LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM041277.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.369	364	371	392	rBV	2283307	3322199	29.95%	3.810%
2	6.981	637	645	657	rBV	2383808	3659642	33.00%	4.197%
3	7.792	777	783	791	rBV	619208	948064	8.55%	1.087%
4	8.975	975	984	996	rBV	1425125	2335546	21.06%	2.678%
5	10.604	1254	1261	1265	rBV	858547	1422794	12.83%	1.632%
6	10.651	1265	1269	1276	rVB	247982	393162	3.54%	0.451%
7	12.269	1537	1544	1552	rBV	162001	261493	2.36%	0.300%
8	12.492	1572	1582	1591	rVB	152913	251639	2.27%	0.289%
9	13.080	1675	1682	1693	rBV	4103245	5731447	51.67%	6.573%
10	13.633	1768	1776	1782	rBV4	56183	143753	1.30%	0.165%
11	13.780	1794	1801	1806	rBV	121308	218765	1.97%	0.251%
12	13.833	1806	1810	1817	rVB	72232	123255	1.11%	0.141%
13	13.916	1817	1824	1829	rBV	93956	150538	1.36%	0.173%
14	14.186	1864	1870	1881	rVB	456990	698307	6.30%	0.801%
15	14.463	1906	1917	1923	rBV	1429318	2086527	18.81%	2.393%
16	14.527	1923	1928	1935	rVB	122221	208129	1.88%	0.239%
17	14.863	1980	1985	1993	rVB	104574	169928	1.53%	0.195%
18	15.074	2015	2021	2027	rBV3	69276	138159	1.25%	0.158%
19	15.239	2044	2049	2054	rBV3	52497	115921	1.05%	0.133%
20	15.516	2091	2096	2107	rVB	196949	375788	3.39%	0.431%
21	15.963	2166	2172	2181	rVB	3515317	4808711	43.36%	5.514%
22	16.168	2202	2207	2208	rBV	93514	114052	1.03%	0.131%
23	16.186	2208	2210	2215	rVB4	93842	144919	1.31%	0.166%
24	16.521	2260	2267	2272	rBV4	90987	221368	2.00%	0.254%
25	16.880	2324	2328	2332	rBV	105499	156102	1.41%	0.179%
26	16.962	2336	2342	2346	rVB2	133652	196284	1.77%	0.225%
27	17.039	2352	2355	2362	rVB	229473	322371	2.91%	0.370%
28	17.221	2380	2386	2390	rBV	1693231	2408412	21.71%	2.762%
29	17.262	2390	2393	2401	rVB	2155282	2930000	26.42%	3.360%
30	17.357	2403	2409	2413	rVV	704179	967599	8.72%	1.110%
31	17.639	2453	2457	2461	rVV	100089	135541	1.22%	0.155%
32	17.704	2465	2468	2472	rBV	144600	166978	1.51%	0.191%
33	17.804	2481	2485	2492	rVB2	205286	317394	2.86%	0.364%
34	17.951	2506	2510	2514	rVB	98955	160058	1.44%	0.184%
35	18.121	2531	2539	2542	rBV2	1403010	2480134	22.36%	2.844%
36	18.151	2542	2544	2550	rVV	724319	854916	7.71%	0.980%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

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-BM072823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.233	2554	2558	2563	rVV	253266	354138	3.19%	0.406%
38	18.298	2563	2569	2573	rVV2	664092	1254167	11.31%	1.438%
39	18.333	2573	2575	2583	rVB	370773	480900	4.34%	0.551%
40	18.404	2584	2587	2592	rBV2	153596	218164	1.97%	0.250%
41	18.504	2600	2604	2608	rVB	105453	136840	1.23%	0.157%
42	18.604	2617	2621	2625	rBV2	307022	421668	3.80%	0.484%
43	18.656	2627	2630	2639	rVB	254134	375569	3.39%	0.431%
44	18.821	2655	2658	2661	rBV	99112	145456	1.31%	0.167%
45	18.851	2661	2663	2668	rVV3	125236	204286	1.84%	0.234%
46	18.904	2669	2672	2675	rVV	185170	239377	2.16%	0.275%
47	18.939	2676	2678	2682	rVB2	139999	169432	1.53%	0.194%
48	19.021	2688	2692	2698	rBV2	434173	826240	7.45%	0.948%
49	19.115	2706	2708	2712	rVB	166917	184385	1.66%	0.211%
50	19.174	2712	2718	2723	rBV4	251639	556648	5.02%	0.638%
51	19.292	2729	2738	2747	rBV	7113887	11091414	100.00%	12.719%
52	19.409	2754	2758	2761	rBV2	483349	615730	5.55%	0.706%
53	19.439	2761	2763	2769	rVB	359989	445485	4.02%	0.511%
54	19.539	2776	2780	2782	rBV2	207567	307258	2.77%	0.352%
55	19.621	2790	2794	2796	rBV	373683	495371	4.47%	0.568%
56	19.656	2796	2800	2808	rVB	3174099	4192832	37.80%	4.808%
57	19.727	2809	2812	2817	rVB2	211593	311393	2.81%	0.357%
58	19.862	2829	2835	2839	rBV	5750408	6649866	59.96%	7.626%
59	19.980	2850	2855	2863	rBV4	308448	734107	6.62%	0.842%
60	20.151	2875	2884	2890	rVB	576056	1394319	12.57%	1.599%
61	20.256	2898	2902	2906	rVB	270458	328457	2.96%	0.377%
62	20.309	2908	2911	2915	rVB	408274	519254	4.68%	0.595%
63	20.450	2932	2935	2939	rBV	342356	407297	3.67%	0.467%
64	20.498	2939	2943	2947	rVV	385427	472728	4.26%	0.542%
65	20.909	3010	3013	3019	rVB	241213	327352	2.95%	0.375%
66	21.068	3037	3040	3044	rVB	382308	483240	4.36%	0.554%
67	21.127	3044	3050	3058	rBV4	390556	1033377	9.32%	1.185%
68	21.421	3094	3100	3104	rBV2	2087576	4224548	38.09%	4.845%
69	21.462	3104	3107	3113	rVB	1483575	1775707	16.01%	2.036%
70	21.997	3196	3198	3204	rVB	355211	441440	3.98%	0.506%
71	23.086	3378	3383	3388	rBV	793999	1777858	16.03%	2.039%
72	23.591	3465	3469	3478	rVB	706091	1280795	11.55%	1.469%
73	23.697	3482	3487	3495	rVB	1040691	1861183	16.78%	2.134%
74	23.803	3500	3505	3510	rVB	761207	1323397	11.93%	1.518%

Sum of corrected areas: 87201573

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

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Misc :
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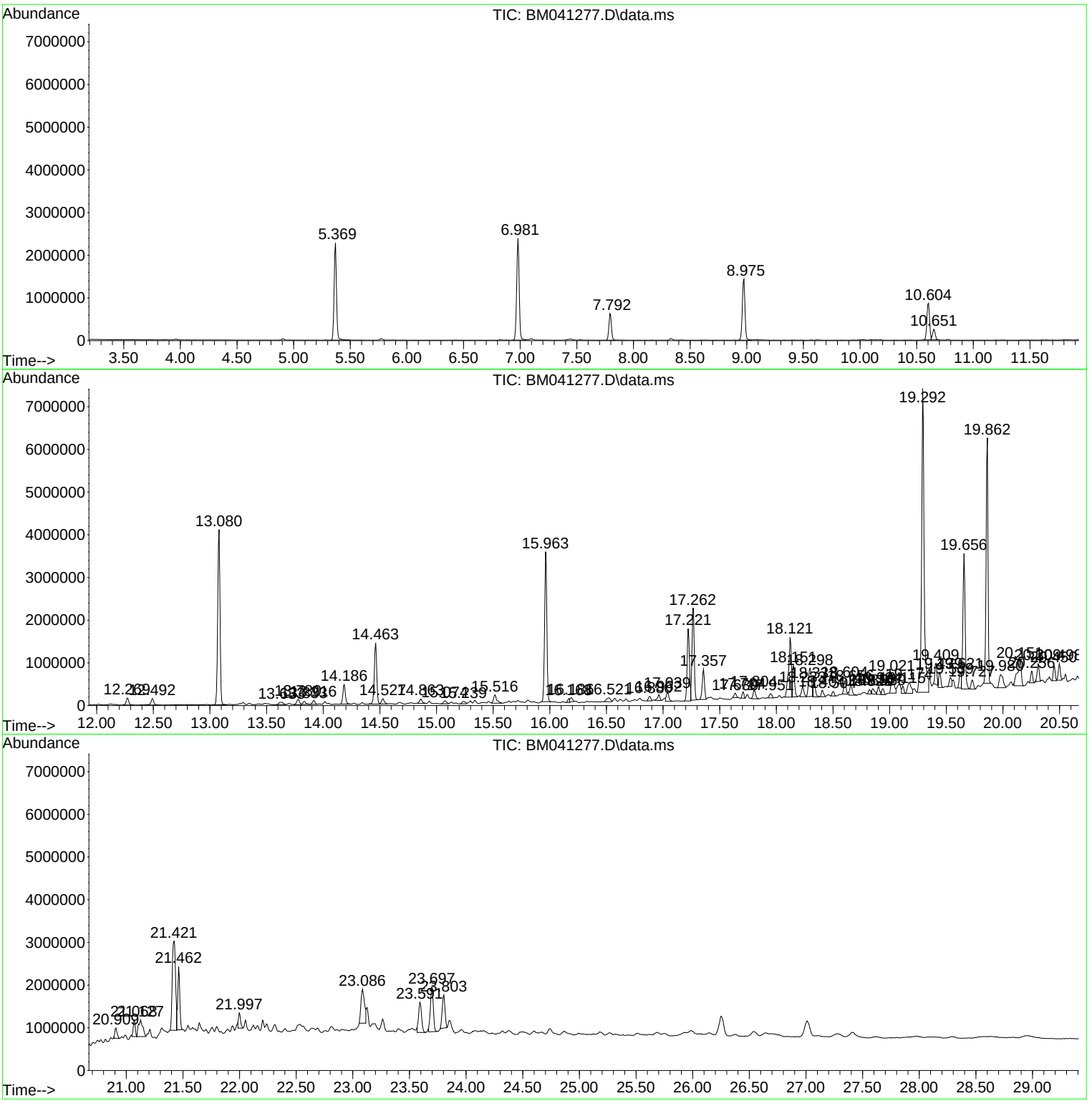
Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
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BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

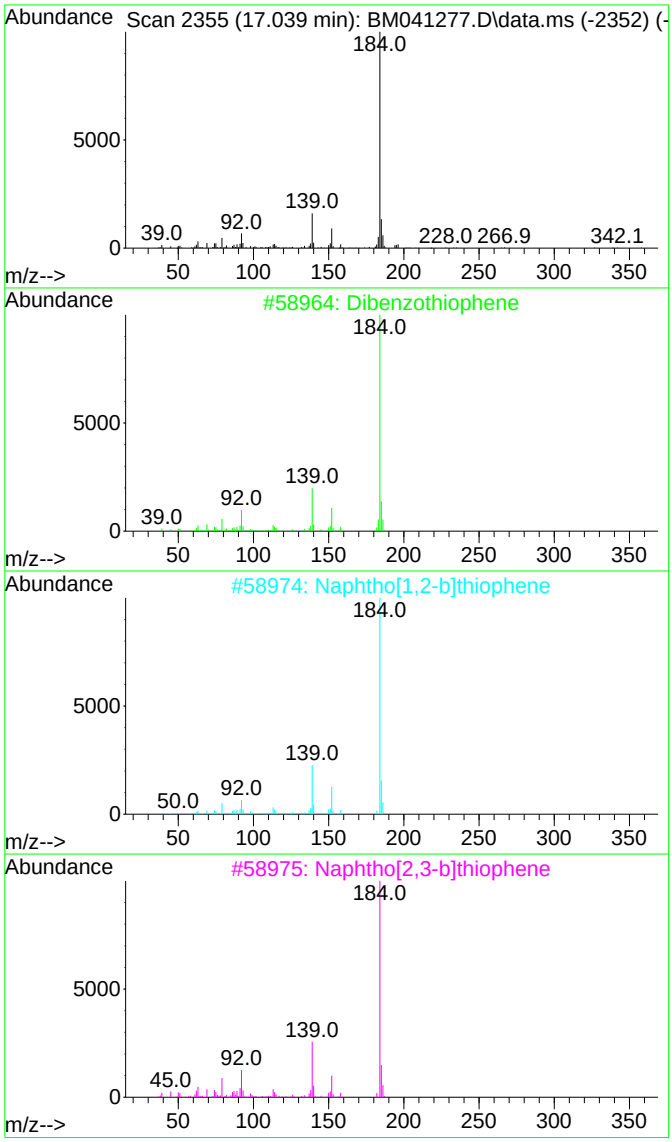
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

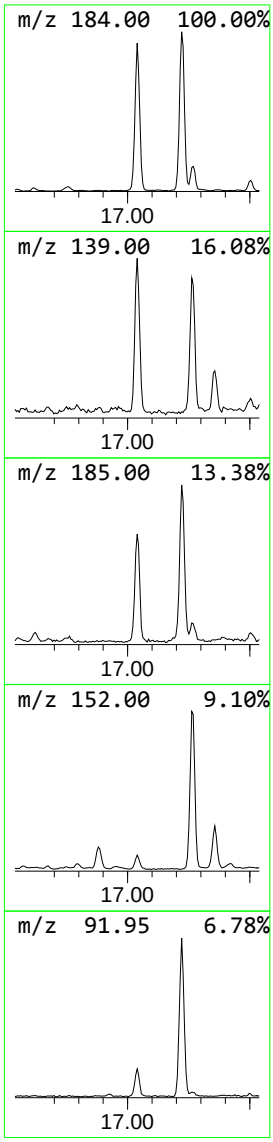
****

Peak Number 1 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	2.68 ng	322371	Phenanthrene-d10	17.221

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
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Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

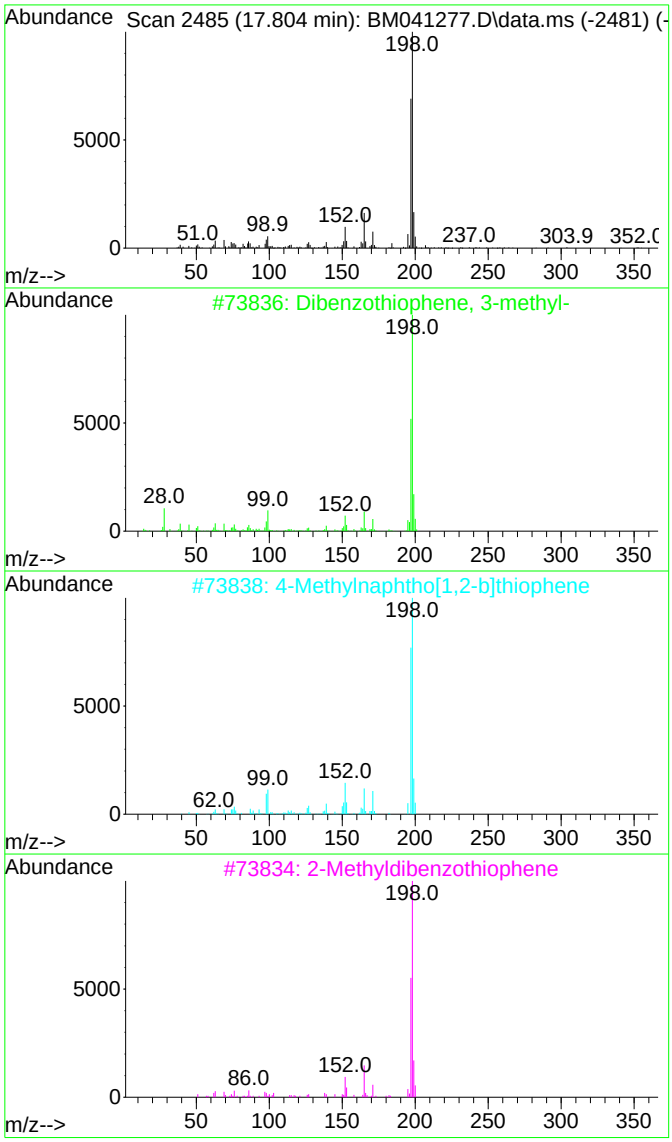
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

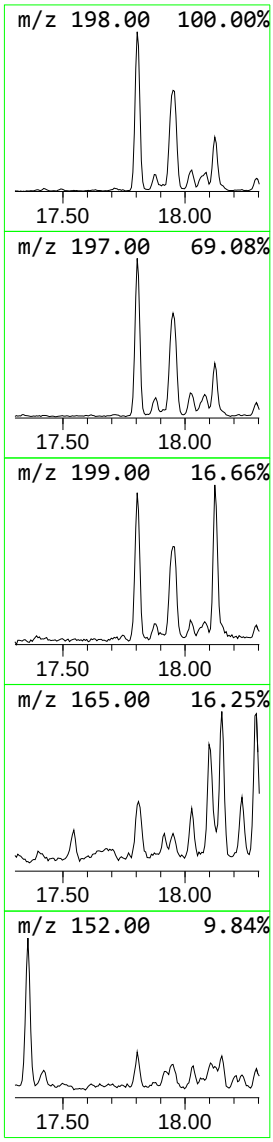
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Dibenzothiophene, 3-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.804	2.64 ng	317394	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	94
2	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	94
3	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	94
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
5	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
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Misc :
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Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

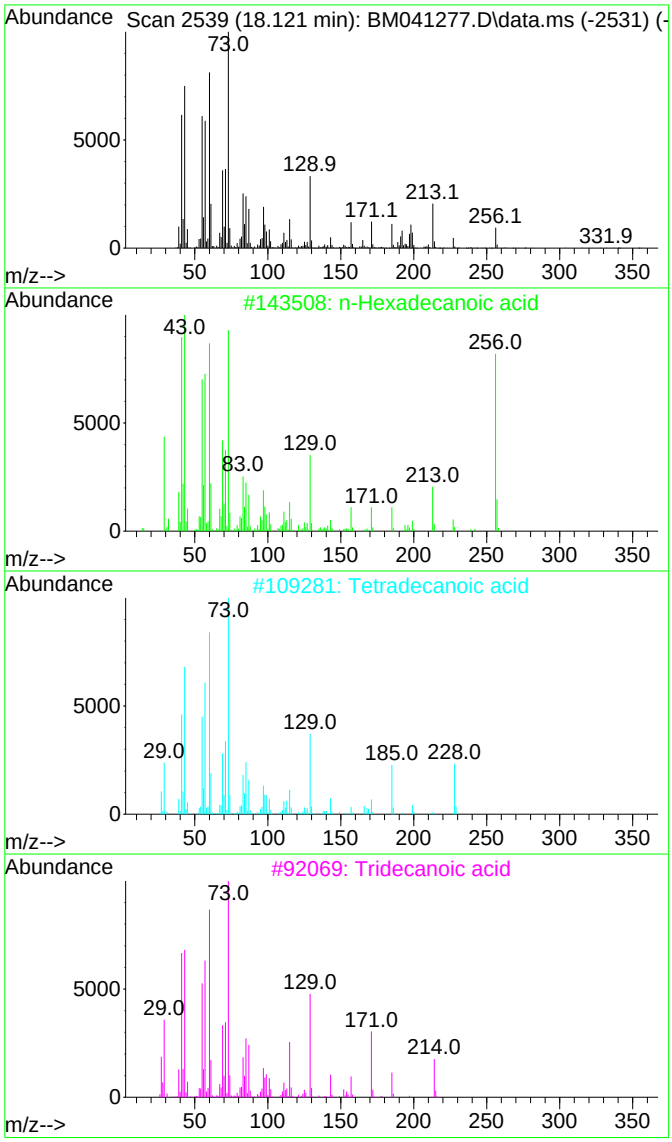
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

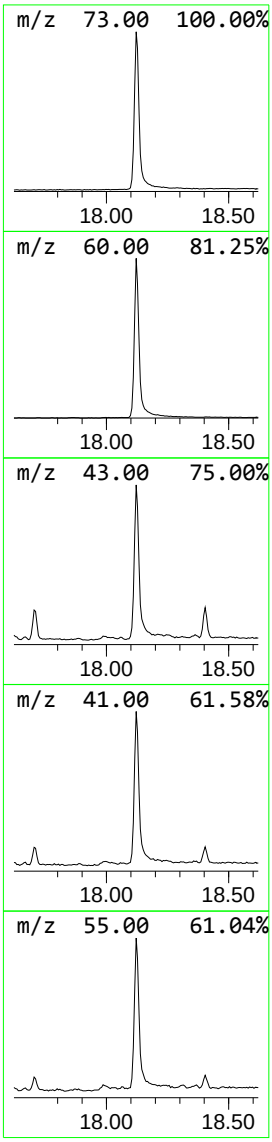
****

Peak Number 3 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.121	20.60 ng	2480130	Phenanthrene-d10	17.221

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	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	92
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
5	Dodecanoic acid	200	C12H24O2	000143-07-7	52





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

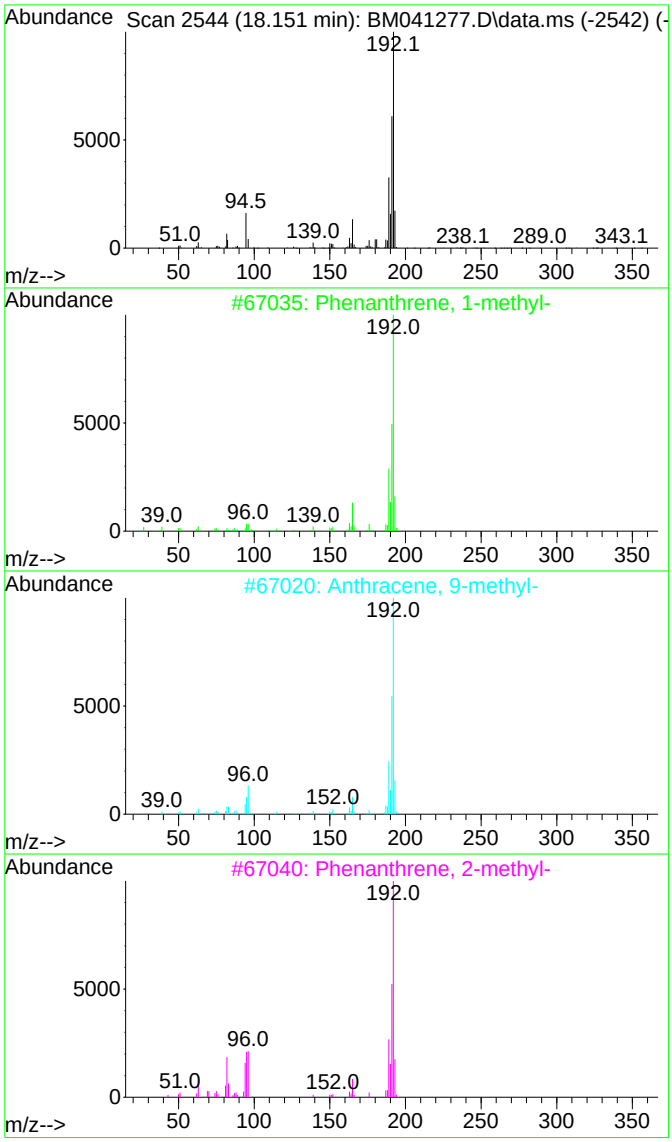
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

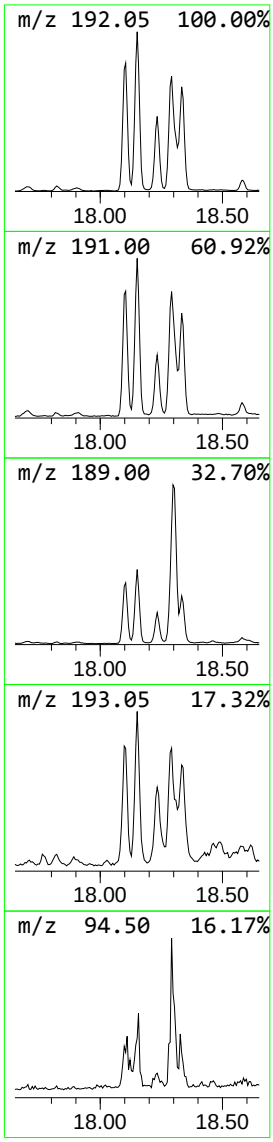
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	7.10 ng	854916	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	90
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

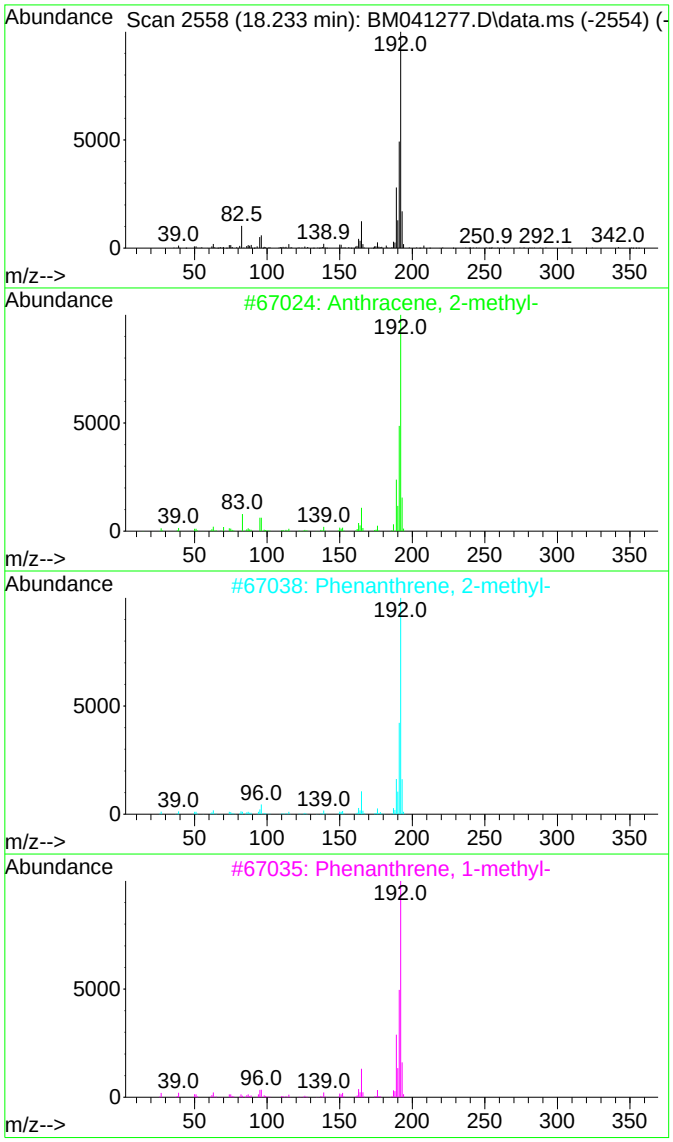
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

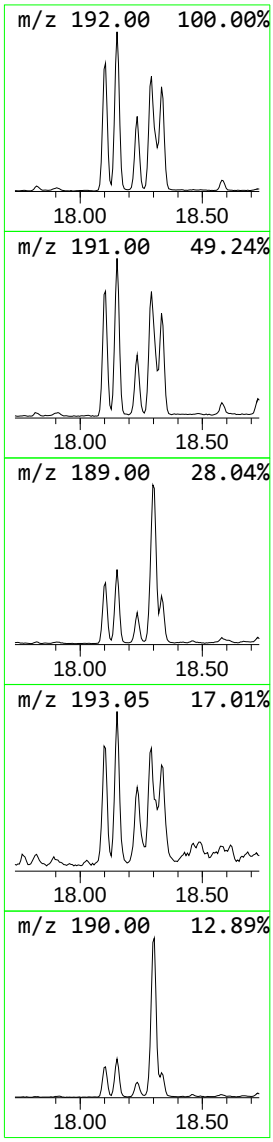
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	2.94 ng	354138	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
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Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

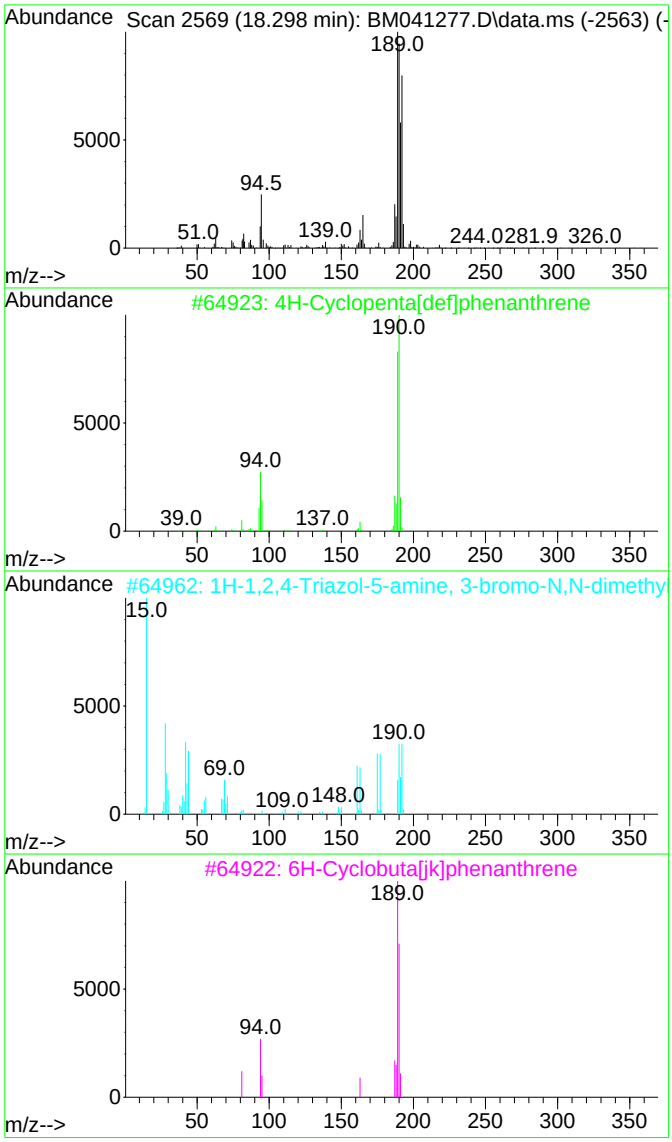
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

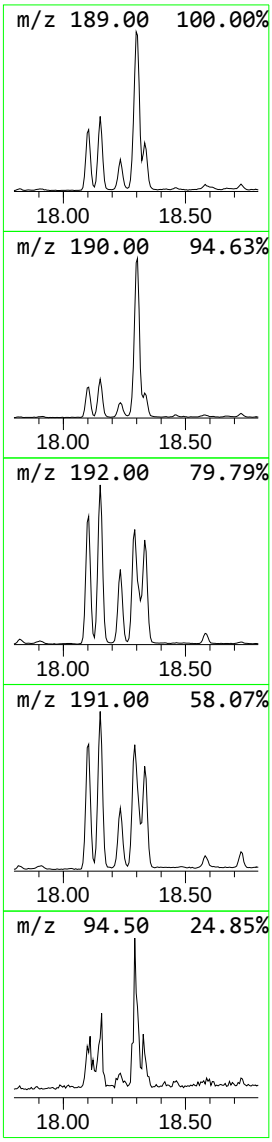
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	10.41 ng	1254170	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	60
2	1H-1,2,4-Triazol-5-amine, 3-brom...	190	C4H7BrN4	1000460-85-7	53
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	49
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	38





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

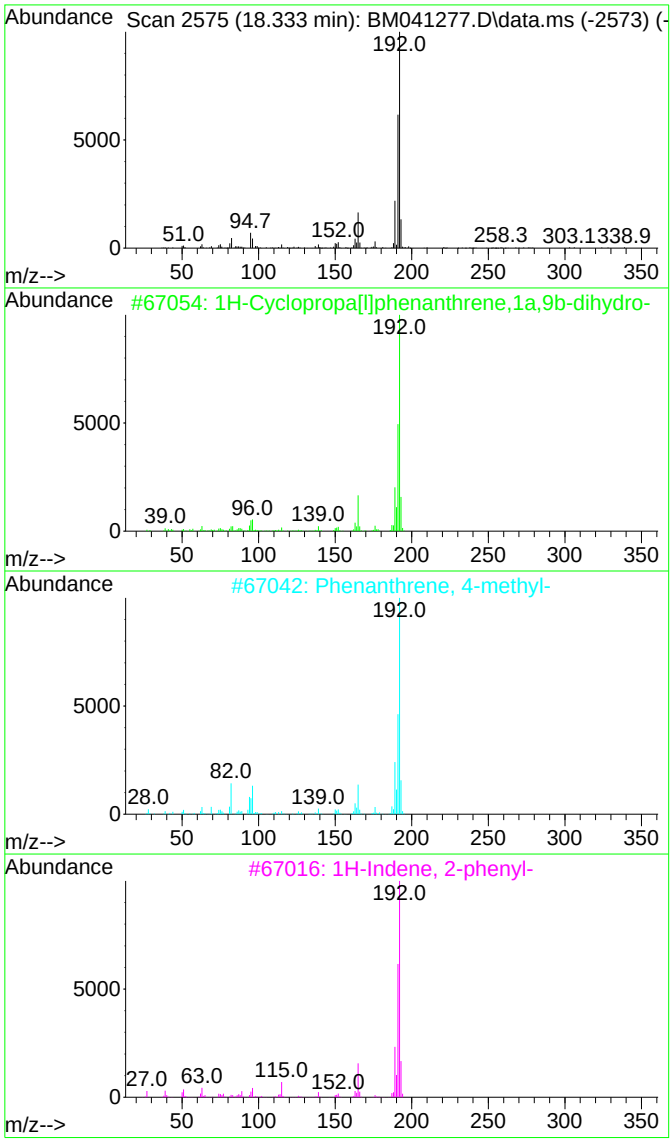
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

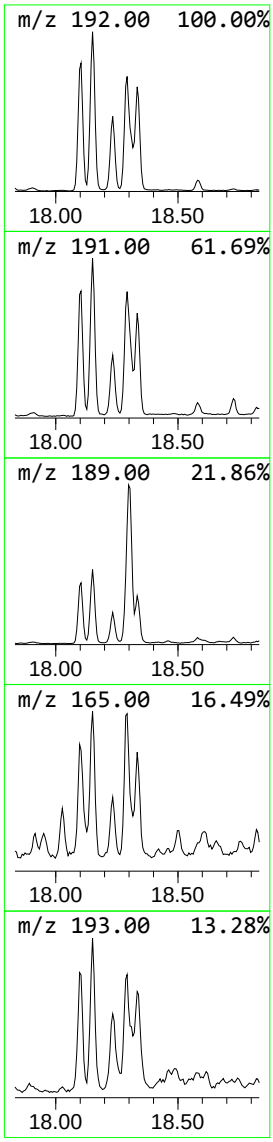
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 1H-Cyclopropa[l]phenanthren... Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	3.99 ng	480900	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	81





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Acq On : 04 Aug 2023 00:32
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Sample : 03862-07
Misc :
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Instrument :
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ClientSampleId :
BUILDING-B-15-(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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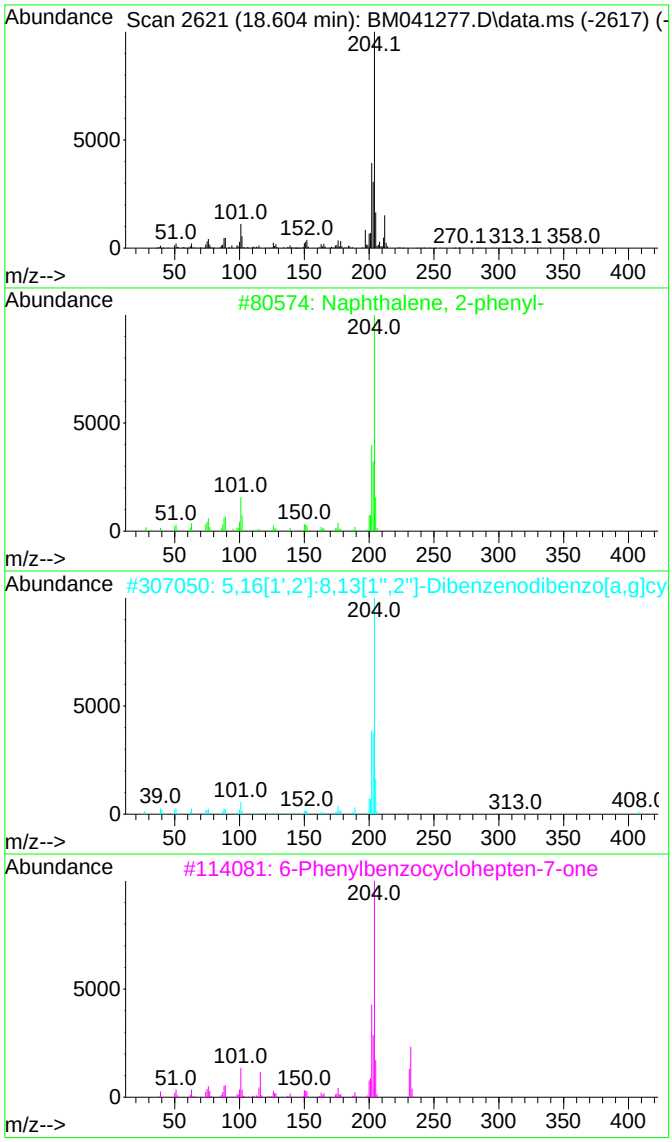
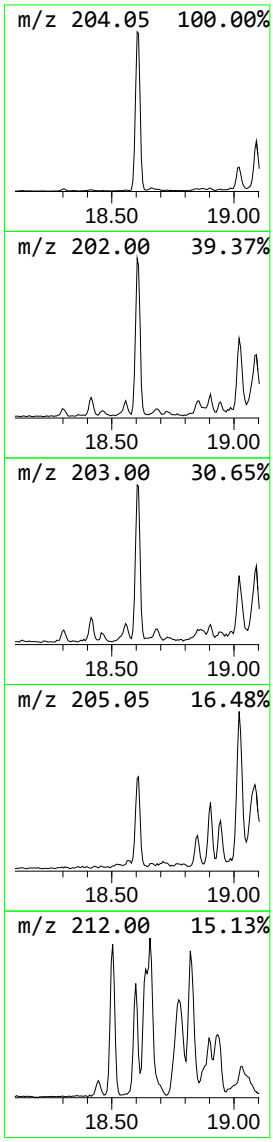
Peak Number 8 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	3.50 ng	421668	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	96
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	86
3	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	86
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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ClientSampleId :
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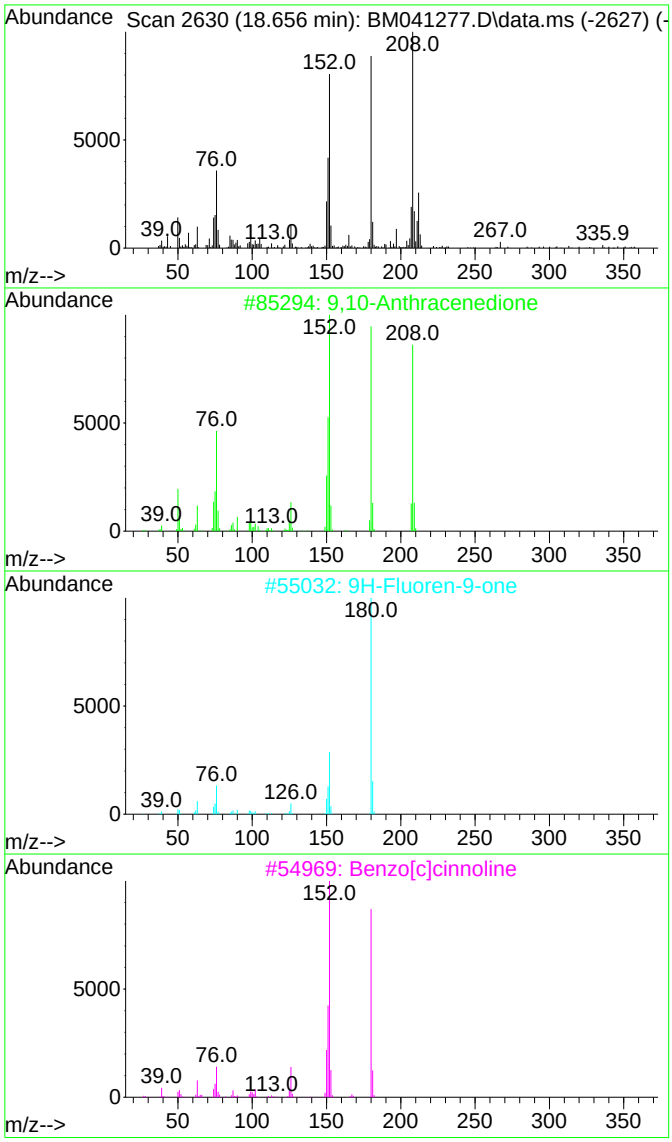
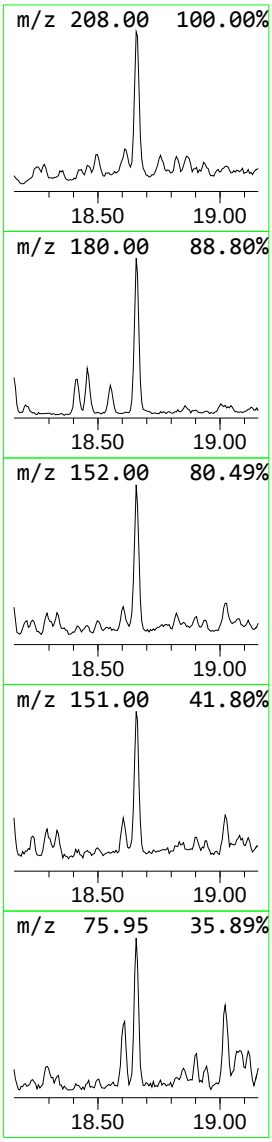
Peak Number 9 9,10-Anthracenedione Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.657	3.12 ng	375569	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	96
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	60
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	50





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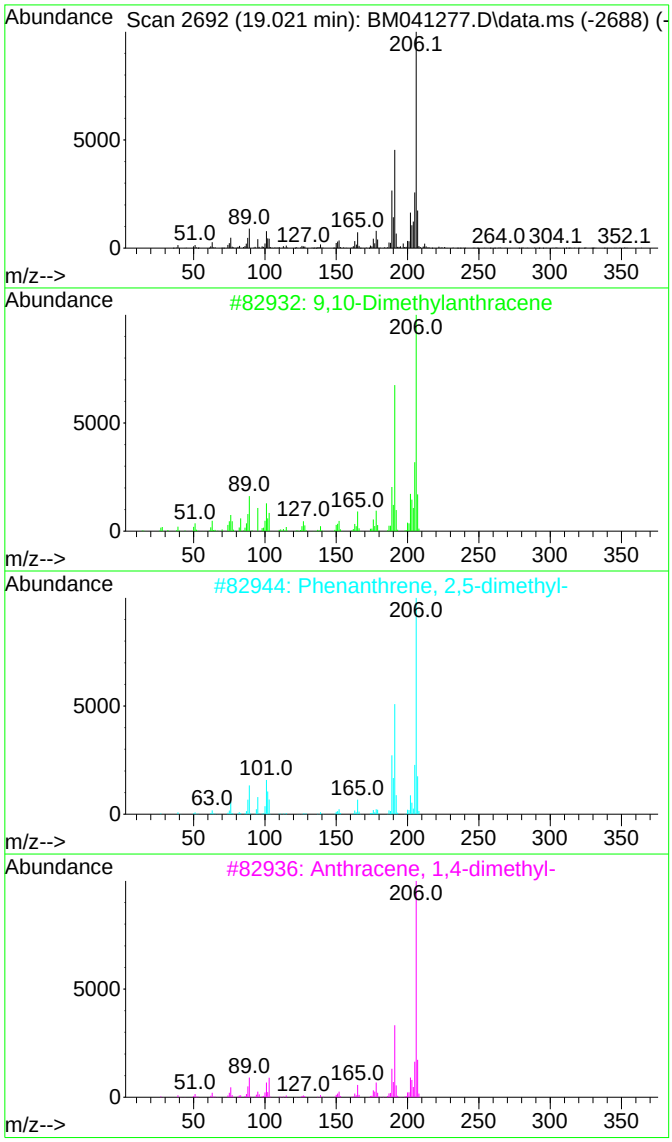
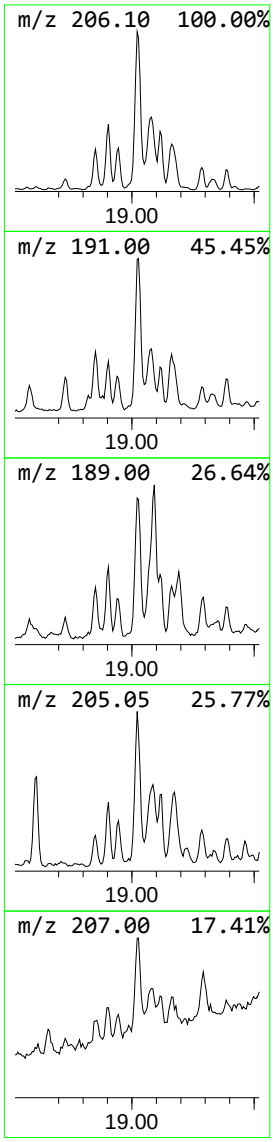
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.021	6.86 ng	826240	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	91
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	90
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	86





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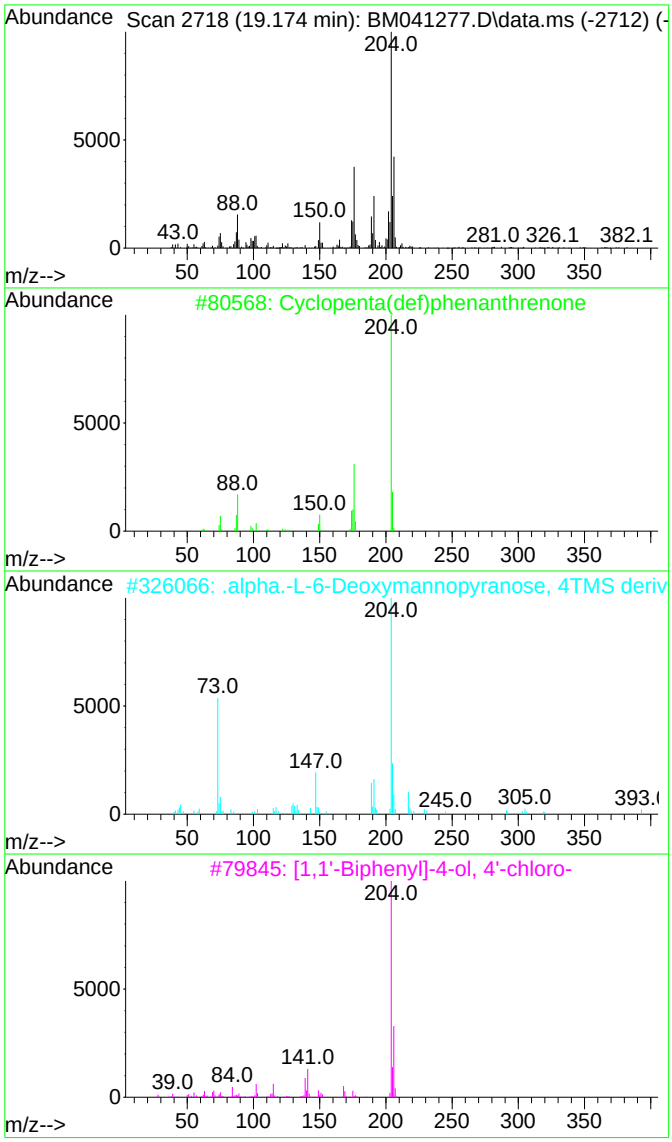
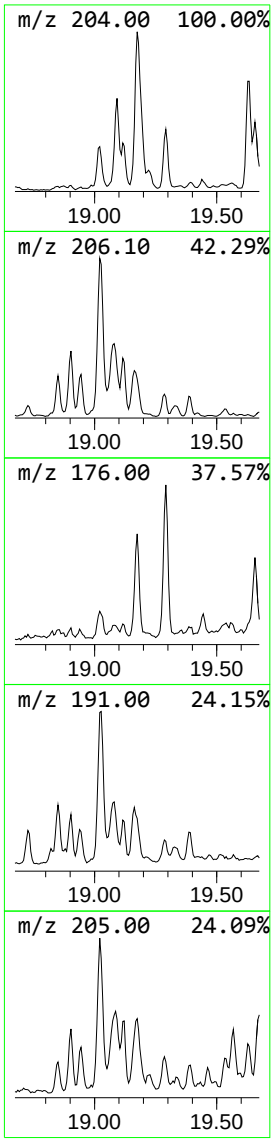
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	4.62 ng	556648	Phenanthrene-d10	17.221

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	91
2	.alpha.-L-6-Deoxymannopyranose, ...	452	C18H44O5Si4	055057-21-1	50
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	49
4	L-Rhamnose, 4TMS derivative	452	C18H44O5Si4	019127-15-2	47
5	[(6-Chloro-2,3,4,9-tetrahydro-1H...	334	C17H19ClN2O3	1010295-26-0	47





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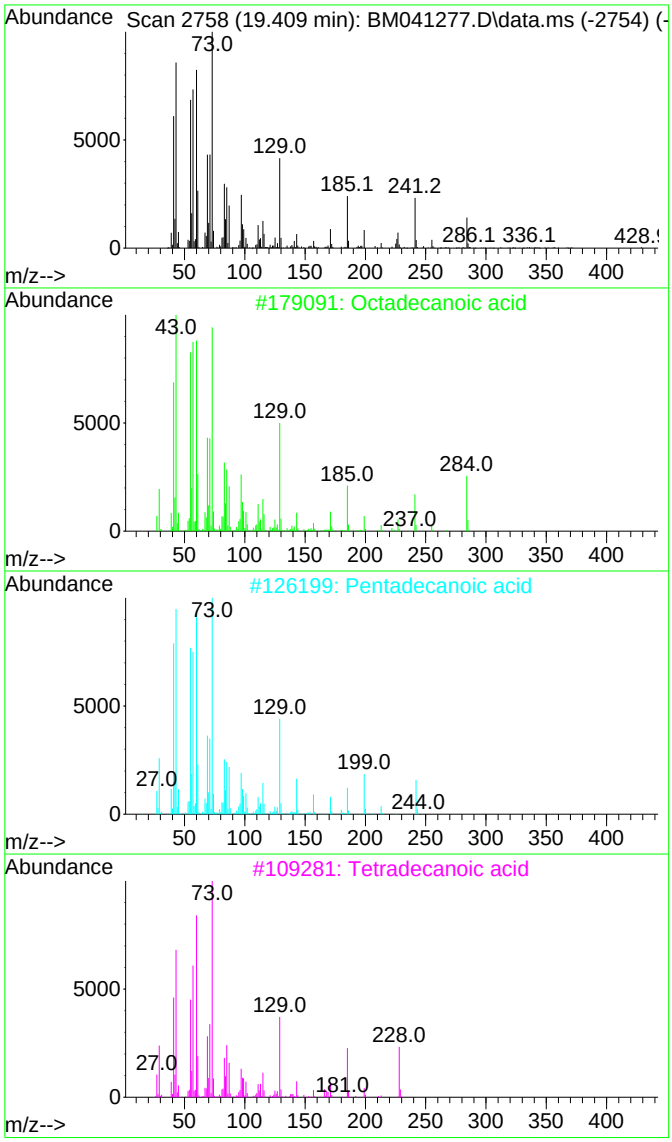
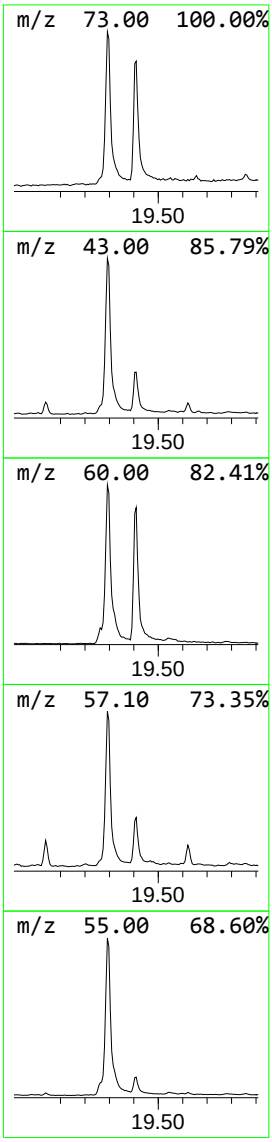
Peak Number 12 Octadecanoic acid Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.409	2.92 ng	615730	Chrysene-d12	21.427

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	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Docosanoic acid	340	C22H44O2	000112-85-6	64
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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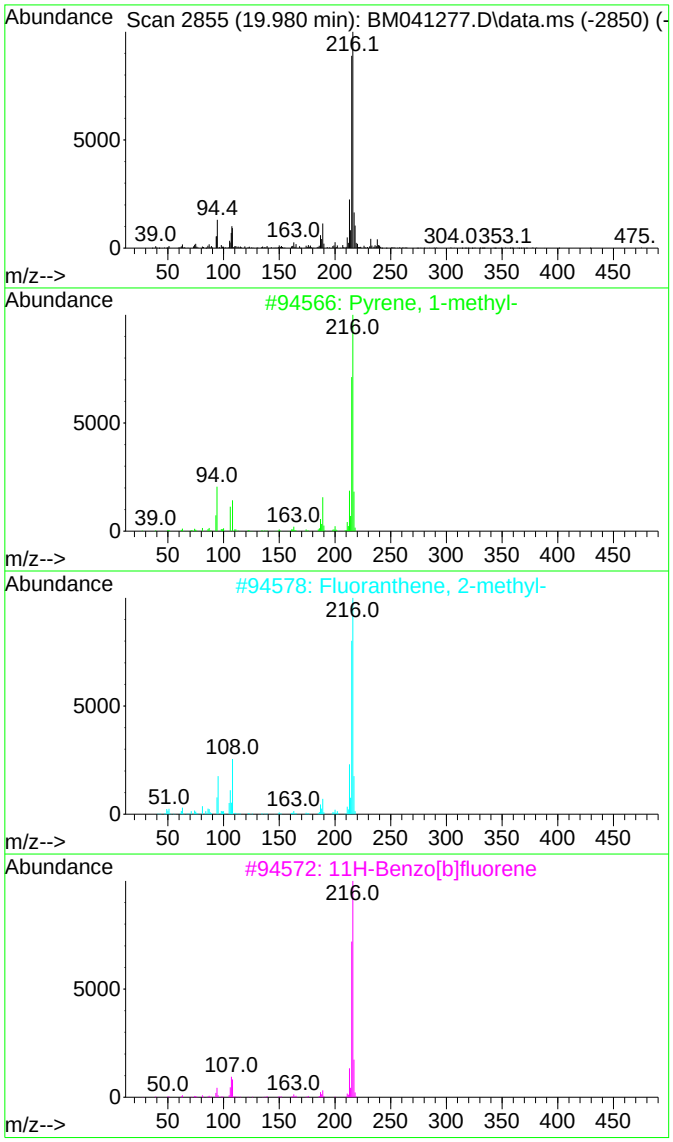
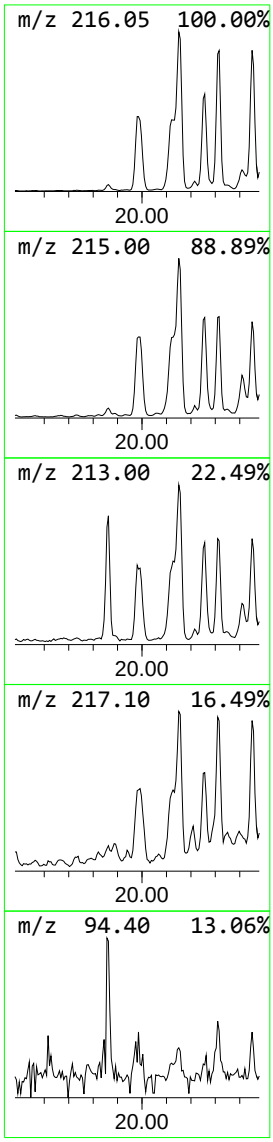
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	3.48 ng	734107	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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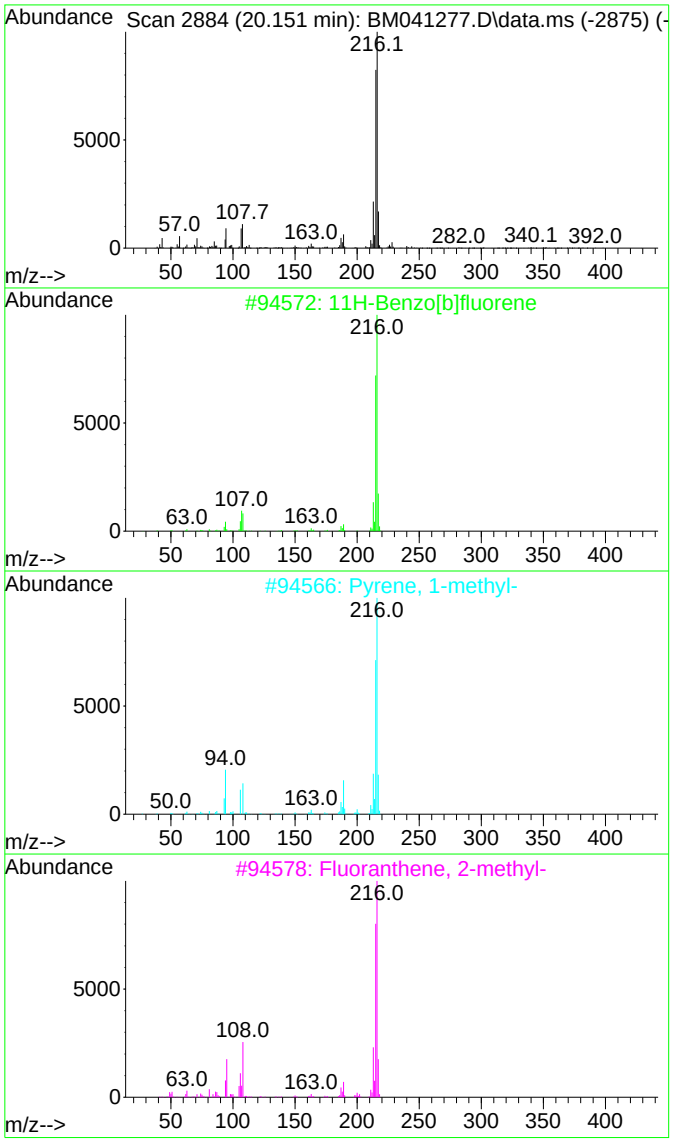
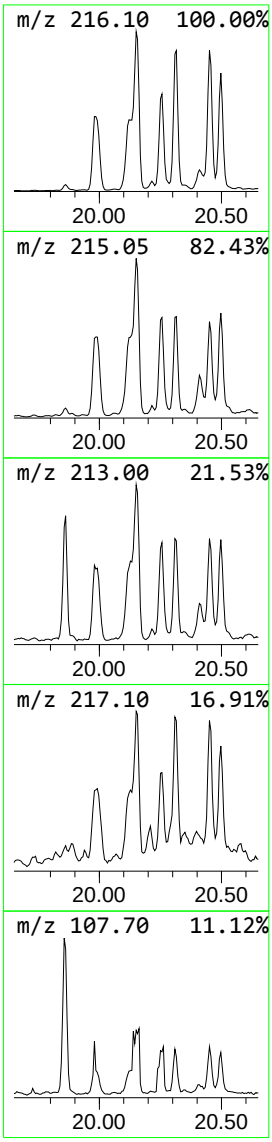
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.151	6.60 ng	1394320	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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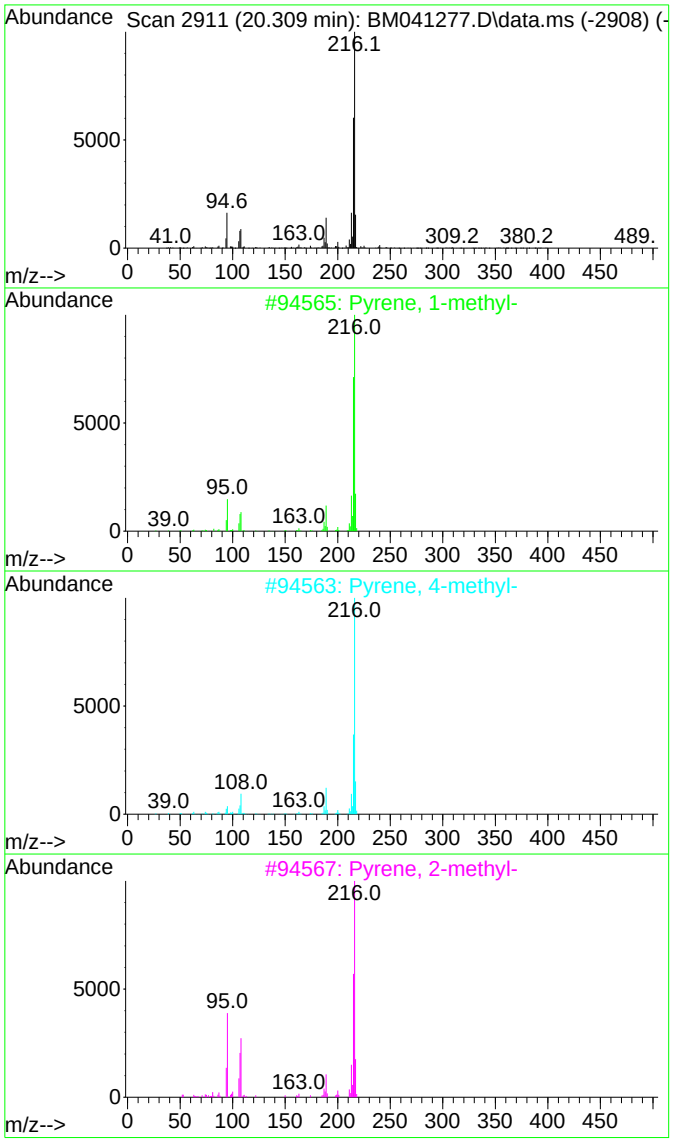
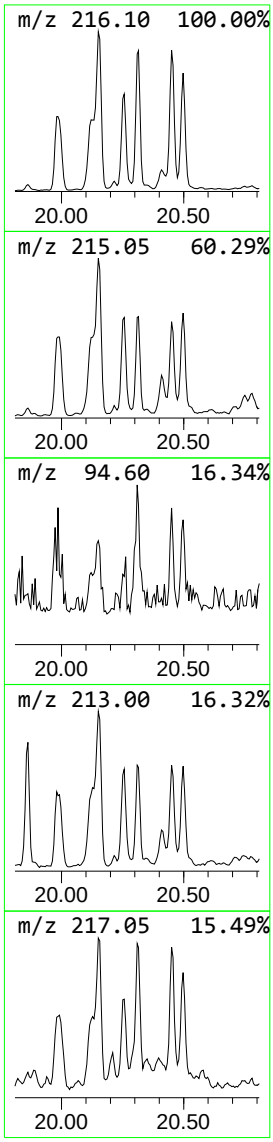
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.309	2.46 ng	519254	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81





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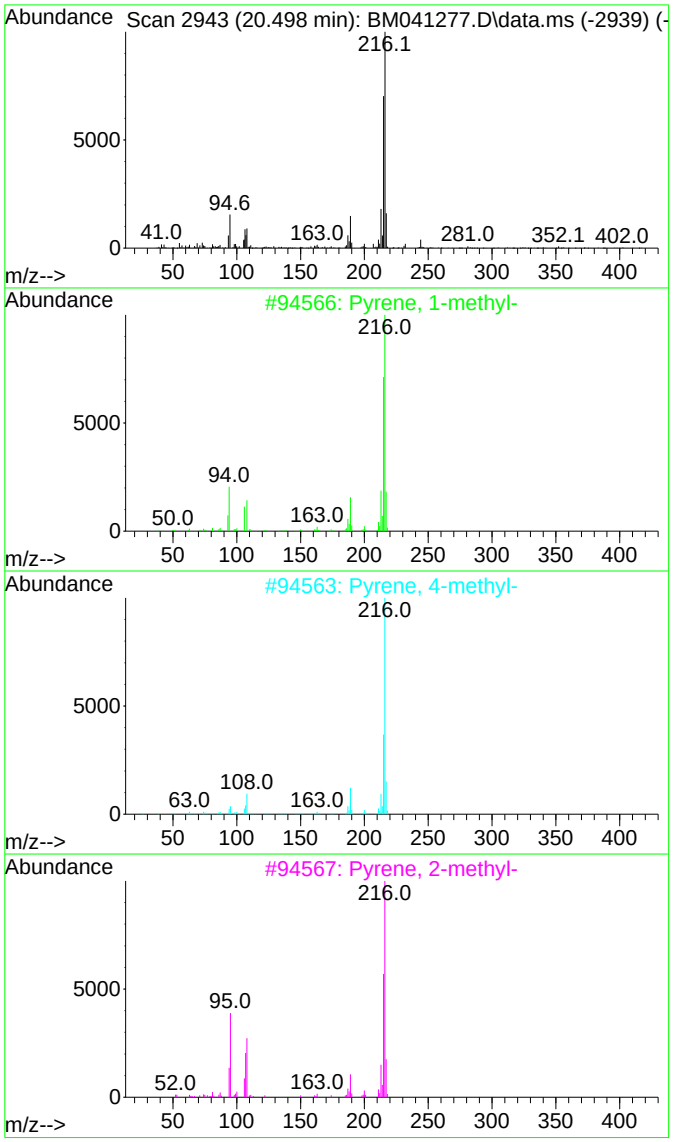
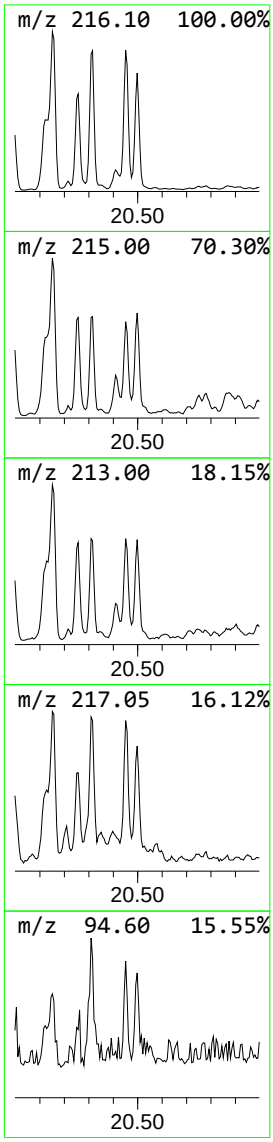
Peak Number 17 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.497	2.24 ng	472728	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	97
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	95
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87





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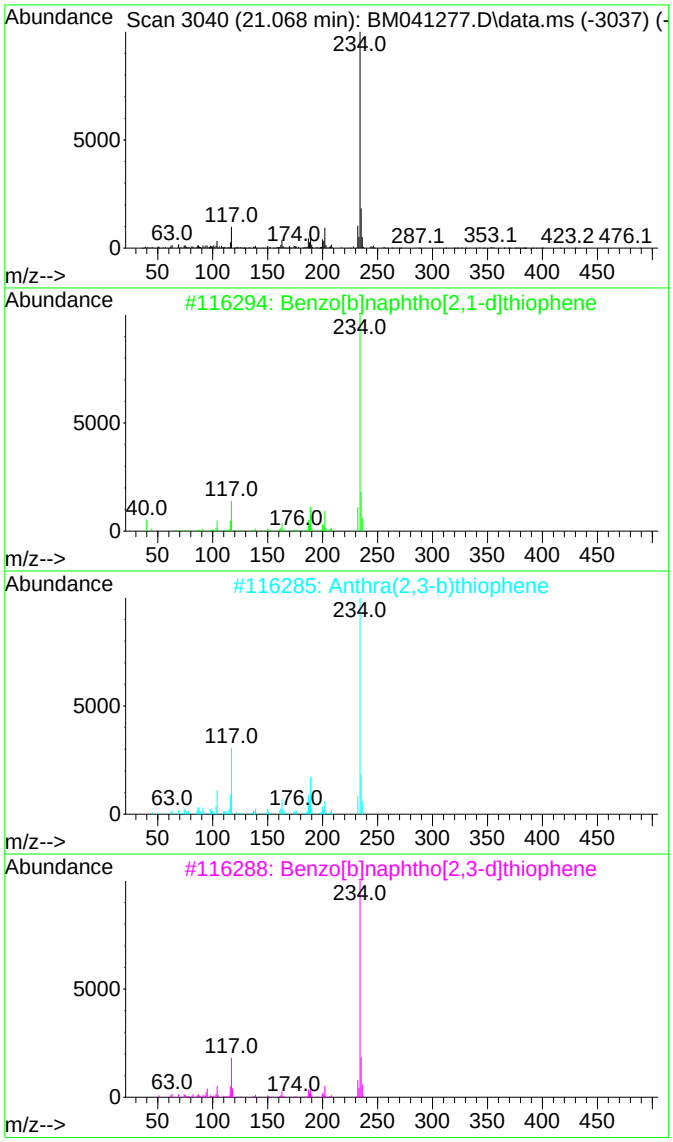
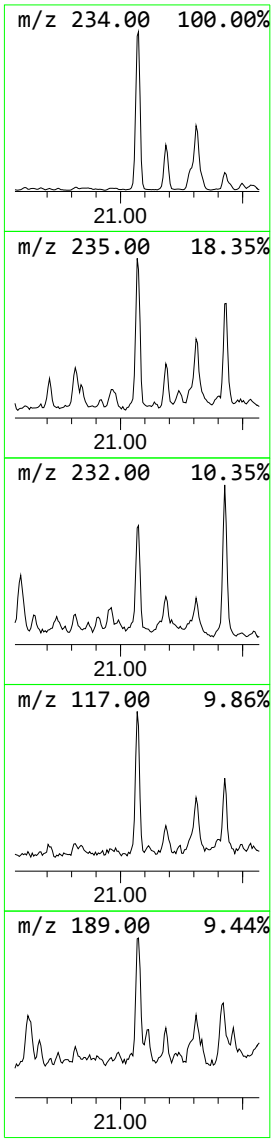
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.068	2.29 ng	483240	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	95
2	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
3	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	93
5	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	64





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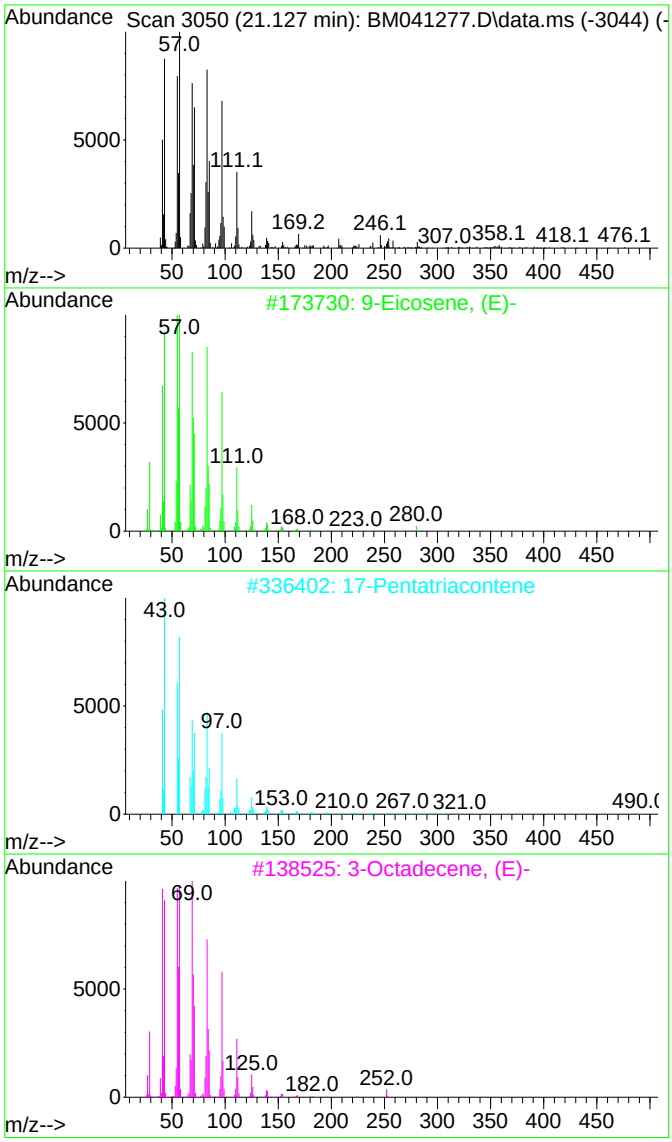
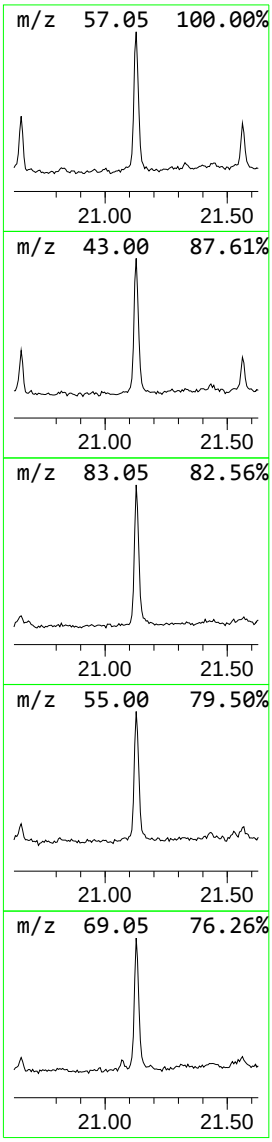
Peak Number 19 9-Eicosene, (E)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.127	4.89 ng	1033380	Chrysene-d12	21.427

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9-Eicosene, (E)-	280	C20H40	074685-29-3	93
2	17-Pentatriacontene	491	C35H70	006971-40-0	91
3	3-Octadecene, (E)-	252	C18H36	007206-19-1	91
4	1-Hexacosene	364	C26H52	018835-33-1	90
5	1-Tetracosene	336	C24H48	010192-32-2	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

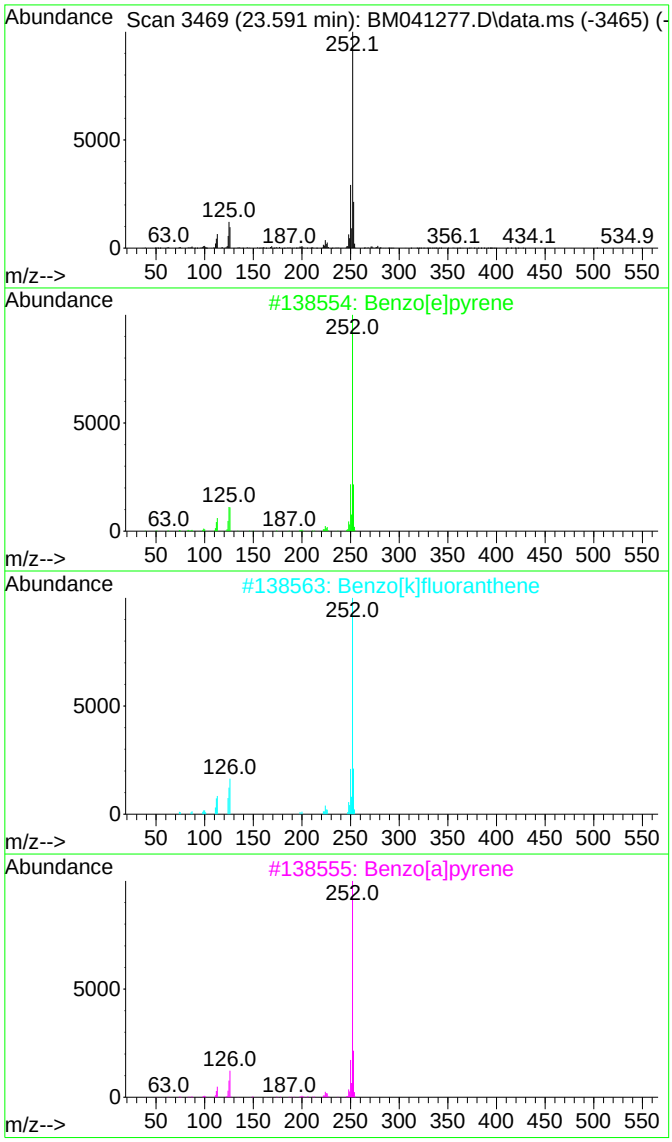
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

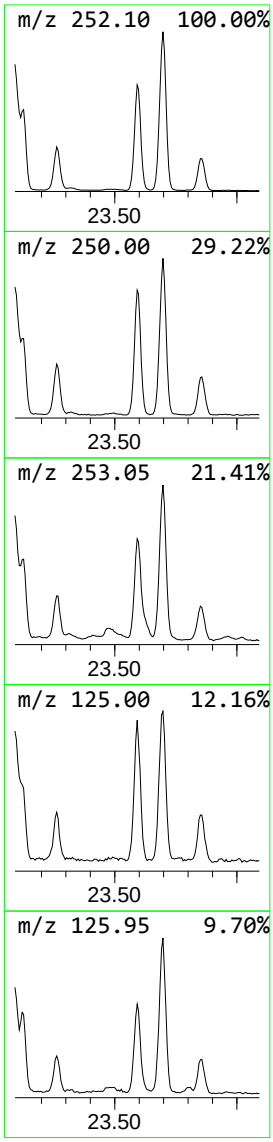
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.592	19.36 ng	1280800	Perylene-d12	23.803

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[a]pyrene	252	C20H12	000050-32-8	95
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	95
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041277.D
Acq On : 04 Aug 2023 00:32
Operator : MA/JU
Sample : 03862-07
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-15-(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.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
Dibenzothiophene	17.039	2.7	ng	322371	4	17.221	2408410	20.0
Dibenzothiophen...	17.804	2.6	ng	317394	4	17.221	2408410	20.0
n-Hexadecanoic ...	18.121	20.6	ng	2480130	4	17.221	2408410	20.0
Phenanthrene, 1...	18.151	7.1	ng	854916	4	17.221	2408410	20.0
Anthracene, 2-m...	18.233	2.9	ng	354138	4	17.221	2408410	20.0
4H-Cyclopenta[d...	18.298	10.4	ng	1254170	4	17.221	2408410	20.0
1H-Cyclopropa[l...	18.333	4.0	ng	480900	4	17.221	2408410	20.0
Naphthalene, 2-...	18.604	3.5	ng	421668	4	17.221	2408410	20.0
9,10-Anthracene...	18.657	3.1	ng	375569	4	17.221	2408410	20.0
9,10-Dimethylan...	19.021	6.9	ng	826240	4	17.221	2408410	20.0
Cyclopenta(def)...	19.174	4.6	ng	556648	4	17.221	2408410	20.0
Octadecanoic acid	19.409	2.9	ng	615730	5	21.427	4224550	20.0
Pyrene, 1-methyl-	19.980	3.5	ng	734107	5	21.427	4224550	20.0
11H-Benzo[b]flu...	20.151	6.6	ng	1394320	5	21.427	4224550	20.0
Pyrene, 4-methyl-	20.309	2.5	ng	519254	5	21.427	4224550	20.0
Pyrene, 2-methyl-	20.497	2.2	ng	472728	5	21.427	4224550	20.0
Benzo[b]naphtho...	21.068	2.3	ng	483240	5	21.427	4224550	20.0
9-Eicosene, (E)-	21.127	4.9	ng	1033380	5	21.427	4224550	20.0
Benzo[e]pyrene	23.592	19.4	ng	1280800	6	23.803	1323400	20.0