LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

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-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM032410.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.190	393	400	414	rBV	5331256	7549042	70.39%	3.645%
2	6.813	668	676	691	rBV	4840999	7866669	73.35%	3.798%
3	7.613	805	812	821	rBV	1346759	2055204	19.16%	0.992%
4	8.766	995	1008	1021	rBV	3193378	5272842	49.17%	2.546%
5	10.178	1241	1248	1259	rBV	887281	1307104	12.19%	0.631%
6	10.401	1279	1286	1291	rBV	1757544	2828325	26.37%	1.365%
7	10.448	1291	1294	1304	rVB	124051	208979	1.95%	0.101%
8	12.878	1700	1707	1719	rBV	7168033	10724481	100.00%	5.178%
9	13.583	1821	1827	1829	rBV	166379	261954	2.44%	0.126%
10	13.625	1829	1834	1841	rVB	1354300	1872070	17.46%	0.904%
11	13.707	1841	1848	1854	rBV2	105297	217607	2.03%	0.105%
12	13.977	1888	1894	1906	rBV	527231	880417	8.21%	0.425%
13	14.260	1932	1942	1948	rBV	2342963	3353588	31.27%	1.619%
14	14.324	1948	1953	1961	rVB	232119	375718	3.50%	0.181%
15	14.660	2004	2010	2017	rVB2	173613	292248	2.73%	0.141%
16	14.877	2039	2047	2052	rBV3	126511	271265	2.53%	0.131%
17	15.301	2114	2119	2132	rVB2	278985	534698	4.99%	0.258%
18	15.595	2164	2169	2181	rVB5	94855	248303	2.32%	0.120%
19	15.748	2187	2195	2202	rVB	4174311	6037658	56.30%	2.915%
20	15.971	2227	2233	2240	rBV4	217580	407668	3.80%	0.197%
21	16.301	2282	2289	2294	rBV3	121062	245588	2.29%	0.119%
22	16.642	2342	2347	2355	rVB3	182815	324861	3.03%	0.157%
23	16.807	2371	2375	2385	rVB	225465	373833	3.49%	0.180%
24	16.989	2400	2406	2409	rBV	2123798	2949339	27.50%	1.424%
25	17.030	2409	2413	2419	rVB	3643341	4847947	45.20%	2.341%
26	17.118	2424	2428	2433	rVB	891895	1156624	10.78%	0.558%
27	17.177	2433	2438	2445	rBV4	122486	270930	2.53%	0.131%
28	17.383	2470	2473	2478	rVB	240027	294264	2.74%	0.142%
29	17.501	2487	2493	2498	rBV3	314508	527474	4.92%	0.255%
30	17.565	2500	2504	2508	rVB	247301	307832	2.87%	0.149%
31	17.771	2534	2539	2543	rBV3	139095	251644	2.35%	0.121%
32	17.818	2543	2547	2550	rBV	302707	429610	4.01%	0.207%
33	17.854	2550	2553	2556	rVV	1050186	1627298	15.17%	0.786%
34	17.883	2556	2558	2559	rVV	1265739	1213669	11.32%	0.586%
35	17.901	2559	2561	2570	rVB	1467987	1971923	18.39%	0.952%
36	17.983	2570	2575	2580	rBV	299943	447266	4.17%	0.216%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
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Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

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-BM100221.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.048	2581	2586	2590	rVV2	1173300	2161718	20.16%	1.044%
38	18.089	2590	2593	2599	rVB	797477	1008299	9.40%	0.487%
39	18.354	2634	2638	2641	rBV	493257	632044	5.89%	0.305%
40	18.389	2641	2644	2650	rVB2	634058	816527	7.61%	0.394%
41	18.607	2677	2681	2685	rVB	314171	380549	3.55%	0.184%
42	18.654	2685	2689	2693	rBV	456920	567648	5.29%	0.274%
43	18.695	2693	2696	2700	rVB	377596	444377	4.14%	0.215%
44	18.777	2705	2710	2715	rBV	1100914	1692504	15.78%	0.817%
45	18.830	2715	2719	2724	rVV2	446987	954678	8.90%	0.461%
46	18.871	2724	2726	2729	rVB	327541	317445	2.96%	0.153%
47	18.912	2729	2733	2741	rBV2	573935	1024919	9.56%	0.495%
48	19.042	2750	2755	2761	rVB	6160490	8010465	74.69%	3.867%
49	19.101	2761	2765	2768	rBV2	202614	303300	2.83%	0.146%
50	19.142	2768	2772	2776	rVV3	242958	398629	3.72%	0.192%
51	19.189	2776	2780	2783	rVB	226326	282653	2.64%	0.136%
52	19.230	2783	2787	2792	rVB	1651313	2003040	18.68%	0.967%
53	19.283	2793	2796	2799	rBV2	283611	369045	3.44%	0.178%
54	19.401	2807	2816	2825	rBV	5904936	9818278	91.55%	4.740%
55	19.477	2825	2829	2832	rBV3	489349	746653	6.96%	0.360%
56	19.518	2832	2836	2840	rVV	2782135	3242566	30.24%	1.565%
57	19.607	2843	2851	2864	rVB	6665025	10098021	94.16%	4.875%
58	19.724	2866	2871	2878	rBV3	662936	1638175	15.28%	0.791%
59	19.812	2883	2886	2890	rVV4	138416	236778	2.21%	0.114%
60	19.865	2890	2895	2896	rVV2	565244	811121	7.56%	0.392%
61	19.895	2897	2900	2906	rVB	1238988	1715760	16.00%	0.828%
62	20.018	2913	2921	2924	rBV2	2602346	3868265	36.07%	1.868%
63	20.054	2924	2927	2929	rBV	714034	803887	7.50%	0.388%
64	20.195	2947	2951	2955	rBV2	876626	1088432	10.15%	0.525%
65	20.242	2955	2959	2962	rVV	804459	1022153	9.53%	0.493%
66	20.277	2963	2965	2972	rVB3	192604	266994	2.49%	0.129%
67	20.359	2975	2979	2982	rVB2	197380	267016	2.49%	0.129%
68	20.454	2991	2995	3000	rBV	2822535	3693385	34.44%	1.783%
69	20.636	3023	3026	3033	rVB	816376	1180673	11.01%	0.570%
70	20.730	3039	3042	3046	rVB	318727	332631	3.10%	0.161%
71	20.806	3047	3055	3058	rBV3	794784	1698035	15.83%	0.820%
72	20.848	3058	3062	3065	rVV2	801133	1415930	13.20%	0.684%
73	20.883	3065	3068	3072	rVV3	619913	972618	9.07%	0.470%
74	20.930	3072	3076	3084	rVB2	750732	1272348	11.86%	0.614%
75	21.142	3107	3112	3117	rBV3	4095765	8079691	75.34%	3.901%
76	21.189	3117	3120	3130	rVB	3876233	4990793	46.54%	2.409%

LSC Area Percent Report

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Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Integration Parameters: rteint.p
Integrator: RTE
Smoothing : ON Filtering: 5
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Start Thrs: 0.2 Max Peaks: 100
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Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.265	3130	3133	3137	rBV3	381993	584143	5.45%	0.282%
78	21.306	3137	3140	3145	rBV	493849	628847	5.86%	0.304%
79	21.353	3145	3148	3154	rBV4	244980	549361	5.12%	0.265%
80	21.459	3162	3166	3170	rBV	546972	779134	7.27%	0.376%
81	21.636	3193	3196	3198	rBV	252370	288950	2.69%	0.140%
82	21.689	3199	3205	3208	rVV	1014048	1794724	16.73%	0.866%
83	21.736	3208	3213	3218	rVB3	800010	1554448	14.49%	0.750%
84	21.795	3221	3223	3227	rVB2	248752	288152	2.69%	0.139%
85	21.877	3234	3237	3240	rBV	547312	687831	6.41%	0.332%
86	21.971	3249	3253	3258	rVB2	393613	567920	5.30%	0.274%
87	22.353	3315	3318	3323	rBV2	686778	879360	8.20%	0.425%
88	22.612	3358	3362	3365	rBV	528366	687424	6.41%	0.332%
89	22.659	3365	3370	3376	rBV2	3861998	8611858	80.30%	4.158%
90	22.824	3394	3398	3403	rVB	561503	792941	7.39%	0.383%
91	23.118	3442	3448	3456	rVB	2146857	3850613	35.90%	1.859%
92	23.206	3457	3463	3469	rVV	2863738	4820624	44.95%	2.327%
93	23.300	3473	3479	3483	rVV2	1505575	2874344	26.80%	1.388%
94	23.342	3483	3486	3494	rVB2	856373	1497691	13.97%	0.723%
95	23.730	3547	3552	3560	rVV3	558432	1288155	12.01%	0.622%
96	23.806	3561	3565	3576	rVB2	691266	1286424	12.00%	0.621%
97	25.418	3832	3839	3848	rVB2	1533291	3801724	35.45%	1.835%
98	26.077	3944	3951	3967	rVB	1192651	4907157	45.76%	2.369%
99	28.924	4424	4435	4448	rVB3	1451029	5802243	54.10%	2.801%
100	29.188	4470	4480	4506	rVB5	1641264	7872390	73.41%	3.801%

Sum of corrected areas: 207130443

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
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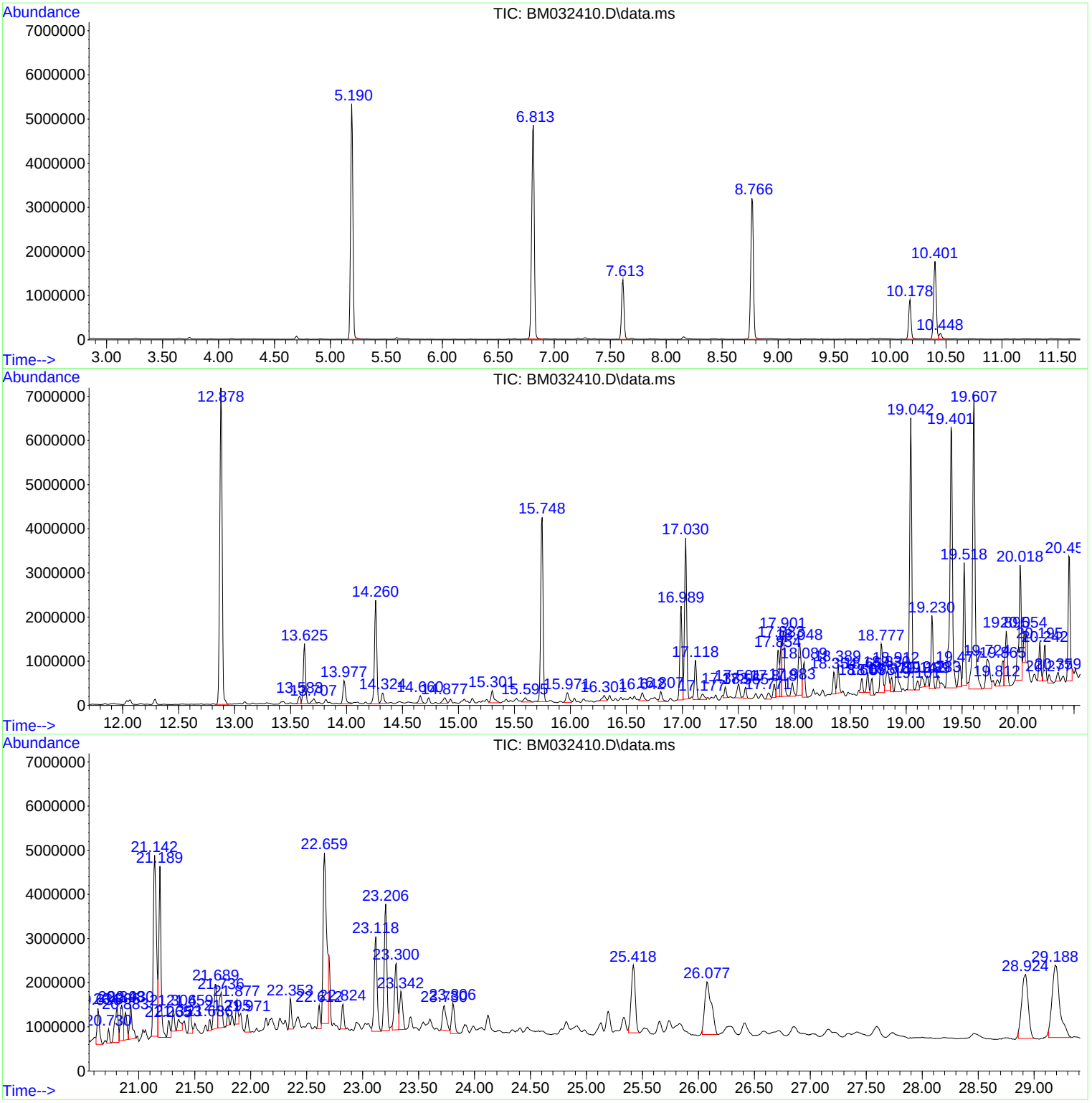
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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\BM100921\
Data File : BM032410.D
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Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

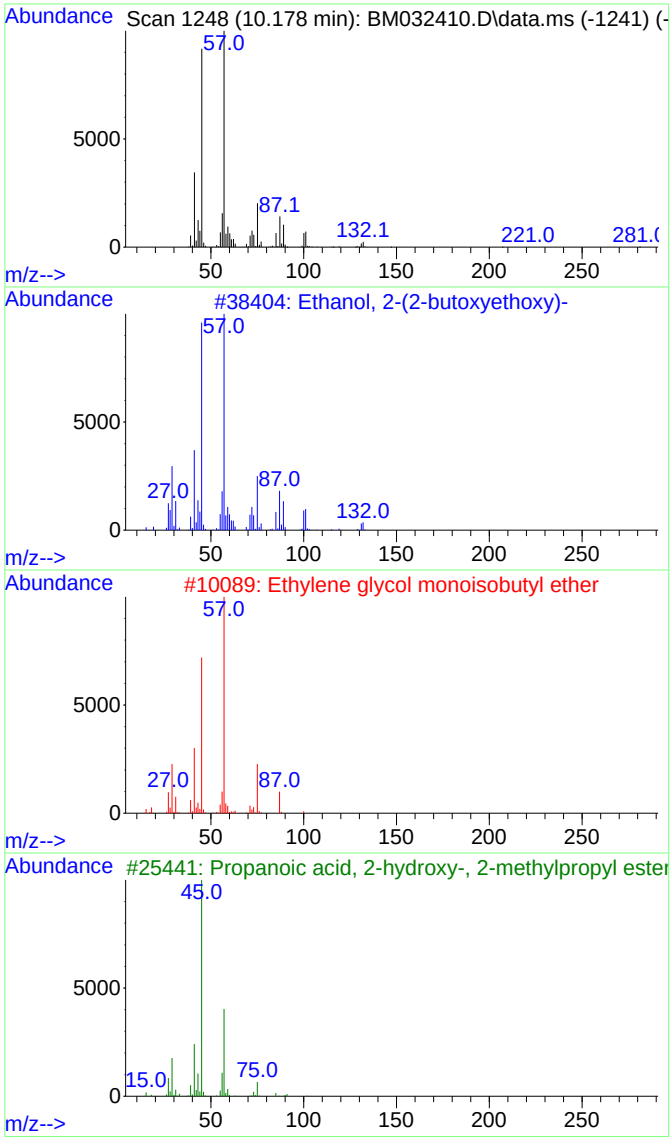
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

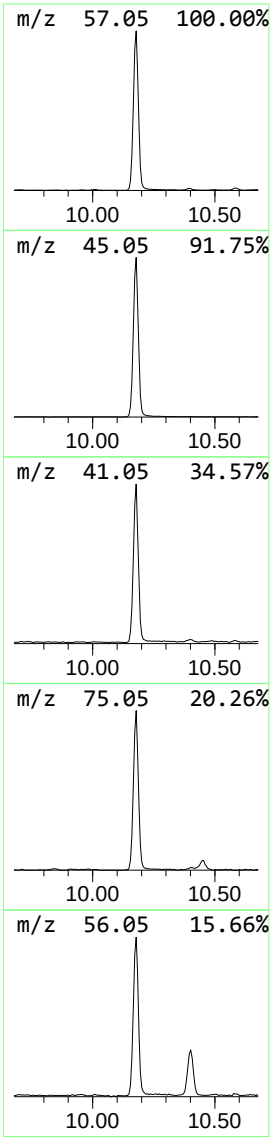
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.178	9.24 ng	1307100	Naphthalene-d8	10.401

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	91
2	Ethylene glycol monoisobutyl ether	118	C6H14O2	004439-24-1	64
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
4	Ethanol, 2-[2-(2-methylpropoxy)e...	162	C8H18O3	018912-80-6	56
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	52





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

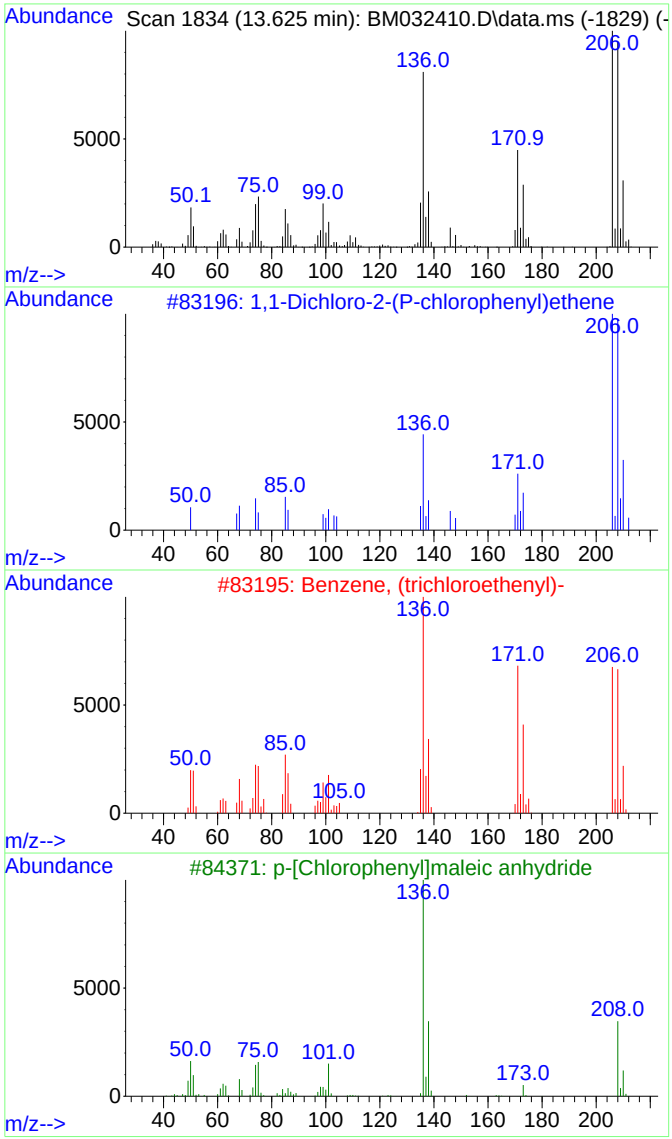
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

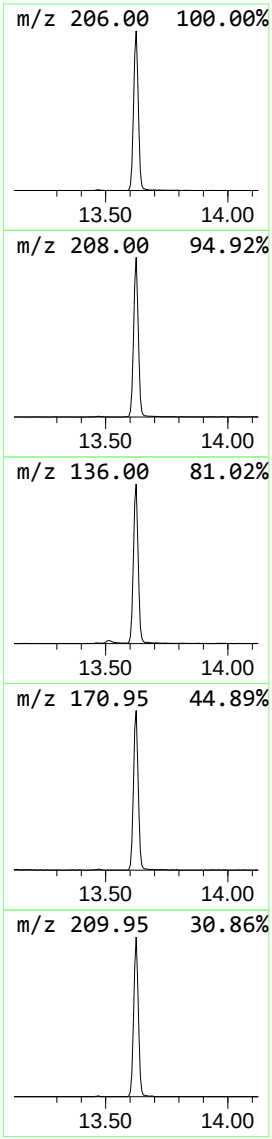
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 1,1-Dichloro-2-(P-chlorophe... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.624	11.16 ng	1872070	Acenaphthene-d10	14.260

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,1-Dichloro-2-(P-chlorophenyl)e...	206	C8H5Cl3	005263-17-2	86
2	Benzene, (trichloroethenyl)-	206	C8H5Cl3	000700-60-7	70
3	p-[Chlorophenyl]maleic anhydride	208	C10H5ClO3	003152-15-6	64
4	Benzene, 1,4-dichloro-2-(2-chlor...	206	C8H5Cl3	054935-00-1	52
5	Benzene, 2,4-dichloro-1-(2-chlor...	206	C8H5Cl3	045892-47-5	49





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Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

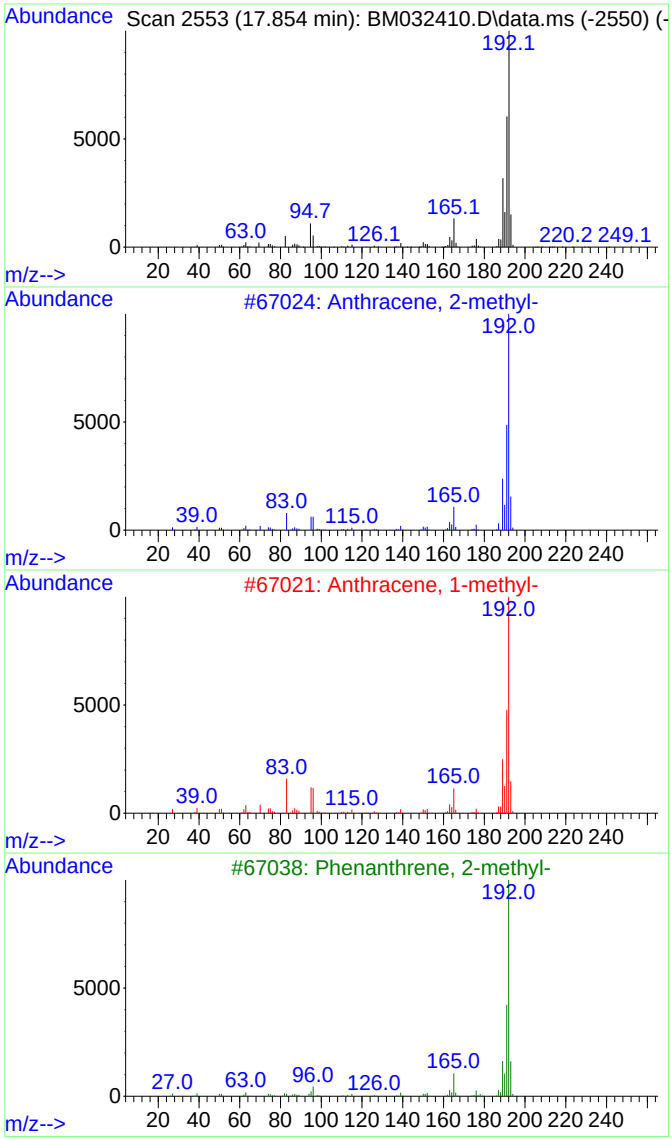
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

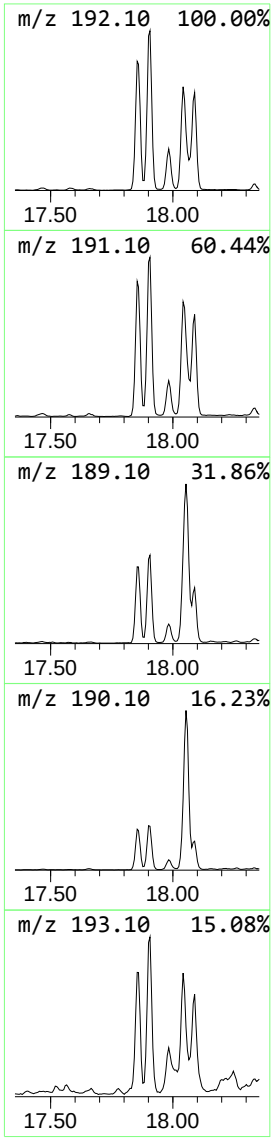
****

Peak Number 3 Anthracene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.854	11.04 ng	1627300	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93





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Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

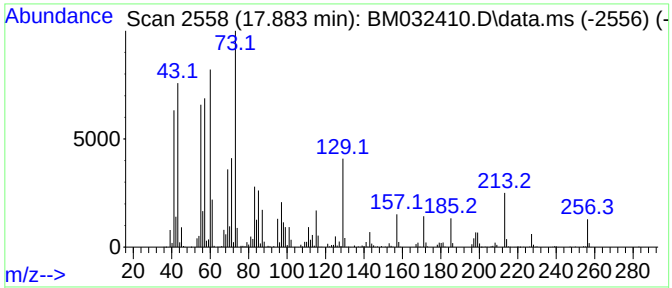
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

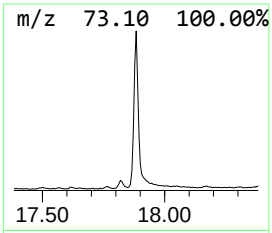
****

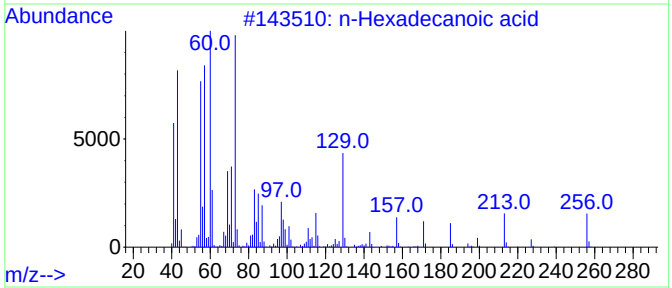
Peak Number 4 n-Hexadecanoic acid Concentration Rank 14

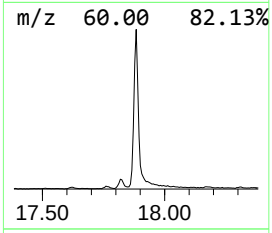
R.T.	EstConc	Area	Relative to ISTD	R.T.
17.883	8.23 ng	1213670	Phenanthrene-d10	16.989

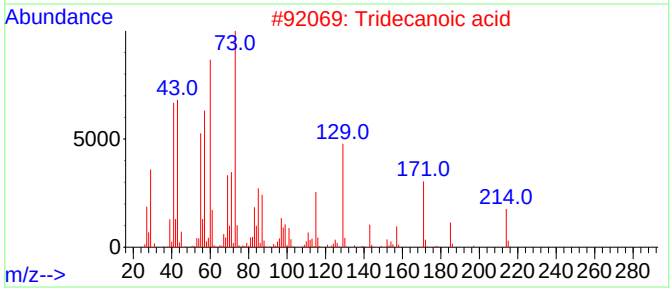
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	94
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62

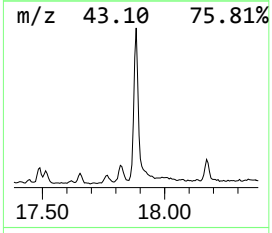


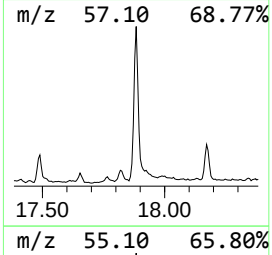


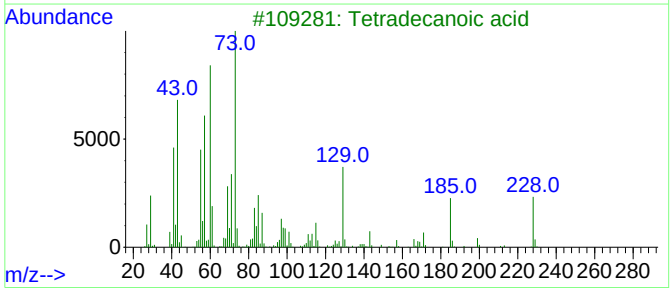


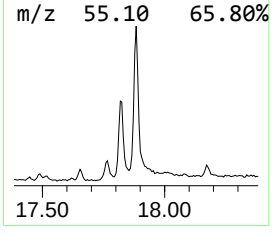












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Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

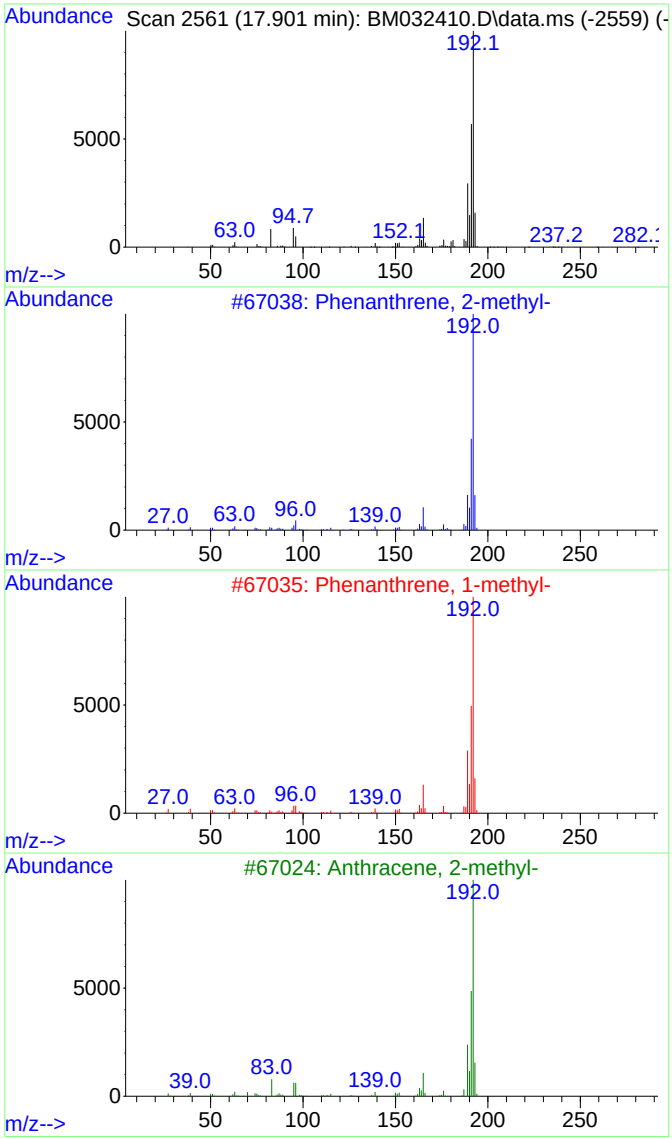
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

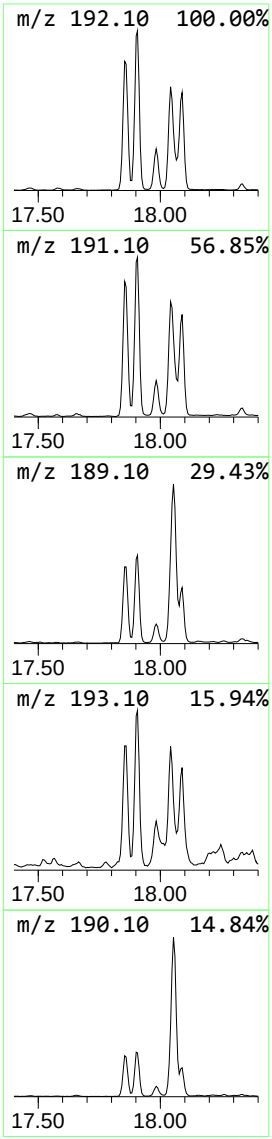
****

Peak Number 5 Phenanthrene, 2-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.901	13.37 ng	1971920	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





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Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

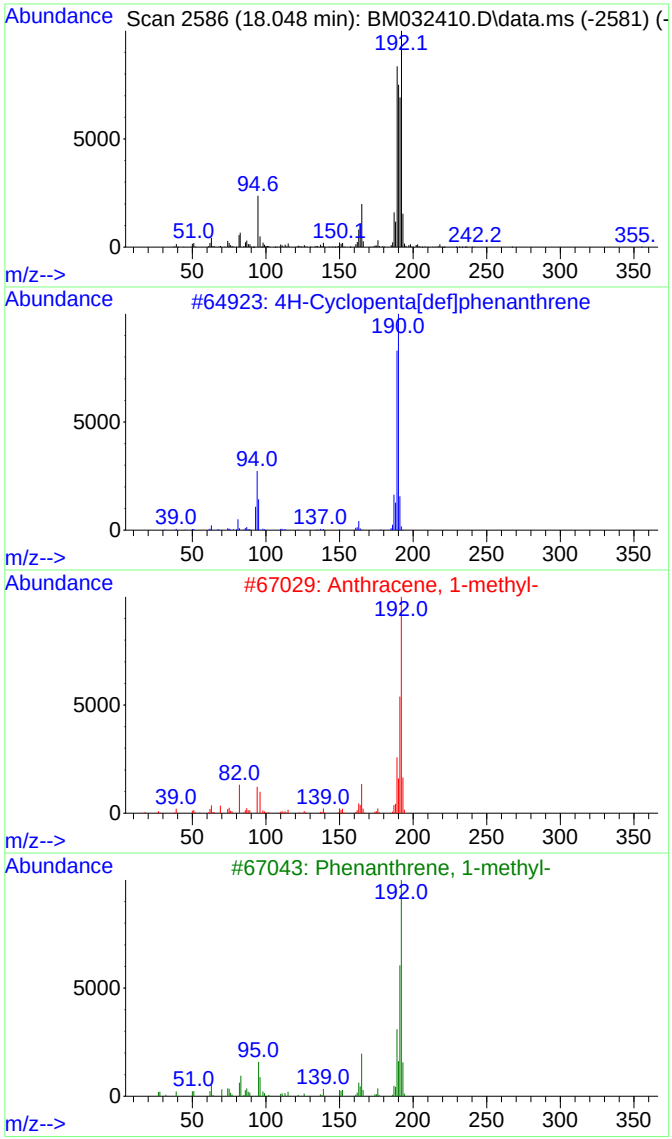
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

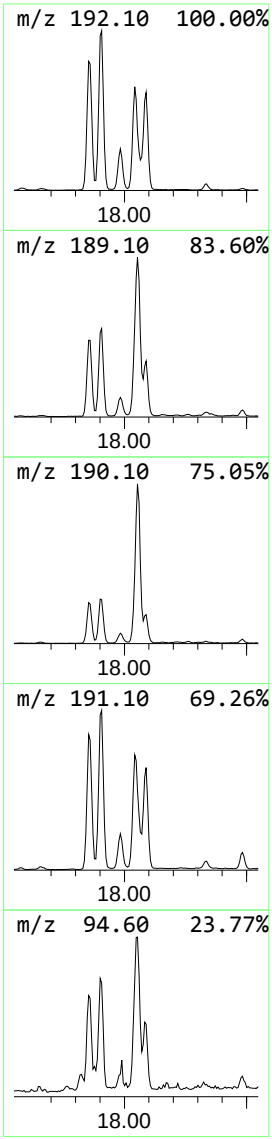
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.048	14.66 ng	2161720	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	46
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	46
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	46
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42





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Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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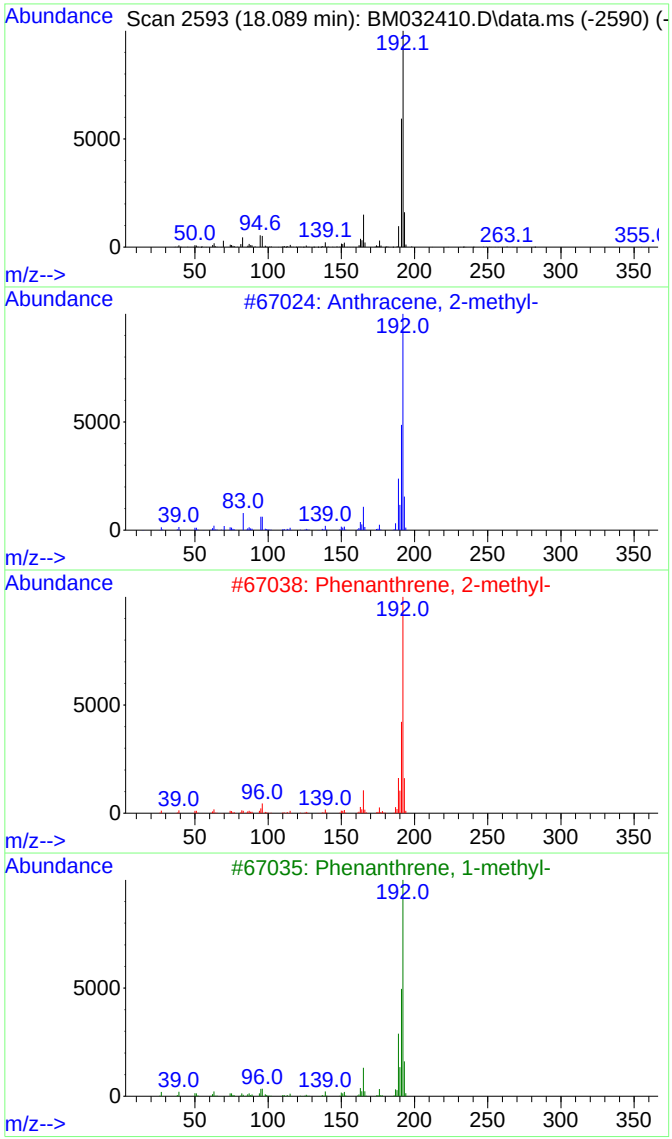
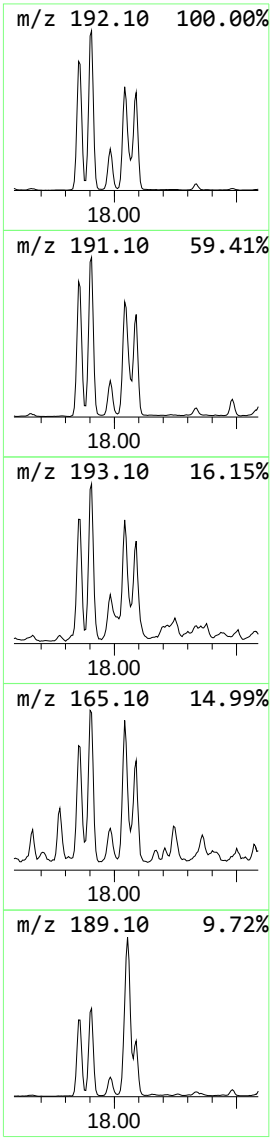
Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.089	6.84 ng	1008300	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	90





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Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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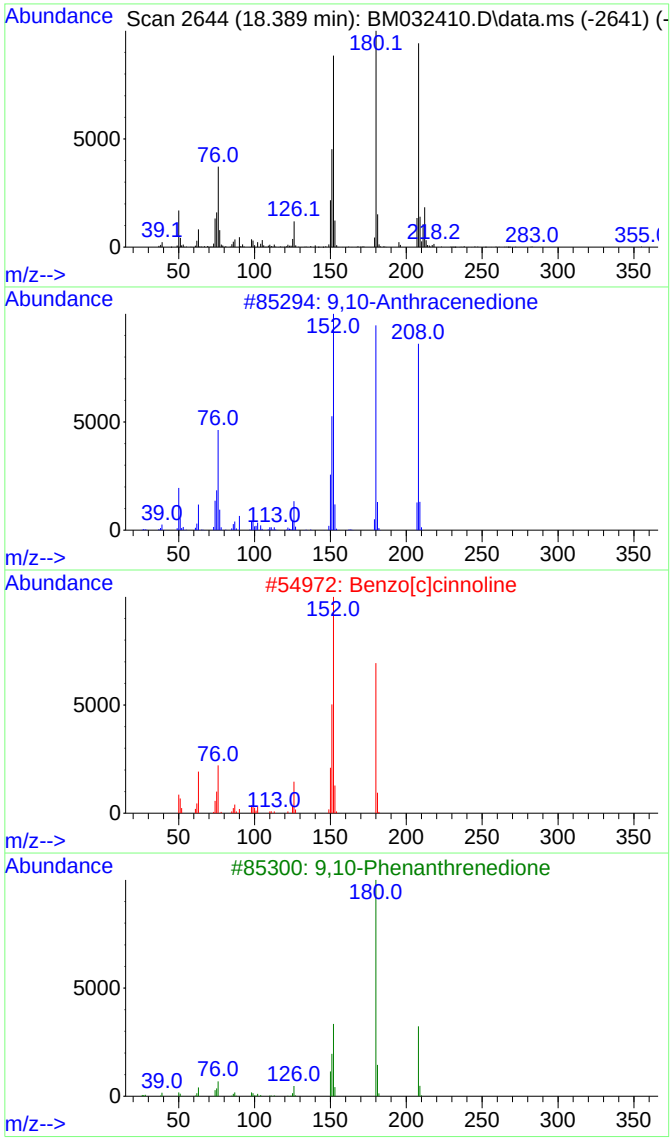
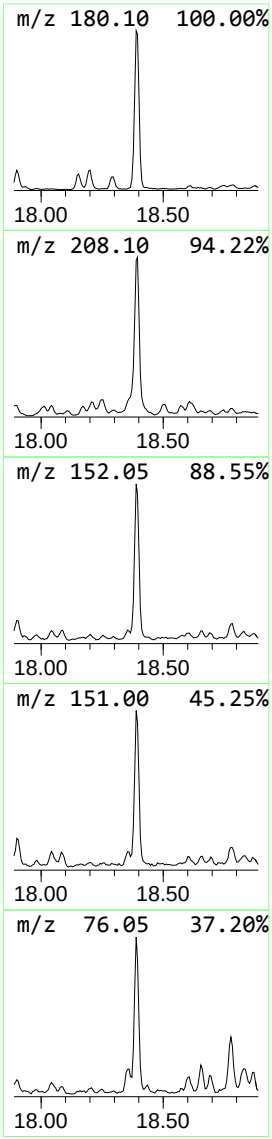
Peak Number 8 9,10-Anthracenedione Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.389	5.54 ng	816527	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55





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Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(0-0.5)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

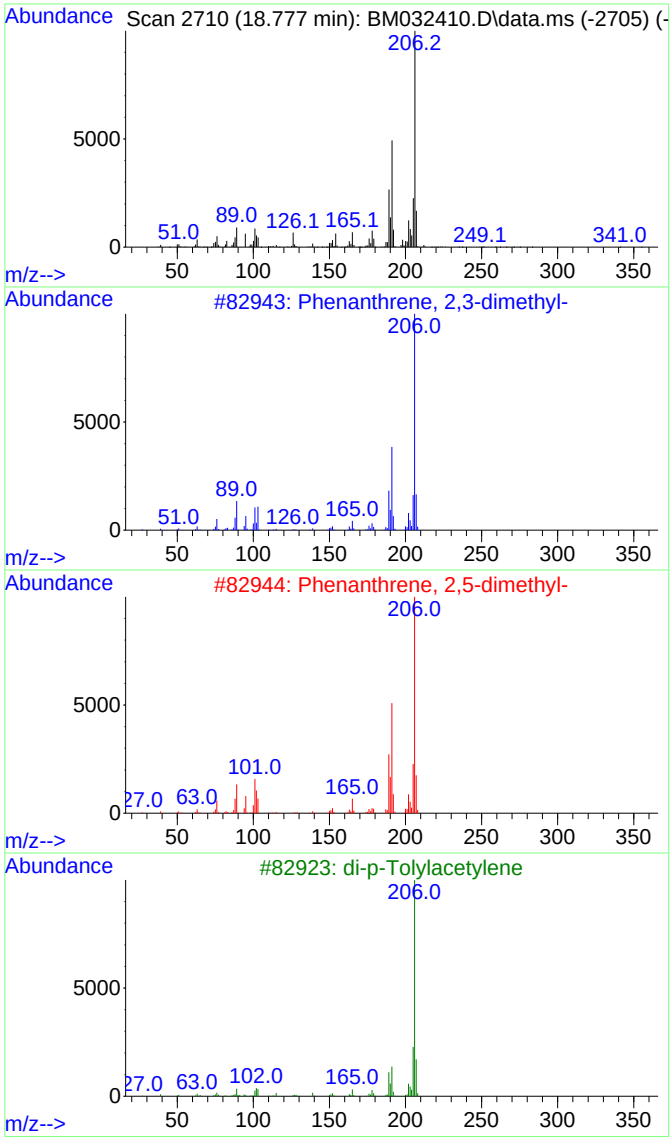
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

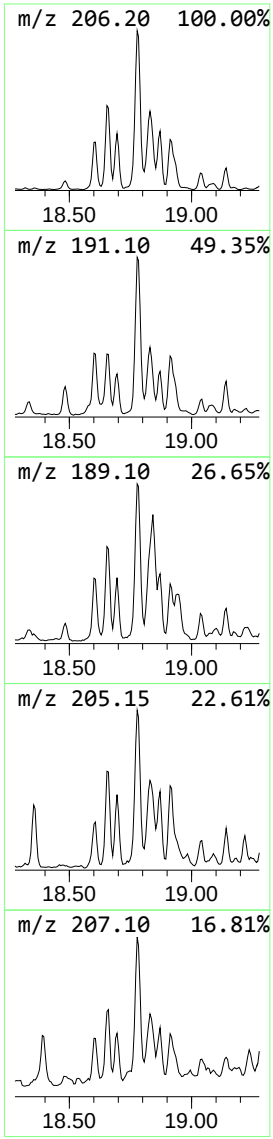
****

Peak Number 9 Phenanthrene, 2,3-dimethyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.777	11.48 ng	1692500	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	94
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	91





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Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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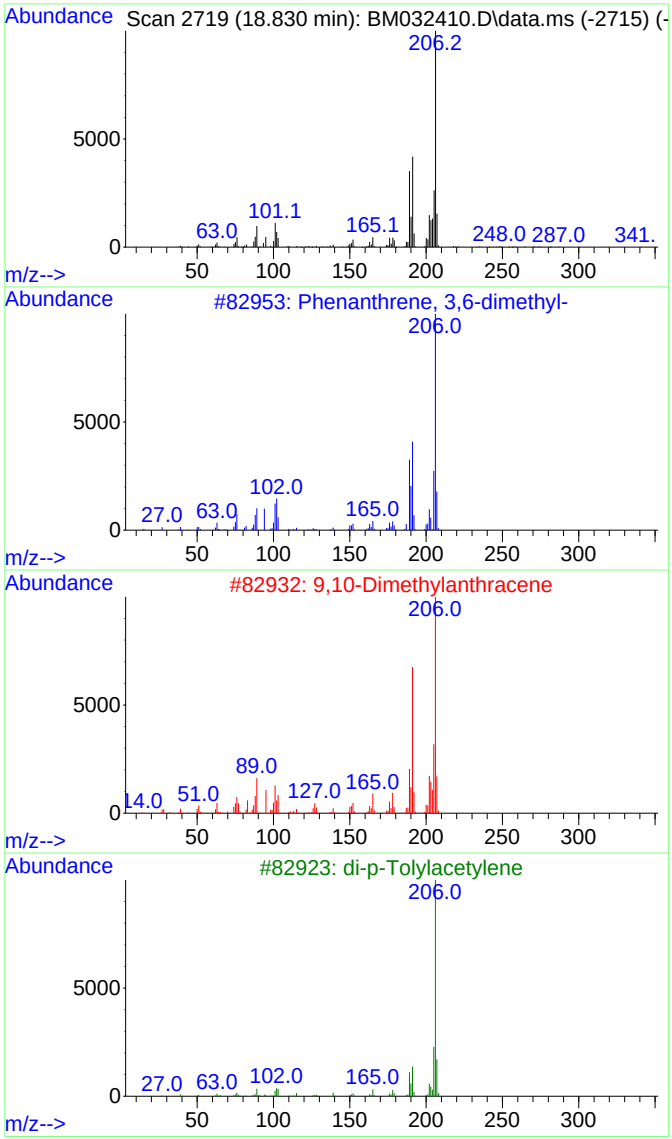
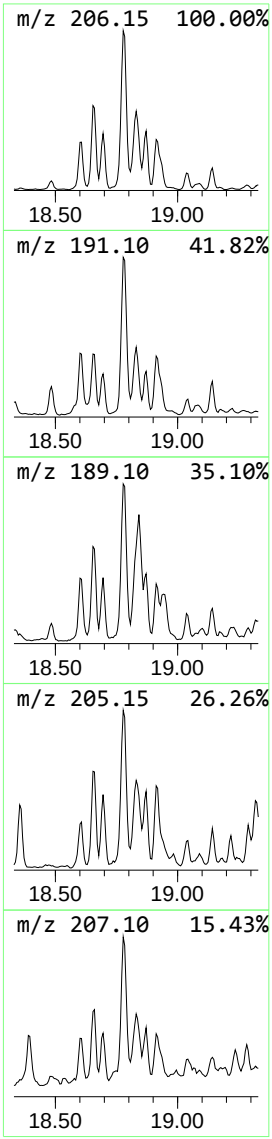
Peak Number 10 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.830	6.47 ng	954678	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	87





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Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(0-0.5)

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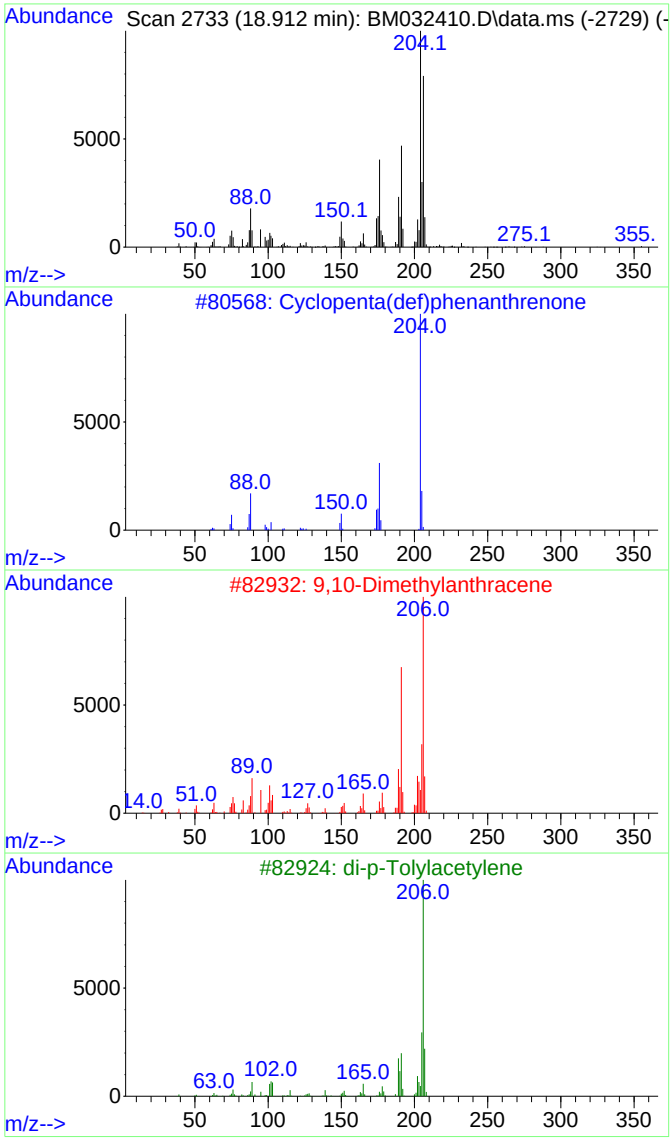
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

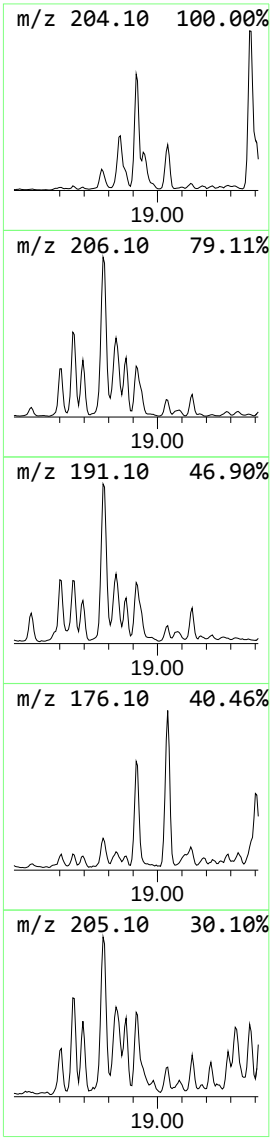
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.912	6.95 ng	1024920	Phenanthrene-d10	16.989

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	93
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	90
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	80
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	70
5	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	64





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Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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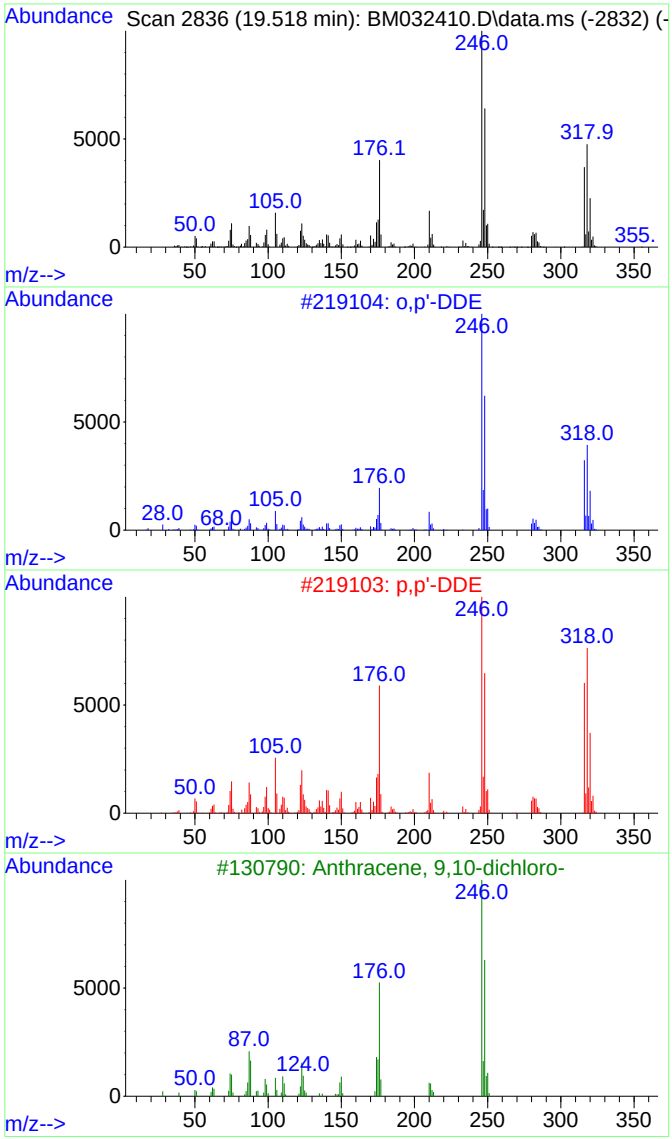
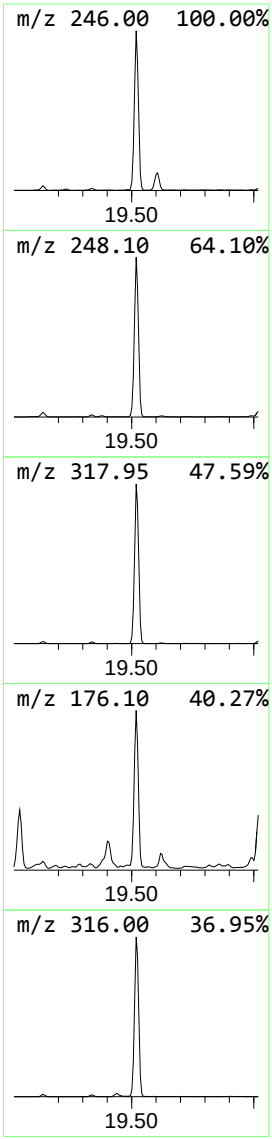
Peak Number 12 o,p'-DDE Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.518	8.03 ng	3242570	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o,p'-DDE	316	C14H8Cl4	003424-82-6	99
2	p,p'-DDE	316	C14H8Cl4	000072-55-9	99
3	Anthracene, 9,10-dichloro-	246	C14H8Cl2	000605-48-1	97
4	Anthracene, 1,8-dichloro-	246	C14H8Cl2	014381-66-9	93
5	Ethene, 1-chloro-1,2-bis(4-chlor...	282	C14H9Cl3	076905-73-2	92





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Sample : M4117-10
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ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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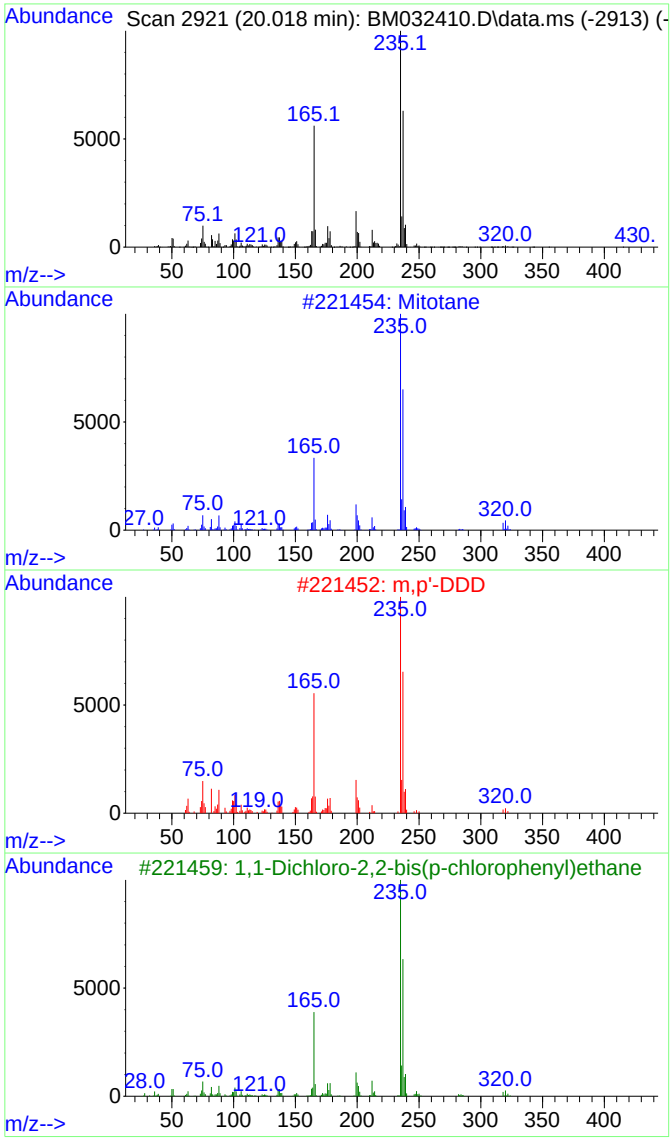
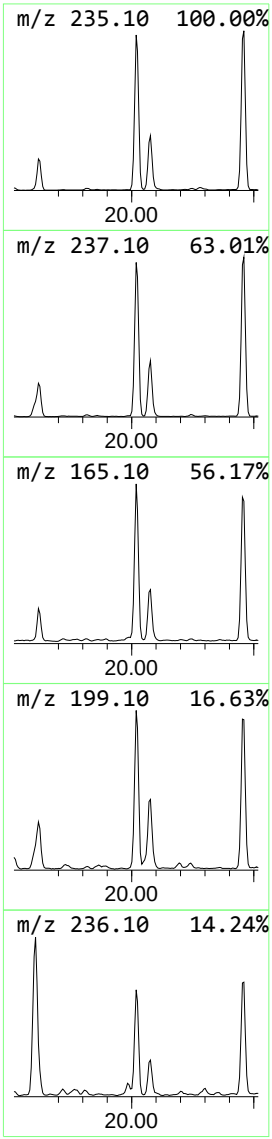
Peak Number 13 Mitotane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.018	9.58 ng	3868270	Chrysene-d12	21.153

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Mitotane	318	C14H10Cl4	000053-19-0	99
2	m,p'-DDD	318	C14H10Cl4	004329-12-8	99
3	1,1-Dichloro-2,2-bis(p-chlorophe...	318	C14H10Cl4	000072-54-8	91
4	2,2-Bis(p-chlorophenyl)ethanol	266	C14H12Cl2O	002642-82-2	87
5	p,p'-DDT	352	C14H9Cl5	000050-29-3	78





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ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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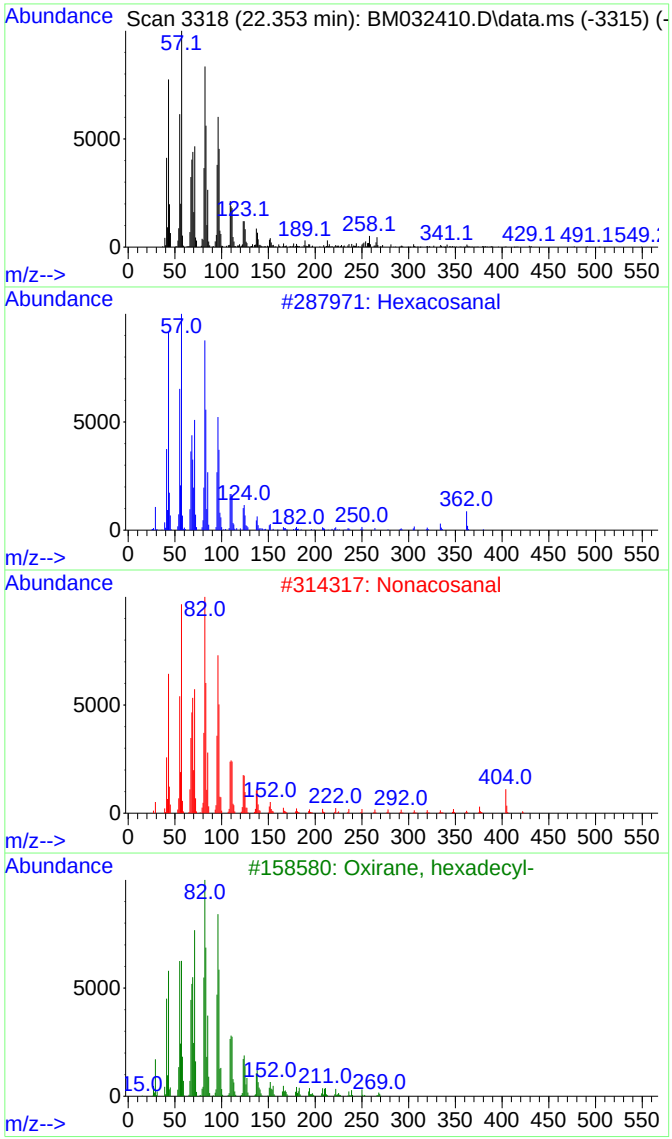
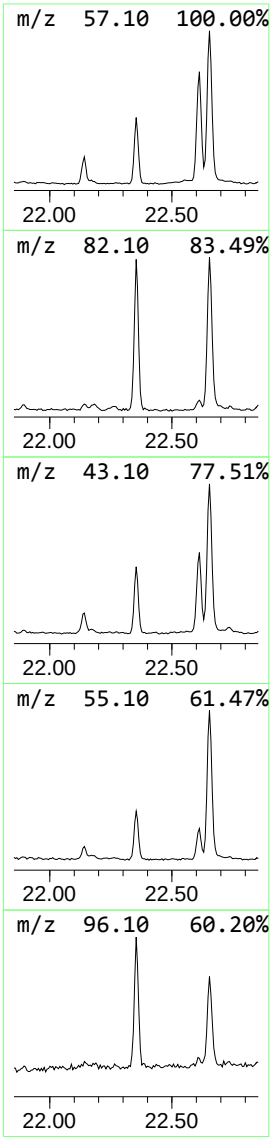
Peak Number 15 Hexacosanal Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.353	6.12 ng	879360	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexacosanal	380	C26H52O	026627-85-0	96
2	Nonacosanal	422	C29H58O	072934-04-4	94
3	Oxirane, hexadecyl-	268	C18H36O	007390-81-0	94
4	Octadecanal	268	C18H36O	000638-66-4	91
5	Tetradecanal	212	C14H28O	000124-25-4	90





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Sample : M4117-10
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Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

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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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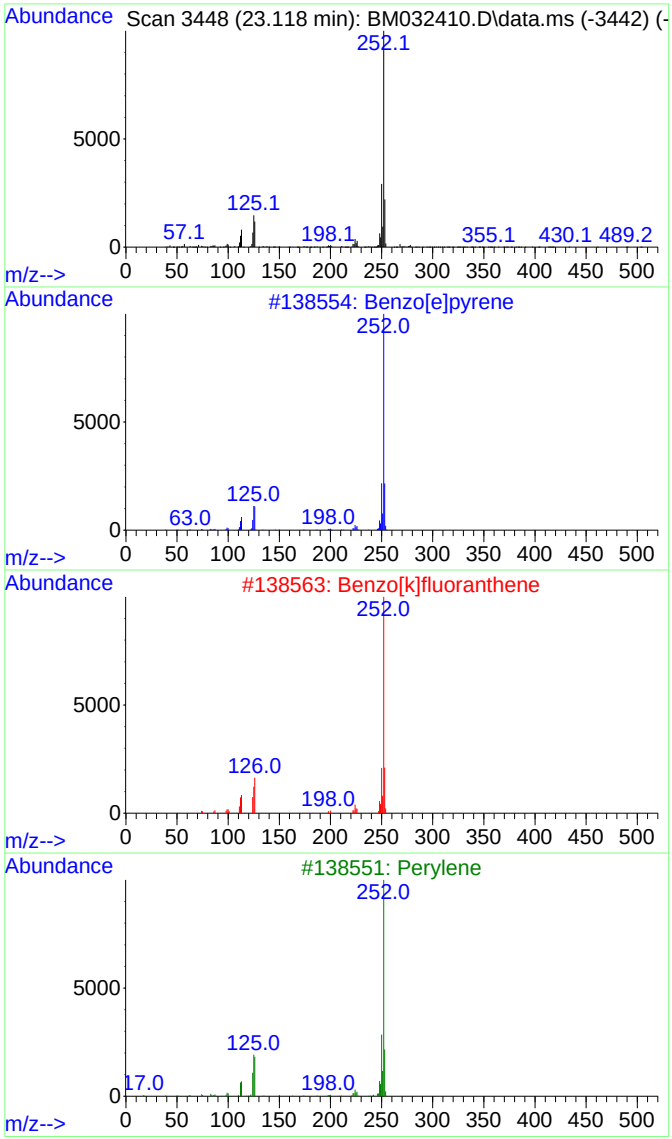
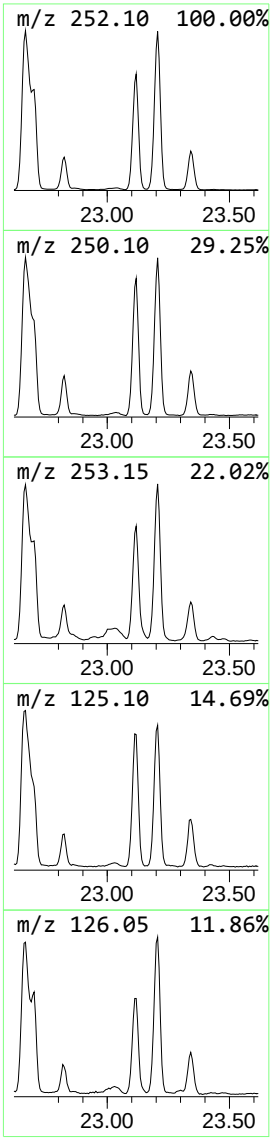
Peak Number 16 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.118	26.79 ng	3850610	Perylene-d12	23.300

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	98
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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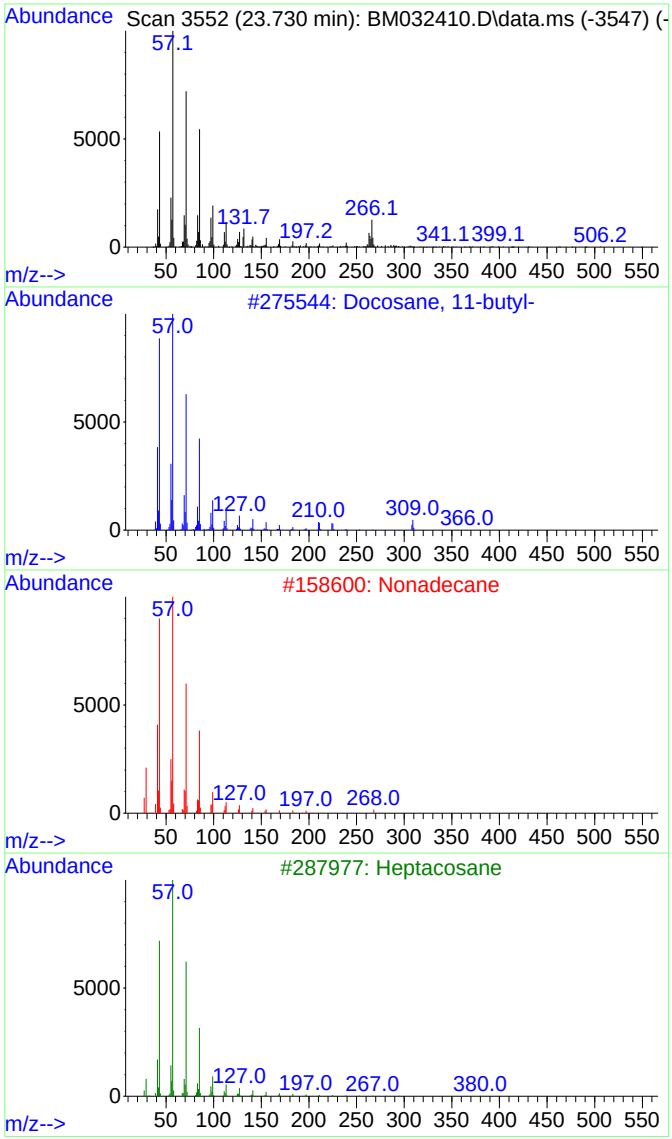
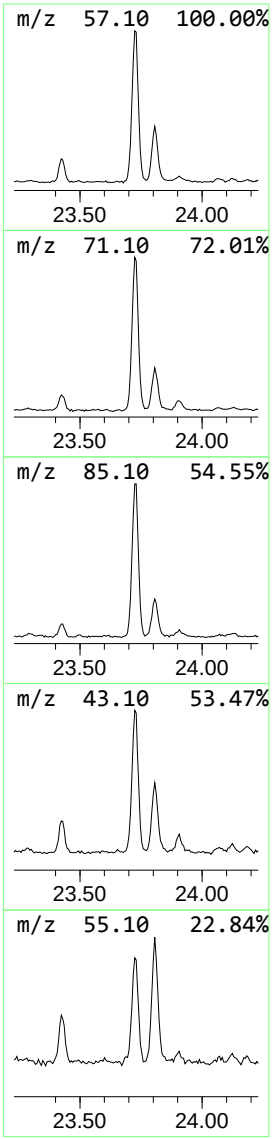
Peak Number 17 Docosane, 11-butyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.730	8.96 ng	1288160	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Docosane, 11-butyl-	366	C26H54	013475-76-8	93
2	Nonadecane	268	C19H40	000629-92-5	92
3	Heptacosane	380	C27H56	000593-49-7	90
4	Hexacosane, 1-iodo-	492	C26H53I	1000406-32-1	87
5	Octacosane	394	C28H58	000630-02-4	87





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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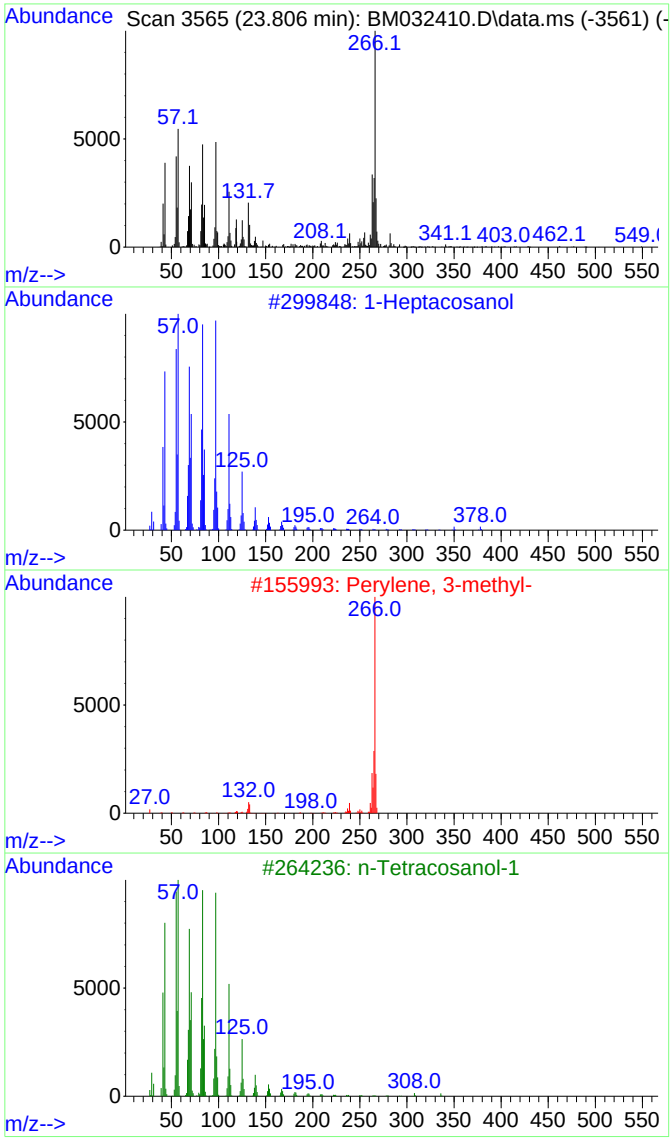
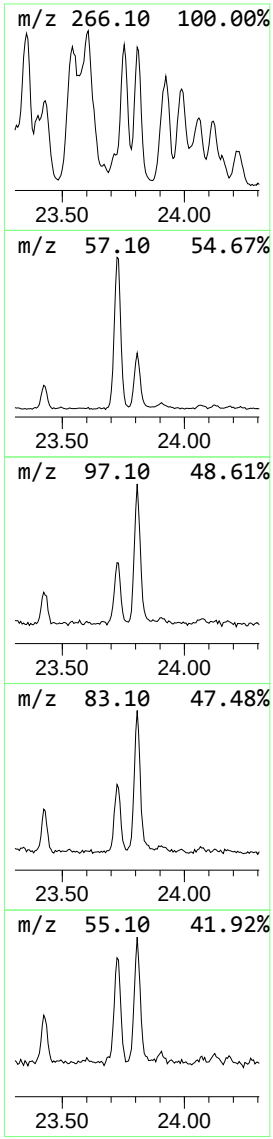
Peak Number 18 1-Heptacosanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.806	8.95 ng	1286420	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	81
2	Perylene, 3-methyl-	266	C21H14	024471-47-4	81
3	n-Tetracosanol-1	354	C24H50O	000506-51-4	81
4	Benz[j]aceanthrylene, 3-methyl-	266	C21H14	003343-10-0	80
5	7-Methylbenzo[pqr]tetraphene	266	C21H14	063041-77-0	80





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Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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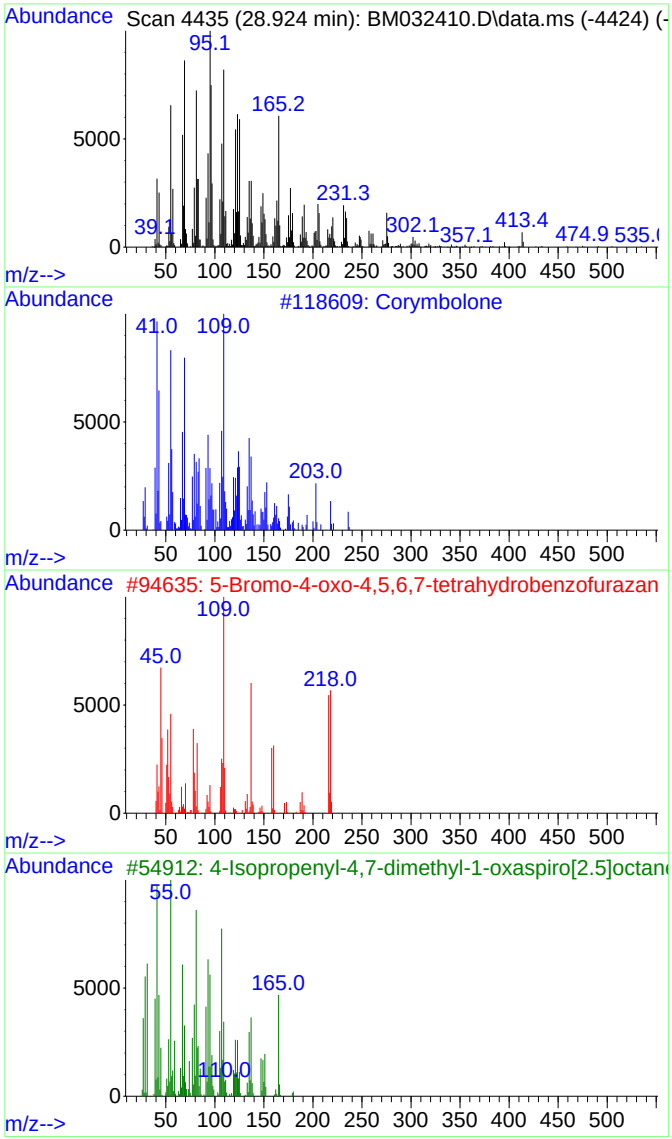
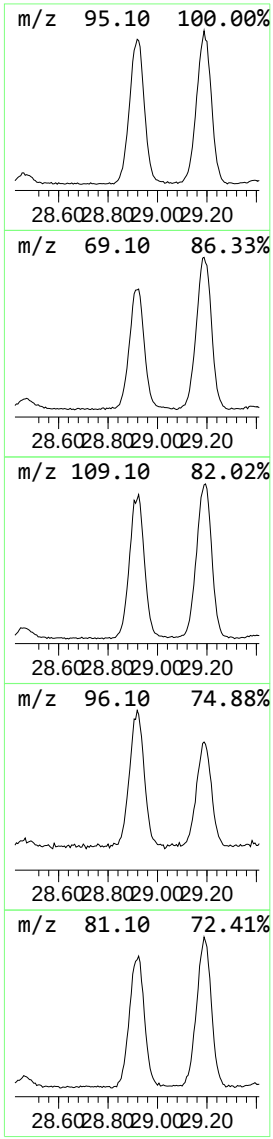
Peak Number 19 Corymbolone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
28.924	40.37 ng	5802240	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Corymbolone	236	C15H24O2	097094-19-4	64
2	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
3	4-Isopropenyl-4,7-dimethyl-1-oxa...	180	C12H20O	1000187-81-7	56
4	Imidazole, 4-methyl-5-[3,3,3-tri...	234	C10H13F3N2O	1000129-15-8	38
5	Bicyclo[2.2.1]heptane-2,5-dione,...	166	C10H14O2	004230-32-4	30





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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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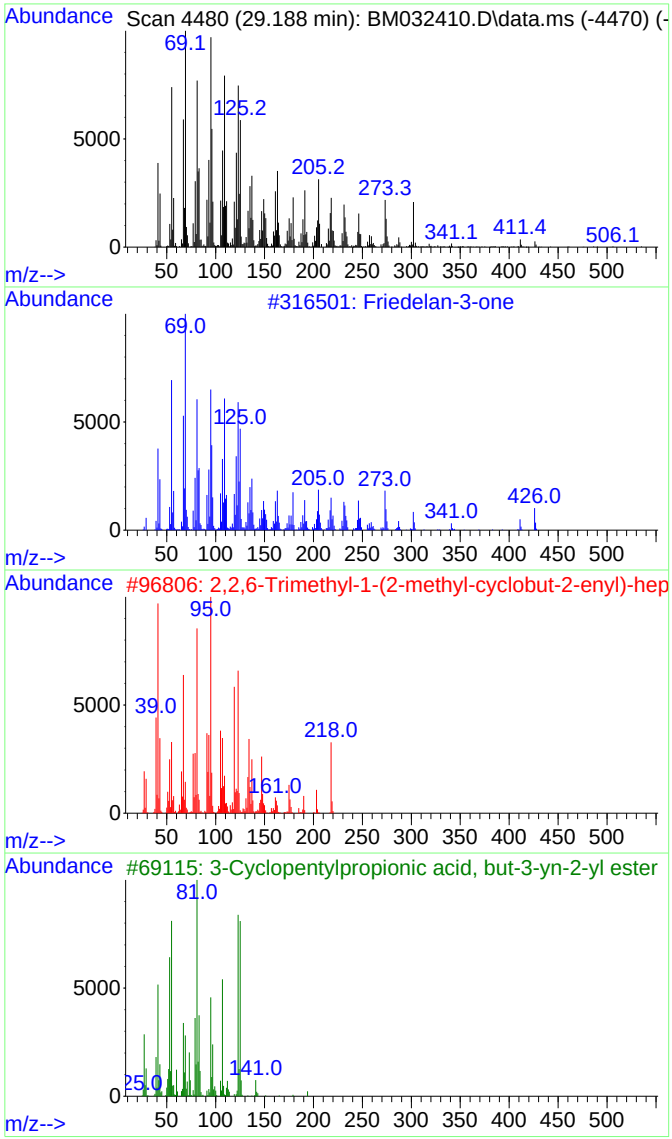
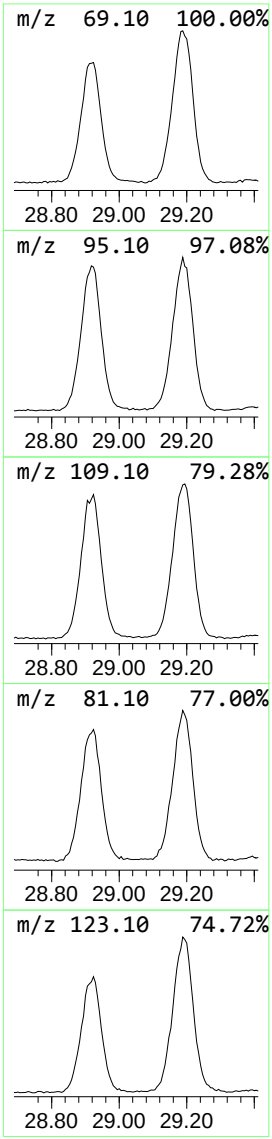
Peak Number 20 Friedelan-3-one Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
29.188	54.78 ng	7872390	Perylene-d12	23.300

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Friedelan-3-one	426	C30H50O	000559-74-0	99
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	64
3	3-Cyclopentylpropionic acid, but...	194	C12H18O2	1000292-46-4	60
4	5-Bromo-4-oxo-4,5,6,7-tetrahydro...	216	C6H5BrN2O2	300574-36-1	59
5	7-Tetradecyne	194	C14H26	035216-11-6	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100921\
Data File : BM032410.D
Acq On : 09 Oct 2021 01:23
Operator : CG/JU
Sample : M4117-10
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-4(0-0.5)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.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
Ethanol, 2-(2-b...	10.178	9.2	ng	1307100	2	10.401	2828330	20.0
1,1-Dichloro-2-...	13.624	11.2	ng	1872070	3	14.260	3353590	20.0
Anthracene, 2-m...	17.854	11.0	ng	1627300	4	16.989	2949340	20.0
n-Hexadecanoic ...	17.883	8.2	ng	1213670	4	16.989	2949340	20.0
Phenanthrene, 2...	17.901	13.4	ng	1971920	4	16.989	2949340	20.0
4H-Cyclopenta[d...	18.048	14.7	ng	2161720	4	16.989	2949340	20.0
Phenanthrene, 1...	18.089	6.8	ng	1008300	4	16.989	2949340	20.0
9,10-Anthracene...	18.389	5.5	ng	816527	4	16.989	2949340	20.0
Phenanthrene, 2...	18.777	11.5	ng	1692500	4	16.989	2949340	20.0
Phenanthrene, 3...	18.830	6.5	ng	954678	4	16.989	2949340	20.0
Cyclopenta(def)...	18.912	7.0	ng	1024920	4	16.989	2949340	20.0
o,p'-DDE	19.518	8.0	ng	3242570	5	21.153	8079690	20.0
Mitotane	20.018	9.6	ng	3868270	5	21.153	8079690	20.0
Hexacosanal	22.353	6.1	ng	879360	6	23.300	2874340	20.0
Benzo[e]pyrene	23.118	26.8	ng	3850610	6	23.300	2874340	20.0
Docosane, 11-bu...	23.730	9.0	ng	1288160	6	23.300	2874340	20.0
1-Heptacosanol	23.806	8.9	ng	1286420	6	23.300	2874340	20.0
Corymbolone	28.924	40.4	ng	5802240	6	23.300	2874340	20.0
Friedelan-3-one	29.188	54.8	ng	7872390	6	23.300	2874340	20.0