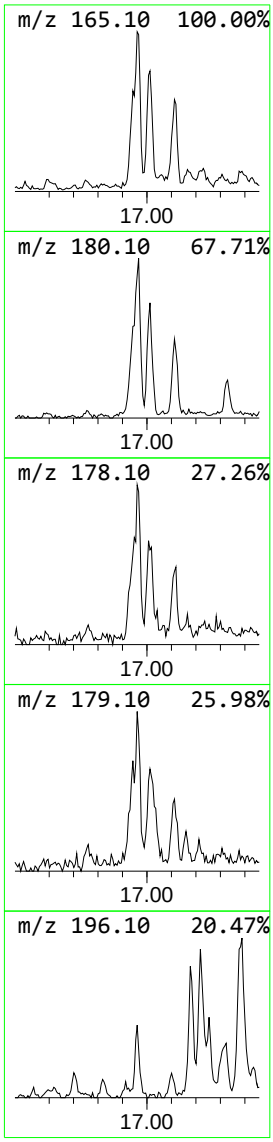
Peak Number 7 9H-Fluorene, 2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.960	4.22 ng	292234	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	93
3	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	86
4	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	86
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

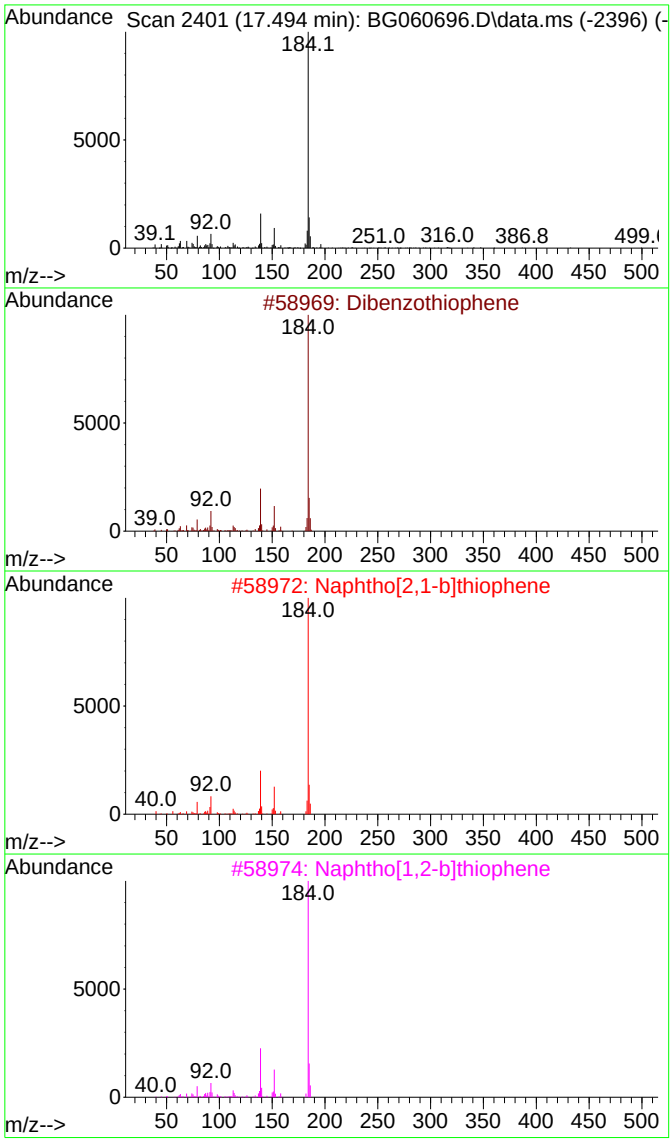
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

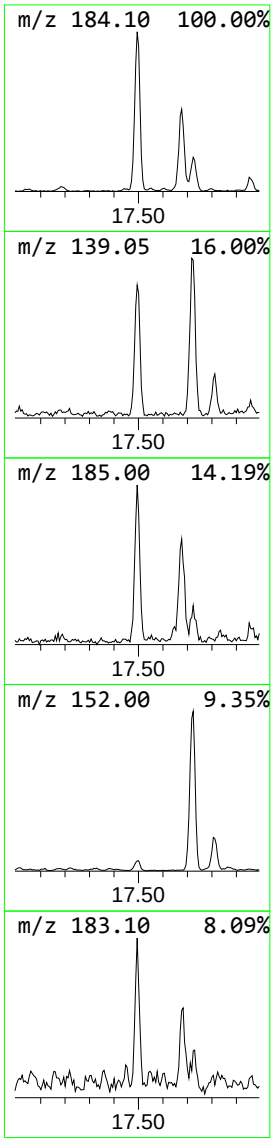
****

Peak Number 8 Dibenzothiophene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.494	5.61 ng	388373	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	94
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





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Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-031924

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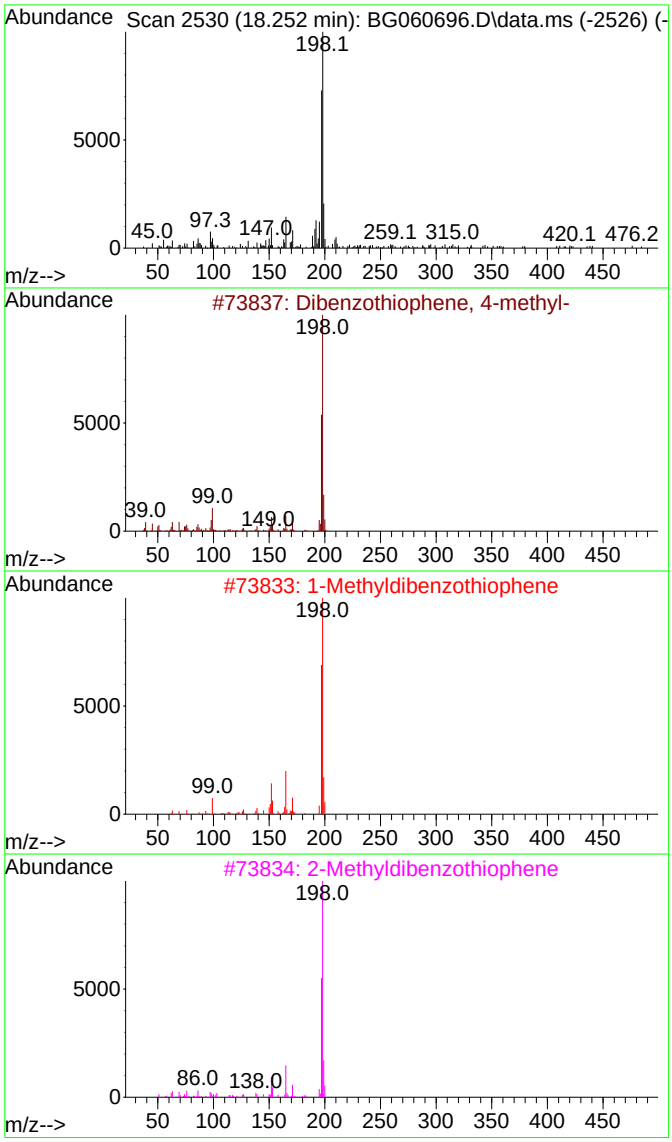
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

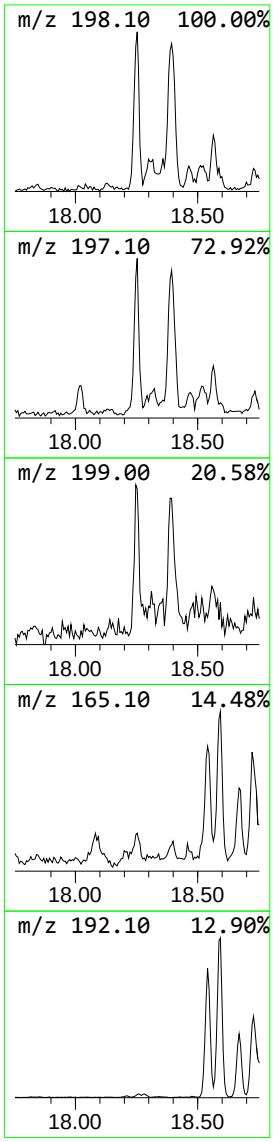
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 Dibenzothiophene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.252	2.29 ng	158520	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	74
2	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	74
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	74
4	Benzenamine, 4,4'-methylenebis-	198	C13H14N2	000101-77-9	72
5	Tacrine	198	C13H14N2	000321-64-2	72





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Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-031924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

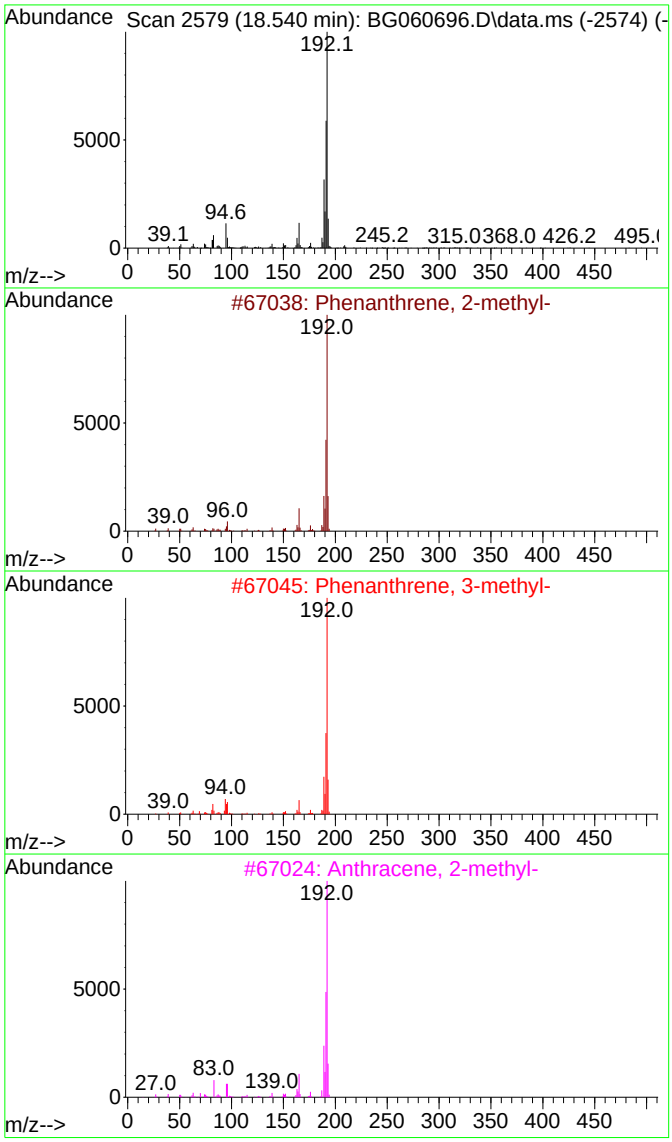
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

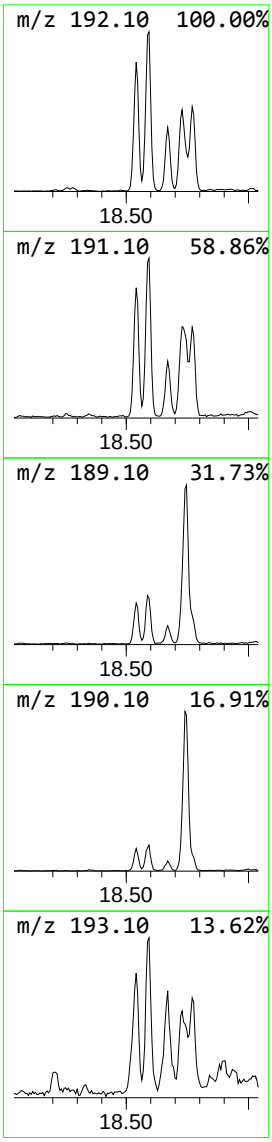
****

Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.540	7.92 ng	548197	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	92
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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Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-031924

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

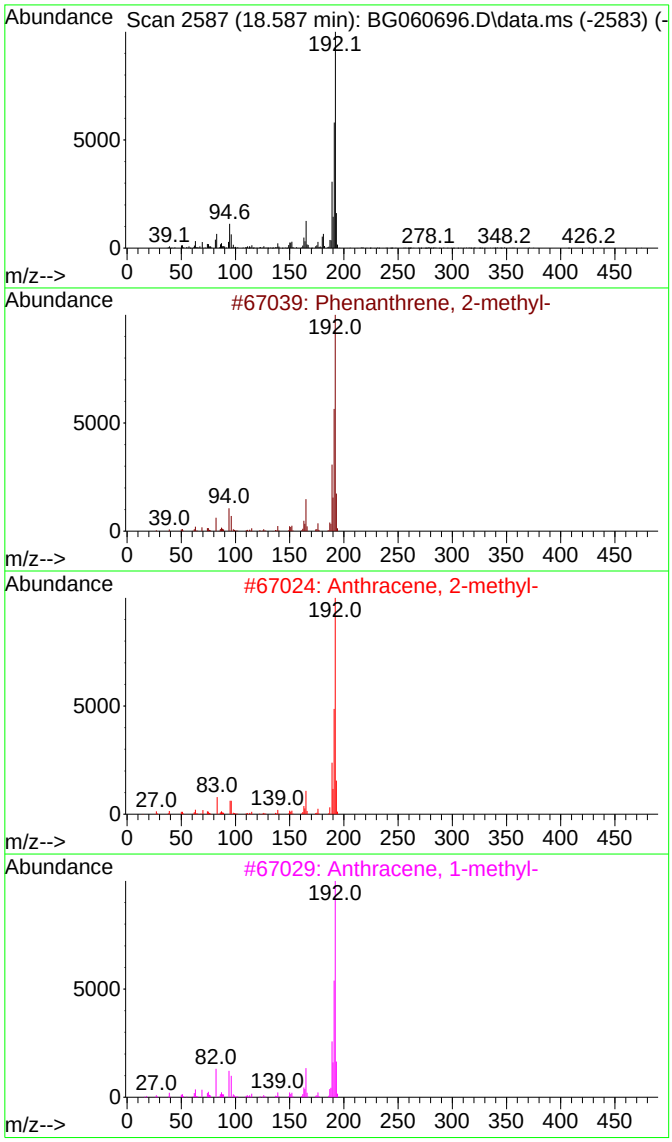
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

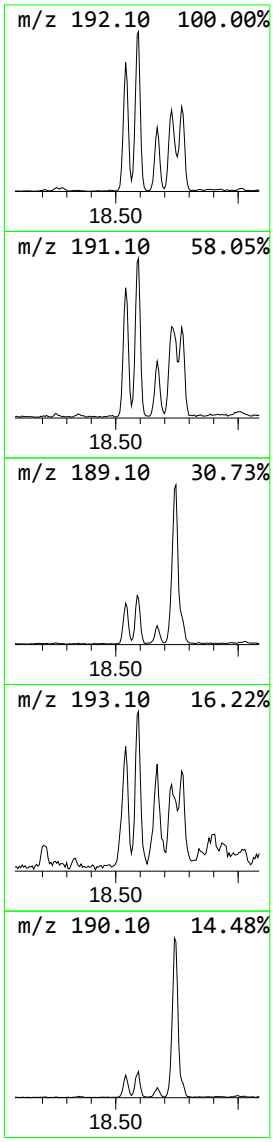
****

Peak Number 11 Anthracene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.587	12.36 ng	855133	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94





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Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-031924

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TIC Library : C:\Database\NIST20.L
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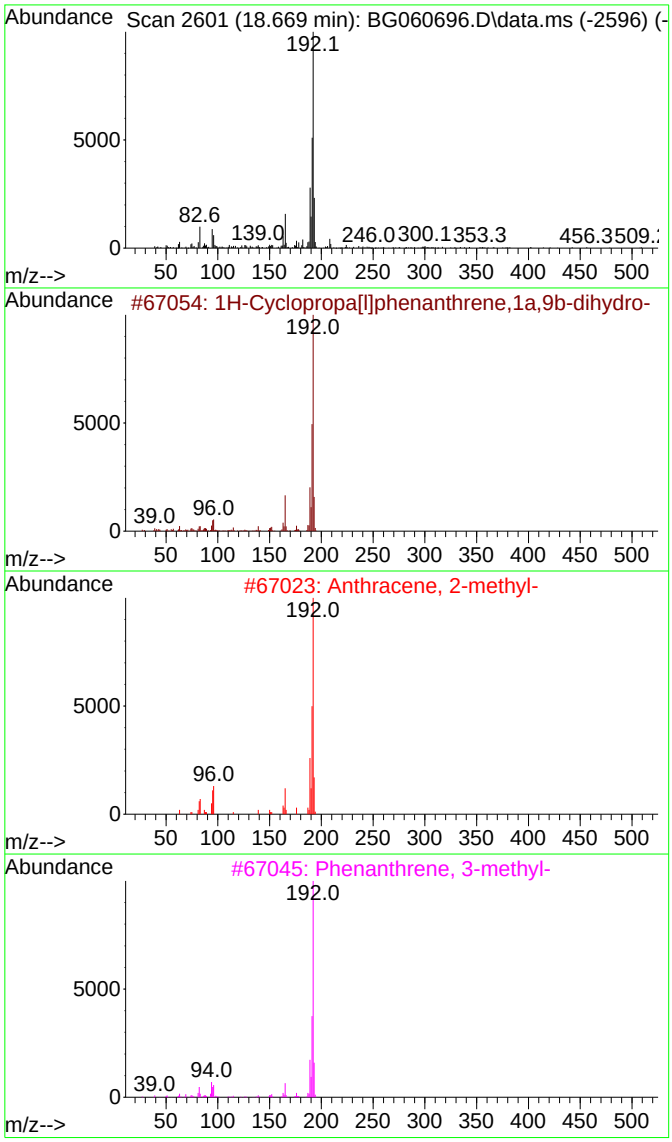
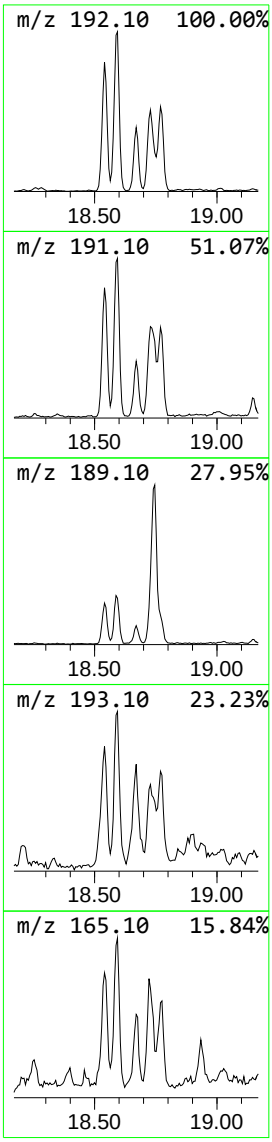
****

Peak Number 12 1H-Cyclopropa[l]phenanthren... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.669	4.49 ng	310286	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	89
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	81
3	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	81
4	Naphtho[2,3-b]norbornadiene	192	C15H12	107426-38-0	81
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	76





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ClientSampleId :
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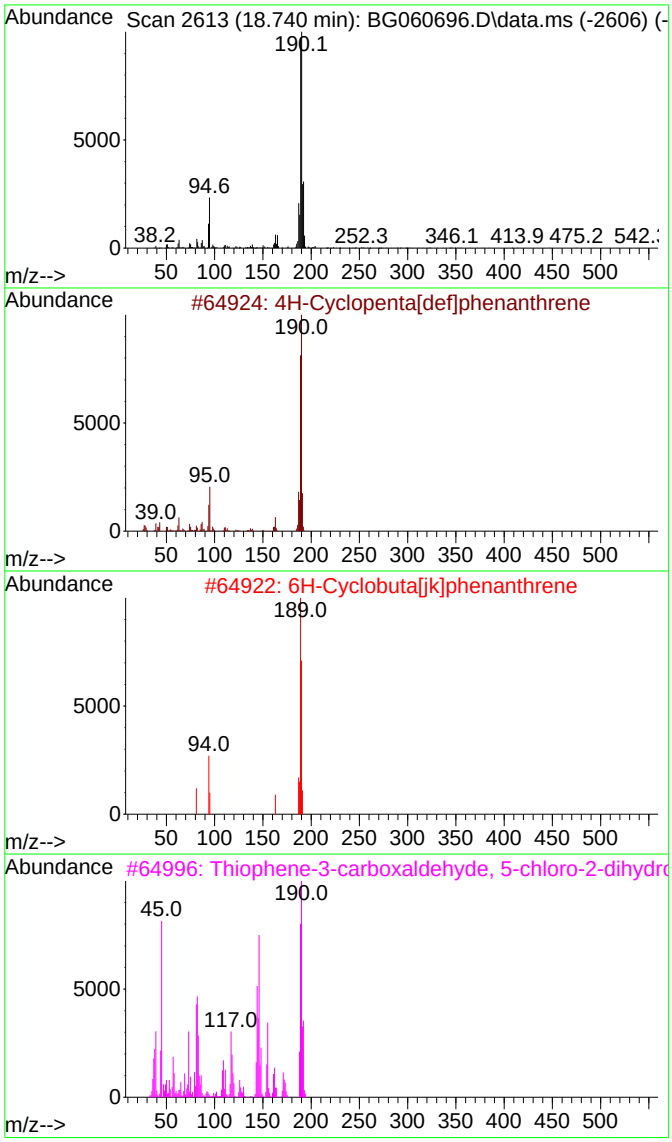
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

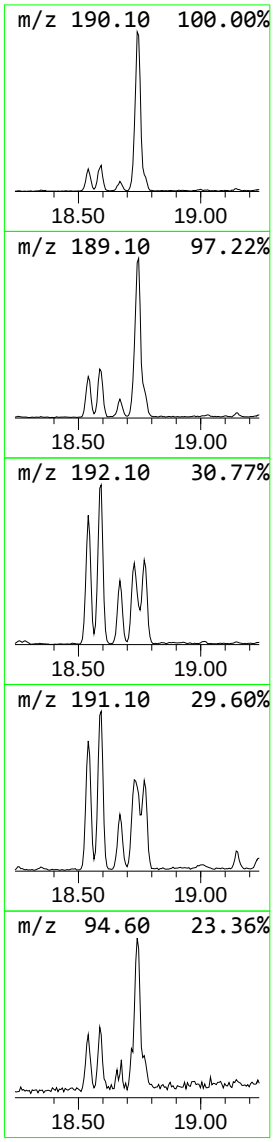
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.740	19.30 ng	1334930	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	50
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

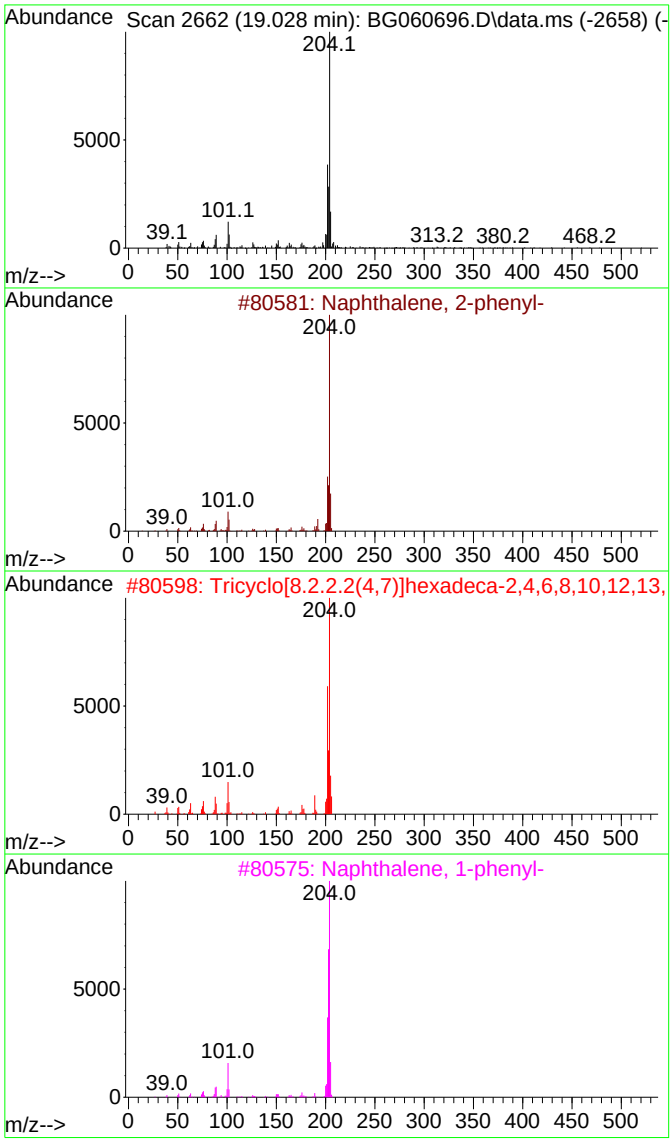
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

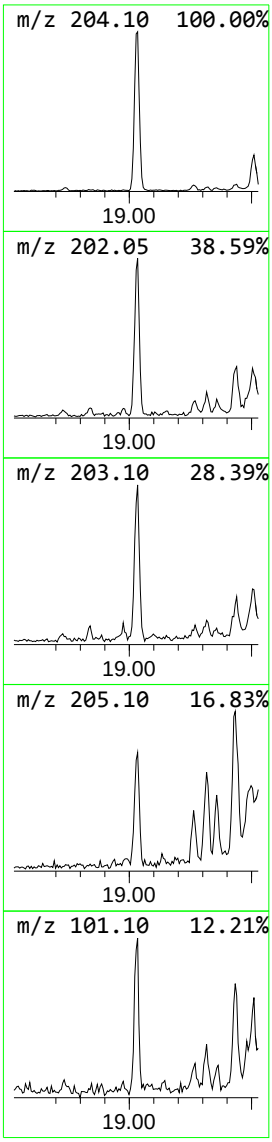
****

Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.028	5.30 ng	366336	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	58
3	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	49
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

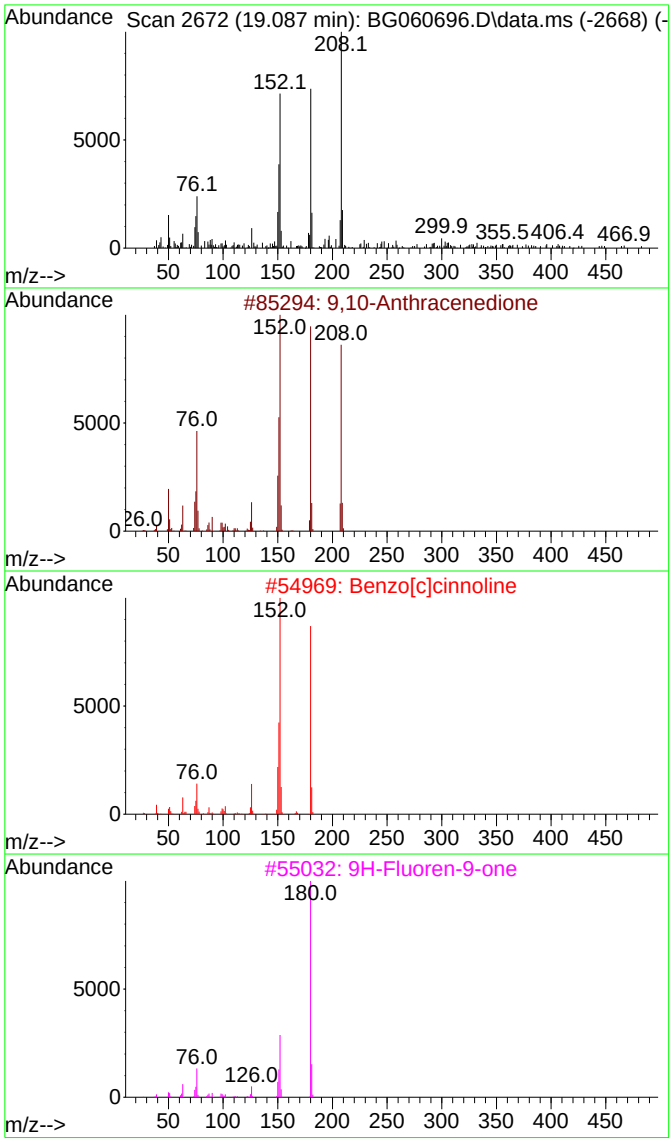
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

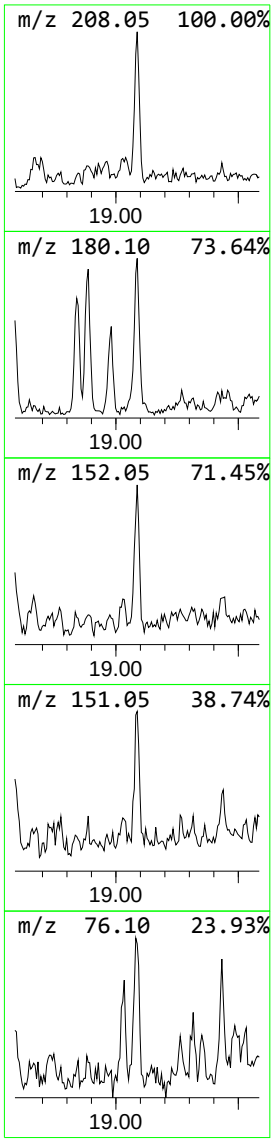
****

Peak Number 15 9,10-Anthracenedione Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.087	2.50 ng	173267	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	97
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	55
3	9H-Fluoren-9-one	180	C13H8O	000486-25-9	52
4	1-Phenylbicyclo(3.2.2)nona-3,6,8...	208	C15H12O	1010427-19-9	49
5	Dibenzo[b,E]-1,4-diazabicyclo[2....	208	C14H12N2	094509-68-9	47





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Sample : P1801-01 5X
Misc :
ALS Vial : 12 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
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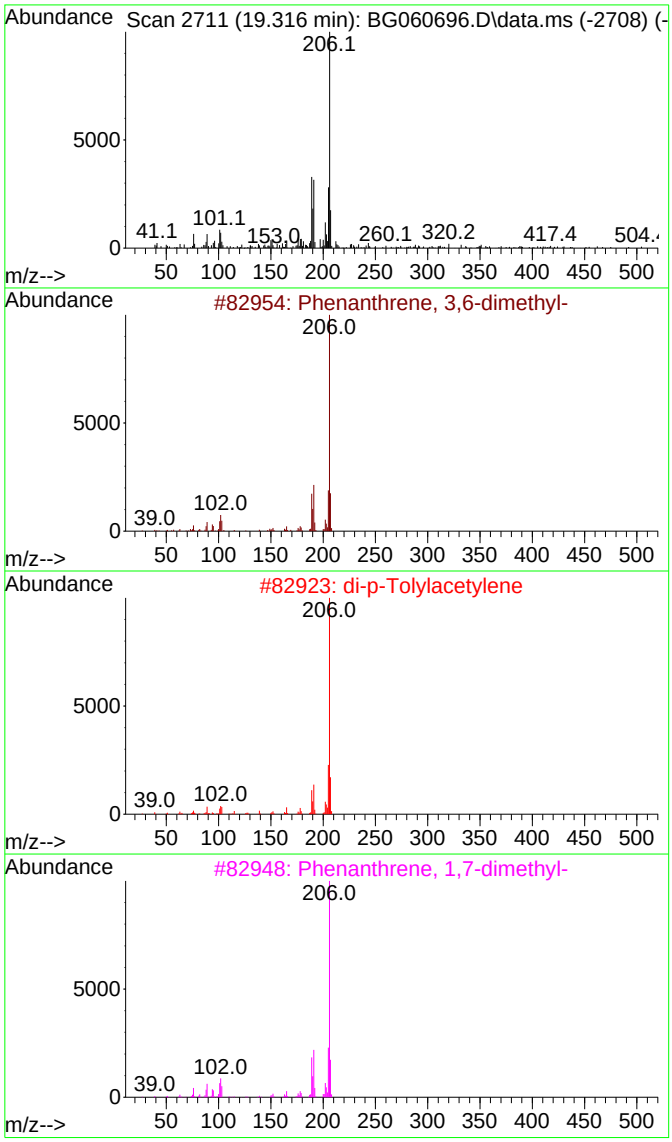
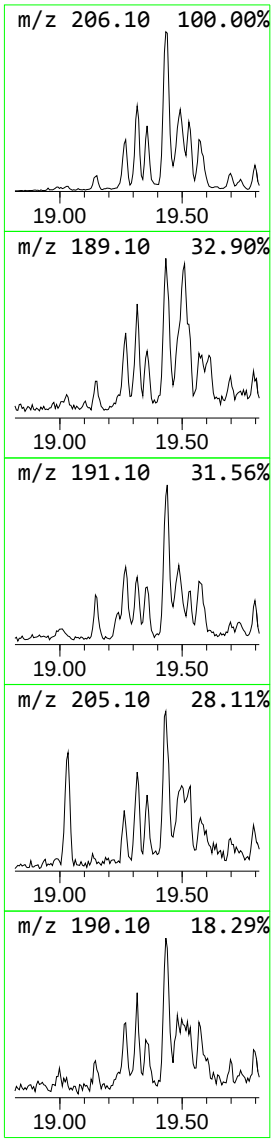
****

Peak Number 16 Phenanthrene, 3,6-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.316	2.07 ng	143220	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Naphthalene, 1,2-dihydro-4-phenyl-	206	C16H14	007469-40-1	68





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ALS Vial : 12 Sample Multiplier: 1

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ClientSampleId :
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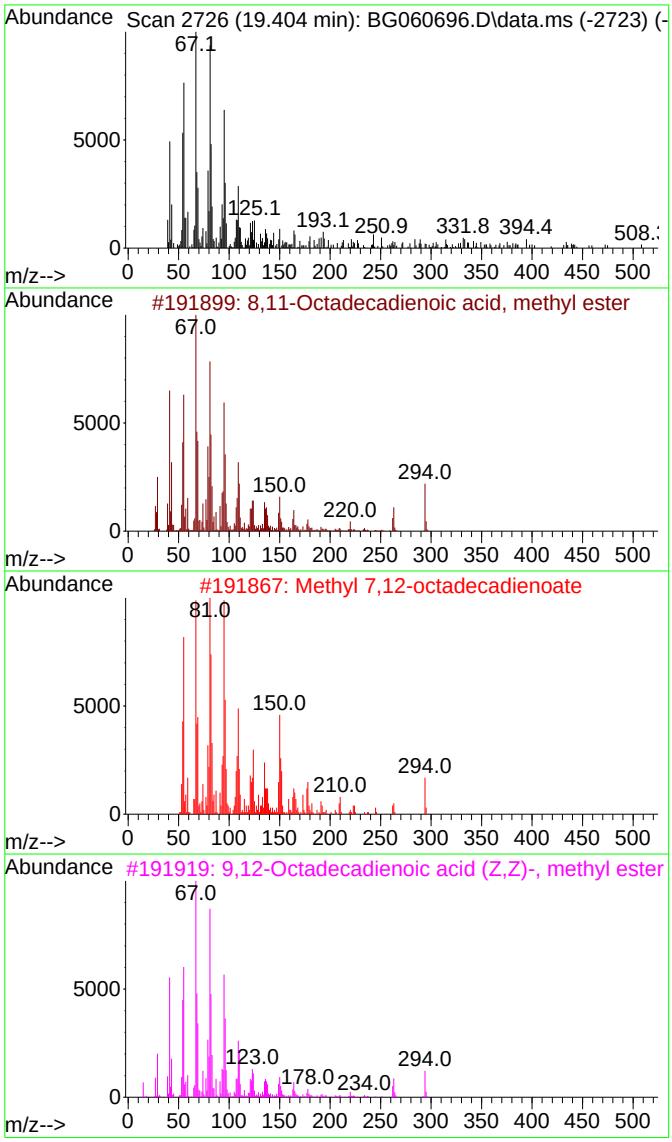
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

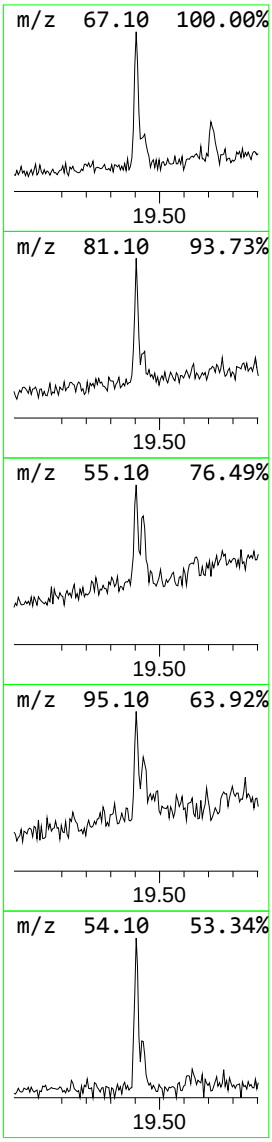
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 17 8,11-Octadecadienoic acid, ... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.404	2.60 ng	179662	Phenanthrene-d10	17.677

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	8,11-Octadecadienoic acid, methy...	294	C19H34O2	056599-58-7	94
2	Methyl 7,12-octadecadienoate	294	C19H34O2	1000336-43-8	93
3	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	93
4	2-Chloroethyl linoleate	342	C20H35ClO2	025525-76-2	93
5	Linoelaidic acid	280	C18H32O2	000506-21-8	91





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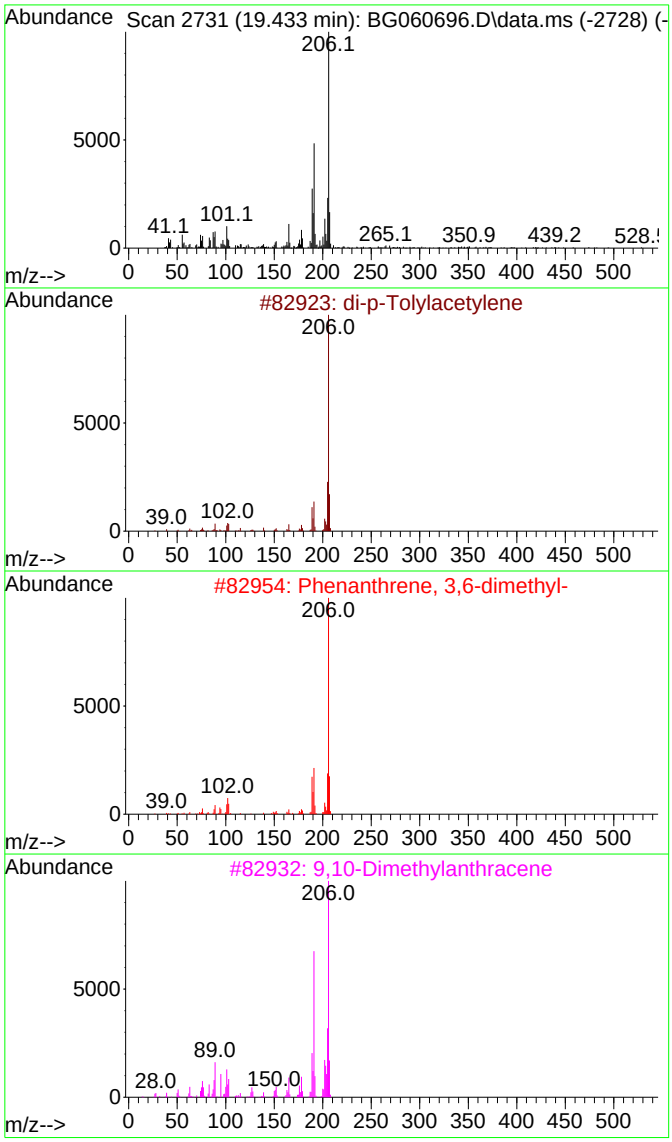
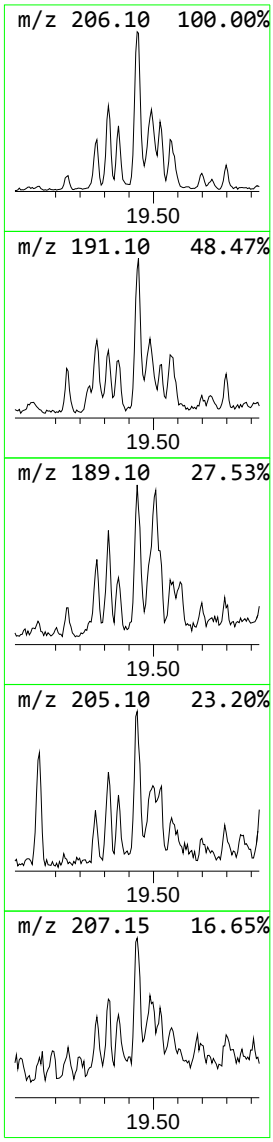
Peak Number 18 di-p-Tolylacetylene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.433	6.14 ng	424904	Phenanthrene-d10	17.677

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	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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TIC Library : C:\Database\NIST20.L
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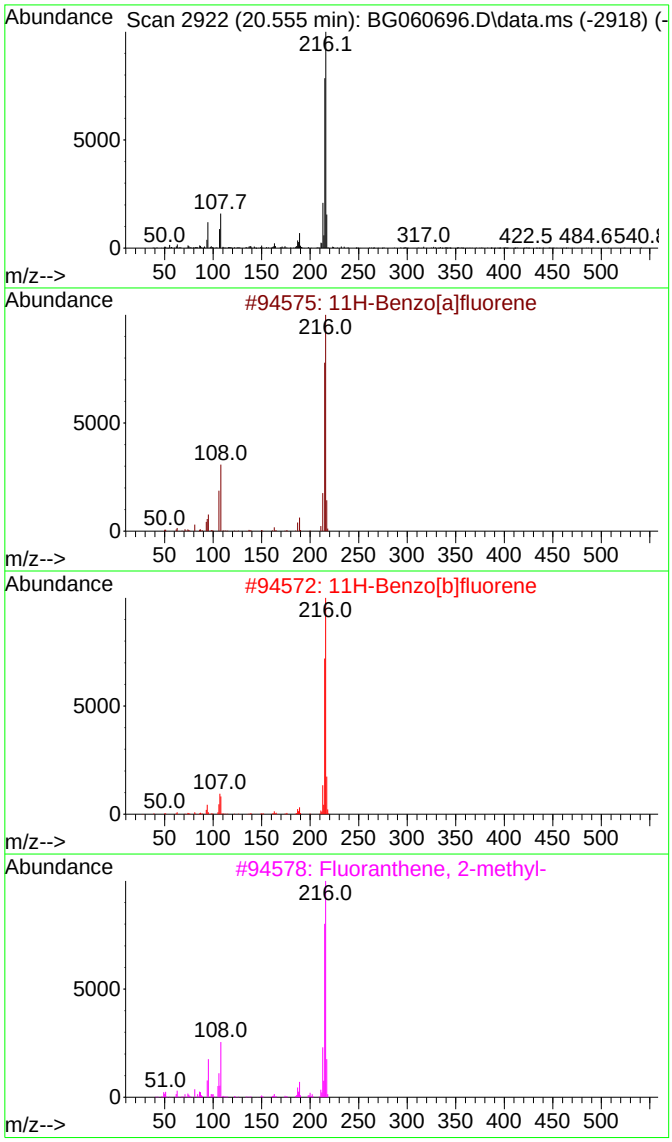
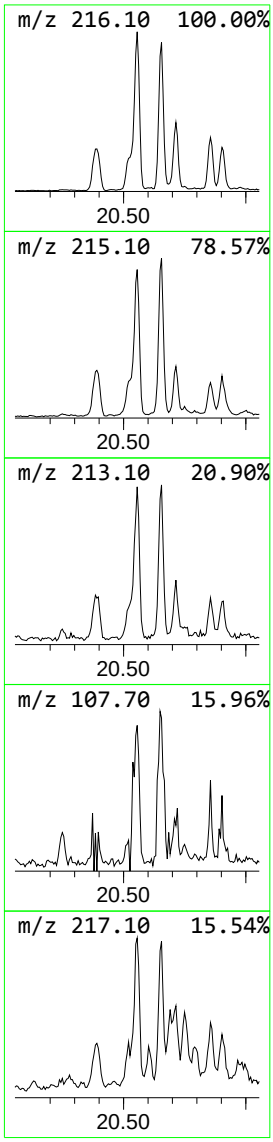
Peak Number 19 11H-Benzo[a]fluorene Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.555	4.10 ng	809882	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	78
5	1,3,5-Triazine-2,4,6-triamine, N...	216	C10H12N6	046731-79-7	59





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Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

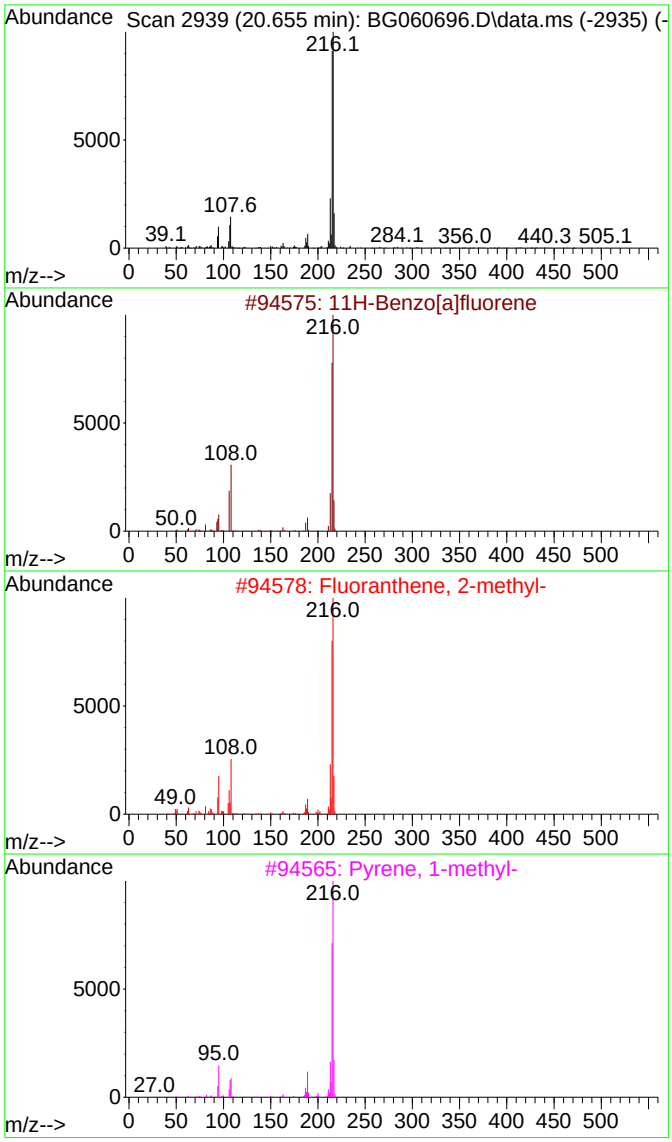
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

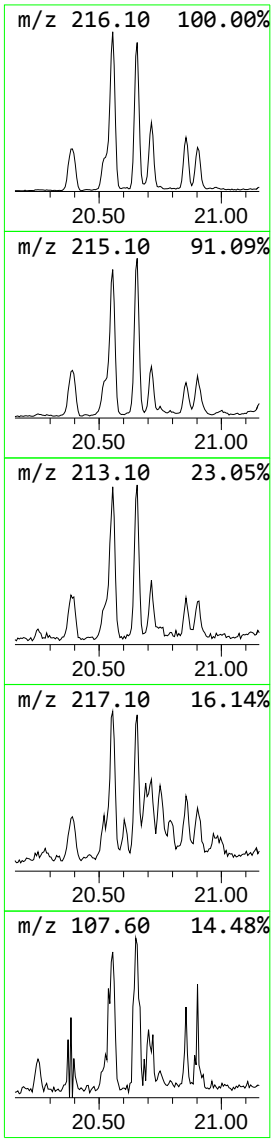
****

Peak Number 20 Fluoranthene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.655	3.75 ng	739706	Chrysene-d12	21.995

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG032024\
Data File : BG060696.D
Acq On : 20 Mar 2024 17:58
Operator : MA/JU
Sample : P1801-01 5X
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-031924

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Naphthalene, 1,...	14.098	3.8	ng	220176	3	14.927	1160240	20.0
Naphthalene, 1,...	14.239	4.4	ng	255180	3	14.927	1160240	20.0
Naphthalene, 2,...	14.298	2.9	ng	167211	3	14.927	1160240	20.0
Naphthalene, 1,...	15.514	2.1	ng	123618	3	14.927	1160240	20.0
9H-Fluoren-9-ol	16.249	3.1	ng	179062	3	14.927	1160240	20.0
9H-Fluorene, 2-...	16.960	4.2	ng	292234	4	17.677	1383570	20.0
Dibenzothiophene	17.494	5.6	ng	388373	4	17.677	1383570	20.0
Dibenzothiophen...	18.252	2.3	ng	158520	4	17.677	1383570	20.0
Phenanthrene, 2...	18.540	7.9	ng	548197	4	17.677	1383570	20.0
Anthracene, 2-m...	18.587	12.4	ng	855133	4	17.677	1383570	20.0
1H-Cyclopropa[l...	18.669	4.5	ng	310286	4	17.677	1383570	20.0
4H-Cyclopenta[d...	18.740	19.3	ng	1334930	4	17.677	1383570	20.0
Naphthalene, 2-...	19.028	5.3	ng	366336	4	17.677	1383570	20.0
9,10-Anthracene...	19.087	2.5	ng	173267	4	17.677	1383570	20.0
Phenanthrene, 3...	19.316	2.1	ng	143220	4	17.677	1383570	20.0
8,11-Octadecadi...	19.404	2.6	ng	179662	4	17.677	1383570	20.0
di-p-Tolylacety...	19.433	6.1	ng	424904	4	17.677	1383570	20.0
11H-Benzo[a]flu...	20.555	4.1	ng	809882	5	21.995	3948230	20.0
Fluoranthene, 2...	20.655	3.8	ng	739706	5	21.995	3948230	20.0