LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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: BM041276.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	363	371	378	rBV	1782168	2681667	29.13%	2.824%
2	6.981	637	645	660	rBV	1920537	3119234	33.88%	3.285%
3	7.793	777	783	791	rBV	526847	805865	8.75%	0.849%
4	8.969	975	983	998	rBV	1137051	1951857	21.20%	2.056%
5	10.604	1254	1261	1265	rBV	746752	1238670	13.46%	1.305%
6	10.651	1265	1269	1281	rVB	508791	807302	8.77%	0.850%
7	12.269	1538	1544	1551	rVB	160900	258908	2.81%	0.273%
8	12.493	1573	1582	1590	rVB	146673	244787	2.66%	0.258%
9	13.081	1675	1682	1693	rBV	3284700	4605873	50.03%	4.851%
10	13.781	1794	1801	1806	rBV	104231	198789	2.16%	0.209%
11	13.834	1806	1810	1818	rVB	77541	128004	1.39%	0.135%
12	13.922	1818	1825	1830	rBV2	52973	96608	1.05%	0.102%
13	14.181	1863	1869	1880	rVB	340423	535858	5.82%	0.564%
14	14.463	1907	1917	1923	rBV	1272514	1910484	20.75%	2.012%
15	14.528	1923	1928	1935	rVB	98898	175534	1.91%	0.185%
16	14.863	1978	1985	1993	rVB2	174703	258158	2.80%	0.272%
17	15.081	2016	2022	2028	rBV4	51118	103533	1.12%	0.109%
18	15.516	2090	2096	2107	rVB	291533	492695	5.35%	0.519%
19	15.810	2141	2146	2152	rBV	91457	150559	1.64%	0.159%
20	15.963	2162	2172	2181	rBV	2886189	4092485	44.46%	4.310%
21	16.186	2203	2210	2215	rBV4	138974	339107	3.68%	0.357%
22	16.522	2260	2267	2272	rBV3	90493	198821	2.16%	0.209%
23	16.881	2324	2328	2334	rBV2	111313	166120	1.80%	0.175%
24	16.963	2336	2342	2346	rVV3	167924	275886	3.00%	0.291%
25	17.010	2346	2350	2352	rVV2	92821	140770	1.53%	0.148%
26	17.039	2352	2355	2363	rVB	194966	285672	3.10%	0.301%
27	17.222	2380	2386	2390	rBV	1732195	2480739	26.95%	2.613%
28	17.269	2390	2394	2400	rVV	2713091	3669168	39.86%	3.865%
29	17.357	2403	2409	2414	rVV	1014653	1383171	15.03%	1.457%
30	17.639	2452	2457	2464	rVB	210593	340571	3.70%	0.359%
31	17.704	2465	2468	2472	rVV	168524	199280	2.16%	0.210%
32	17.745	2472	2475	2481	rVV2	102123	158923	1.73%	0.167%
33	17.804	2482	2485	2494	rVB3	132023	217672	2.36%	0.229%
34	18.122	2531	2539	2542	rBV2	872034	1645872	17.88%	1.733%
35	18.151	2542	2544	2550	rVV	641643	762864	8.29%	0.803%
36	18.233	2554	2558	2563	rVV	263512	379796	4.13%	0.400%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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	18.298	2564	2569	2573	rVV2	800130	1405442	15.27%	1.480%
38	18.333	2573	2575	2583	rVB	326087	425843	4.63%	0.449%
39	18.404	2583	2587	2593	rBV2	215591	312332	3.39%	0.329%
40	18.604	2617	2621	2626	rBV	361375	499719	5.43%	0.526%
41	18.657	2627	2630	2640	rVB3	155556	246038	2.67%	0.259%
42	18.904	2669	2672	2675	rBV	118682	130634	1.42%	0.138%
43	19.027	2688	2693	2698	rBV2	332478	767820	8.34%	0.809%
44	19.174	2713	2718	2729	rBV4	275841	591253	6.42%	0.623%
45	19.292	2730	2738	2745	rBV	6301617	9205575	100.00%	9.696%
46	19.404	2753	2757	2760	rBV3	448546	569683	6.19%	0.600%
47	19.445	2760	2764	2768	rVB	404435	535065	5.81%	0.564%
48	19.533	2776	2779	2783	rBV	208368	283231	3.08%	0.298%
49	19.622	2790	2794	2796	rBV	920303	1152628	12.52%	1.214%
50	19.663	2796	2801	2808	rVV	5165490	7211023	78.33%	7.595%
51	19.727	2808	2812	2818	rVB2	273861	419469	4.56%	0.442%
52	19.863	2828	2835	2839	rVB	5539842	6689760	72.67%	7.046%
53	19.980	2850	2855	2863	rBV4	346477	882559	9.59%	0.930%
54	20.116	2874	2878	2880	rBV4	300412	455061	4.94%	0.479%
55	20.157	2881	2885	2890	rVB2	994272	1351458	14.68%	1.423%
56	20.257	2898	2902	2905	rBV	602287	733134	7.96%	0.772%
57	20.316	2906	2912	2915	rBV2	470040	745011	8.09%	0.785%
58	20.451	2932	2935	2939	rBV	327323	410343	4.46%	0.432%
59	20.498	2939	2943	2947	rVV	422695	581177	6.31%	0.612%
60	20.657	2968	2970	2975	rVB	186039	198663	2.16%	0.209%
61	20.910	3010	3013	3018	rVB	348517	442831	4.81%	0.466%
62	21.074	3037	3041	3044	rBV	553096	744215	8.08%	0.784%
63	21.110	3044	3047	3049	rBV	505384	690641	7.50%	0.727%
64	21.416	3094	3099	3105	rBV2	3429931	6982923	75.86%	7.355%
65	21.468	3105	3108	3117	rVB	2951726	3559008	38.66%	3.748%
66	23.092	3378	3384	3388	rBV	1590391	3596606	39.07%	3.788%
67	23.598	3465	3470	3478	rVB	1092795	2103096	22.85%	2.215%
68	23.704	3482	3488	3496	rVB	1648357	3080084	33.46%	3.244%
69	23.804	3500	3505	3510	rBV	784708	1441463	15.66%	1.518%

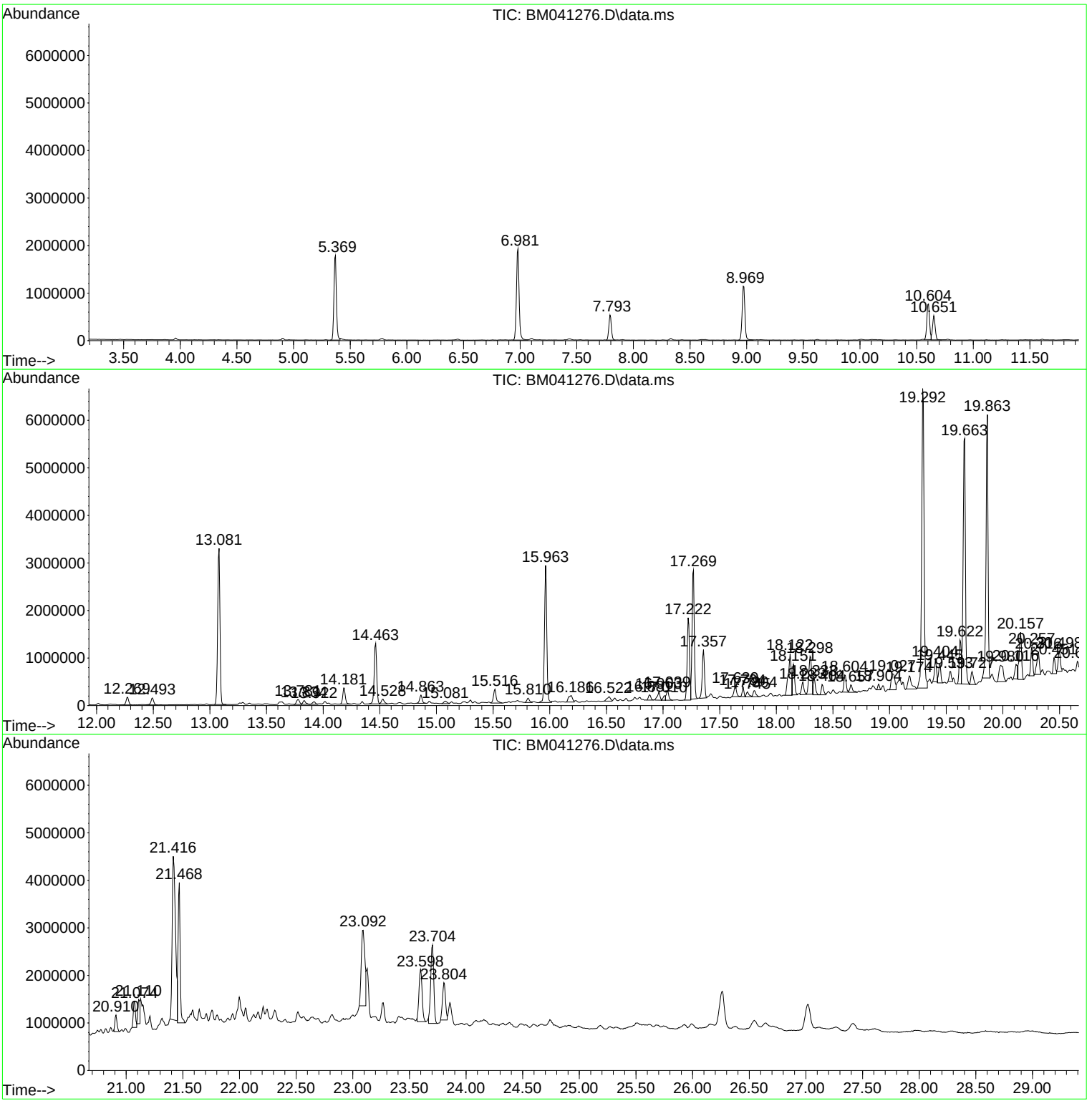
Sum of corrected areas: 94945090

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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 : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
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Instrument :
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

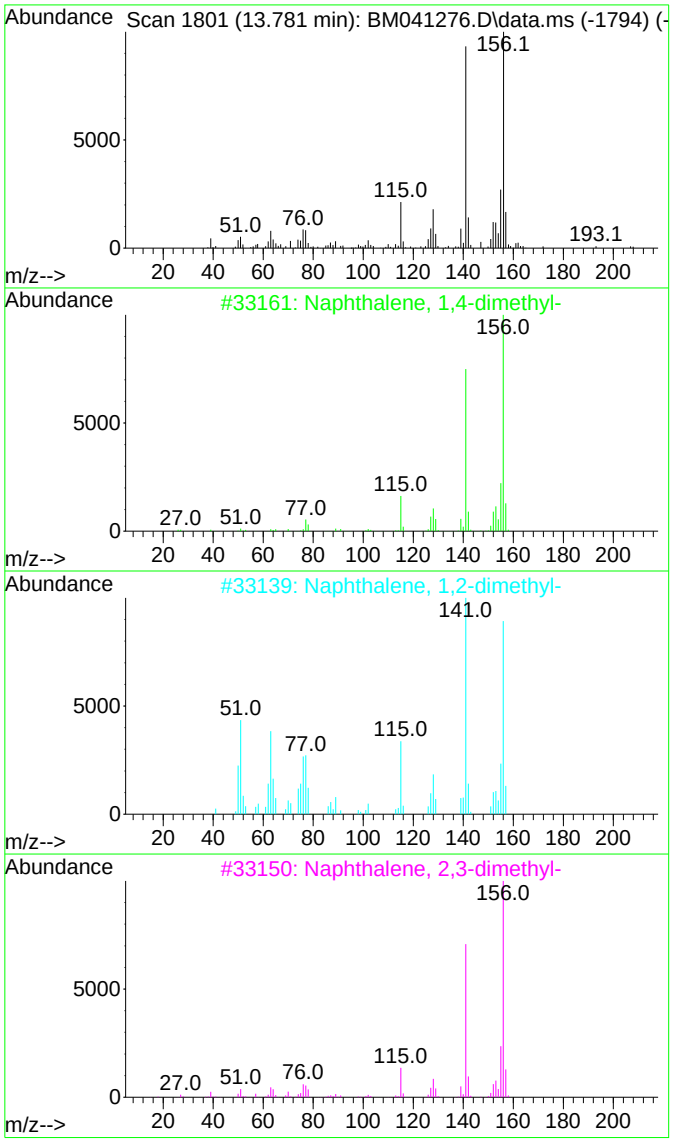
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

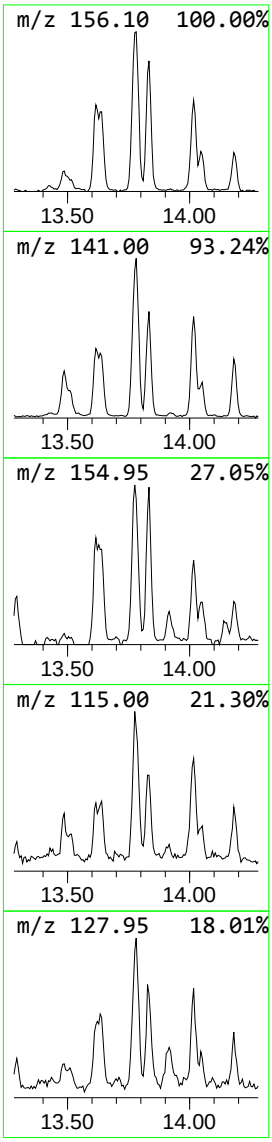
****

Peak Number 1 Naphthalene, 1,4-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.781	2.08 ng	198789	Acenaphthene-d10	14.463

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1,4-dimethyl-	156	C12H12	000571-58-4	97
2	Naphthalene, 1,2-dimethyl-	156	C12H12	000573-98-8	97
3	Naphthalene, 2,3-dimethyl-	156	C12H12	000581-40-8	96
4	Naphthalene, 1,3-dimethyl-	156	C12H12	000575-41-7	96
5	Naphthalene, 1,6-dimethyl-	156	C12H12	000575-43-9	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

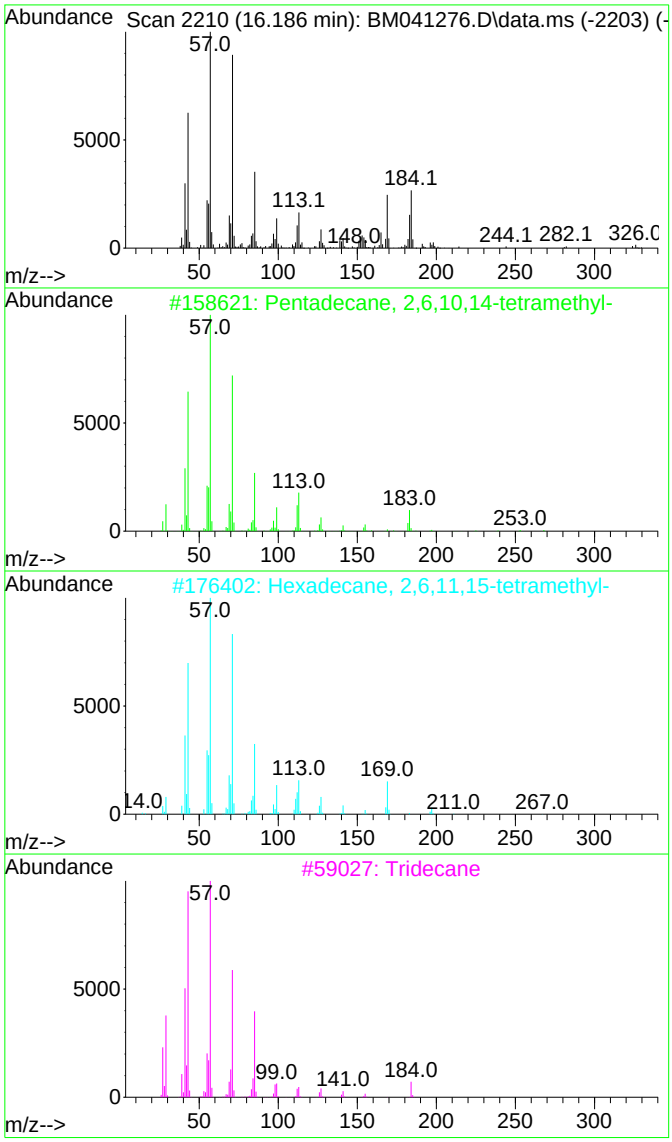
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

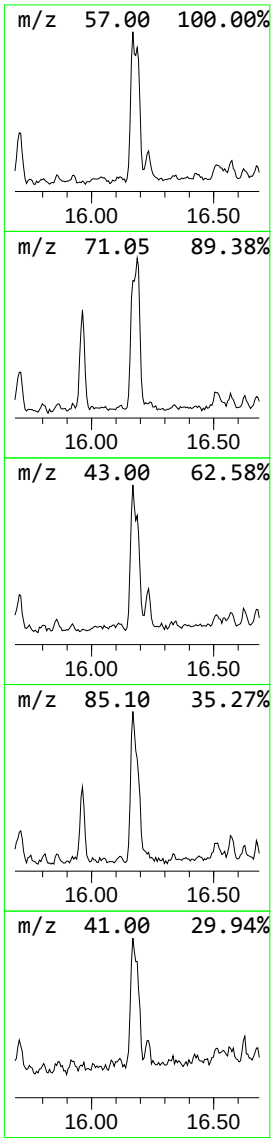
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Pentadecane, 2,6,10,14-tetr... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.186	2.73 ng	339107	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecane, 2,6,10,14-tetramethyl-	268	C19H40	001921-70-6	81
2	Hexadecane, 2,6,11,15-tetramethyl-	282	C20H42	000504-44-9	81
3	Tridecane	184	C13H28	000629-50-5	70
4	Dodecane	170	C12H26	000112-40-3	70
5	Tridecane, 5-propyl-	226	C16H34	055045-11-9	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
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Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

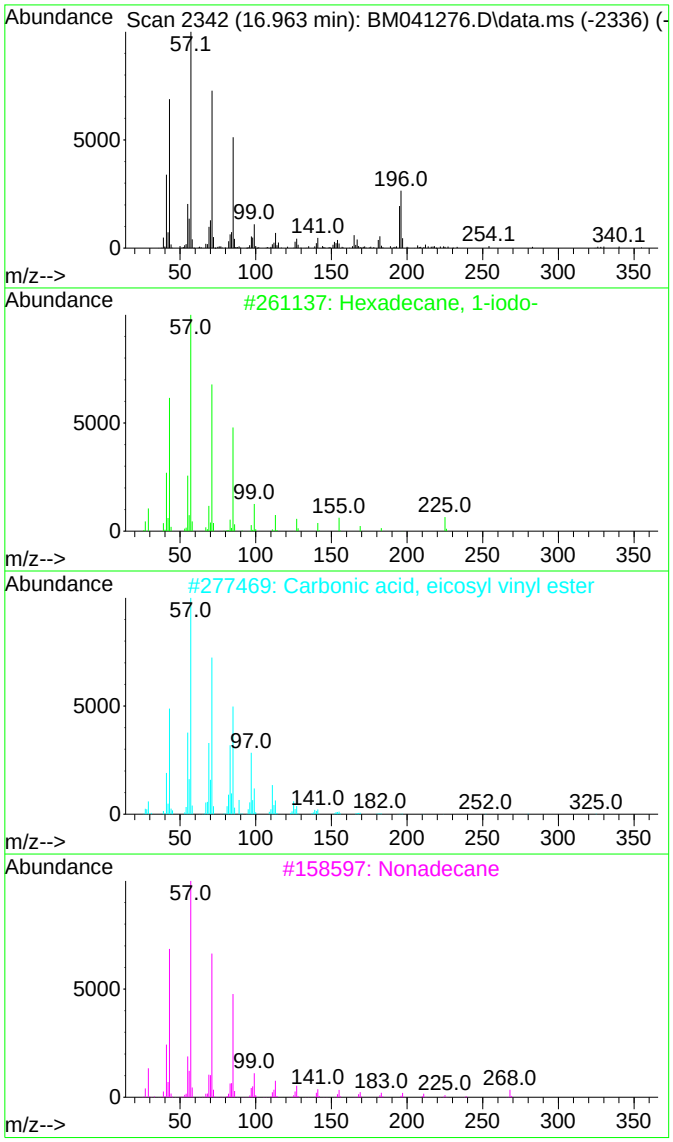
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

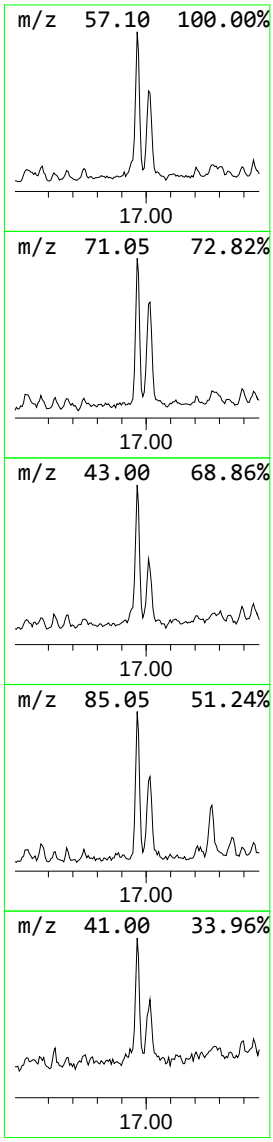
****

Peak Number 3 Hexadecane, 1-iodo- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.963	2.22 ng	275886	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	58
2	Carbonic acid, eicosyl vinyl ester	368	C23H44O3	1000382-54-3	52
3	Nonadecane	268	C19H40	000629-92-5	52
4	Tetradecane	198	C14H30	000629-59-4	52
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
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ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

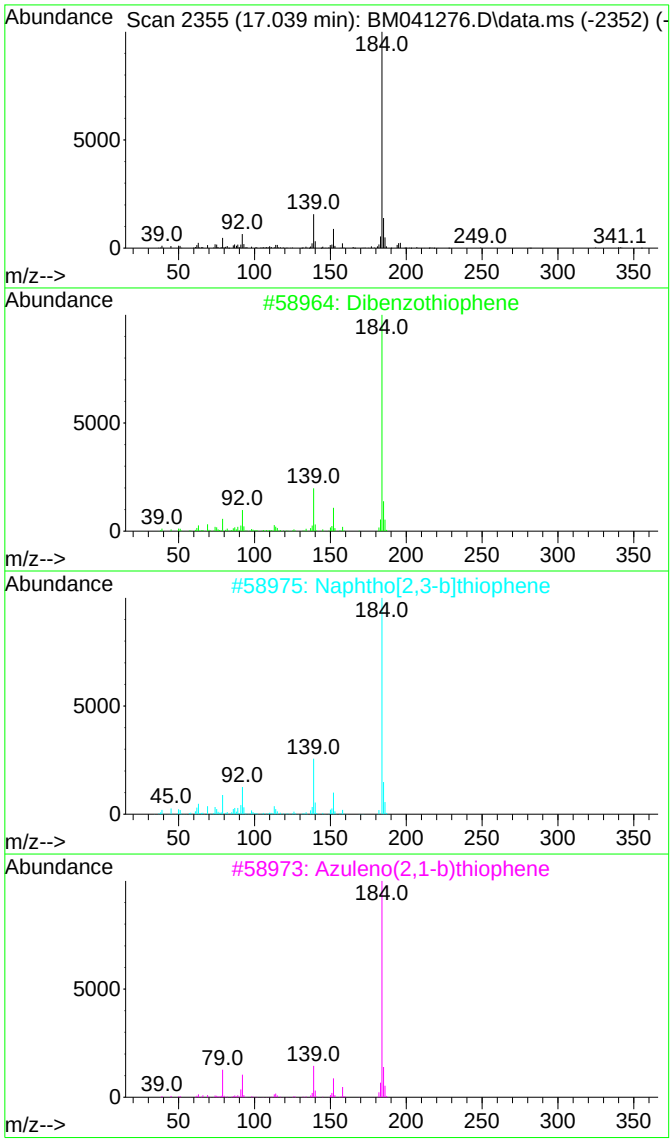
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

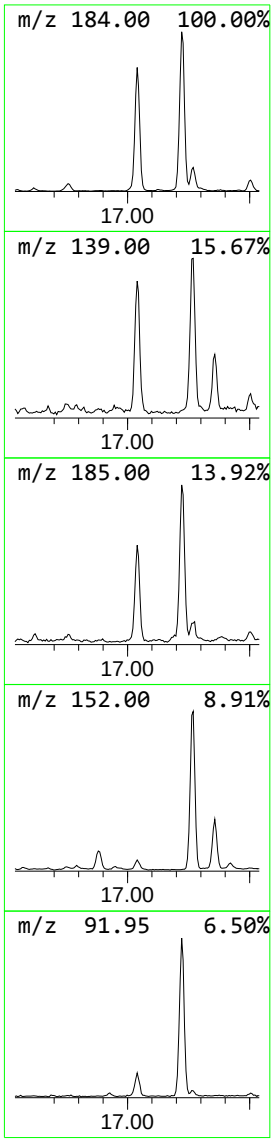
****

Peak Number 4 Dibenzothiophene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.039	2.30 ng	285672	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
3	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91
4	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	91
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

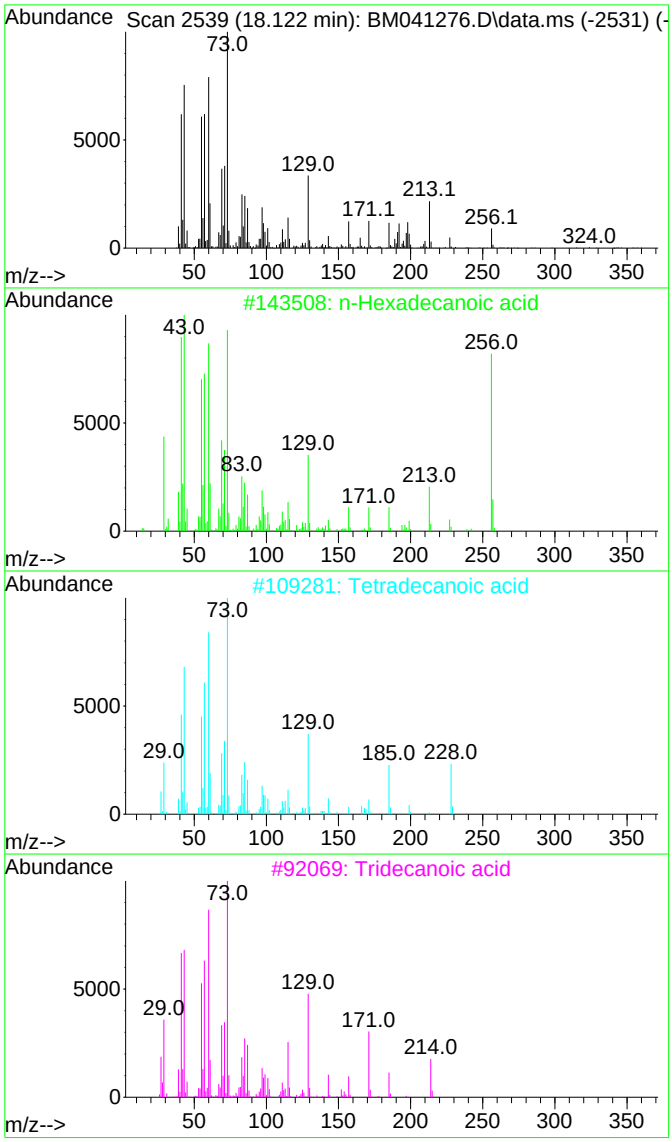
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

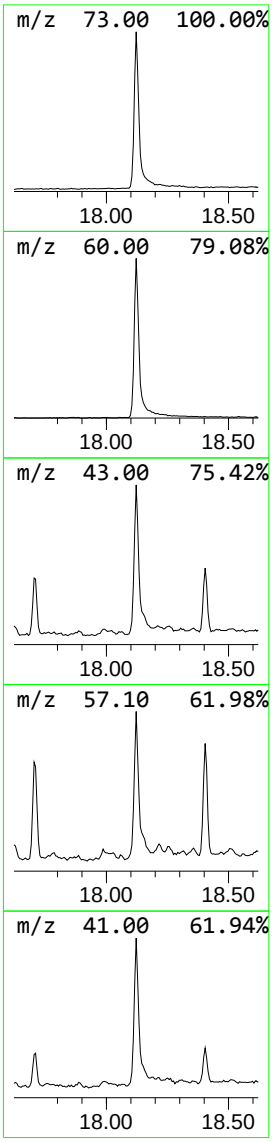
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.122	13.27 ng	1645870	Phenanthrene-d10	17.222

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	89
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

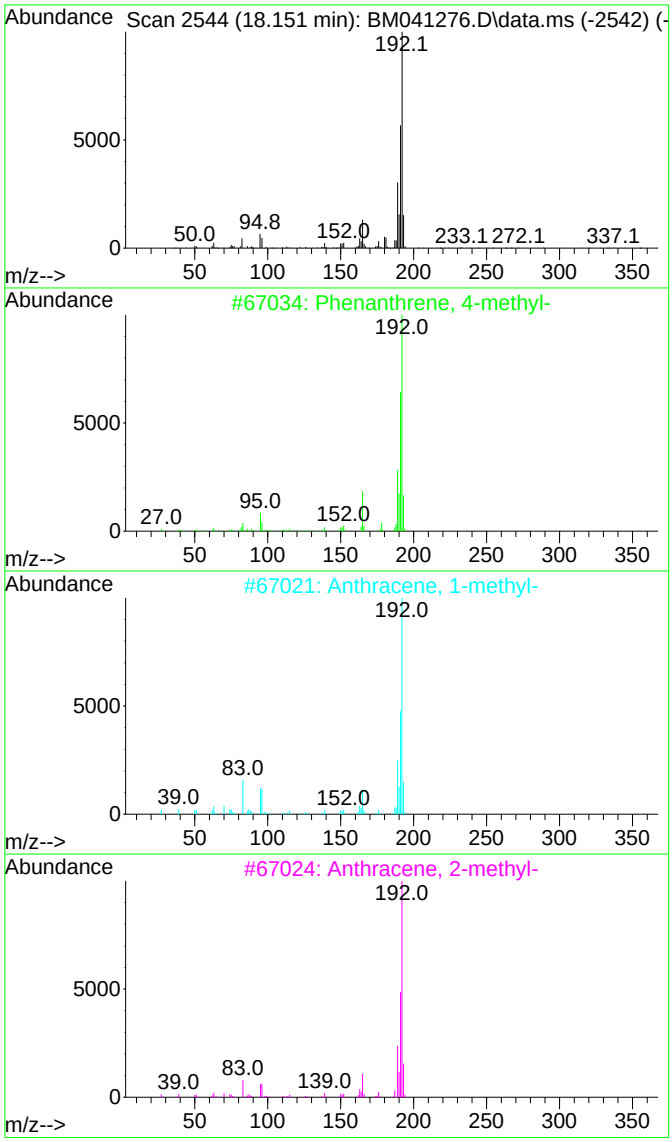
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

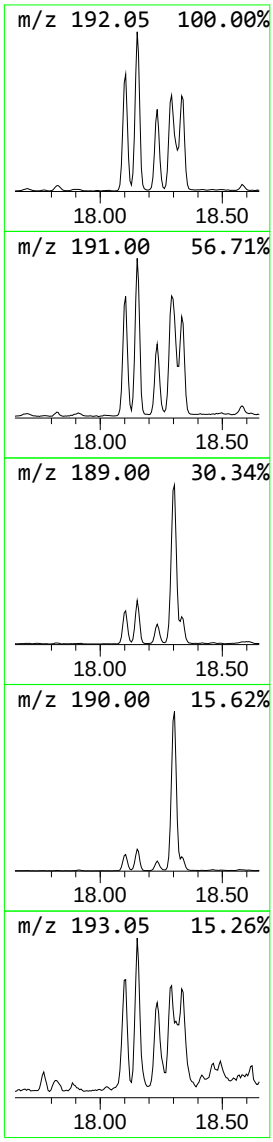
****

Peak Number 6 Phenanthrene, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.151	6.15 ng	762864	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

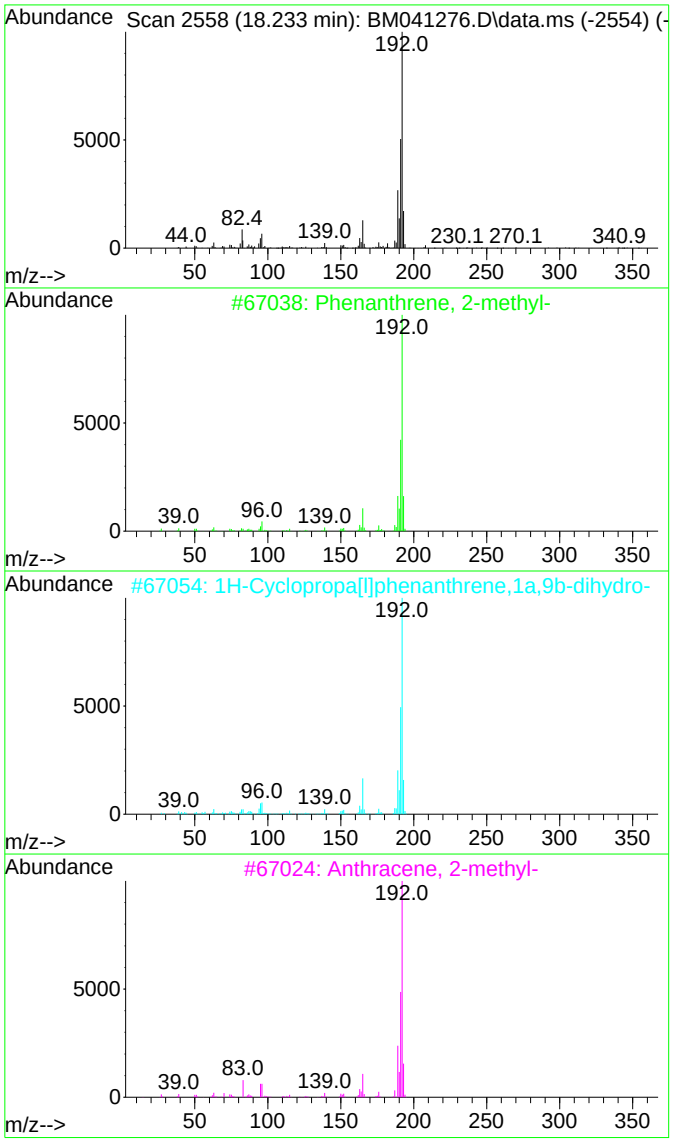
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

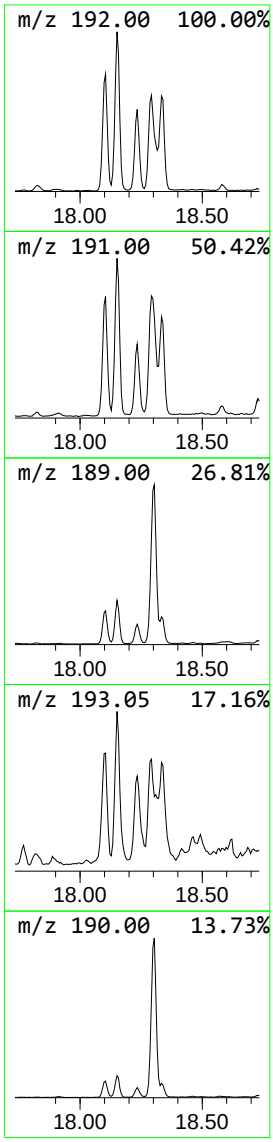
****

Peak Number 7 Phenanthrene, 2-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	3.06 ng	379796	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	94





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Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-B-9-(5-10)

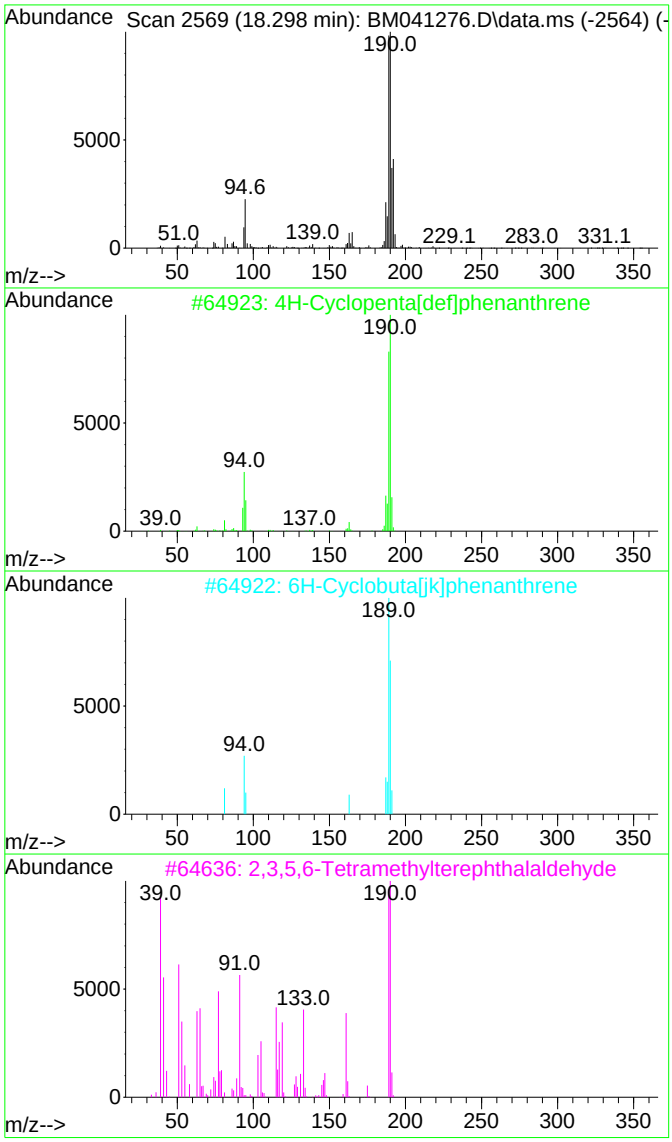
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

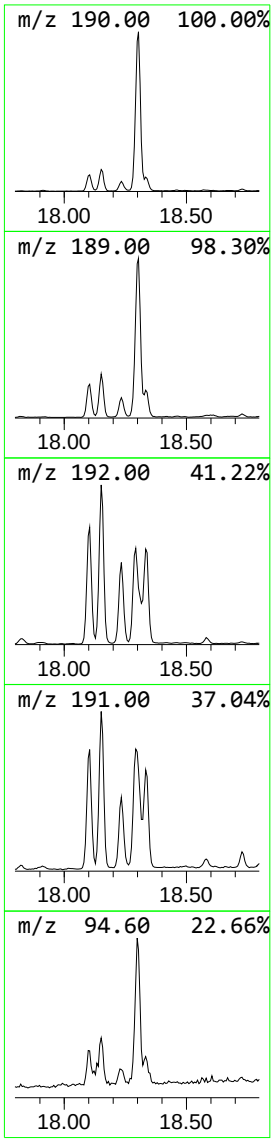
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.298	11.33 ng	1405440	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	Methyl diselenide	190	C2H6Se2	007101-31-7	46
5	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	42





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Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-B-9-(5-10)

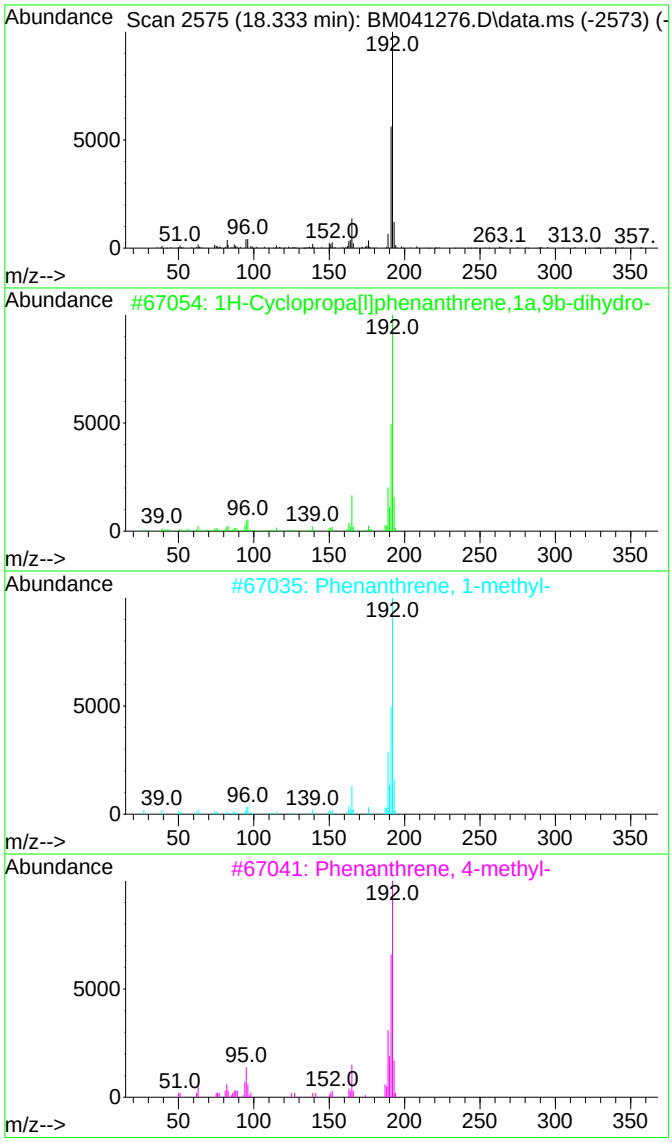
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

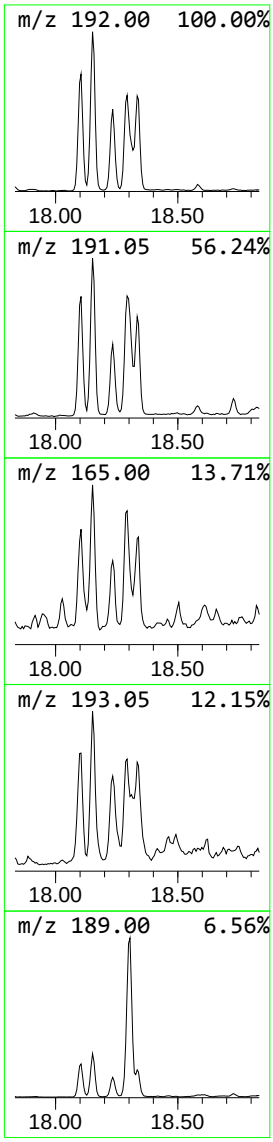
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	3.43 ng	425843	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	94
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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

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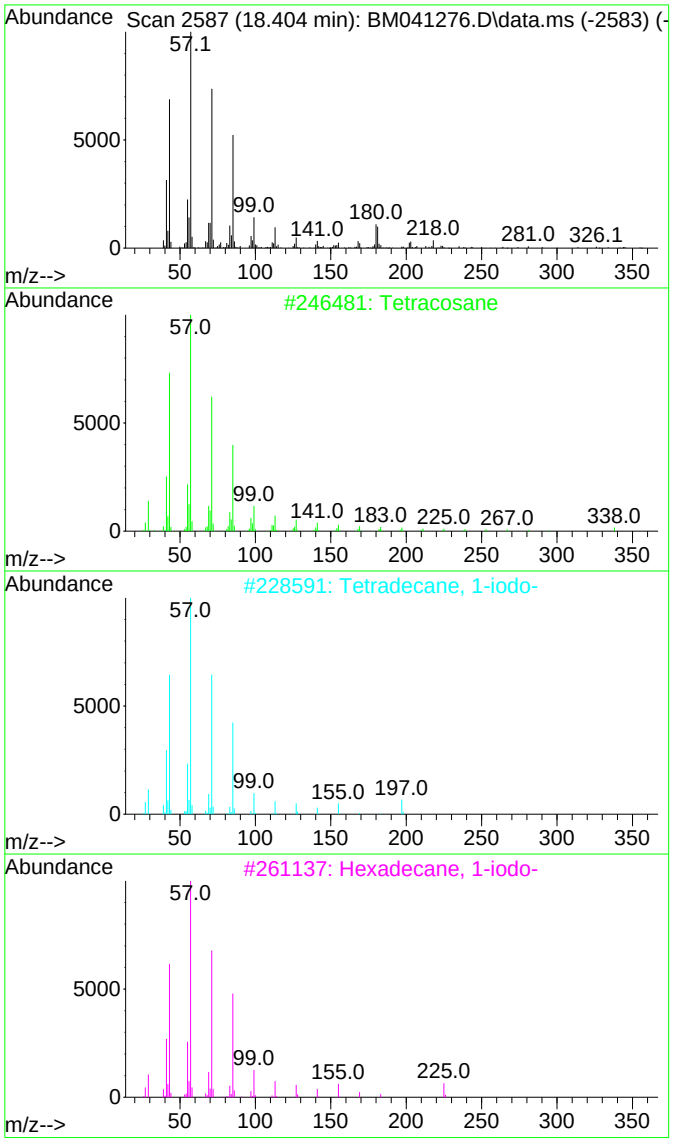
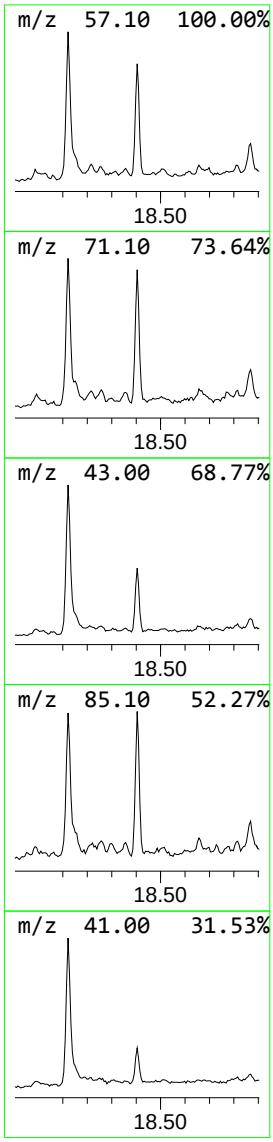
Peak Number 10 Tetracosane Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.404	2.52 ng	312332	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	83
2	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	80
3	Hexadecane, 1-iodo-	352	C16H33I	000544-77-4	80
4	Hexadecane	226	C16H34	000544-76-3	80
5	Dodecane, 1-iodo-	296	C12H25I	004292-19-7	80





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Acq On : 03 Aug 2023 23:55
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Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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

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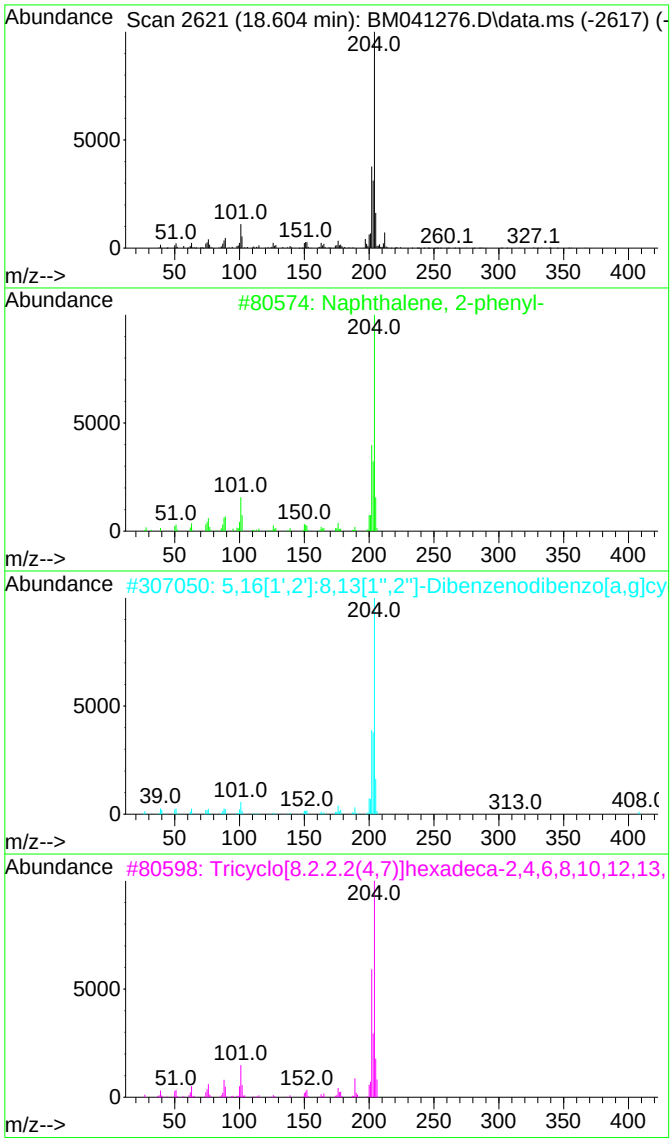
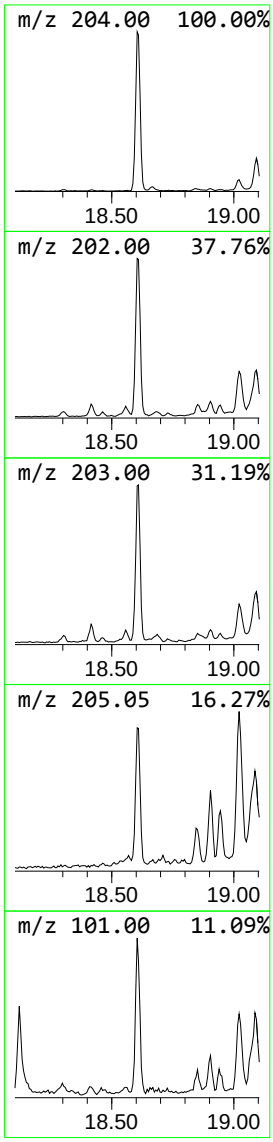
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.604	4.03 ng	499719	Phenanthrene-d10	17.222

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	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	74
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	64
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	62





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Misc :
ALS Vial : 21 Sample Multiplier: 1

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ClientSampleId :
BUILDING-B-9-(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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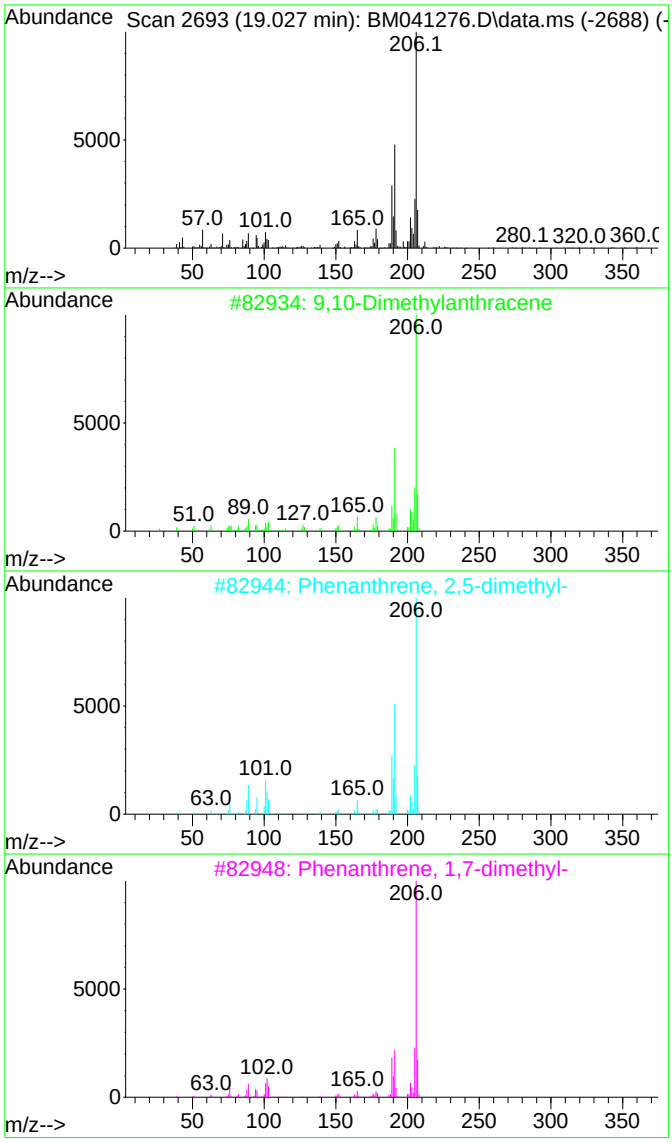
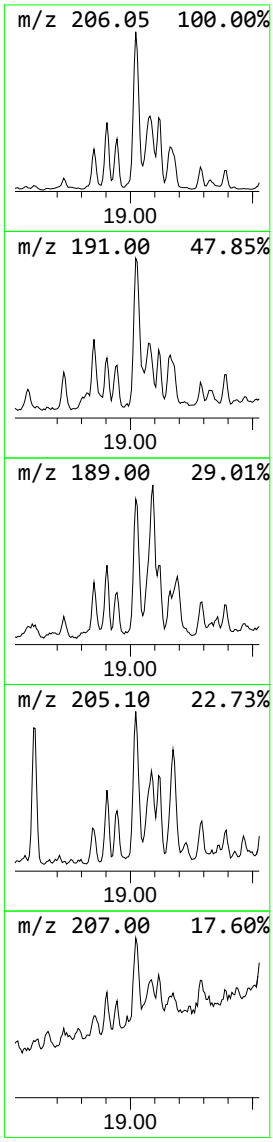
Peak Number 12 9,10-Dimethylanthracene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.027	6.19 ng	767820	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	96
3	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	di-p-Tolylacetylene	206	C16H14	002789-88-0	93





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

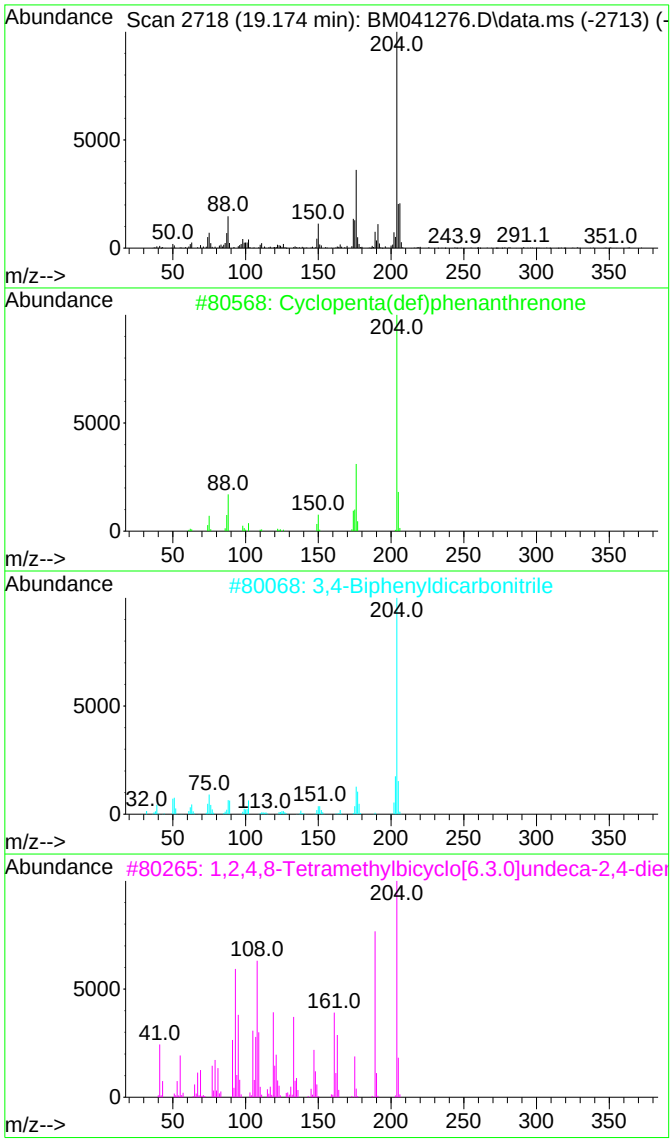
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

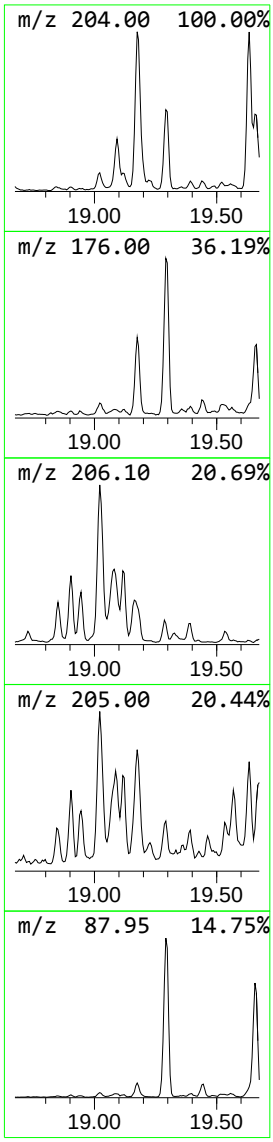
****

Peak Number 13 Cyclopenta(def)phenanthrenone Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.174	4.77 ng	591253	Phenanthrene-d10	17.222

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
3	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	47
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-B-9-(5-10)

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

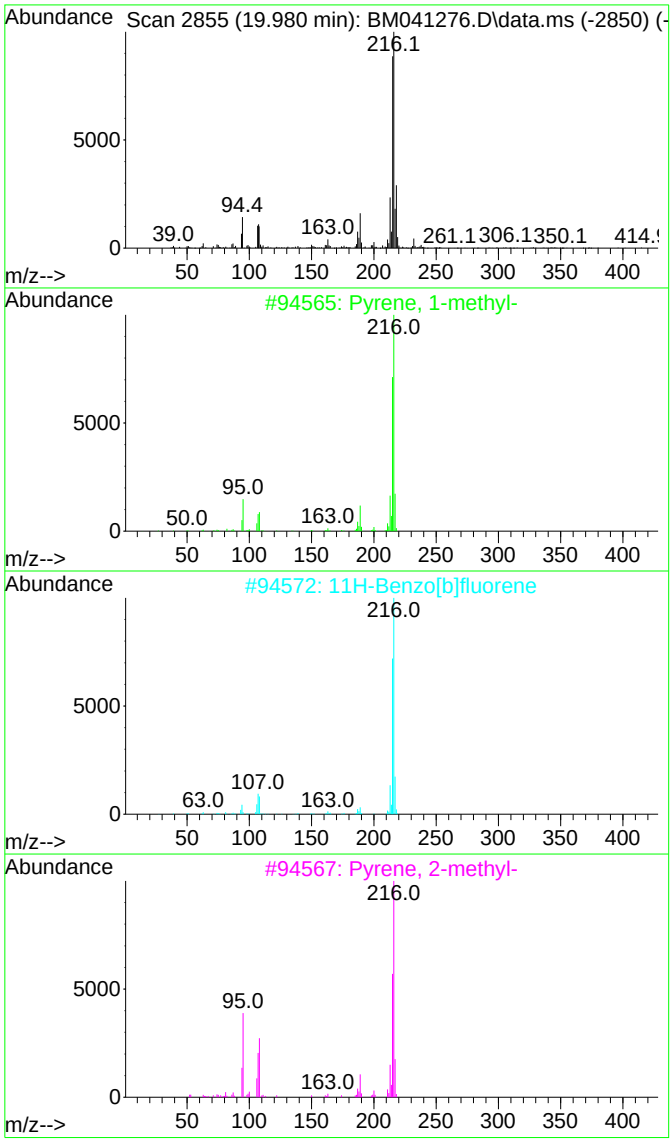
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

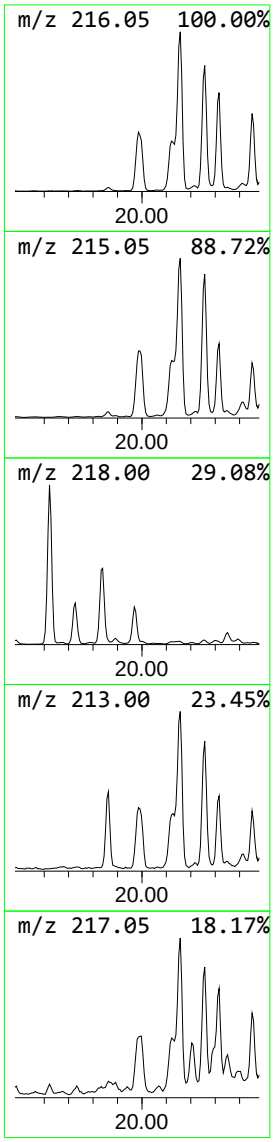
****

Peak Number 14 Pyrene, 1-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.980	2.53 ng	882559	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	70
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-B-9-(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

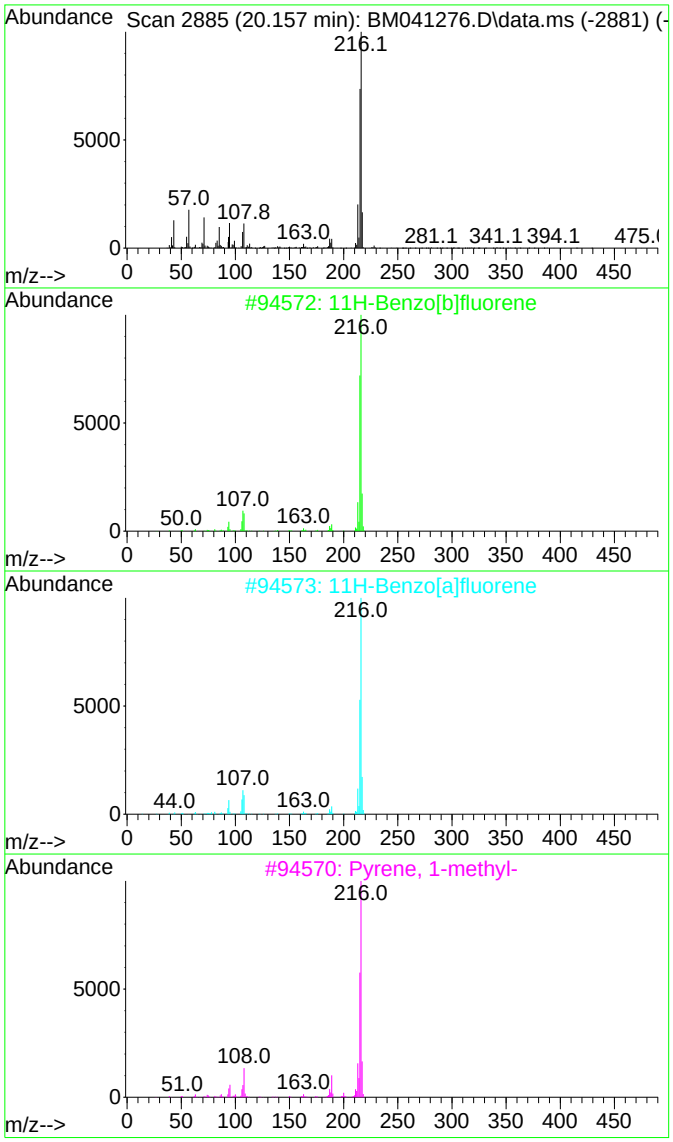
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

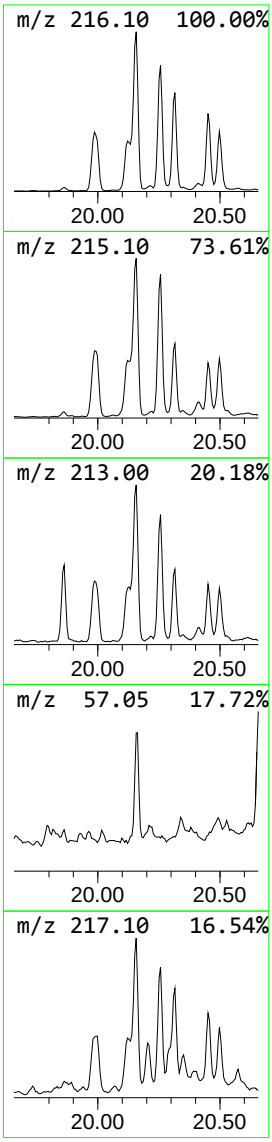
****

Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.157	3.87 ng	1351460	Chrysene-d12	21.433

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	74
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	64





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ClientSampleId :
BUILDING-B-9-(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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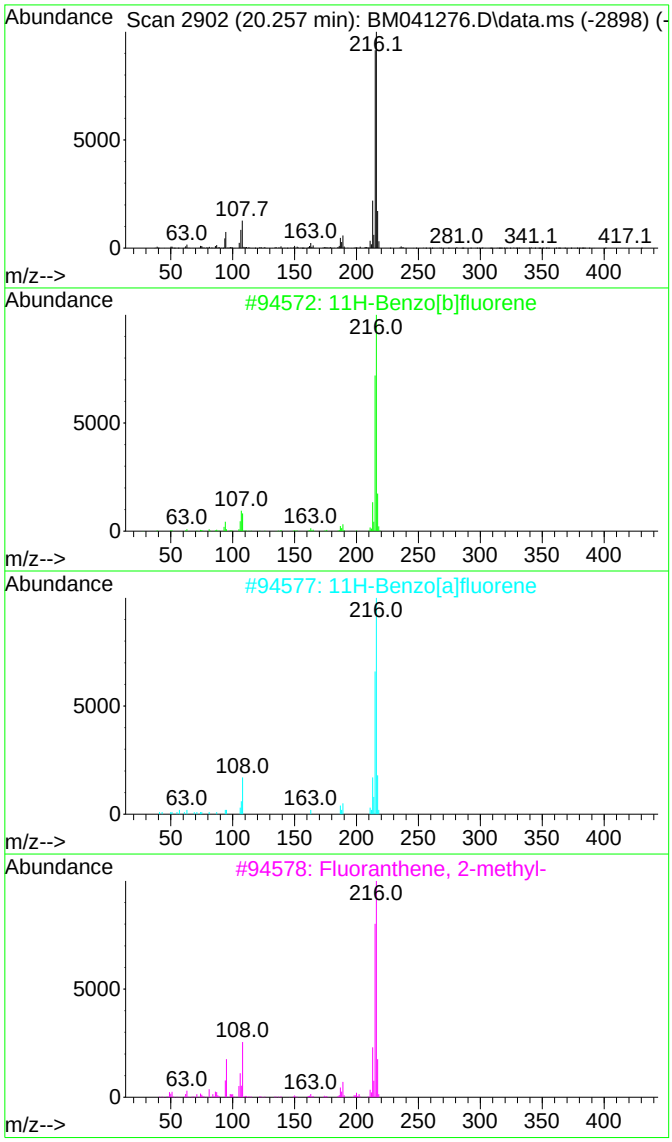
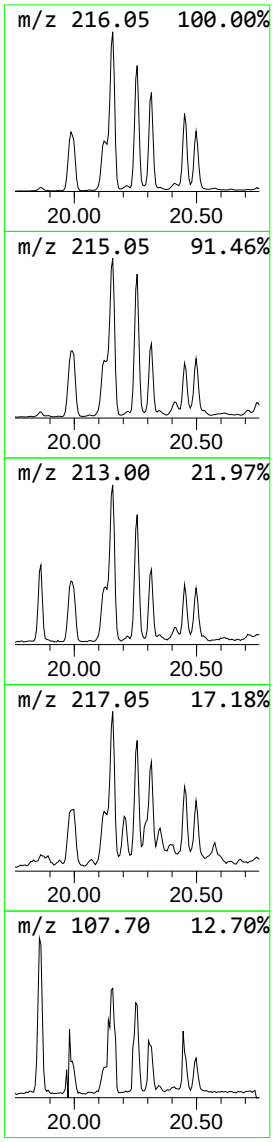
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.257	2.10 ng	733134	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	95
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72
5	Pyrene, 1-methyl-	216	C17H12	002381-21-7	62





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Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
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ClientSampleId :
BUILDING-B-9-(5-10)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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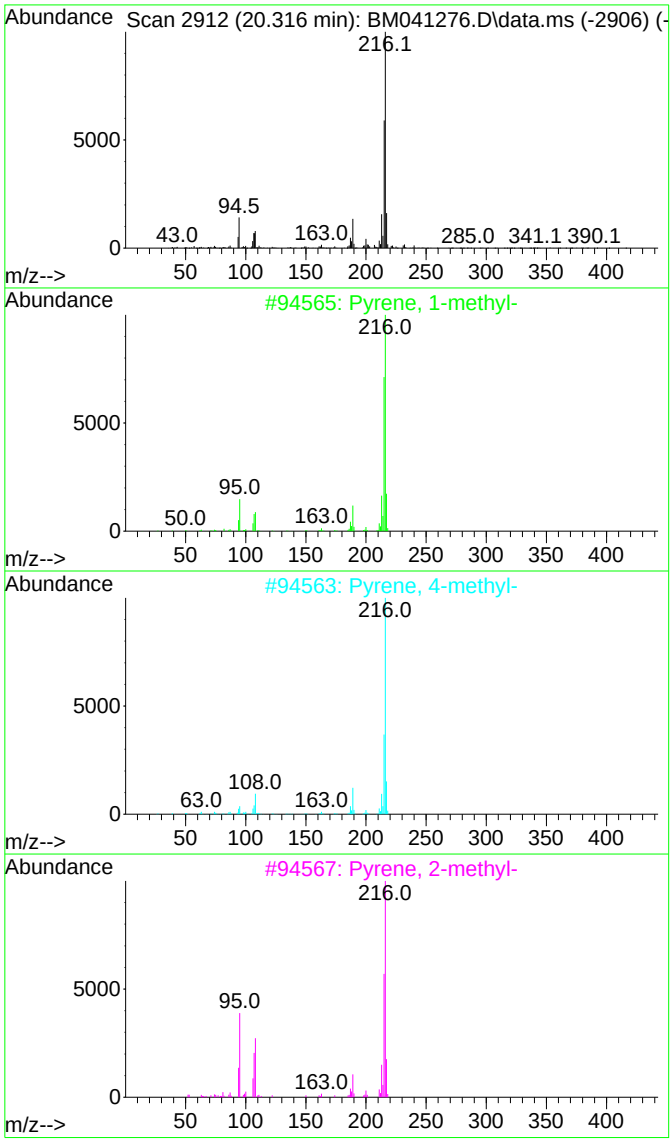
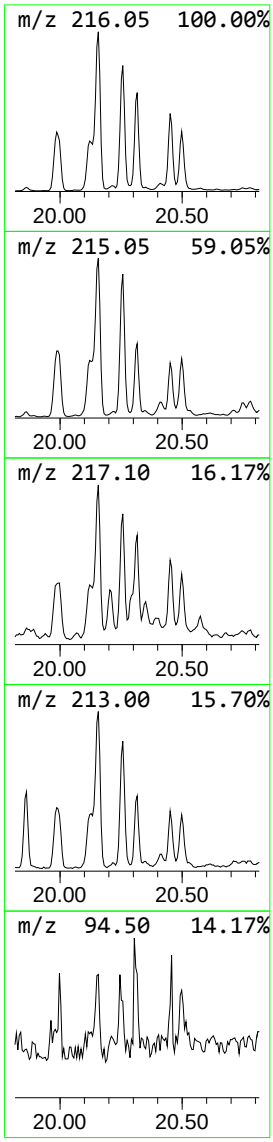
Peak Number 17 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.316	2.13 ng	745011	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 4-methyl-	216	C17H12	003353-12-6	96
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87





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BUILDING-B-9-(5-10)

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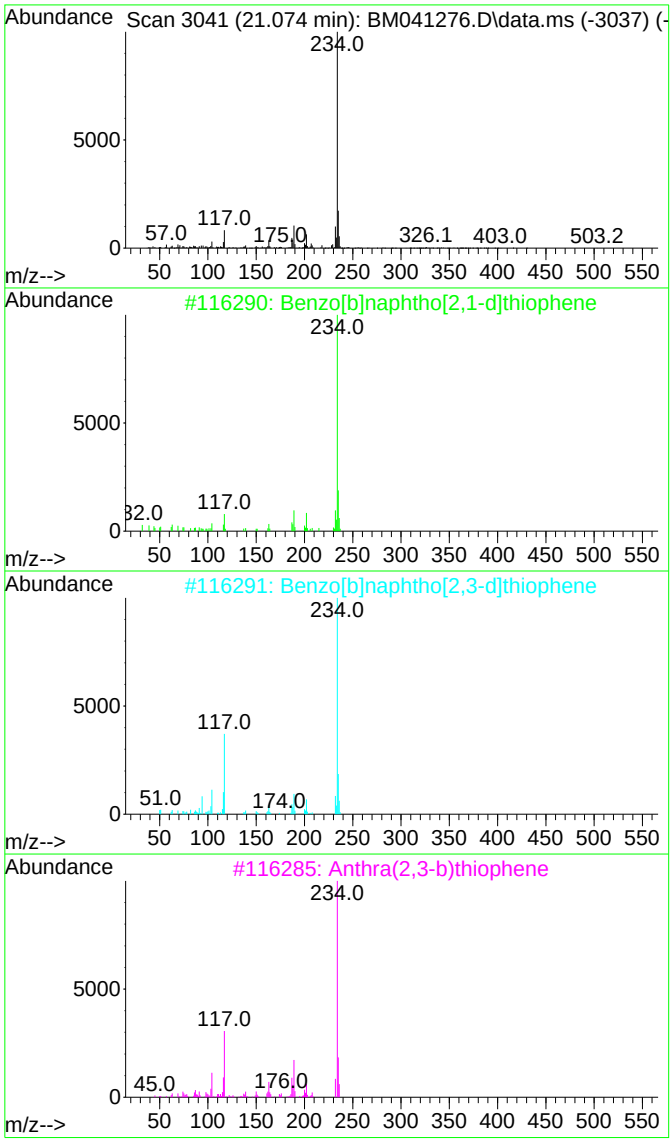
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

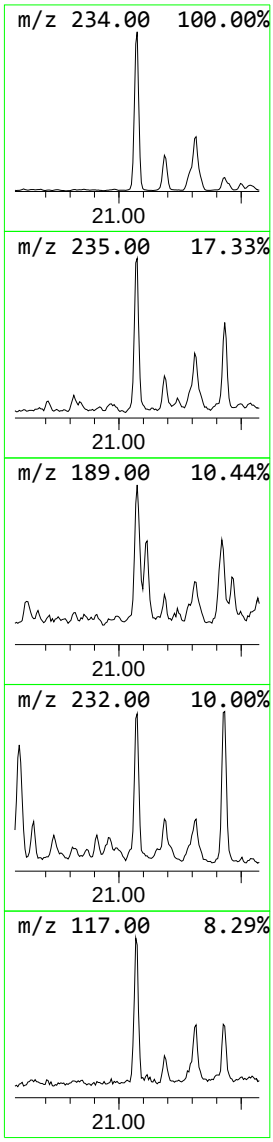
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.074	2.13 ng	744215	Chrysene-d12	21.433

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	96
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	94
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	93
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	91
5	Phenanthro(2,1-b)thiophene	234	C16H10S	000219-25-0	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(5-10)

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

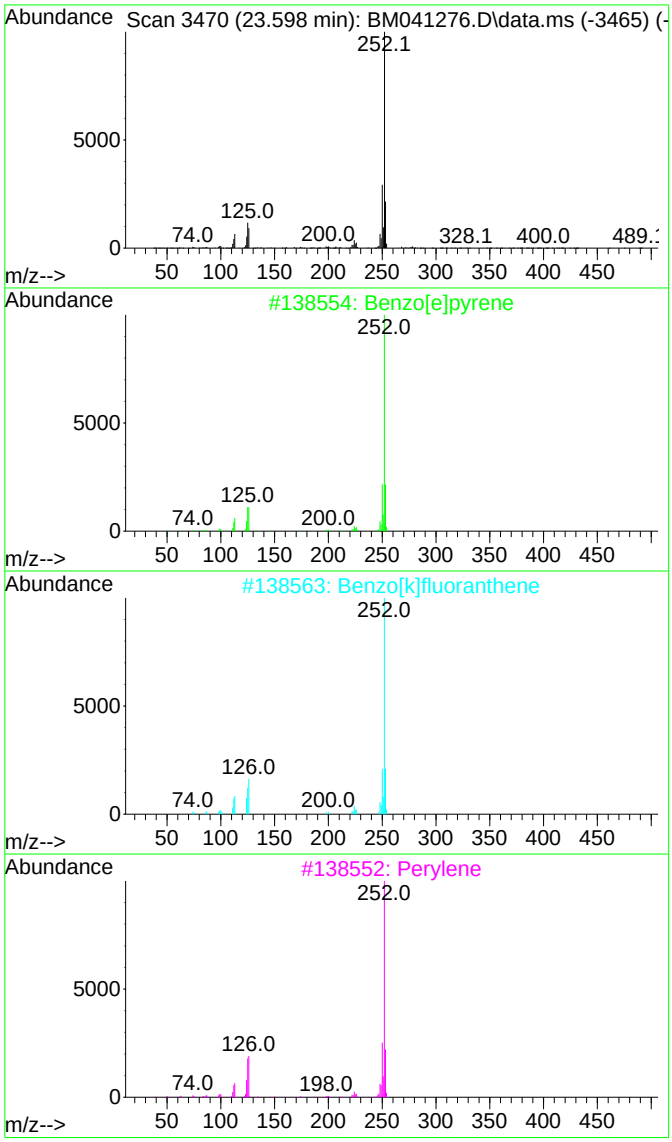
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

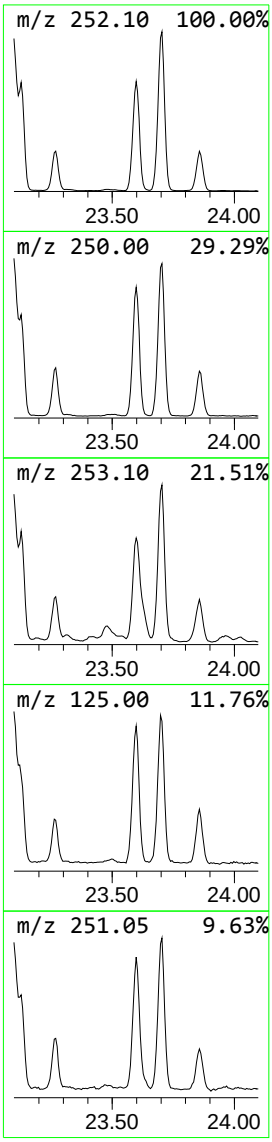
****

Peak Number 19 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.598	29.18 ng	2103100	Perylene-d12	23.804

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	Perylene	252	C20H12	000198-55-0	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080323\
Data File : BM041276.D
Acq On : 03 Aug 2023 23:55
Operator : MA/JU
Sample : 03862-06
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BUILDING-B-9-(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
Naphthalene, 1,...	13.781	2.1	ng	198789	3	14.463	1910480	20.0
Pentadecane, 2,...	16.186	2.7	ng	339107	4	17.222	2480740	20.0
Hexadecane, 1-i...	16.963	2.2	ng	275886	4	17.222	2480740	20.0
Dibenzothiophene	17.039	2.3	ng	285672	4	17.222	2480740	20.0
n-Hexadecanoic ...	18.122	13.3	ng	1645870	4	17.222	2480740	20.0
Phenanthrene, 4...	18.151	6.2	ng	762864	4	17.222	2480740	20.0
Phenanthrene, 2...	18.233	3.1	ng	379796	4	17.222	2480740	20.0
4H-Cyclopenta[d...	18.298	11.3	ng	1405440	4	17.222	2480740	20.0
1H-Cyclopropa[l...	18.333	3.4	ng	425843	4	17.222	2480740	20.0
Tetracosane	18.404	2.5	ng	312332	4	17.222	2480740	20.0
Naphthalene, 2-...	18.604	4.0	ng	499719	4	17.222	2480740	20.0
9,10-Dimethylan...	19.027	6.2	ng	767820	4	17.222	2480740	20.0
Cyclopenta(def)...	19.174	4.8	ng	591253	4	17.222	2480740	20.0
Pyrene, 1-methyl-	19.980	2.5	ng	882559	5	21.433	6982920	20.0
11H-Benzo[b]flu...	20.157	3.9	ng	1351460	5	21.433	6982920	20.0
11H-Benzo[a]flu...	20.257	2.1	ng	733134	5	21.433	6982920	20.0
Pyrene, 4-methyl-	20.316	2.1	ng	745011	5	21.433	6982920	20.0
Benzo[b]naphtho...	21.074	2.1	ng	744215	5	21.433	6982920	20.0
Benzo[e]pyrene	23.598	29.2	ng	2103100	6	23.804	1441460	20.0