LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

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_M\Methods\8270-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM038778.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.963	291	302	311	rBV	204362	285629	8.47%	0.795%
2	5.434	376	382	390	rBV	635452	906721	26.87%	2.525%
3	7.057	649	658	670	rBV	631448	999114	29.61%	2.782%
4	7.881	792	798	805	rVB	155263	231725	6.87%	0.645%
5	9.057	991	998	1006	rBV	396062	615416	18.24%	1.714%
6	10.692	1270	1276	1282	rBV	218706	363871	10.78%	1.013%
7	10.739	1282	1284	1293	rVB	24401	35978	1.07%	0.100%
8	12.357	1552	1559	1564	rBV	23319	37784	1.12%	0.105%
9	13.157	1688	1695	1701	rBV	1323946	1774711	52.60%	4.941%
10	13.851	1807	1813	1819	rBV2	25518	47088	1.40%	0.131%
11	14.257	1877	1882	1887	rBV2	51073	73685	2.18%	0.205%
12	14.533	1921	1929	1935	rBV	372286	524699	15.55%	1.461%
13	14.598	1935	1940	1948	rVB	85736	130023	3.85%	0.362%
14	14.933	1991	1997	2006	rBV	76277	123940	3.67%	0.345%
15	15.110	2020	2027	2031	rBV2	73229	172599	5.12%	0.481%
16	15.580	2101	2107	2112	rBV	128965	183019	5.42%	0.510%
17	15.874	2152	2157	2159	rBV	36298	53748	1.59%	0.150%
18	16.027	2177	2183	2190	rVB	1370788	1781727	52.81%	4.961%
19	16.580	2271	2277	2282	rVB3	42293	75084	2.23%	0.209%
20	16.674	2290	2293	2300	rVV4	52868	81385	2.41%	0.227%
21	16.939	2334	2338	2344	rVB	40130	58983	1.75%	0.164%
22	17.015	2347	2351	2358	rVV4	23291	57690	1.71%	0.161%
23	17.098	2361	2365	2372	rVB	75067	116370	3.45%	0.324%
24	17.280	2391	2396	2400	rBV	469710	671396	19.90%	1.869%
25	17.327	2400	2404	2411	rVV	1285684	1669478	49.48%	4.648%
26	17.415	2411	2419	2424	rVV	329527	458974	13.60%	1.278%
27	17.480	2427	2430	2434	rVB	32742	46340	1.37%	0.129%
28	17.692	2458	2466	2474	rBV2	109883	190227	5.64%	0.530%
29	17.798	2481	2484	2488	rBV2	26831	34525	1.02%	0.096%
30	17.862	2491	2495	2501	rBV4	32222	55711	1.65%	0.155%
31	17.945	2503	2509	2512	rBV7	33283	56523	1.68%	0.157%
32	18.174	2541	2548	2552	rBV2	713983	1194402	35.40%	3.326%
33	18.204	2552	2553	2558	rVB	202899	209602	6.21%	0.584%
34	18.286	2564	2567	2573	rVB	89430	115794	3.43%	0.322%
35	18.356	2573	2579	2582	rBV3	256651	436754	12.94%	1.216%
36	18.392	2582	2585	2590	rVB	102997	133800	3.97%	0.373%

LSC Area Percent Report

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Sample : 01552-12
Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

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_M\Methods\8270-BM020123.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.468	2593	2598	2601	rBV2	107476	161149	4.78%	0.449%
38	18.509	2602	2605	2610	rVB3	86789	123798	3.67%	0.345%
39	18.656	2627	2630	2635	rVB	108920	130191	3.86%	0.362%
40	18.709	2635	2639	2647	rBV2	95467	129098	3.83%	0.359%
41	19.080	2698	2702	2708	rBV	78131	136330	4.04%	0.380%
42	19.227	2723	2727	2733	rVB3	51352	99594	2.95%	0.277%
43	19.350	2741	2748	2753	rBV	2054400	2699180	80.00%	7.515%
44	19.450	2760	2765	2770	rBV2	520106	673163	19.95%	1.874%
45	19.586	2785	2788	2791	rVB	47732	51596	1.53%	0.144%
46	19.674	2798	2803	2805	rBV2	251902	396662	11.76%	1.104%
47	19.709	2805	2809	2816	rVV	1803908	2255872	66.86%	6.281%
48	19.774	2816	2820	2827	rVB2	87904	133697	3.96%	0.372%
49	19.909	2835	2843	2847	rBV	2888452	3373947	100.00%	9.394%
50	19.950	2847	2850	2855	rVB2	80135	108650	3.22%	0.303%
51	20.027	2858	2863	2870	rBV3	94112	217536	6.45%	0.606%
52	20.162	2882	2886	2888	rBV4	80242	129764	3.85%	0.361%
53	20.197	2889	2892	2897	rVB	234566	323007	9.57%	0.899%
54	20.297	2905	2909	2913	rBV	190196	237906	7.05%	0.662%
55	20.356	2917	2919	2924	rVB	121254	147504	4.37%	0.411%
56	20.497	2940	2943	2946	rBV	83283	101615	3.01%	0.283%
57	20.545	2948	2951	2953	rVV	77994	83279	2.47%	0.232%
58	20.950	3017	3020	3025	rVB	118255	150112	4.45%	0.418%
59	21.115	3045	3048	3051	rVB2	134881	162581	4.82%	0.453%
60	21.156	3051	3055	3059	rBV2	279032	428856	12.71%	1.194%
61	21.456	3101	3106	3112	rBV3	1277276	2538539	75.24%	7.068%
62	21.509	3112	3115	3124	rVB	966669	1142213	33.85%	3.180%
63	21.627	3132	3135	3139	rVB	116824	136357	4.04%	0.380%
64	21.797	3160	3164	3168	rBV4	124134	212766	6.31%	0.592%
65	22.039	3203	3205	3210	rVB	148708	185676	5.50%	0.517%
66	23.133	3386	3391	3397	rBV	691126	1675490	49.66%	4.665%
67	23.650	3474	3479	3490	rVB	433940	783022	23.21%	2.180%
68	23.756	3491	3497	3504	rVB	686509	1216867	36.07%	3.388%
69	23.862	3510	3515	3520	rBV2	421893	758551	22.48%	2.112%
70	26.338	3931	3936	3950	rVB2	296301	805786	23.88%	2.244%

Sum of corrected areas: 35914869

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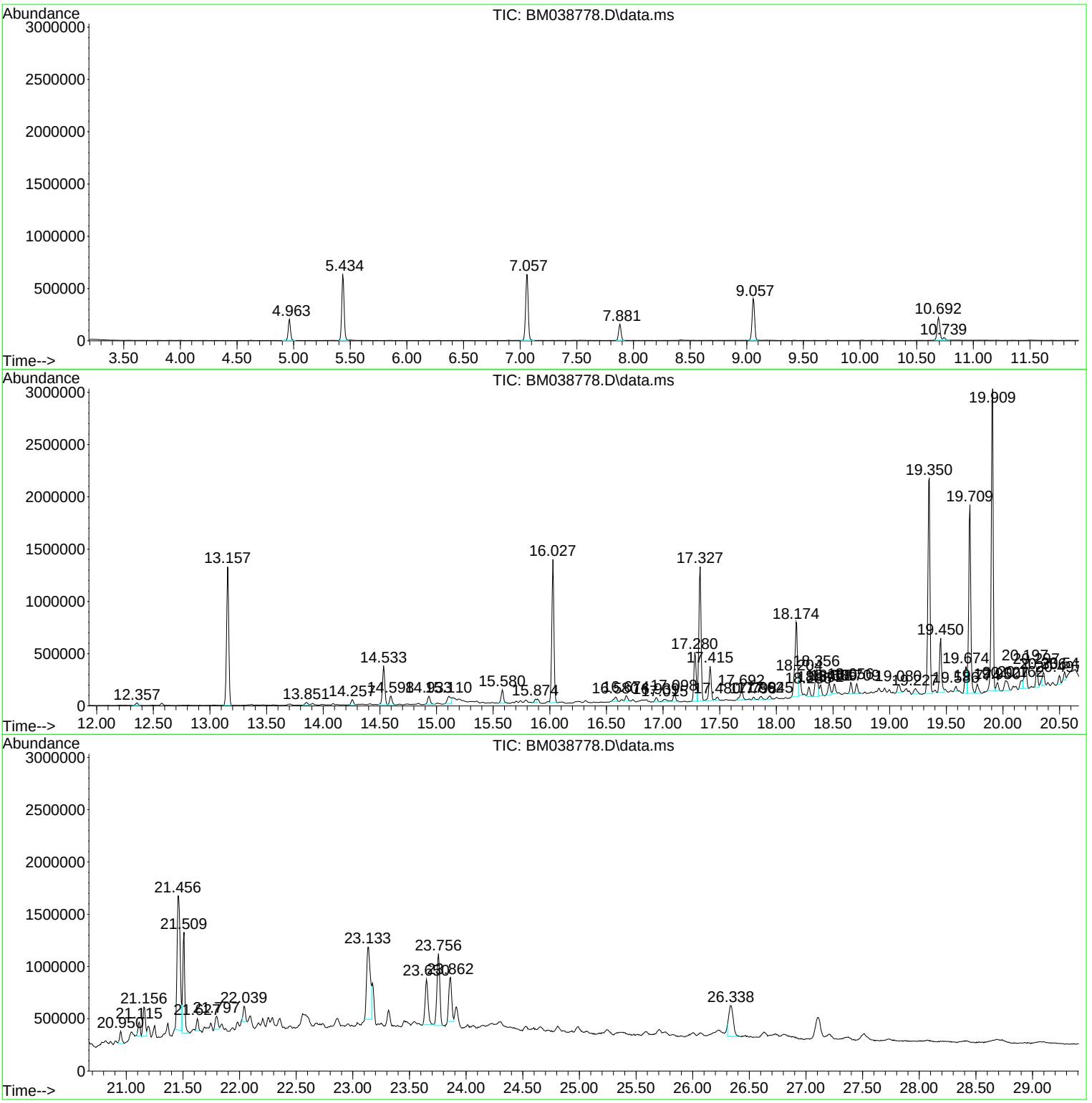
Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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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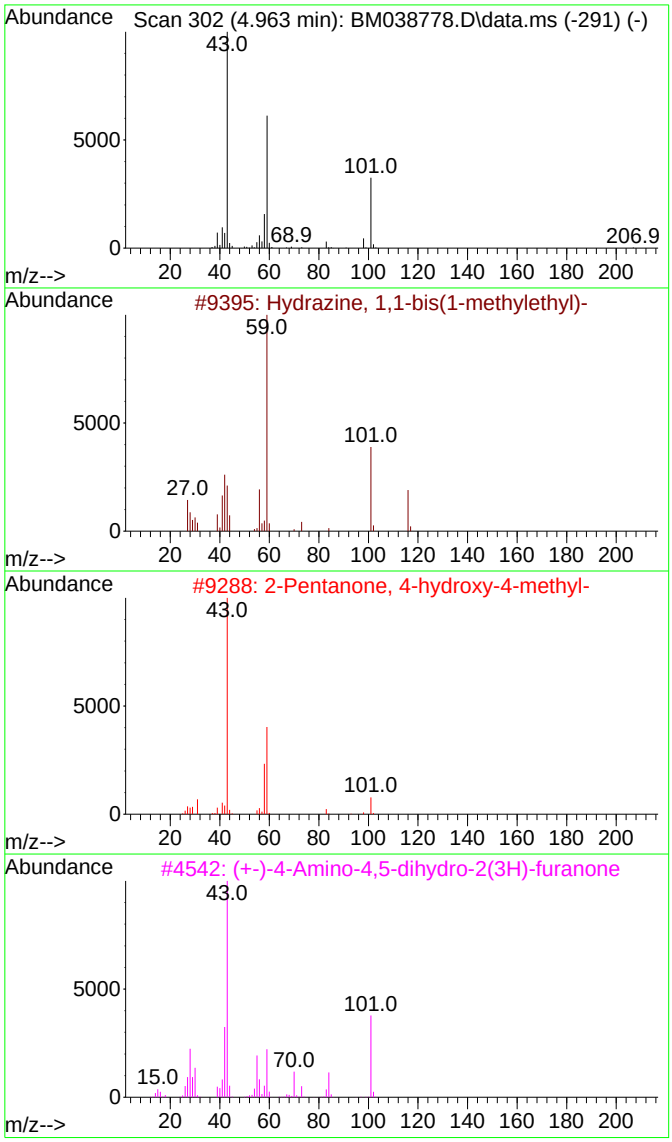
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

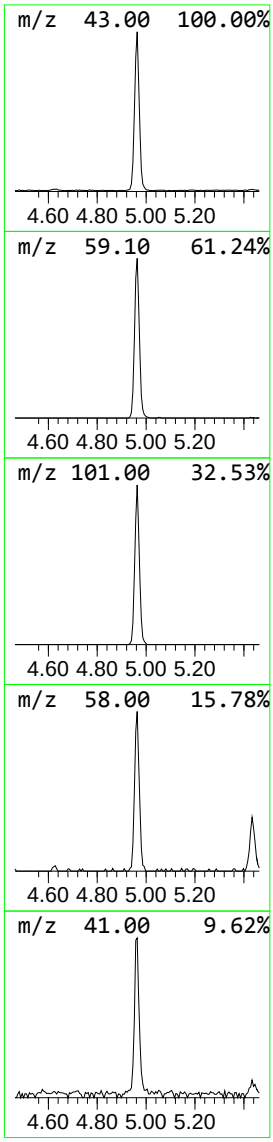
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Hydrazine, 1,1-bis(1-methyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.963	24.65 ng	285629	1,4-Dichlorobenzene-d4	7.881

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	50
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	37
4	Succinic acid, heptyl 2-methoxye...	274	C14H26O5	1000325-80-7	33
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
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Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

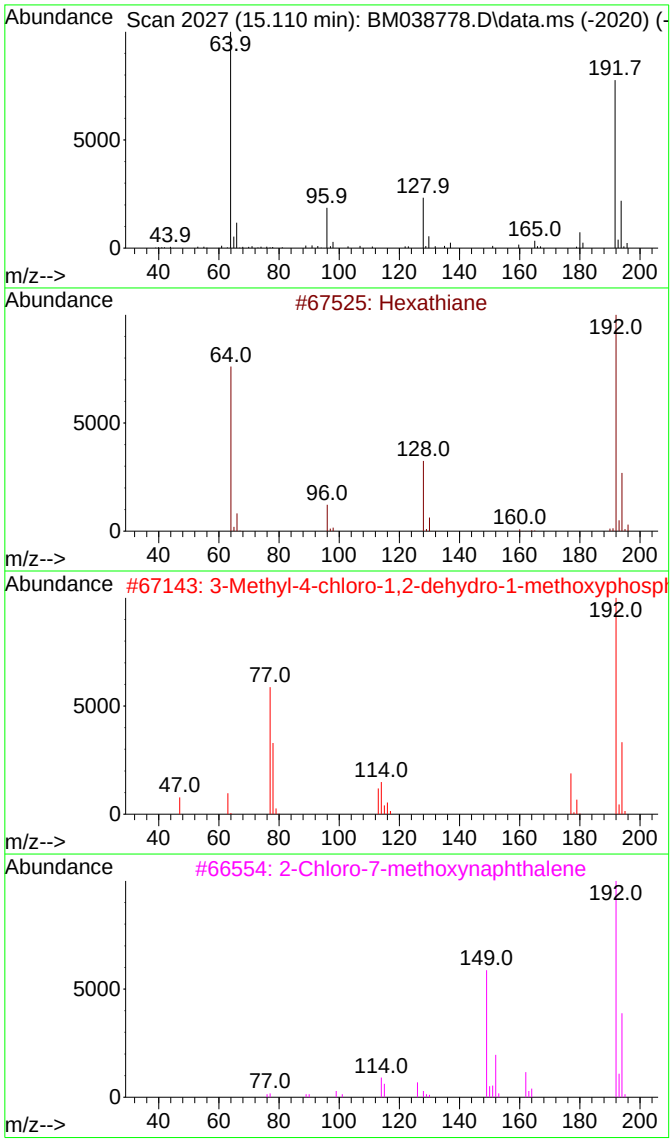
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

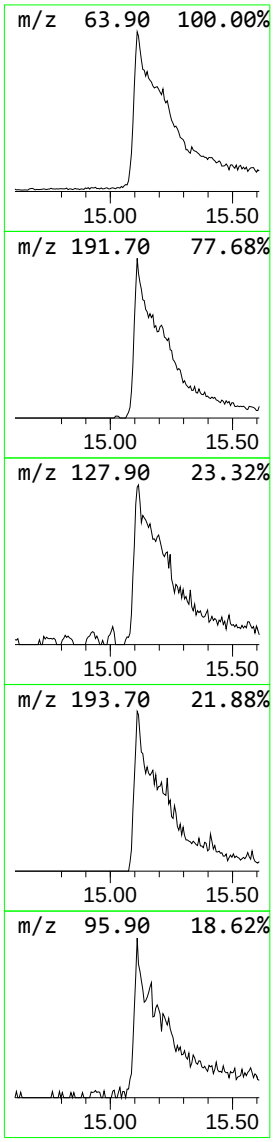
****

Peak Number 2 Hexathiane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.110	6.58 ng	172599	Acenaphthene-d10	14.533

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexathiane	192	S6	013798-23-7	91
2	3-Methyl-4-chloro-1,2-dehydro-1-...	192	C7H10ClO2P	1000306-50-3	9
3	2-Chloro-7-methoxynaphthalene	192	C11H9ClO	067061-67-0	9
4	Pyridine-3,5-dicarbonitrile, 2-a...	192	C8H5ClN4	064829-09-0	9
5	Pyrazole, 3-(p-chlorophenyl)-5-m...	192	C10H9ClN2	017629-27-5	9





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Sample : 01552-12
Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

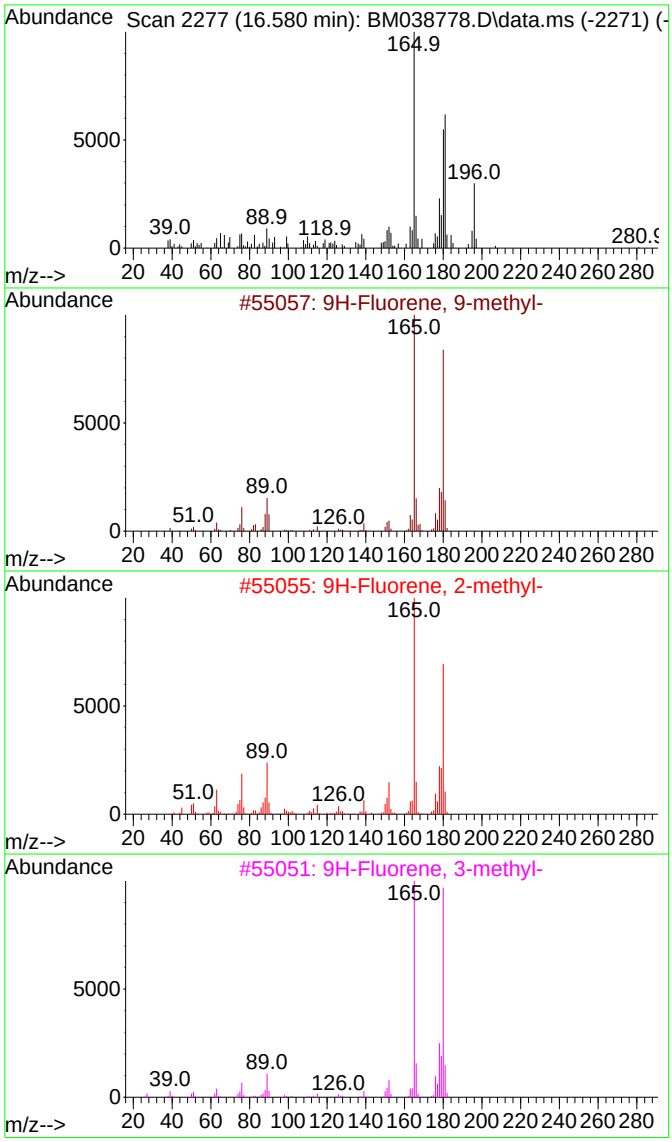
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

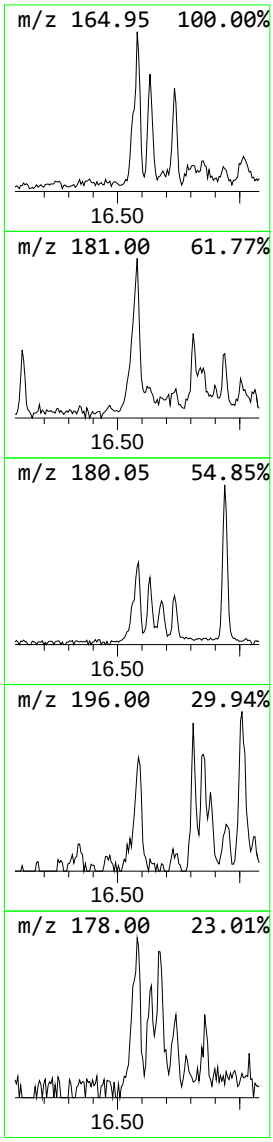
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.580	2.24 ng	75084	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	83
2	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	83
3	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	64
4	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	64
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	64





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Sample : 01552-12
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ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

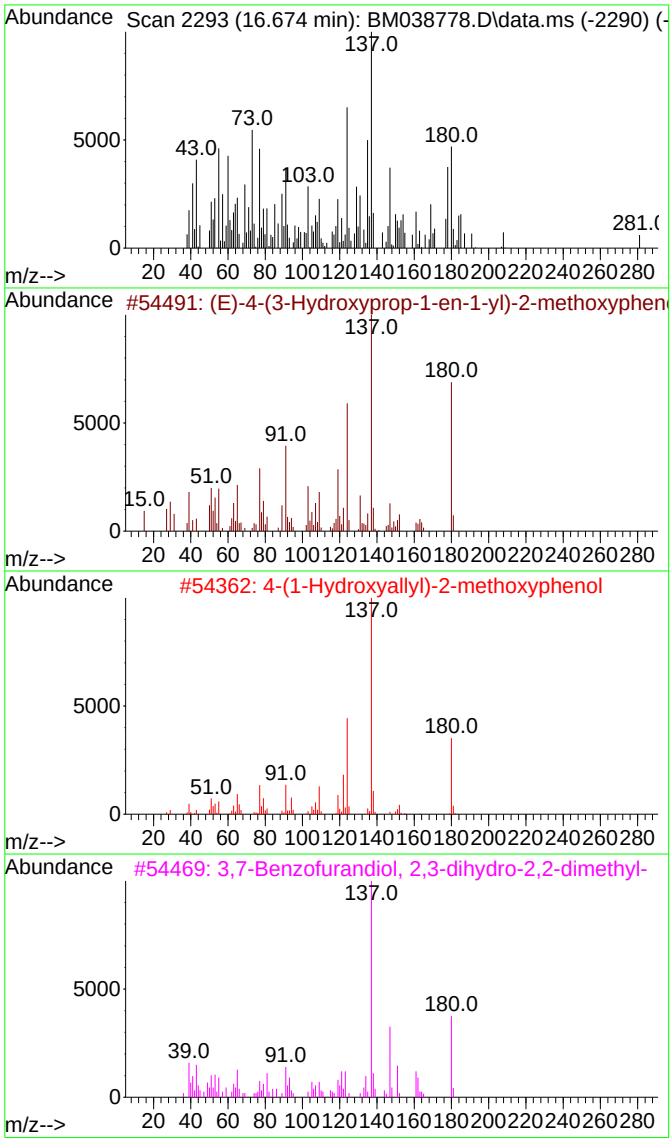
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

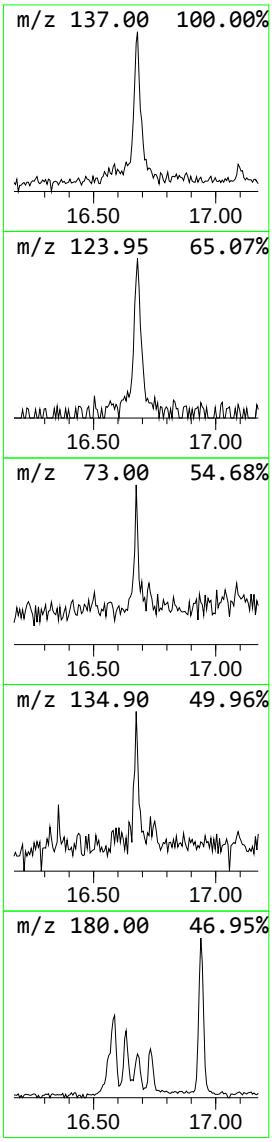
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 4 (E)-4-(3-Hydroxyprop-1-en-1... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.674	2.42 ng	81385	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	(E)-4-(3-Hydroxyprop-1-en-1-yl)-...	180	C10H12O3	032811-40-8	70
2	4-(1-Hydroxyallyl)-2-methoxyphenol	180	C10H12O3	112465-50-6	41
3	3,7-Benzofurandiol, 2,3-dihydro-...	180	C10H12O3	017781-15-6	38
4	Benzene, 1-methyl-4-[(2-methylpr...	180	C11H16S	054576-37-3	30
5	1-(2,4-Diethoxy-phenyl)-ethanone	208	C12H16O3	022924-18-1	25





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
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Sample : 01552-12
Misc :
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Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

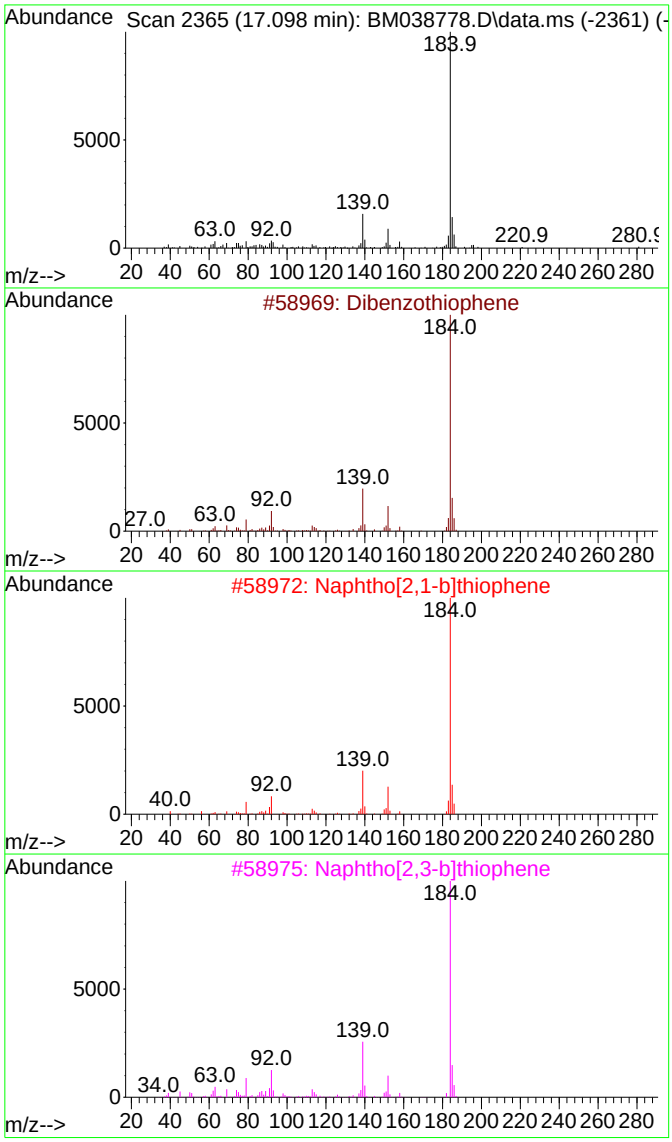
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

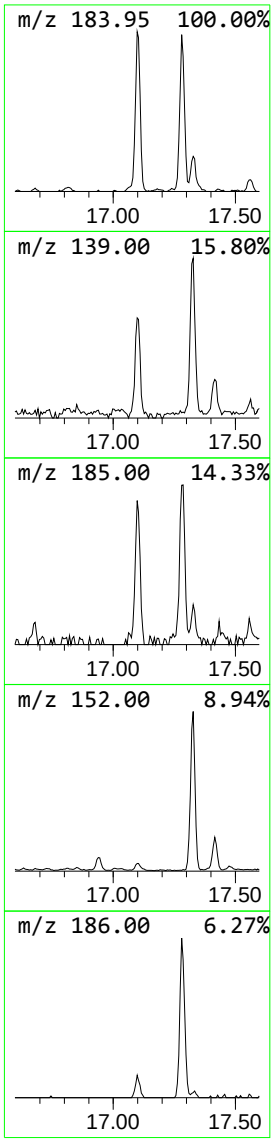
****

Peak Number 5 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.098	3.47 ng	116370	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	95
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	91
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	72





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BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

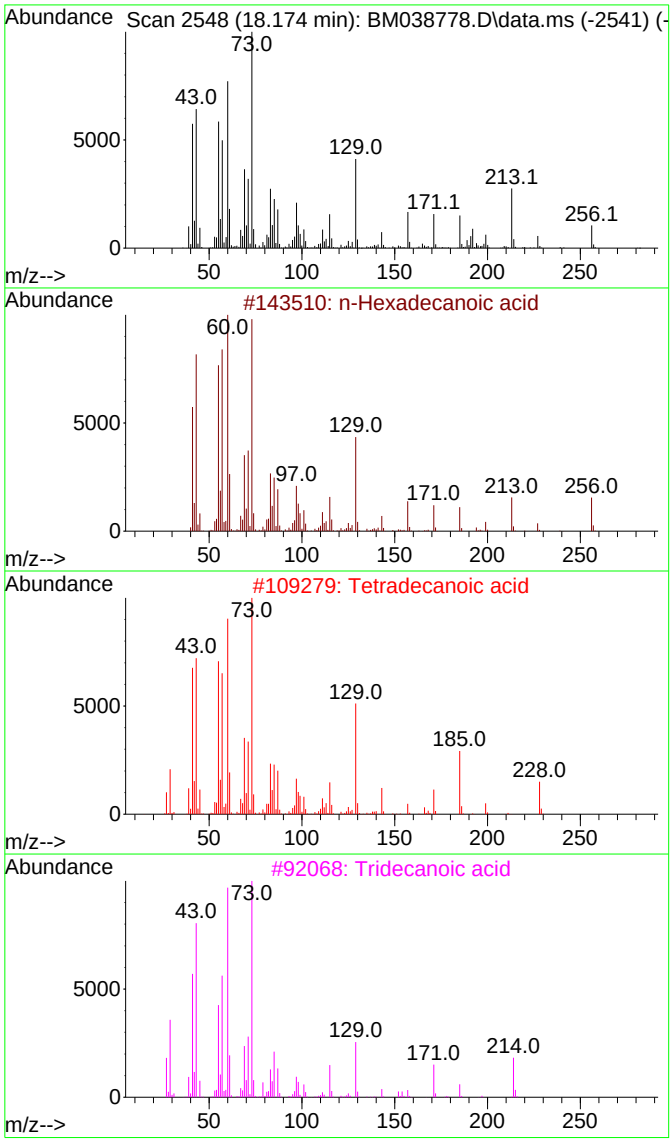
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

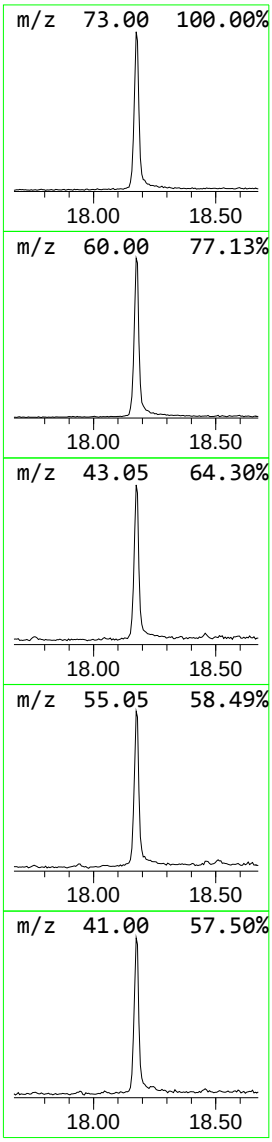
****

Peak Number 6 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.174	35.58 ng	1194400	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	89
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

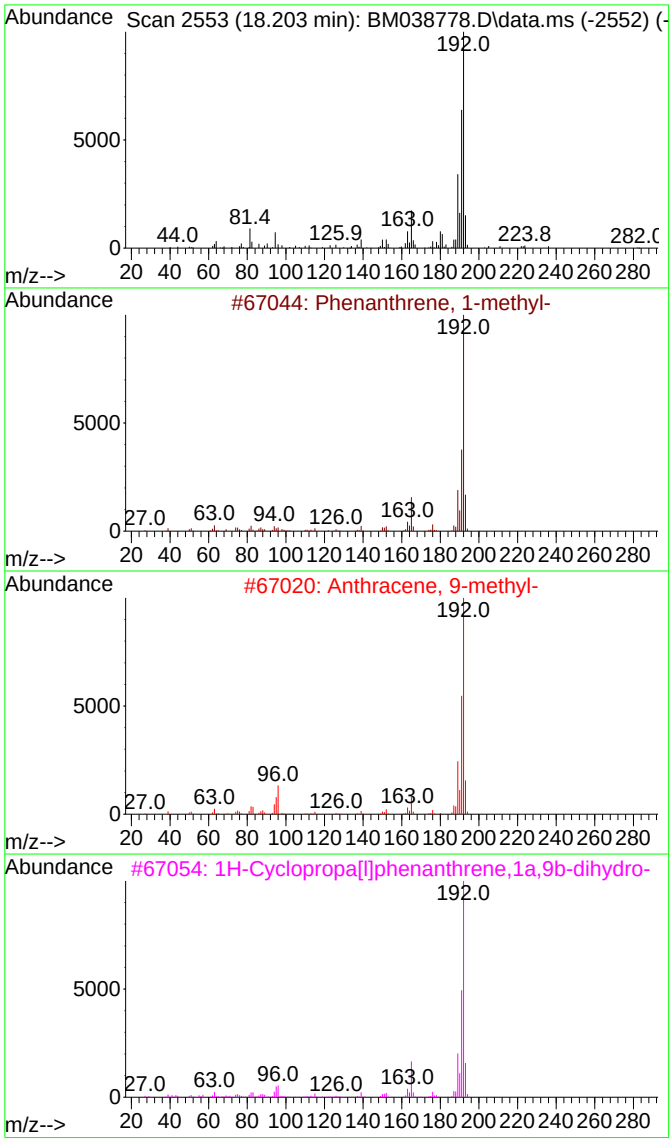
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

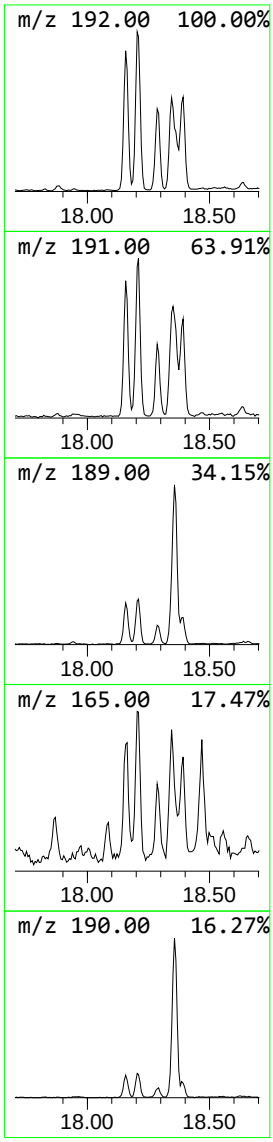
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.203	6.24 ng	209602	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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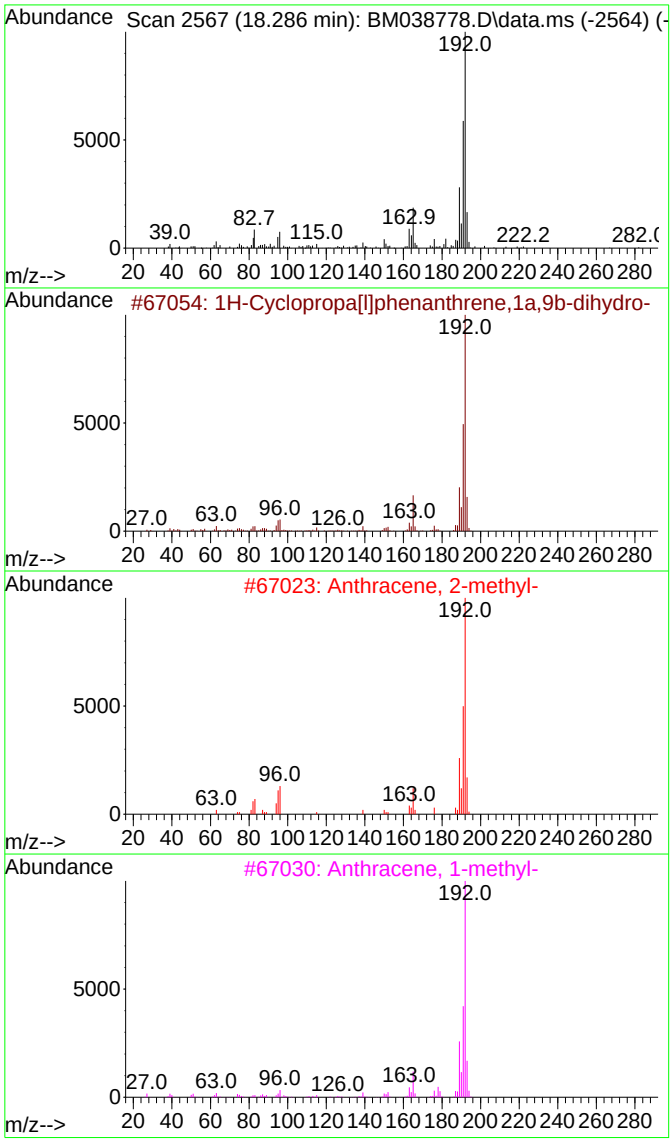
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

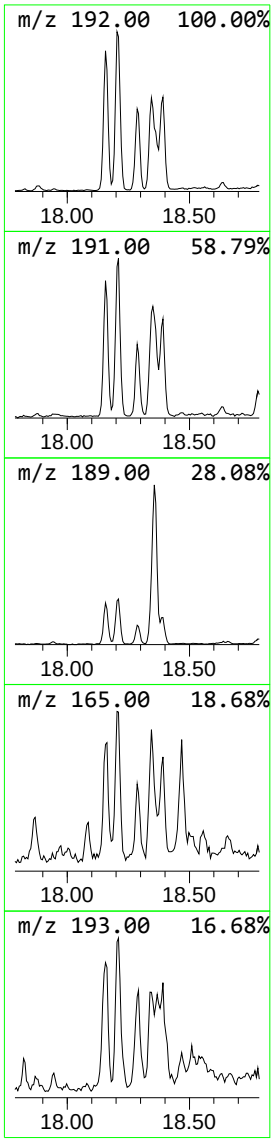
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.286	3.45 ng	115794	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91





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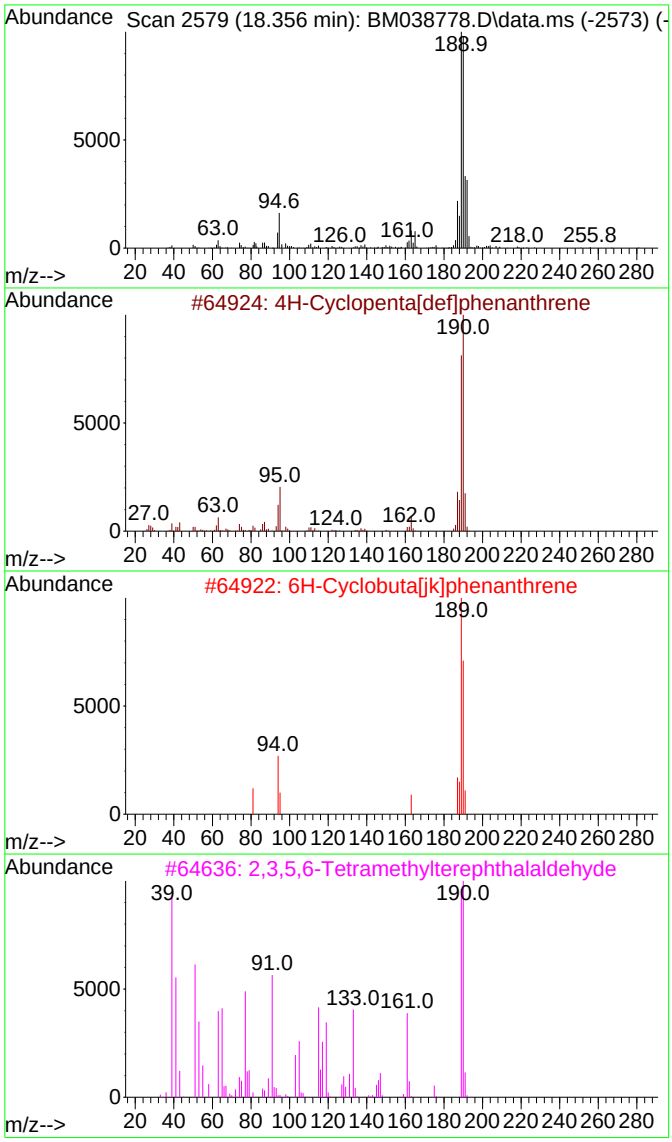
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

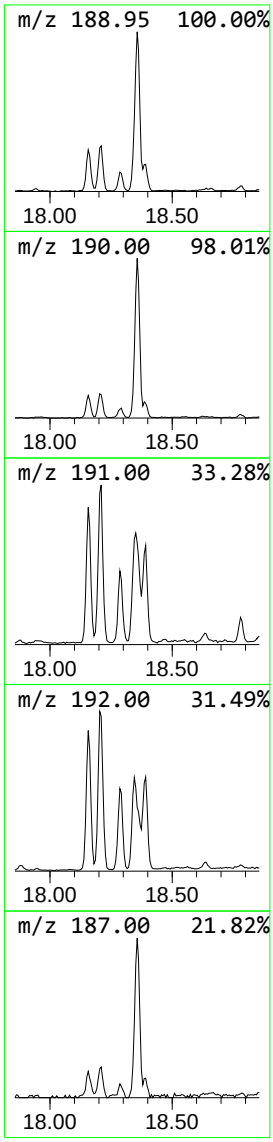
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.356	13.01 ng	436754	Phenanthrene-d10	17.280

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	64
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1-Aminocyclopentanecarboxylic ac...	375	C19H34ClNO4	1000329-17-1	27





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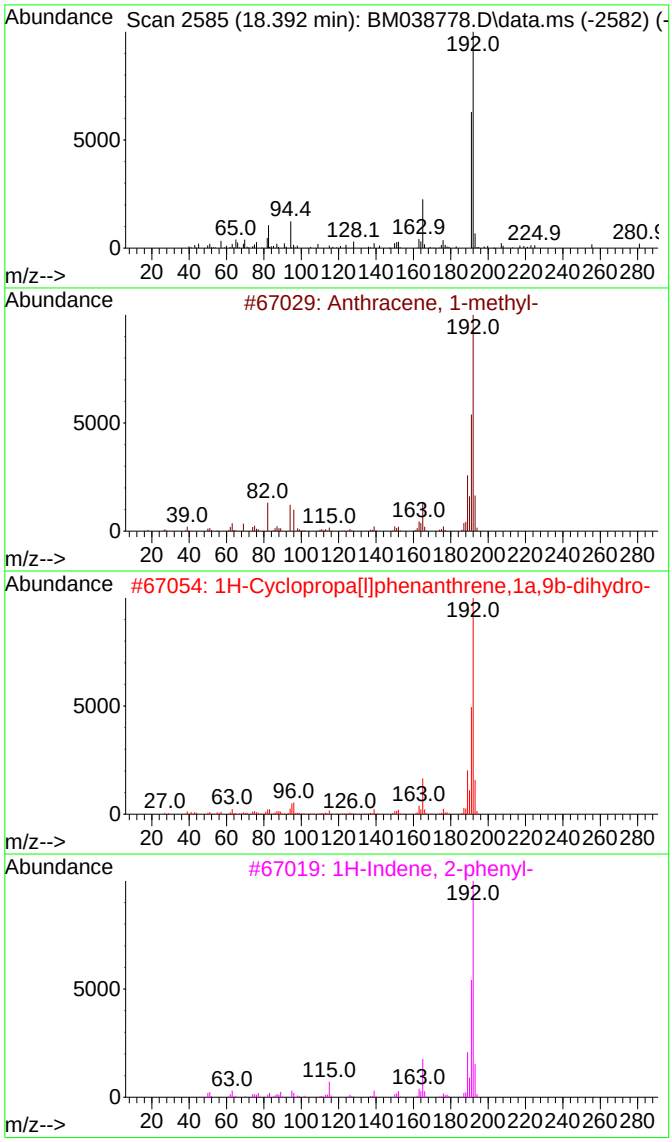
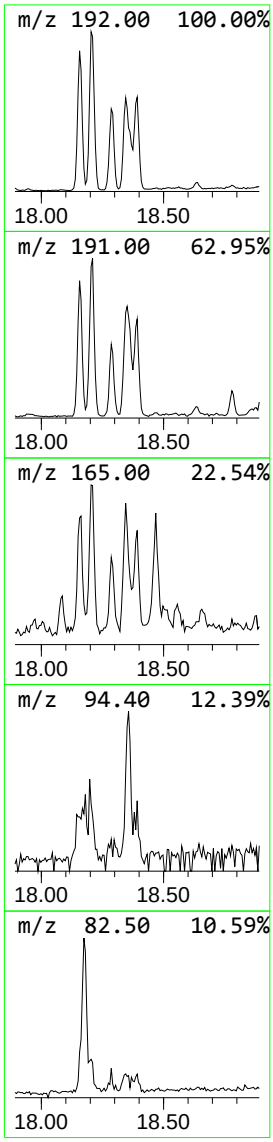
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	3.99 ng	133800	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	74
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	74
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	74
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	72





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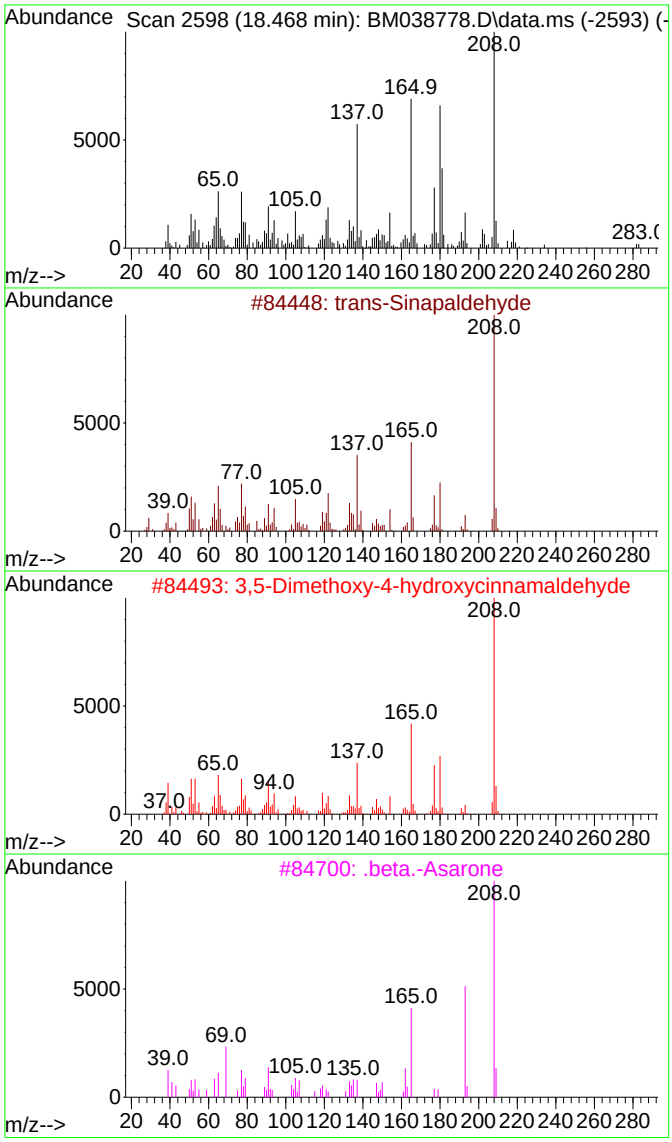
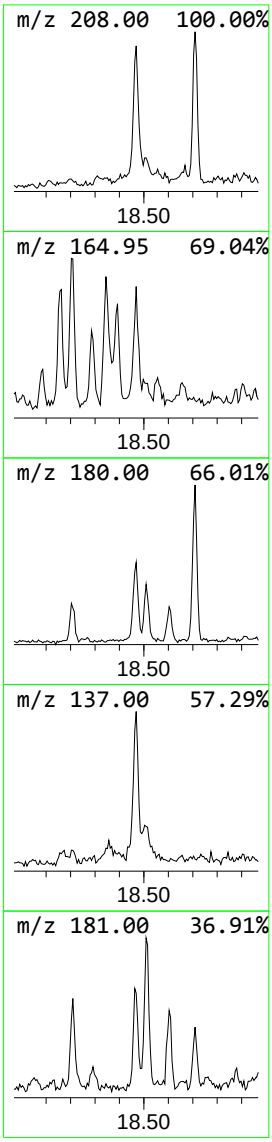
Peak Number 11 trans-Sinapaldehyde Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.468	4.80 ng	161149	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	trans-Sinapaldehyde	208	C11H12O4	004206-58-0	95
2	3,5-Dimethoxy-4-hydroxycinnamald...	208	C11H12O4	087345-53-7	76
3	.beta.-Asarone	208	C12H16O3	005273-86-9	50
4	Benzene, 1,2,4-trimethoxy-5-(1-p...	208	C12H16O3	000494-40-6	50
5	6-Amino-2-(4-methylpiperidin-1-y...	208	C10H16N4O	1000388-65-9	42





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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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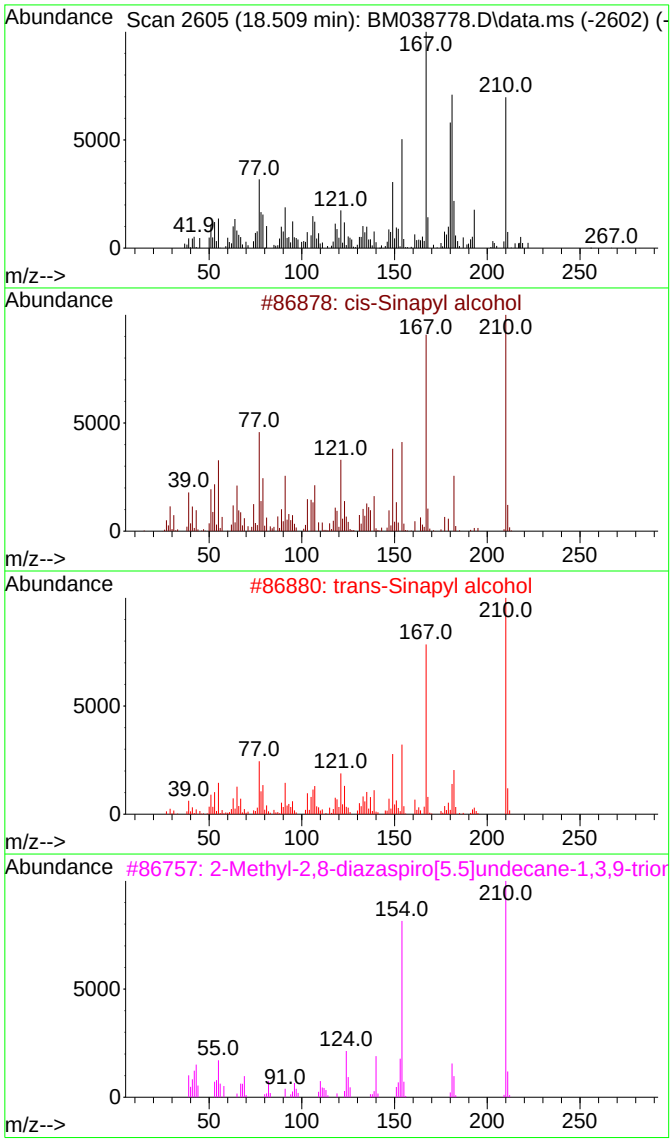
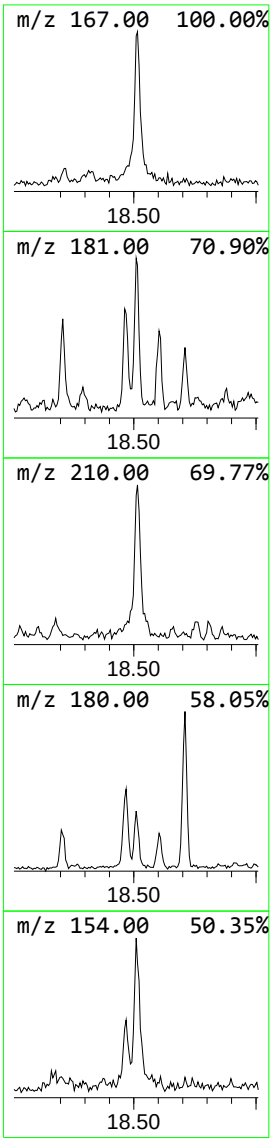
Peak Number 12 cis-Sinapyl alcohol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.509	3.69 ng	123798	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	cis-Sinapyl alcohol	210	C11H14O4	104330-63-4	52
2	trans-Sinapyl alcohol	210	C11H14O4	020675-96-1	42
3	2-Methyl-2,8-diazaspiro[5.5]unde...	210	C10H14N2O3	632298-56-7	35
4	1H-inden-1-one, 2-(2-furanylmeth...	210	C14H10O2	1000400-61-1	30
5	4aH-carbazole, 6-methyl-	181	C13H11N	1000404-86-1	30





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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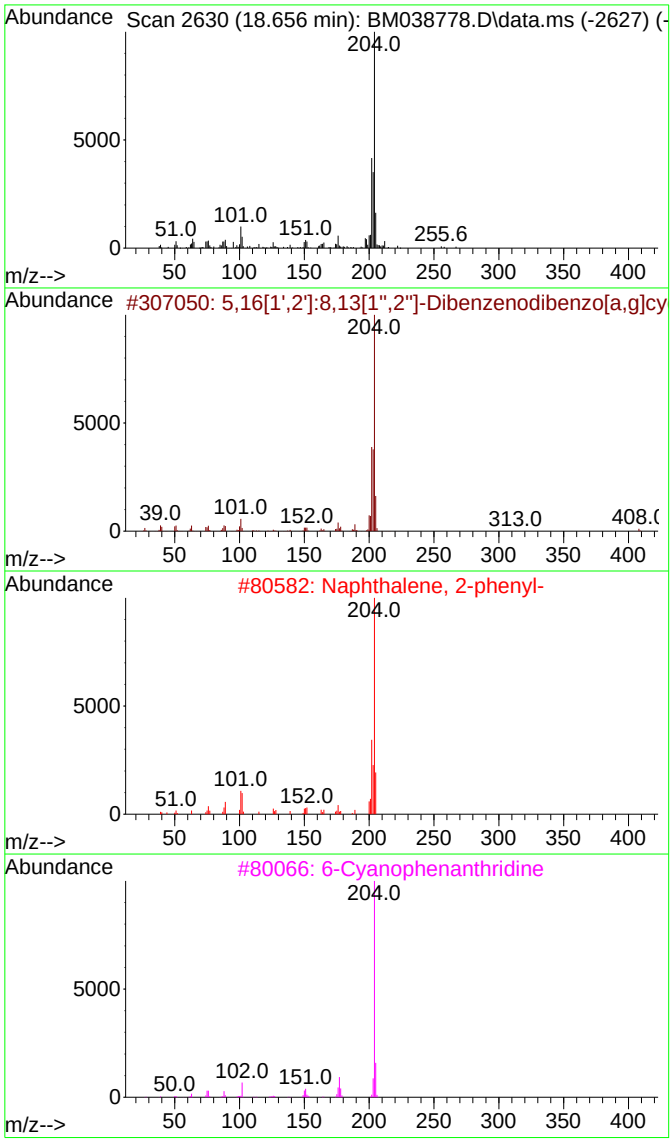
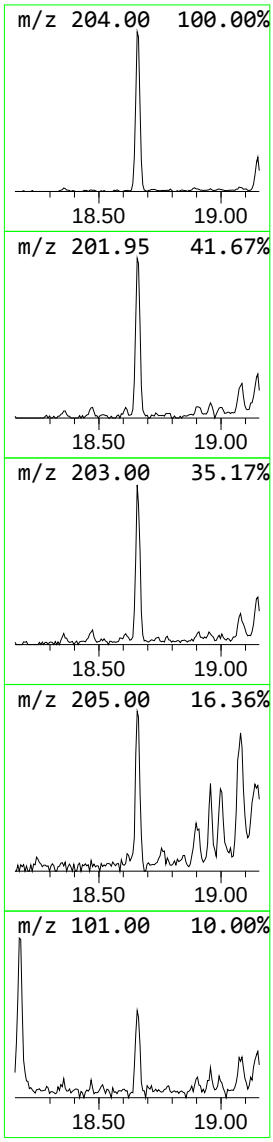
****
Peak Number 13 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.656	3.88 ng	130191	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	6-Cyanophenanthridine	204	C14H8N2	002176-28-5	55
4	9-Butyl-9-cyano-9,10-dihydroanth...	261	C19H19N	139642-81-2	50
5	[1,1'-Biphenyl]-2-ol, 5-chloro-	204	C12H9ClO	000607-12-5	47





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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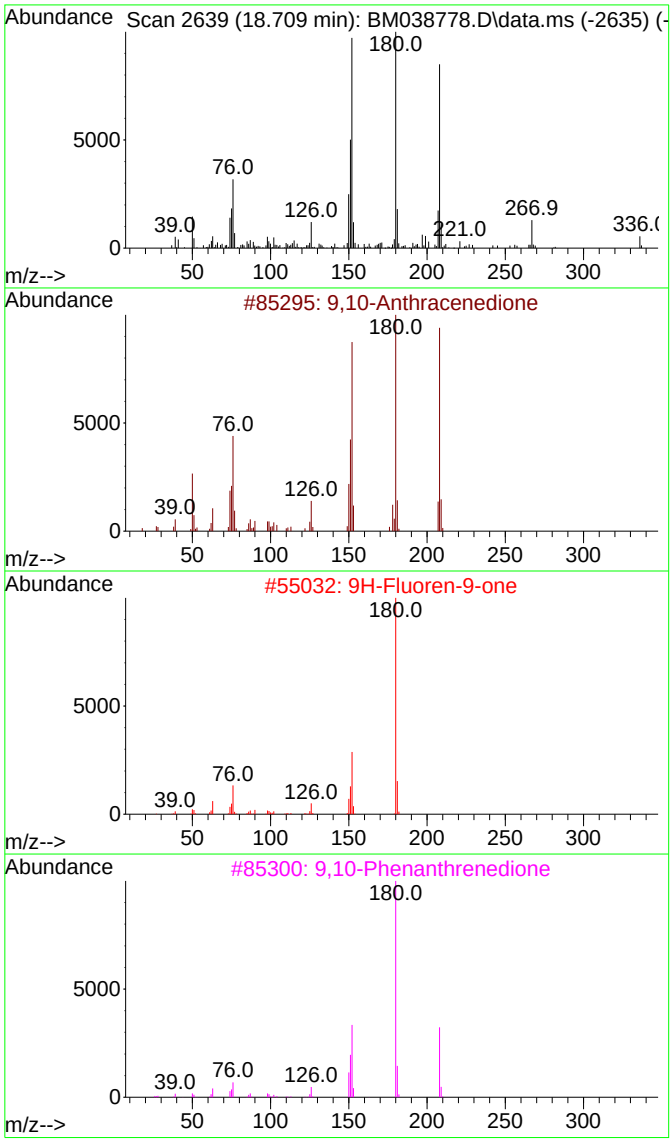
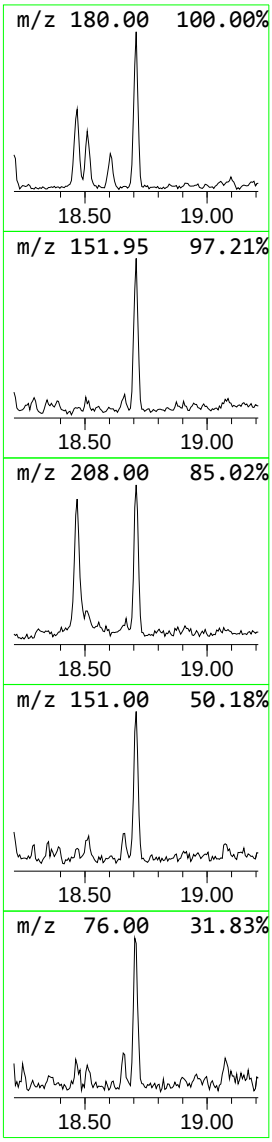
****

Peak Number 14 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.709	3.85 ng	129098	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	64
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	64
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	64
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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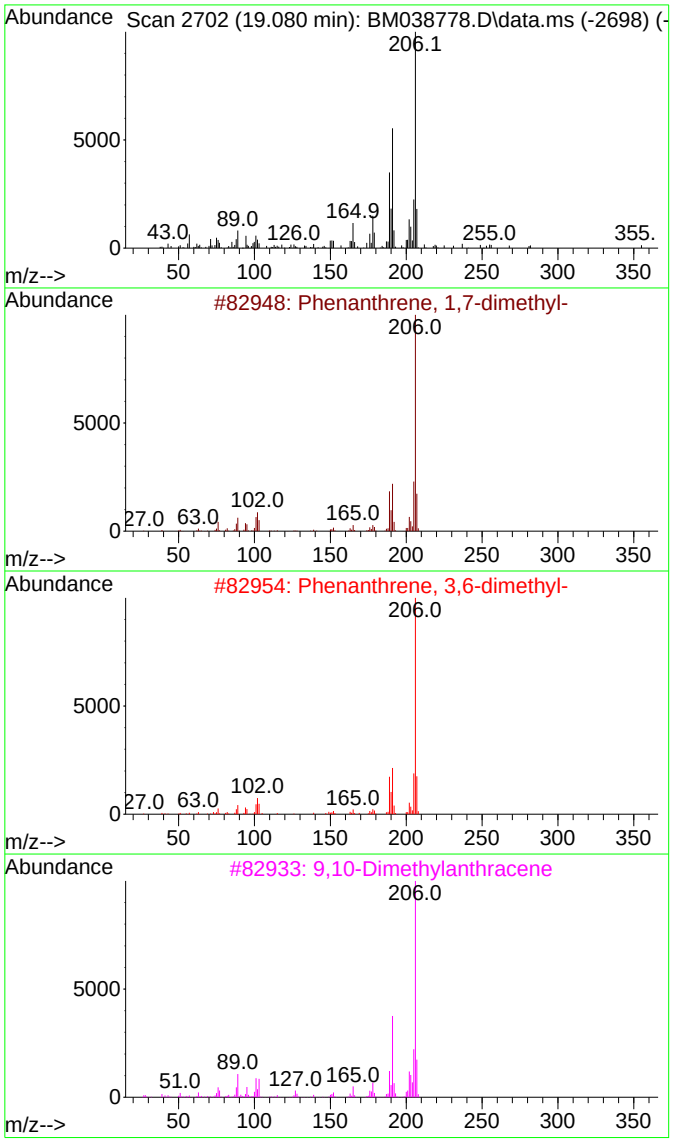
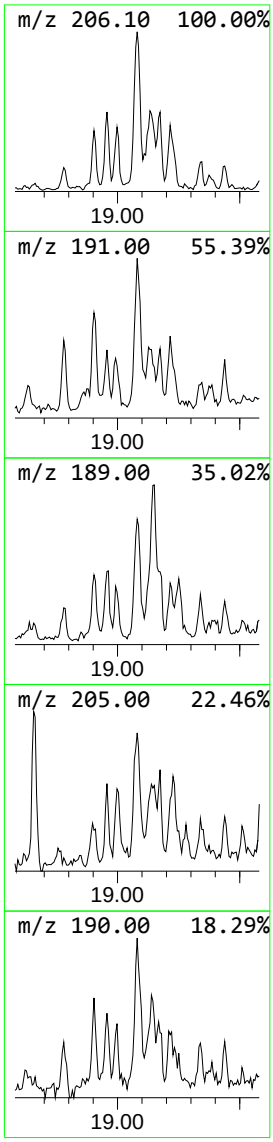
Peak Number 15 Phenanthrene, 1,7-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.080	4.06 ng	136330	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
3	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
4	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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TIC Library : C:\Database\NIST20.L
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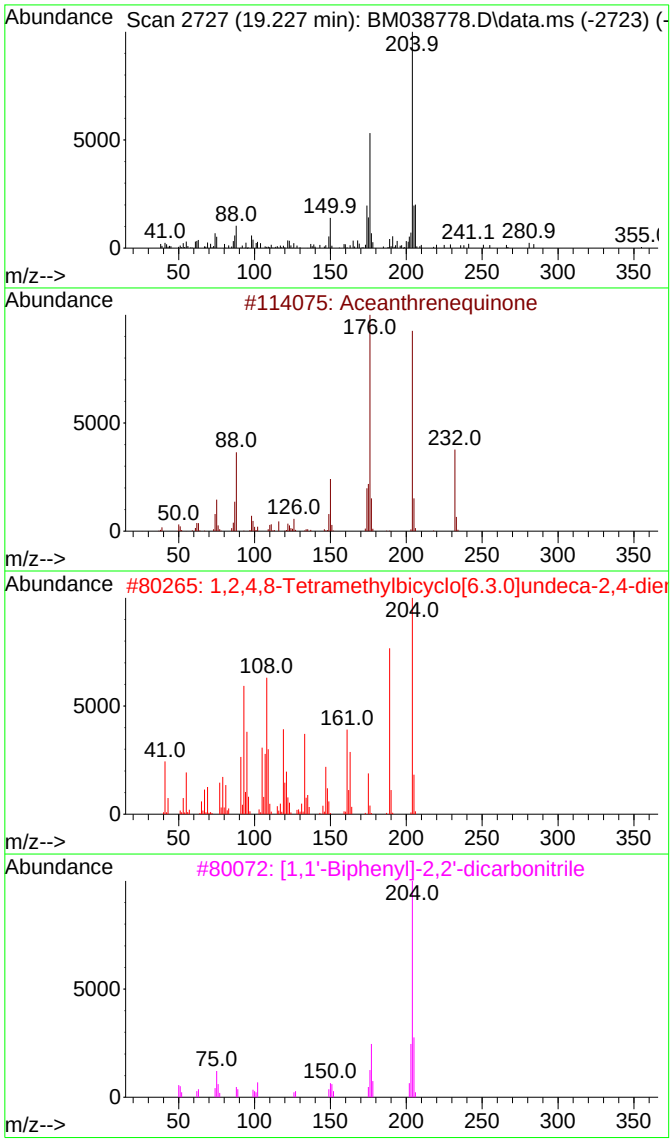
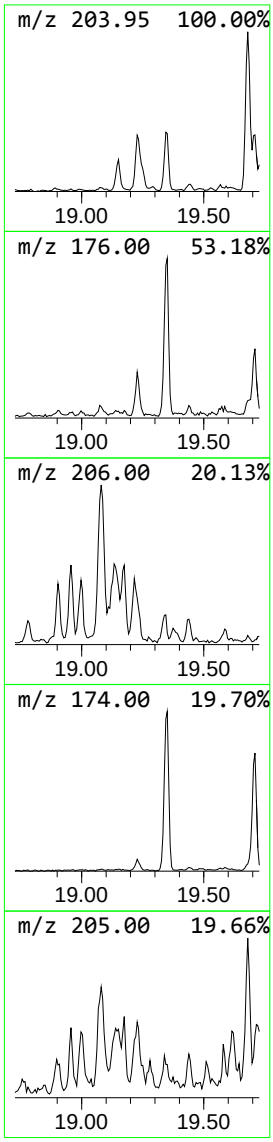
Peak Number 16 unknown19.227 Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.227	2.97 ng	99594	Phenanthrene-d10	17.280

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Aceanthrenequinone	232	C16H8O2	006373-11-1	47
2	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	45
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	Dihydrofuranno(3,2-H)homochromanone	204	C12H12O3	057052-85-4	43
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	43





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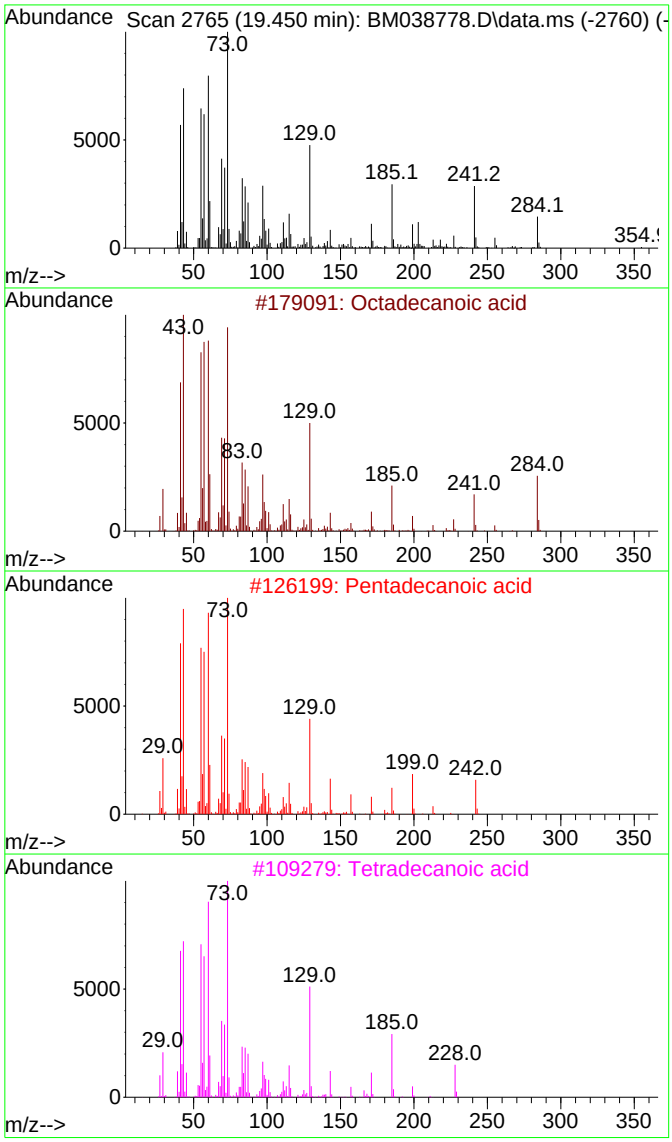
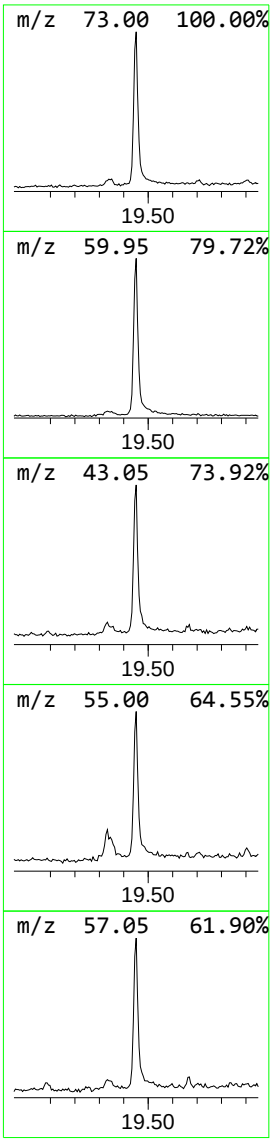
Peak Number 17 Octadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.451	5.30 ng	673163	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	87
4	Undecanoic acid	186	C11H22O2	000112-37-8	76
5	Tridecanoic acid	214	C13H26O2	000638-53-9	72





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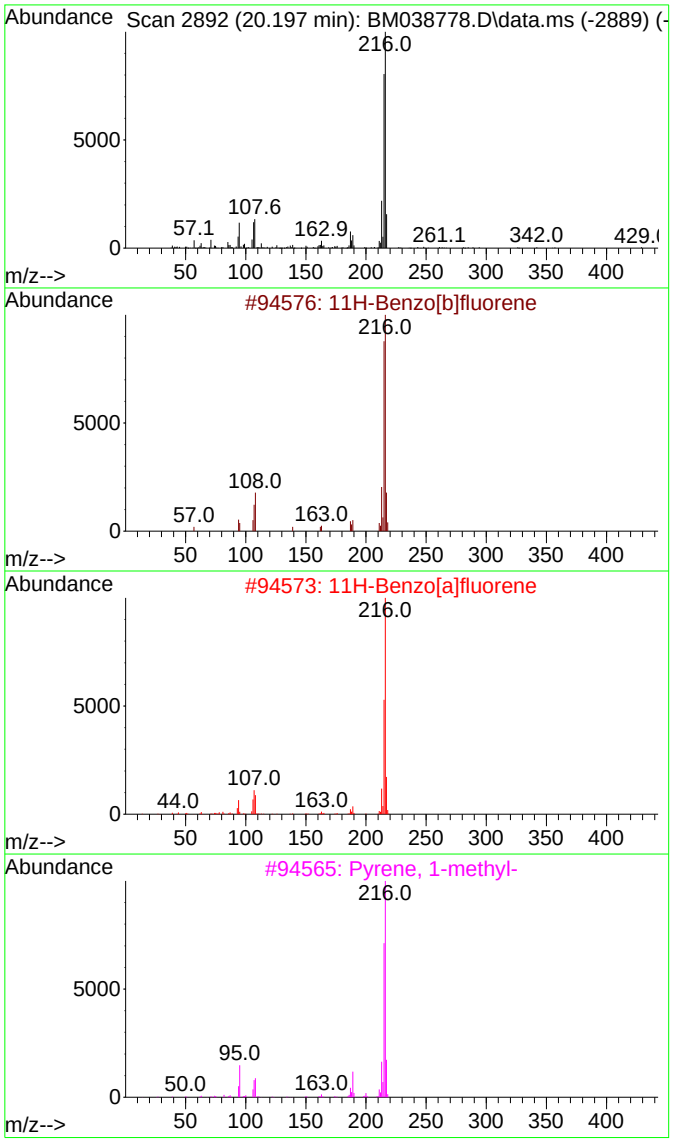
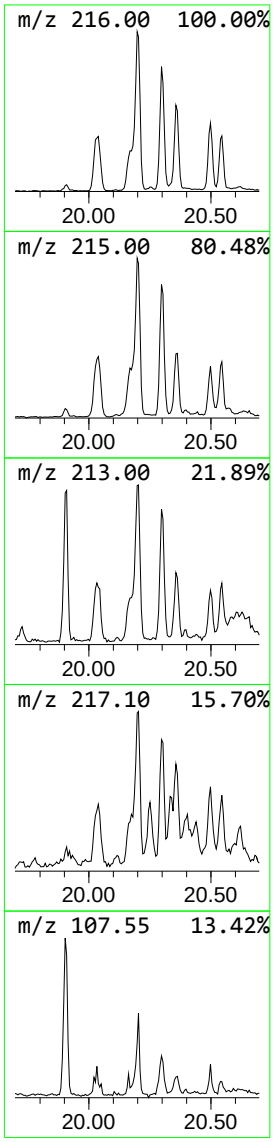
Peak Number 18 11H-Benzo[b]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.198	2.54 ng	323007	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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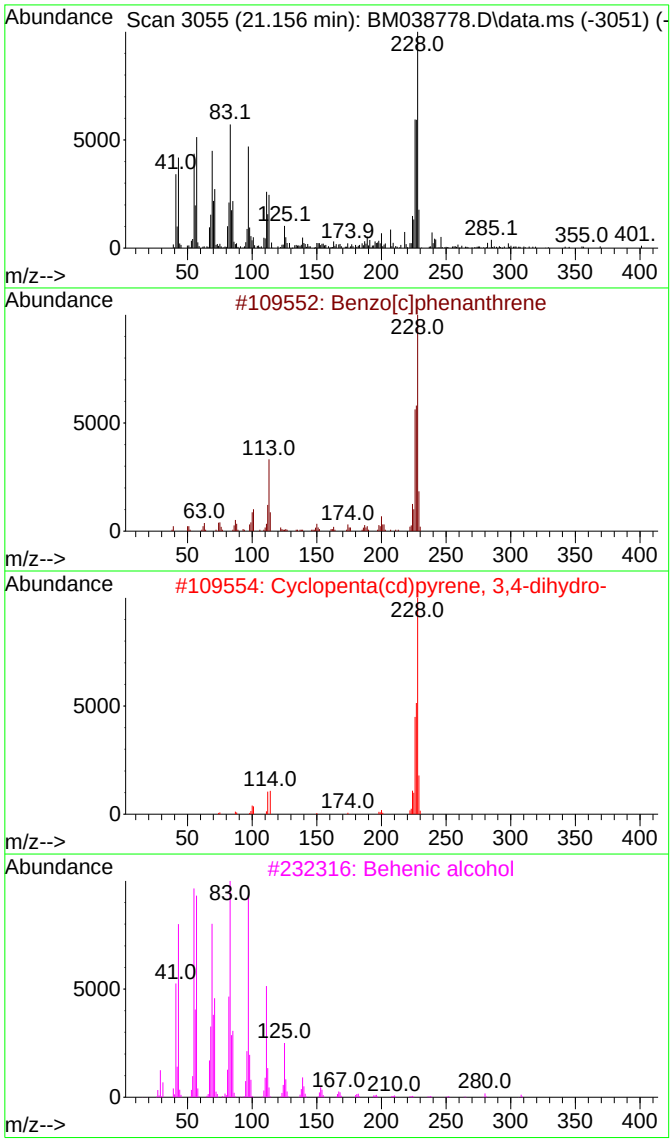
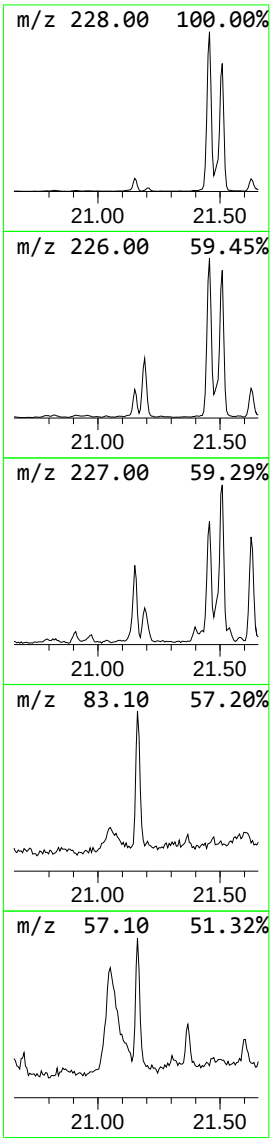
Peak Number 19 unknown21.156 Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.156	3.38 ng	428856	Chrysene-d12	21.468

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[c]phenanthrene	228	C18H12	000195-19-7	46
2	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	42
3	Behenic alcohol	326	C22H46O	000661-19-8	38
4	Octacosanol	410	C28H58O	000557-61-9	30
5	1-Heptadecene	238	C17H34	006765-39-5	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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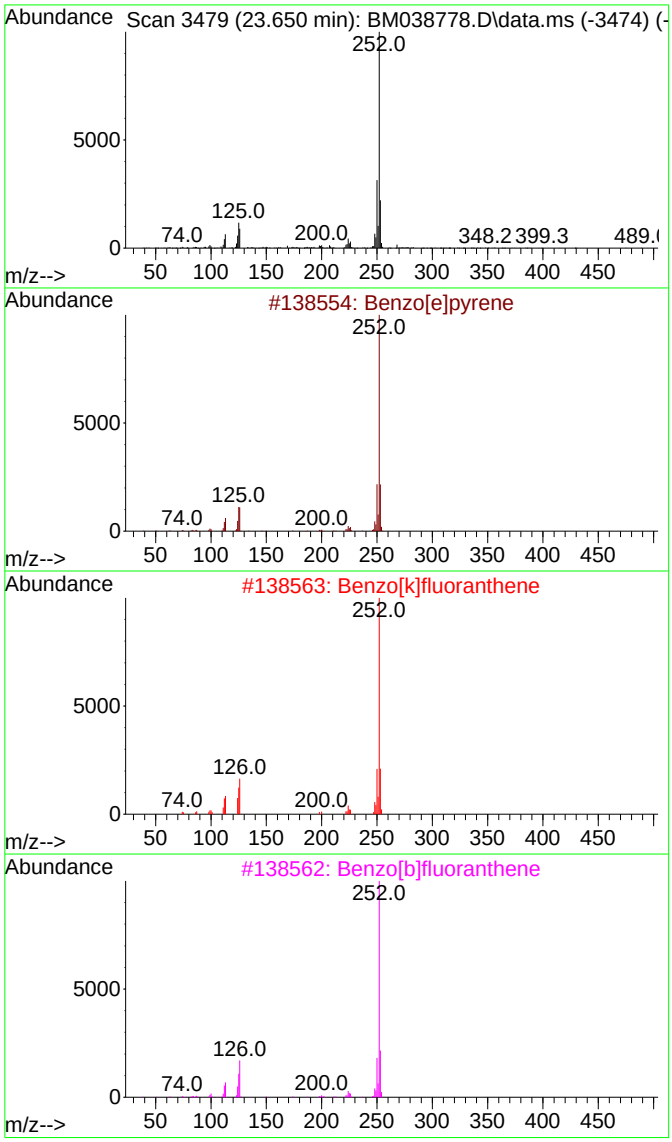
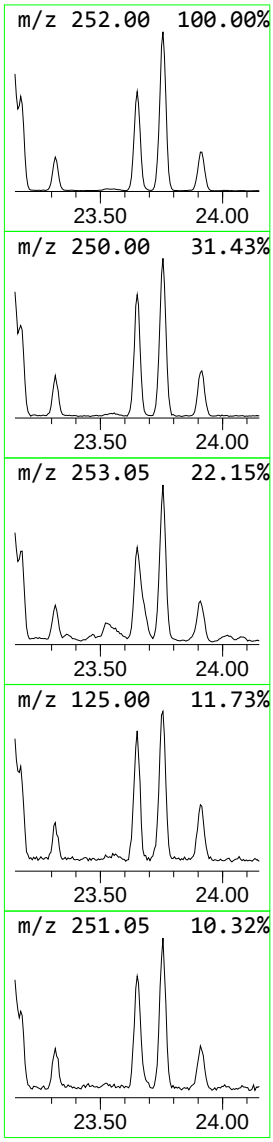
Peak Number 20 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.650	20.65 ng	783022	Perylene-d12	23.862

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	98
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM021723\
Data File : BM038778.D
Acq On : 17 Feb 2023 17:18
Operator : CG/JU
Sample : 01552-12
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-06-4.0-6.0

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM020123.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
Hydrazine, 1,1-...	4.963	24.6	ng	285629	1	7.881	231725	20.0
Hexathiane	15.110	6.6	ng	172599	3	14.533	524699	20.0
9H-Fluorene, 9-...	16.580	2.2	ng	75084	4	17.280	671396	20.0
(E)-4-(3-Hydrox...	16.674	2.4	ng	81385	4	17.280	671396	20.0
Dibenzothiophene	17.098	3.5	ng	116370	4	17.280	671396	20.0
n-Hexadecanoic ...	18.174	35.6	ng	1194400	4	17.280	671396	20.0
Phenanthrene, 1...	18.203	6.2	ng	209602	4	17.280	671396	20.0
1H-Cyclopropa[1...	18.286	3.5	ng	115794	4	17.280	671396	20.0
4H-Cyclopenta[d...	18.356	13.0	ng	436754	4	17.280	671396	20.0
Anthracene, 1-m...	18.392	4.0	ng	133800	4	17.280	671396	20.0
trans-Sinapalde...	18.468	4.8	ng	161149	4	17.280	671396	20.0
cis-Sinapyl alc...	18.509	3.7	ng	123798	4	17.280	671396	20.0
5,16[1',2']:8,1...	18.656	3.9	ng	130191	4	17.280	671396	20.0
9,10-Anthracene...	18.709	3.9	ng	129098	4	17.280	671396	20.0
Phenanthrene, 1...	19.080	4.1	ng	136330	4	17.280	671396	20.0
unknown19.227	19.227	3.0	ng	99594	4	17.280	671396	20.0
Octadecanoic acid	19.451	5.3	ng	673163	5	21.468	2538540	20.0
11H-Benzo[b]flu...	20.198	2.5	ng	323007	5	21.468	2538540	20.0
unknown21.156	21.156	3.4	ng	428856	5	21.468	2538540	20.0
Benzo[e]pyrene	23.650	20.6	ng	783022	6	23.862	758551	20.0