LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039424.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.946	293	299	309	rBV	562138	793740	9.39%	0.705%
2	5.434	375	382	402	rBV	2786107	4287559	50.72%	3.809%
3	7.057	651	658	677	rBV	2626904	4416280	52.25%	3.924%
4	7.851	785	793	808	rBV	648059	1095874	12.96%	0.974%
5	8.398	879	886	892	rBV	40253	89378	1.06%	0.079%
6	9.028	985	993	1007	rBV	1558011	2747970	32.51%	2.441%
7	10.663	1259	1271	1278	rBV	859901	1505754	17.81%	1.338%
8	12.551	1587	1592	1602	rVB	48305	95433	1.13%	0.085%
9	13.133	1684	1691	1712	rVB	3995025	6152697	72.79%	5.466%
10	13.833	1803	1810	1815	rBV	86485	156783	1.85%	0.139%
11	13.969	1828	1833	1843	rBV	88404	174300	2.06%	0.155%
12	14.233	1872	1878	1890	rBV	509112	852780	10.09%	0.758%
13	14.510	1916	1925	1932	rBV	1305707	1957545	23.16%	1.739%
14	14.574	1932	1936	1943	rVB	90443	144945	1.71%	0.129%
15	14.910	1988	1993	2001	rVV	101082	165392	1.96%	0.147%
16	14.980	2001	2005	2010	rVB	61166	89794	1.06%	0.080%
17	15.121	2022	2029	2035	rBV3	89614	207914	2.46%	0.185%
18	15.298	2052	2059	2062	rBV3	52134	121634	1.44%	0.108%
19	15.386	2070	2074	2080	rVB	80312	120634	1.43%	0.107%
20	15.557	2098	2103	2115	rVB	225381	473357	5.60%	0.421%
21	15.768	2134	2139	2148	rBV7	52849	118294	1.40%	0.105%
22	15.874	2149	2157	2169	rVB3	197589	463250	5.48%	0.412%
23	16.010	2170	2180	2192	rBV	3154216	4974610	58.85%	4.420%
24	16.239	2211	2219	2231	rVB5	126773	277204	3.28%	0.246%
25	16.562	2267	2274	2279	rBV5	98983	232389	2.75%	0.206%
26	16.615	2279	2283	2288	rVV2	79587	123080	1.46%	0.109%
27	16.839	2317	2321	2330	rVB	73233	113296	1.34%	0.101%
28	16.921	2330	2335	2343	rVV2	400547	636631	7.53%	0.566%
29	17.009	2344	2350	2354	rVV3	66373	154065	1.82%	0.137%
30	17.080	2358	2362	2370	rVB	166492	279464	3.31%	0.248%
31	17.262	2387	2393	2396	rBV	1553686	2203324	26.07%	1.958%
32	17.304	2396	2400	2410	rVV	2593336	3707957	43.87%	3.294%
33	17.398	2410	2416	2421	rVV	1261972	1839989	21.77%	1.635%
34	17.457	2421	2426	2431	rVB3	87923	198176	2.34%	0.176%
35	17.645	2454	2458	2460	rBV3	119050	168640	2.00%	0.150%
36	17.674	2460	2463	2471	rVB	227238	369684	4.37%	0.328%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
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Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	17.780	2478	2481	2488	rVV	90271	118385	1.40%	0.105%
38	17.845	2488	2492	2499	rVB2	199114	307833	3.64%	0.273%
39	17.992	2512	2517	2522	rVB	94214	173666	2.05%	0.154%
40	18.139	2537	2542	2544	rBV2	797982	1118419	13.23%	0.994%
41	18.162	2544	2546	2548	rVV	1103383	1336412	15.81%	1.187%
42	18.186	2548	2550	2558	rVV	1064640	1518123	17.96%	1.349%
43	18.268	2560	2564	2569	rVV	318946	444081	5.25%	0.395%
44	18.333	2569	2575	2579	rVV2	898396	1714783	20.29%	1.524%
45	18.374	2579	2582	2590	rVB	609022	849246	10.05%	0.755%
46	18.451	2591	2595	2599	rBV3	124222	194643	2.30%	0.173%
47	18.539	2606	2610	2613	rBV	114594	149774	1.77%	0.133%
48	18.580	2613	2617	2622	rVV	1151566	1403441	16.60%	1.247%
49	18.639	2623	2627	2631	rVV2	386554	599065	7.09%	0.532%
50	18.692	2631	2636	2645	rVB2	367422	612163	7.24%	0.544%
51	18.856	2661	2664	2666	rBV	93522	121156	1.43%	0.108%
52	18.886	2666	2669	2674	rVV	230569	336772	3.98%	0.299%
53	18.939	2674	2678	2681	rVV	353586	428490	5.07%	0.381%
54	18.980	2681	2685	2688	rVB	233179	307725	3.64%	0.273%
55	19.015	2688	2691	2694	rBV3	121863	167363	1.98%	0.149%
56	19.056	2694	2698	2704	rVV	732780	1277951	15.12%	1.135%
57	19.115	2704	2708	2712	rVV2	320935	660372	7.81%	0.587%
58	19.151	2712	2714	2718	rVB	285907	313841	3.71%	0.279%
59	19.203	2718	2723	2729	rBV3	462850	900505	10.65%	0.800%
60	19.327	2738	2744	2750	rBV	4267098	5890654	69.69%	5.234%
61	19.386	2751	2754	2757	rVB2	133719	168316	1.99%	0.150%
62	19.439	2757	2763	2766	rBV2	546561	881203	10.43%	0.783%
63	19.474	2767	2769	2773	rVB	333808	378274	4.48%	0.336%
64	19.568	2782	2785	2787	rBV2	144559	151741	1.80%	0.135%
65	19.656	2796	2800	2801	rBV	593862	675484	7.99%	0.600%
66	19.686	2801	2805	2813	rVV	4544121	6640039	78.56%	5.899%
67	19.762	2814	2818	2824	rVB2	451345	669685	7.92%	0.595%
68	19.892	2834	2840	2845	rBV	6608633	8452557	100.00%	7.510%
69	20.009	2855	2860	2861	rBV3	473220	632306	7.48%	0.562%
70	20.180	2879	2889	2895	rBV2	756366	2028903	24.00%	1.803%
71	20.280	2903	2906	2910	rBV	411737	536311	6.34%	0.476%
72	20.339	2912	2916	2920	rVB2	750080	1035384	12.25%	0.920%
73	20.480	2936	2940	2944	rBV	714661	916618	10.84%	0.814%
74	20.527	2944	2948	2952	rVV	590216	765012	9.05%	0.680%
75	20.933	3013	3017	3023	rVB	594376	848119	10.03%	0.754%
76	21.021	3029	3032	3036	rVB	220042	271355	3.21%	0.241%

LSC Area Percent Report

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Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.150	3049	3054	3063	rVV4	716168	1649675	19.52%	1.466%
78	21.233	3065	3068	3073	rVB	446163	605257	7.16%	0.538%
79	21.445	3098	3104	3109	rBV2	2812171	6376915	75.44%	5.666%
80	21.486	3109	3111	3121	rVB	2139984	2862386	33.86%	2.543%
81	22.027	3200	3203	3206	rVB	515760	606117	7.17%	0.539%
82	22.080	3209	3212	3217	rVB	555930	799182	9.45%	0.710%
83	23.115	3382	3388	3401	rVB	1634267	5709443	67.55%	5.073%
84	23.627	3470	3475	3485	rVB	1097637	2107427	24.93%	1.872%
85	23.733	3487	3493	3500	rVB	1287926	2575245	30.47%	2.288%
86	23.838	3506	3511	3516	rVB2	1010861	1757768	20.80%	1.562%

Sum of corrected areas: 112555401

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Instrument :
BNA_M
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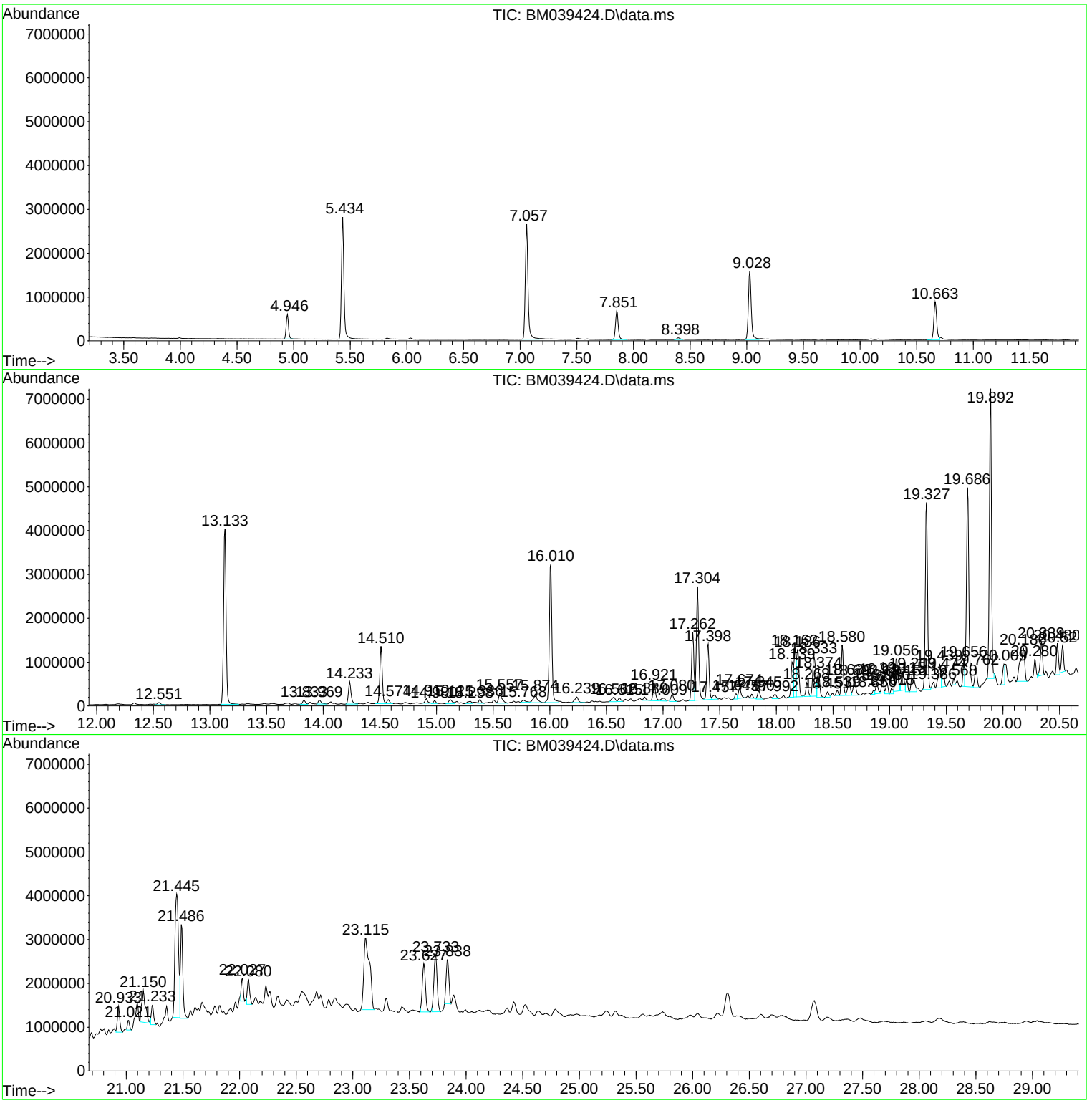
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
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Instrument :
BNA_M
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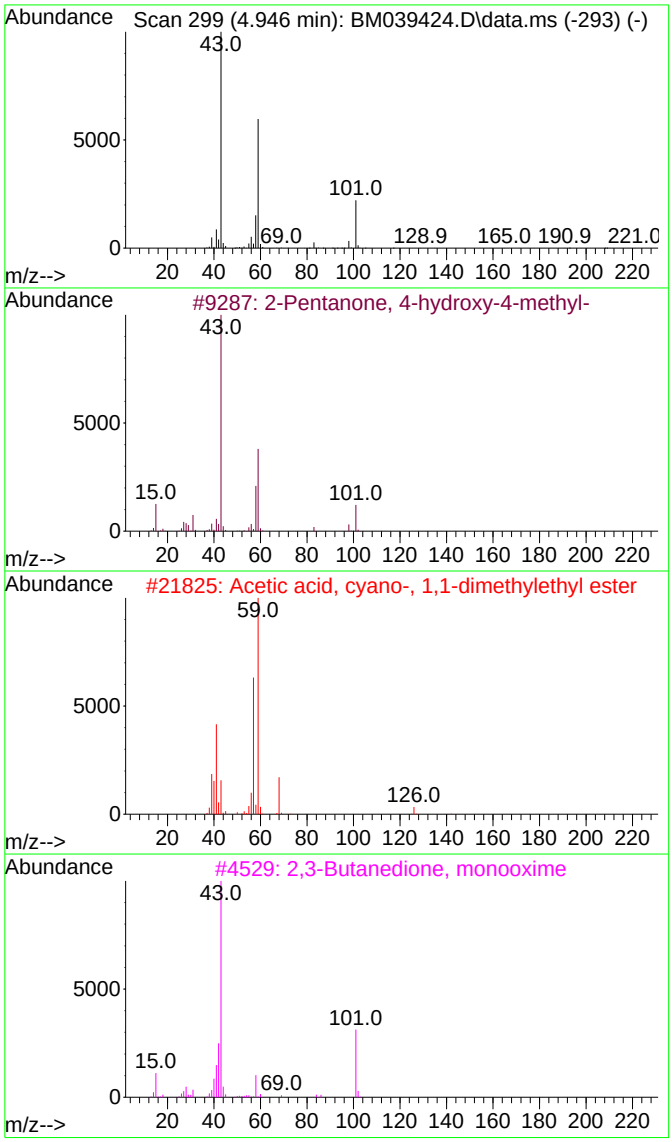
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

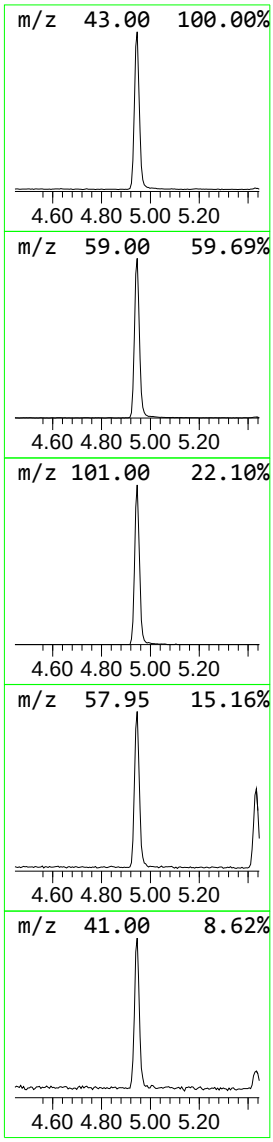
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	14.49 ng	793740	1,4-Dichlorobenzene-d4	7.851

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Data File : BM039424.D
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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

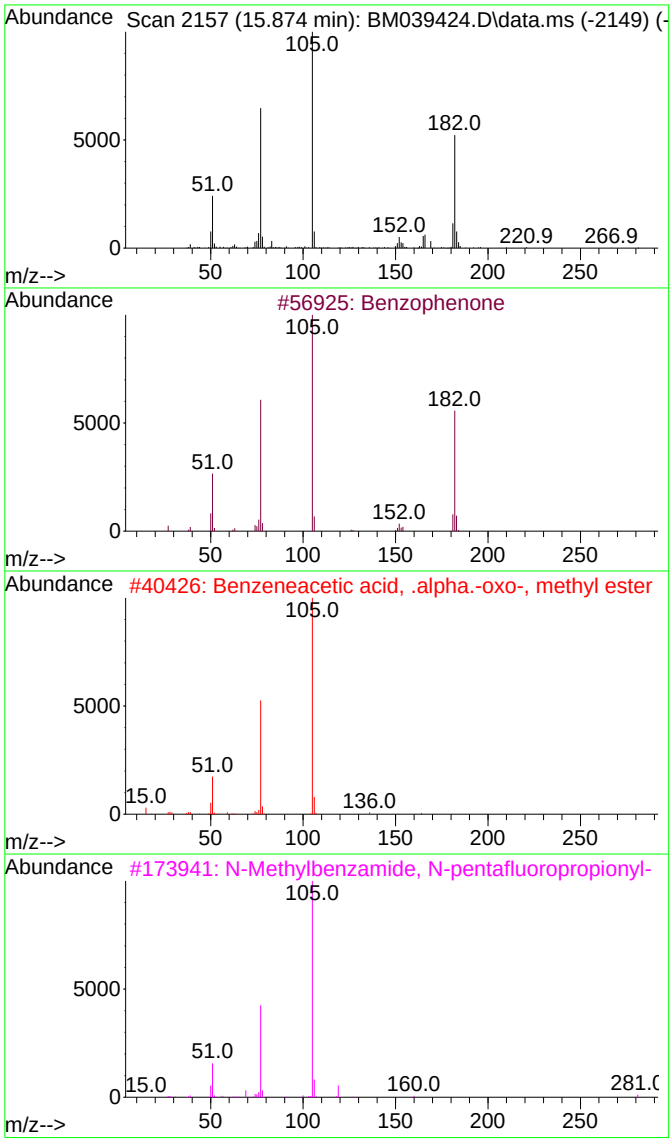
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

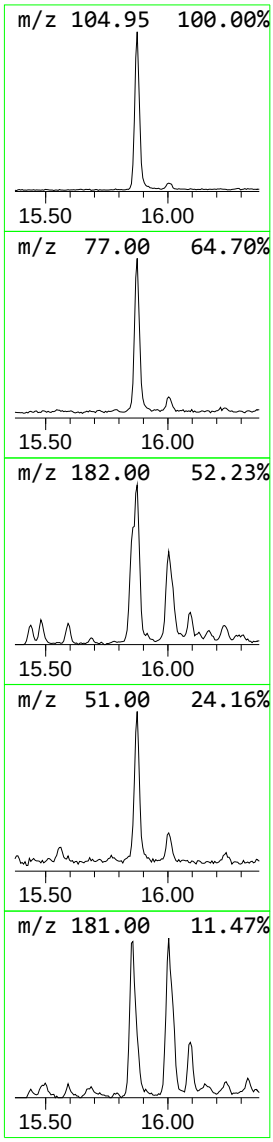
****

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.874	4.73 ng	463250	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	43
3	N-Methylbenzamide, N-pentafluoro...	281	C11H8F5NO2	1000446-98-1	38
4	Benzoic acid, 2-(benzoylthio)thi...	341	C17H11NO3S2	1000258-72-7	38
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	38





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Instrument :
BNA_M
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

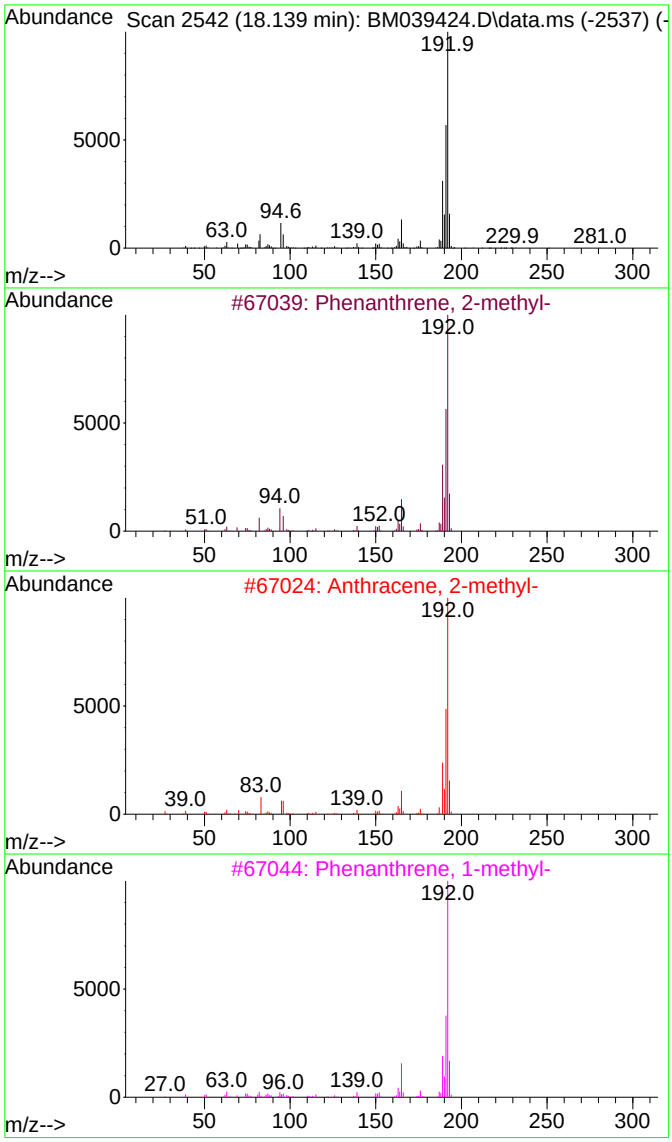
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

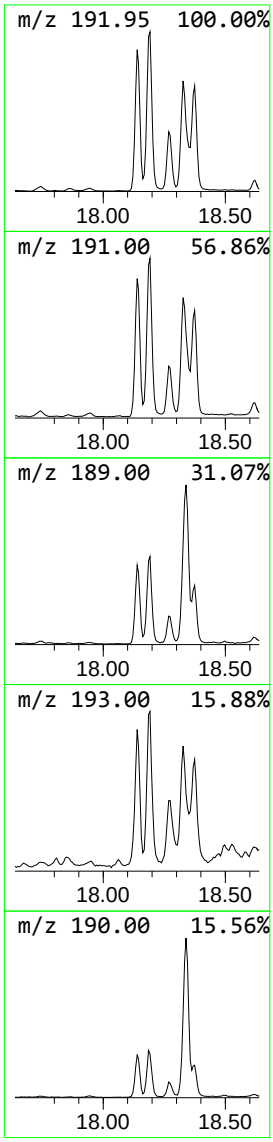
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	10.15 ng	1118420	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





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Sample : 02324-01
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ALS Vial : 15 Sample Multiplier: 1

Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

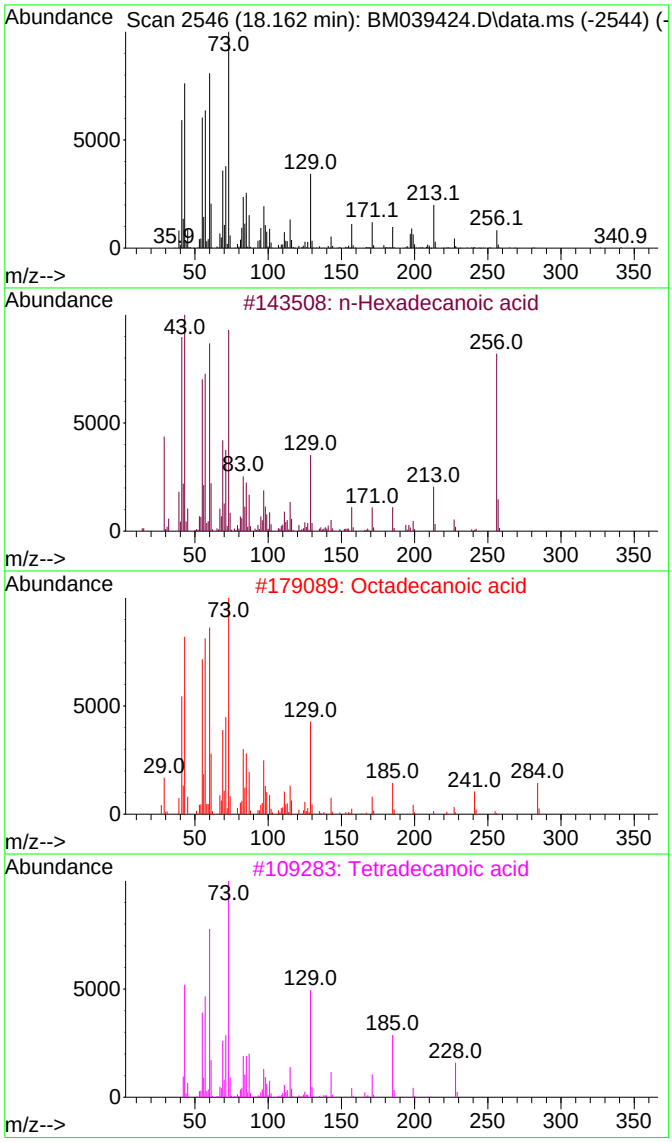
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

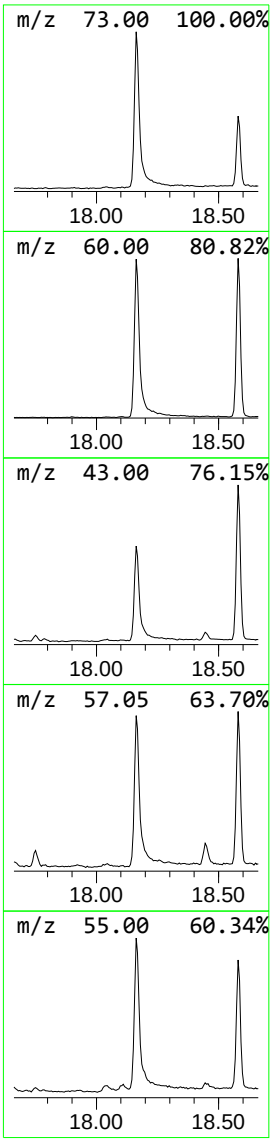
****

Peak Number 4 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	12.13 ng	1336410	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Octadecanoic acid	284	C18H36O2	000057-11-4	81
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	64





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Data File : BM039424.D
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Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

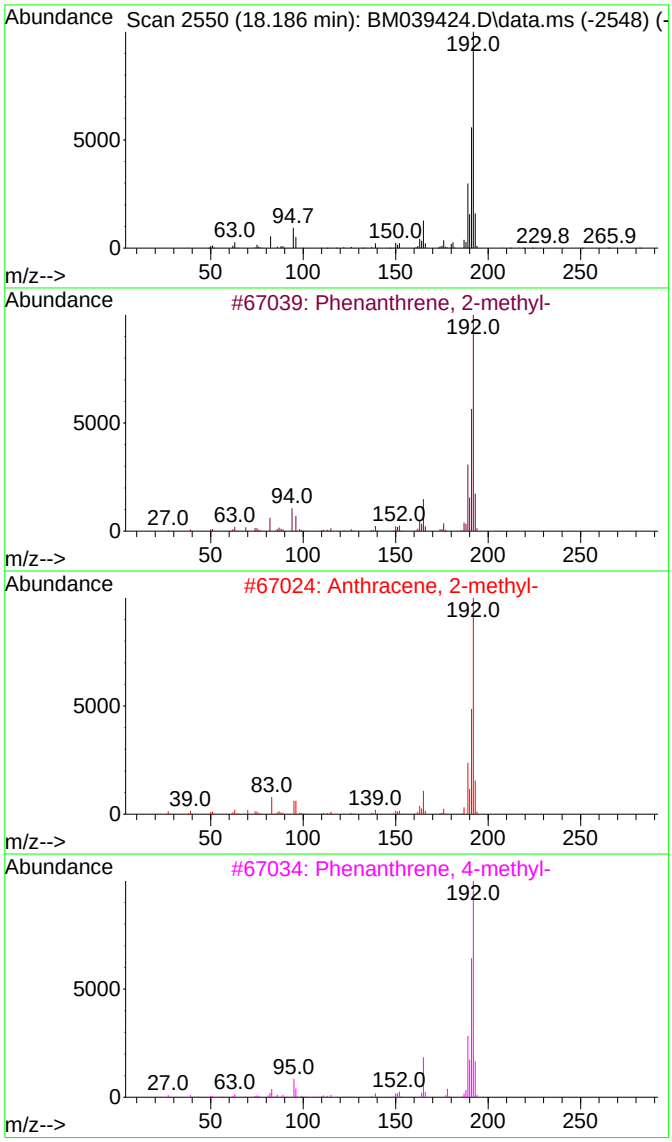
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

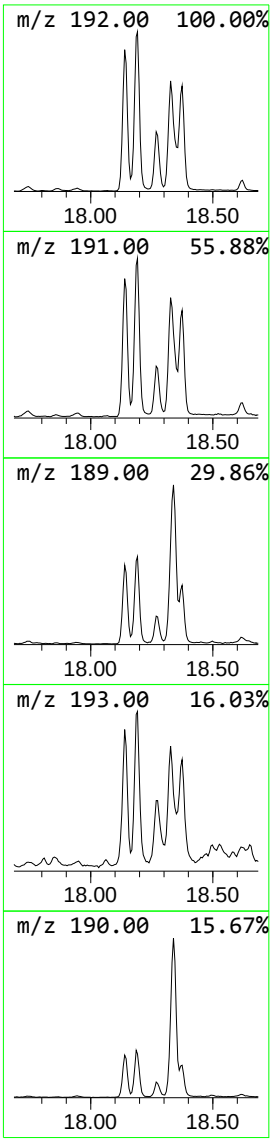
****

Peak Number 5 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.186	13.78 ng	1518120	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

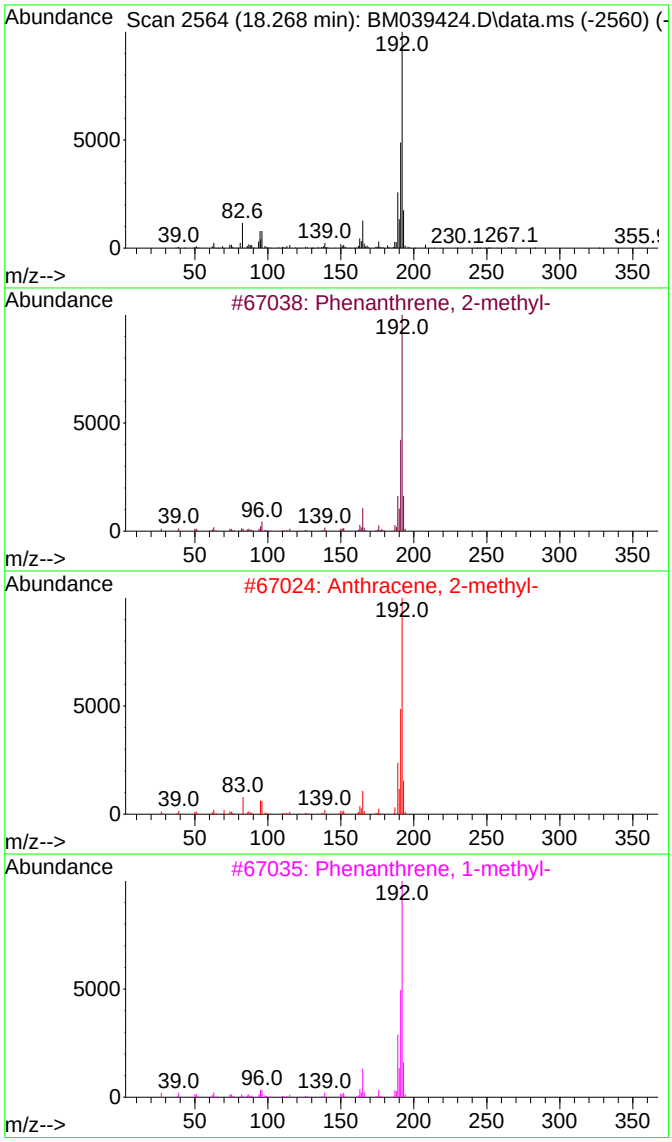
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

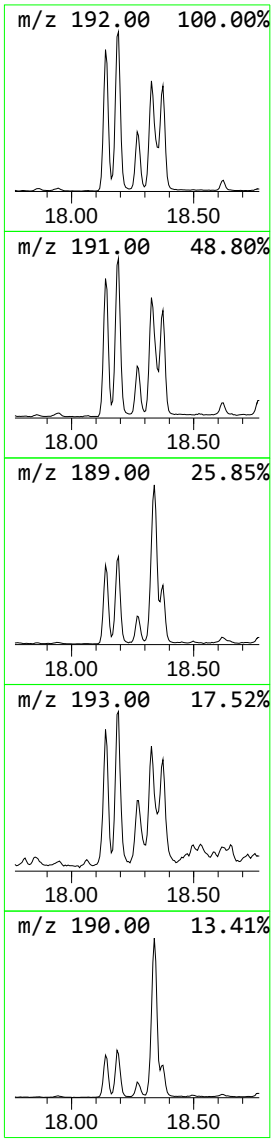
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	4.03 ng	444081	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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Operator : CG/JU
Sample : 02324-01
Misc :
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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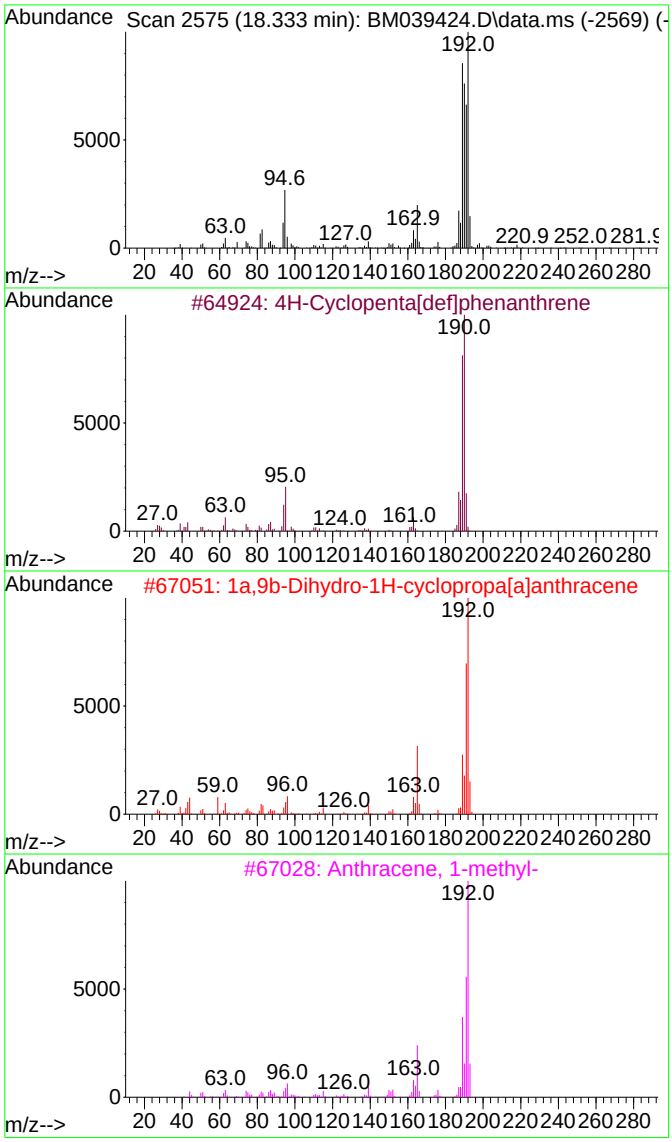
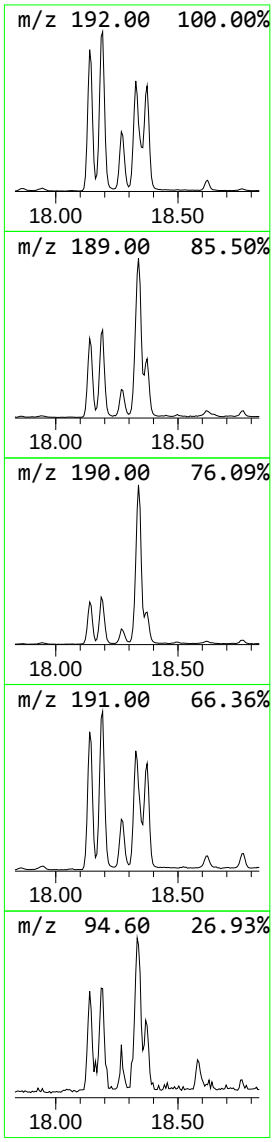
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.333	15.57 ng	1714780	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	50
2	1a,9b-Dihydro-1H-cyclopropa[a]an...	192	C15H12	006109-24-6	42
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	42
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	42
5	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	38





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Sample : 02324-01
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Instrument :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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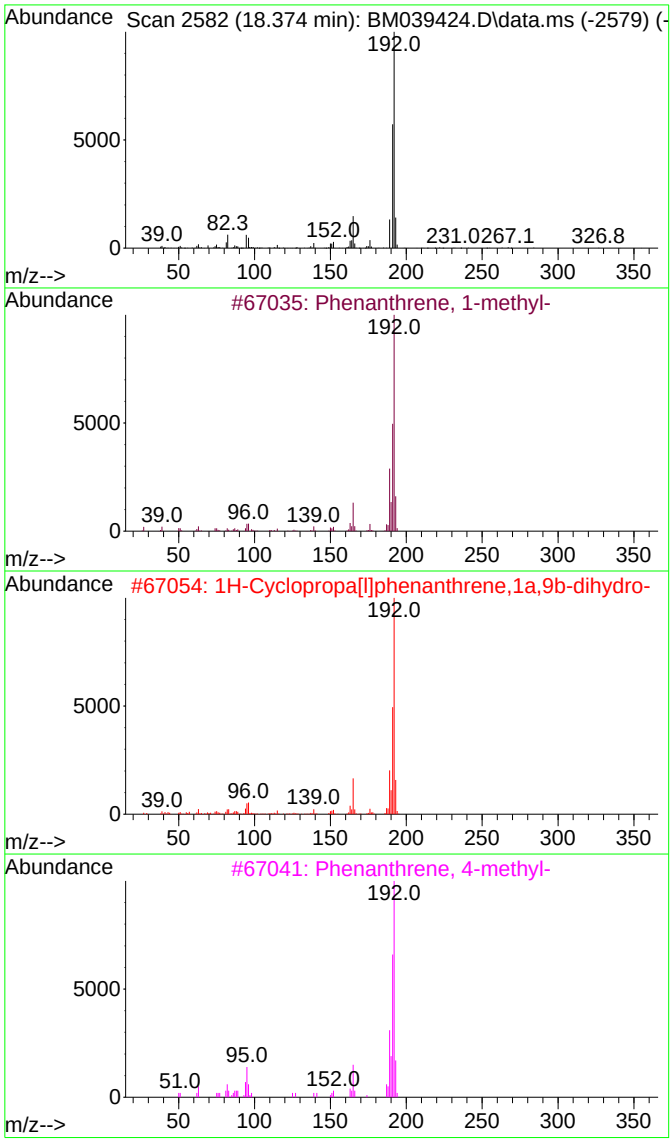
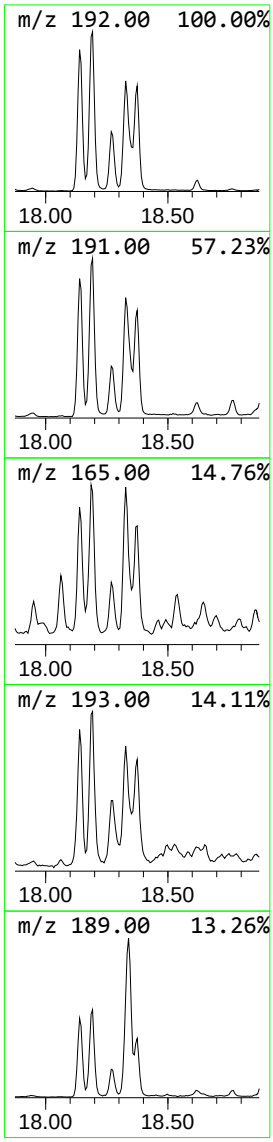
Peak Number 8 1H-Cyclopropa[l]phenanthren... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	7.71 ng	849246	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	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

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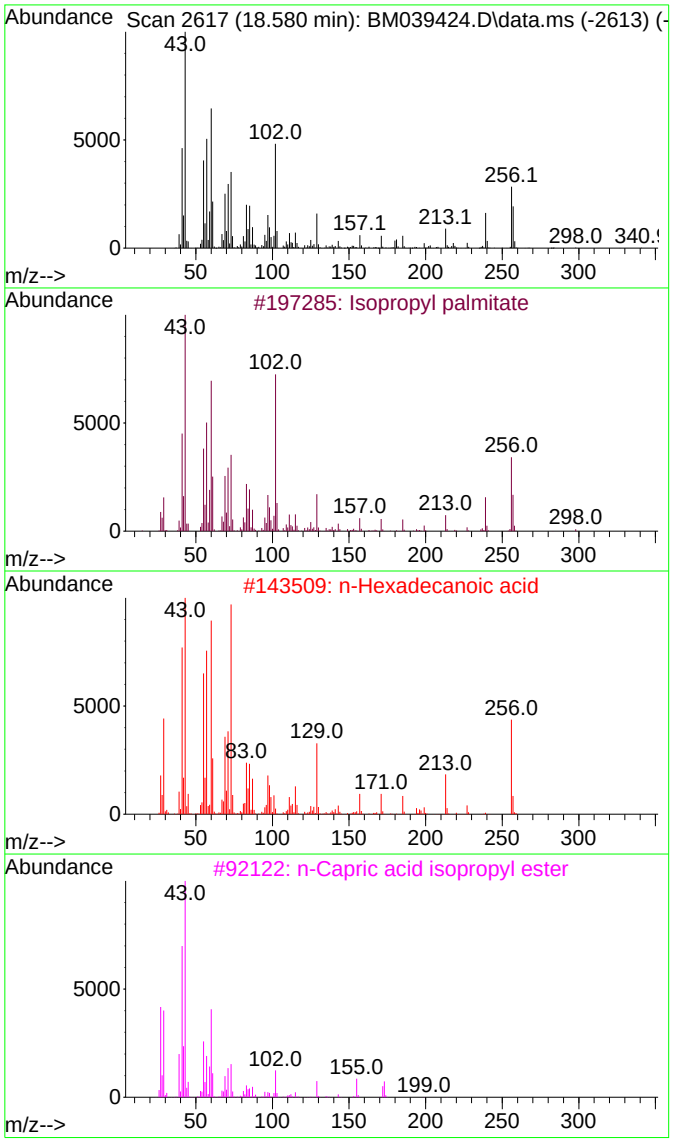
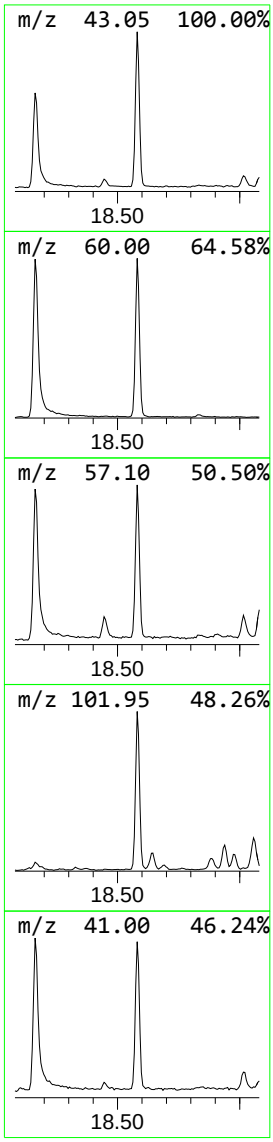
Peak Number 9 Isopropyl palmitate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	12.74 ng	1403440	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Isopropyl palmitate	298	C19H38O2	000142-91-6	80
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	50
3	n-Capric acid isopropyl ester	214	C13H26O2	002311-59-3	38
4	Undecanoic acid	186	C11H22O2	000112-37-8	22
5	Estra-1,3,5(10)-trien-17.beta.-ol	256	C18H24O	002529-64-8	20





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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

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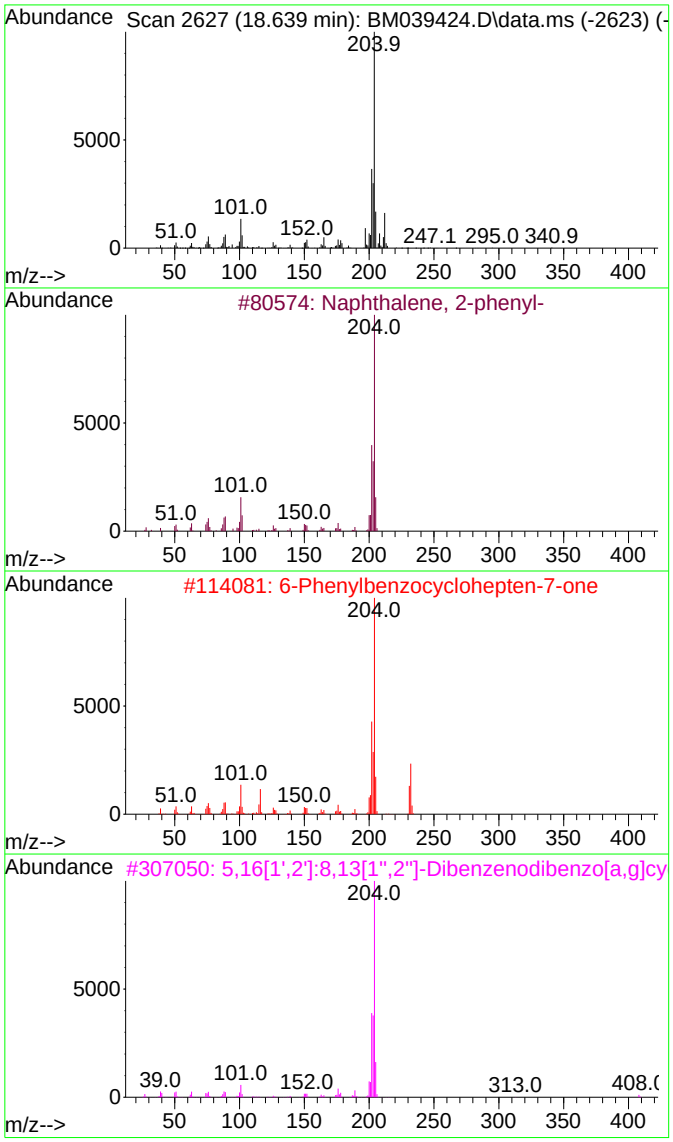
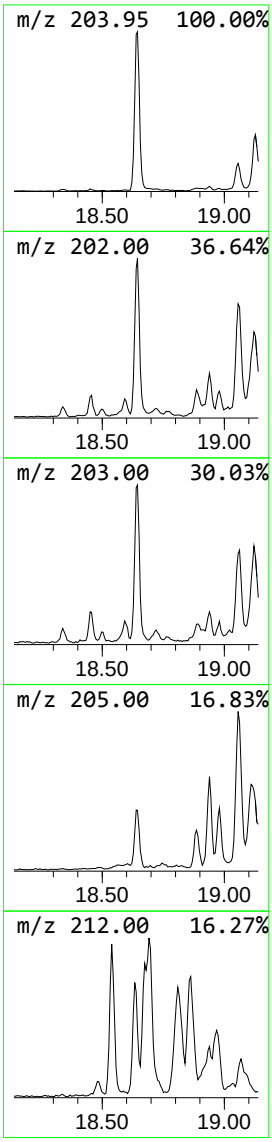
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.639	5.44 ng	599065	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	86
2	6-Phenylbenzocyclohepten-7-one	232	C17H12O	093327-56-1	72
3	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	64
4	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	62
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55





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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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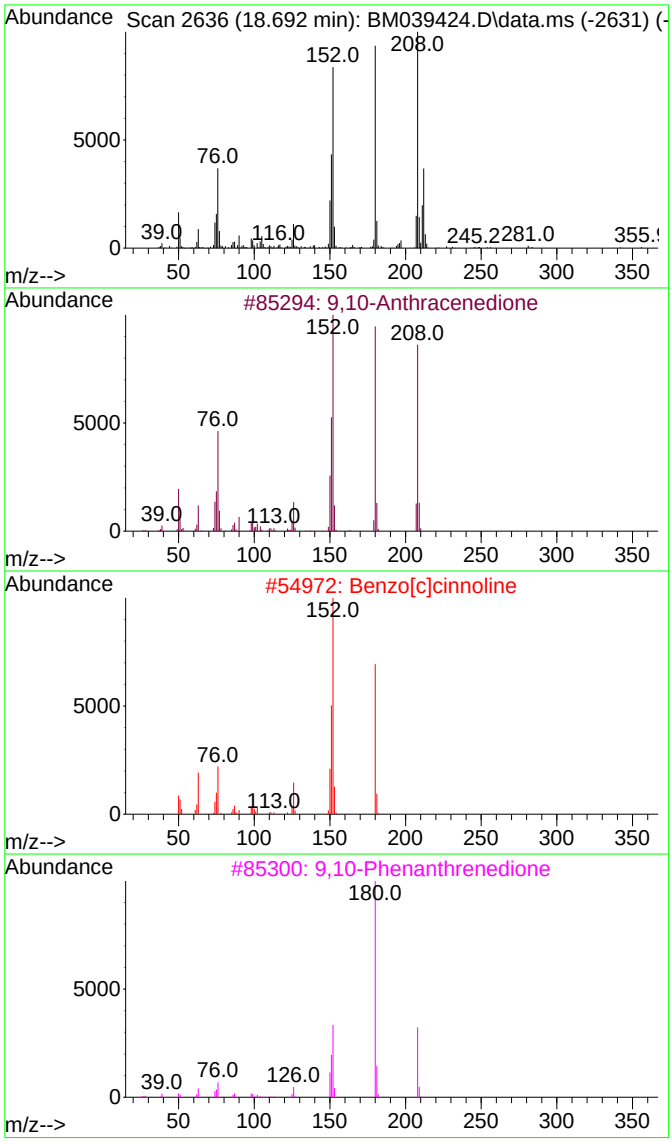
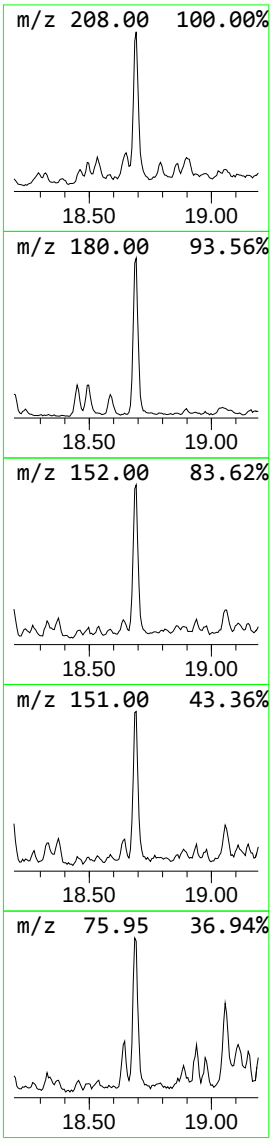
Peak Number 11 9,10-Anthracenedione Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	5.56 ng	612163	Phenanthrene-d10	17.262

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	55
4	1,4-Anthracenedione	208	C14H8O2	000635-12-1	55
5	9H-Fluoren-9-one	180	C13H8O	000486-25-9	53





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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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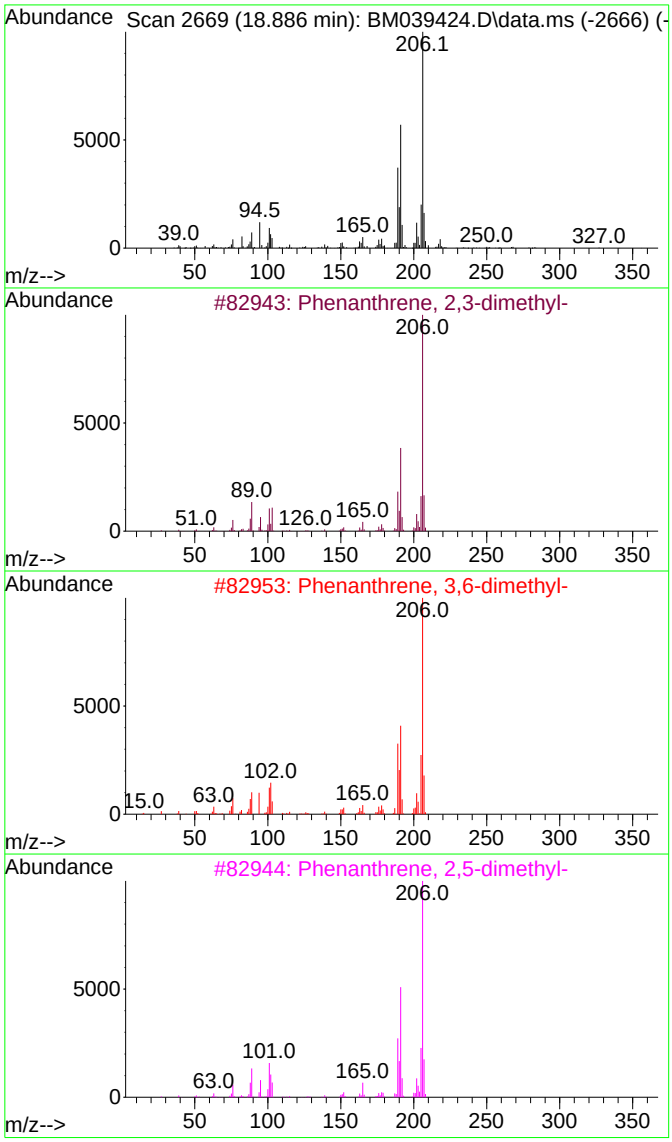
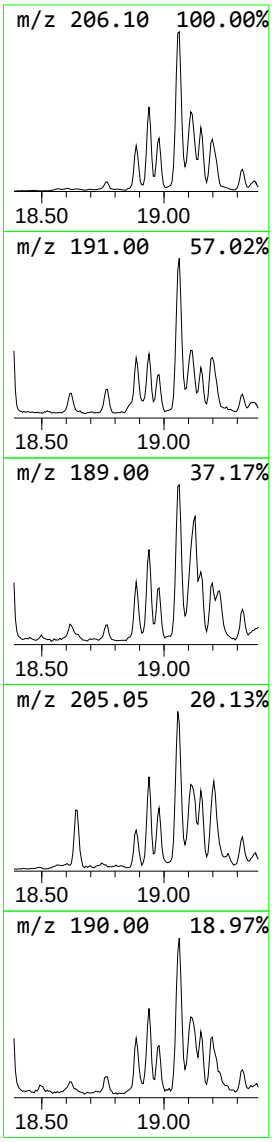
Peak Number 12 Phenanthrene, 2,3-dimethyl- Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.886	3.06 ng	336772	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	91
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	87





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

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

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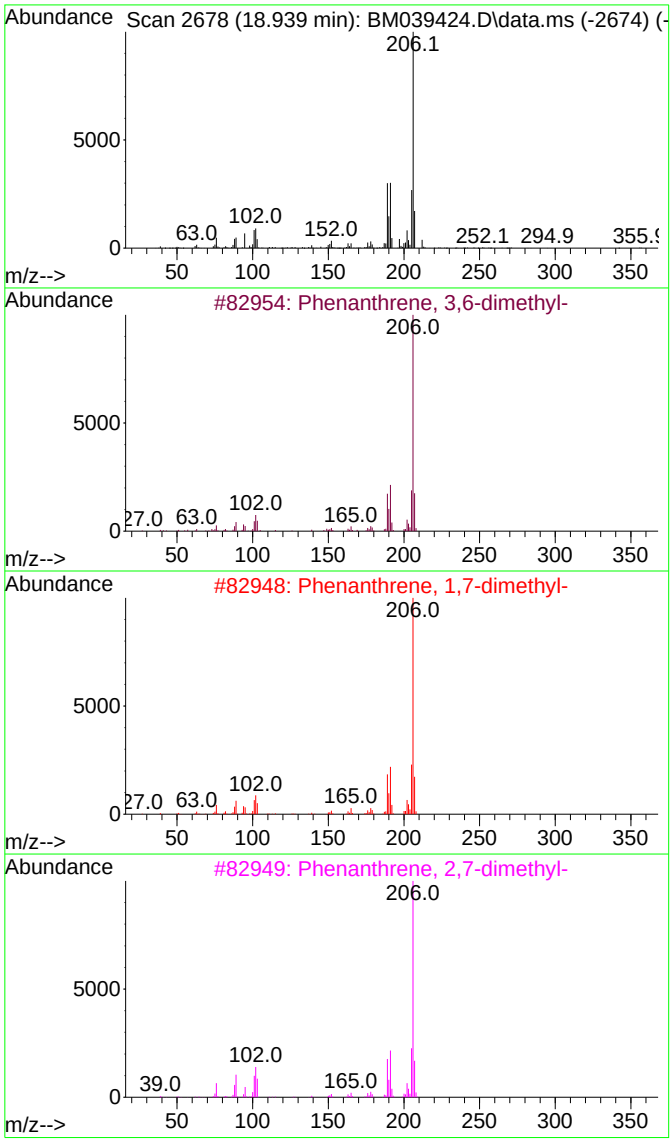
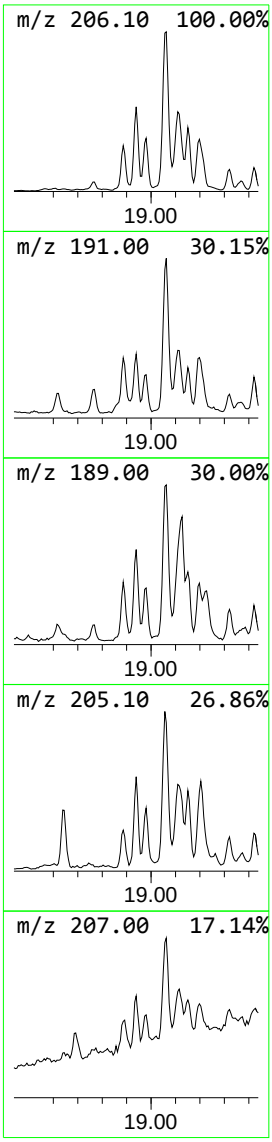
Peak Number 13 Phenanthrene, 3,6-dimethyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	3.89 ng	428490	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
2	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	93
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	74





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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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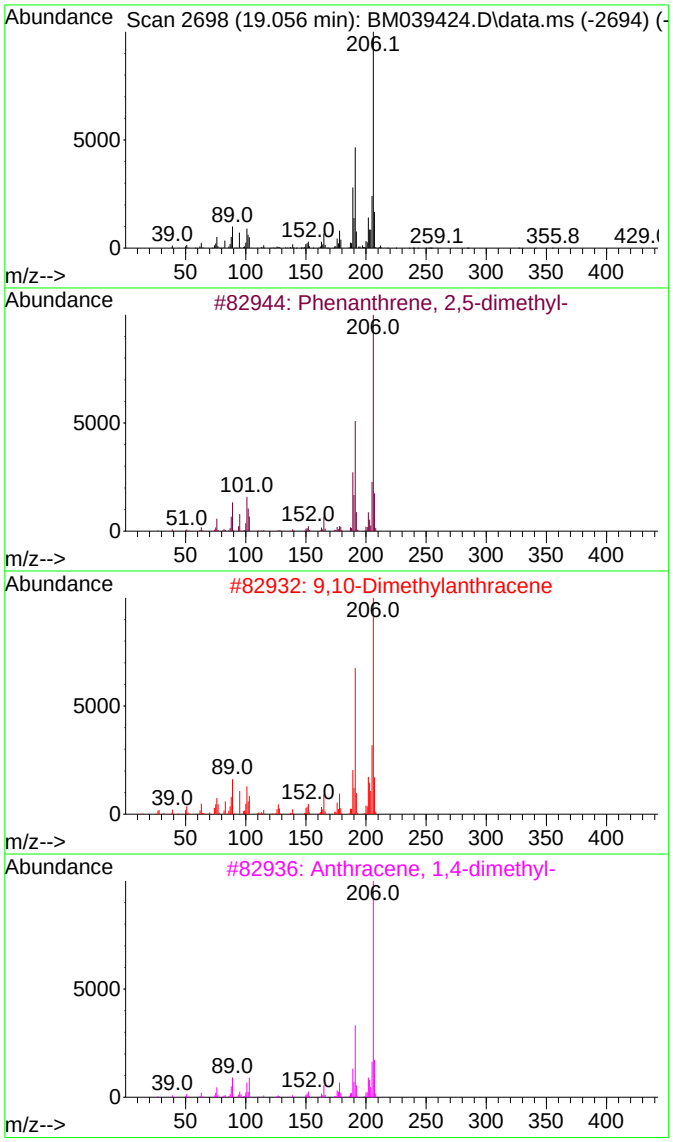
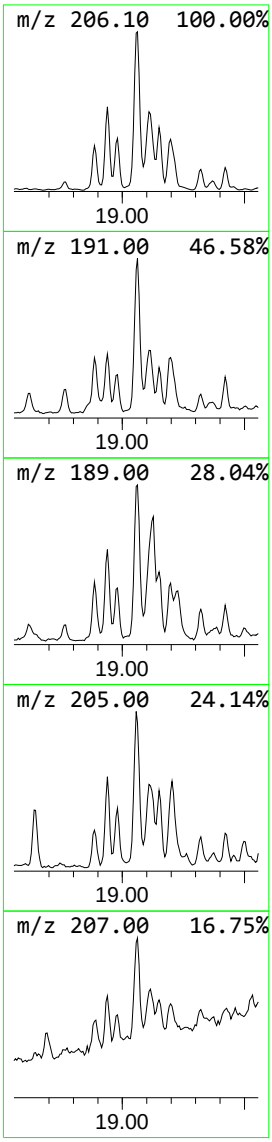
Peak Number 14 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.056	11.60 ng	1277950	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	95
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	93
4	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	93





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TIC Library : C:\Database\NIST20.L
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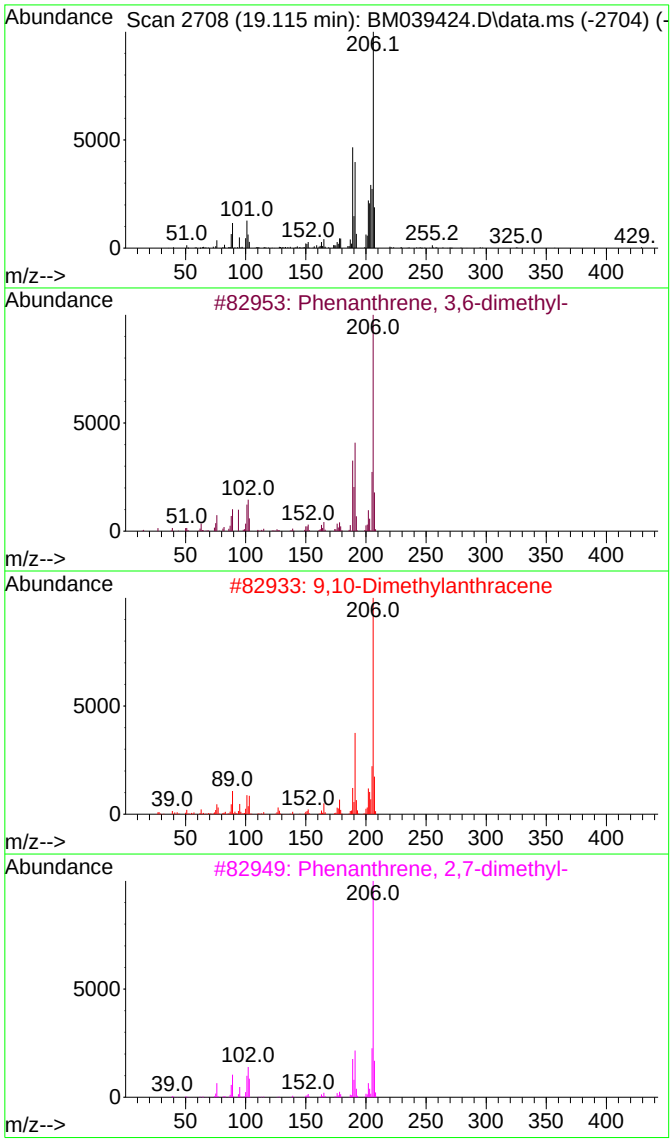
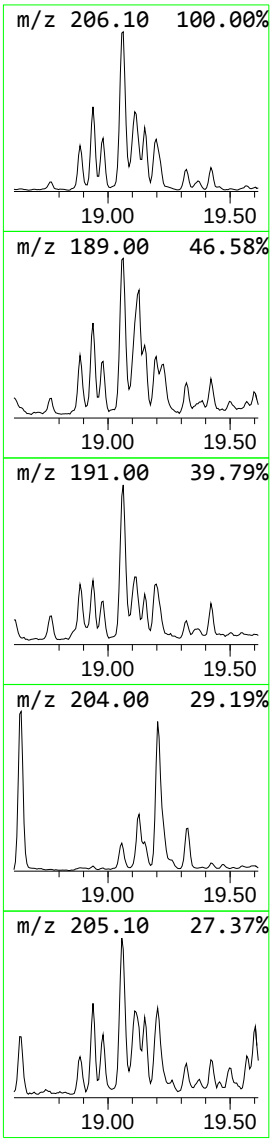
Peak Number 15 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.115	5.99 ng	660372	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	92
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	83
3	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	81
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	70
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	64





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TIC Library : C:\Database\NIST20.L
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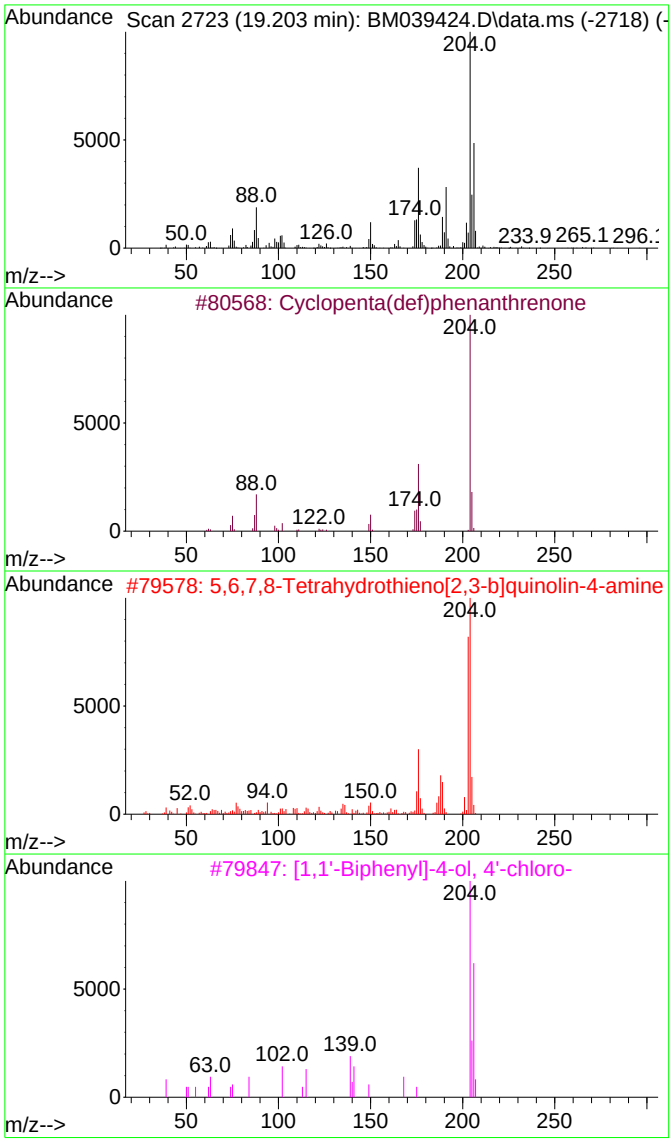
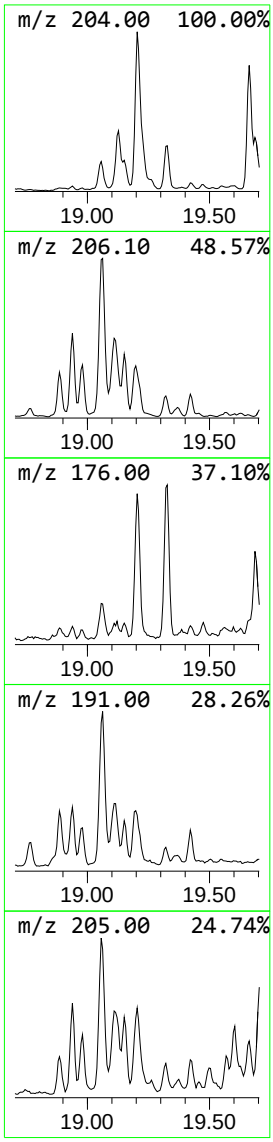
Peak Number 16 Cyclopenta(def)phenanthrenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.203	8.17 ng	900505	Phenanthrene-d10	17.262

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	95
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	47
3	[1,1'-Biphenyl]-4-ol, 4'-chloro-	204	C12H9ClO	028034-99-3	47
4	L-Rhamnose, (R,R,S,S)-, 4TMS der...	452	C18H44O5Si4	108392-01-4	47
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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TIC Library : C:\Database\NIST20.L
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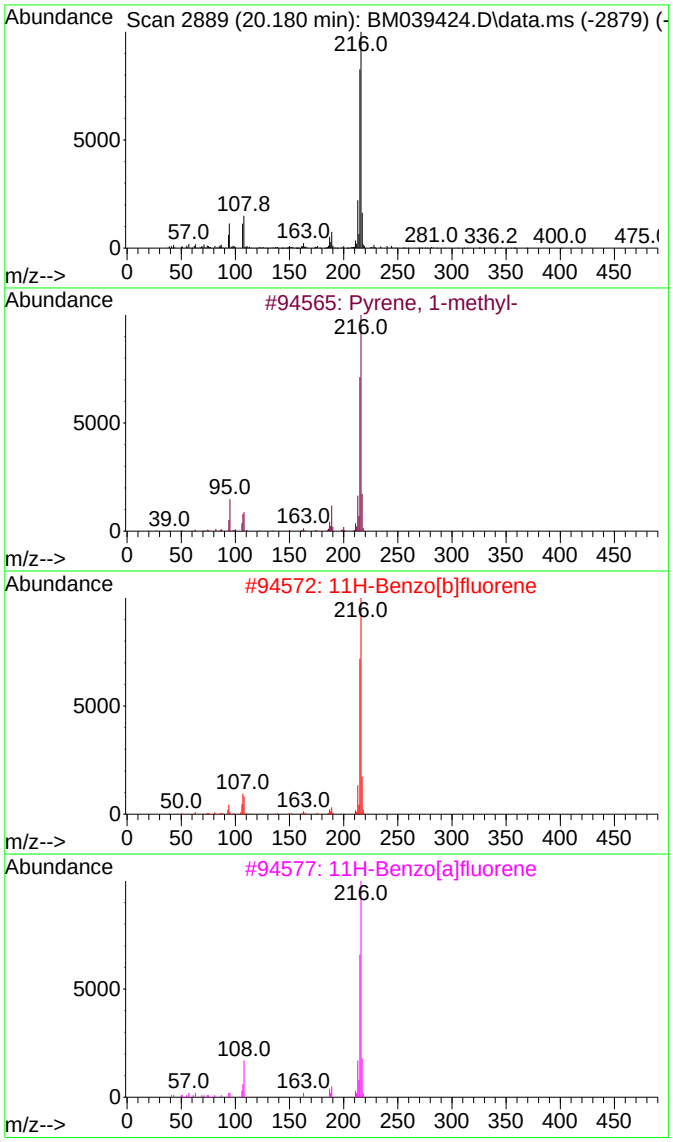
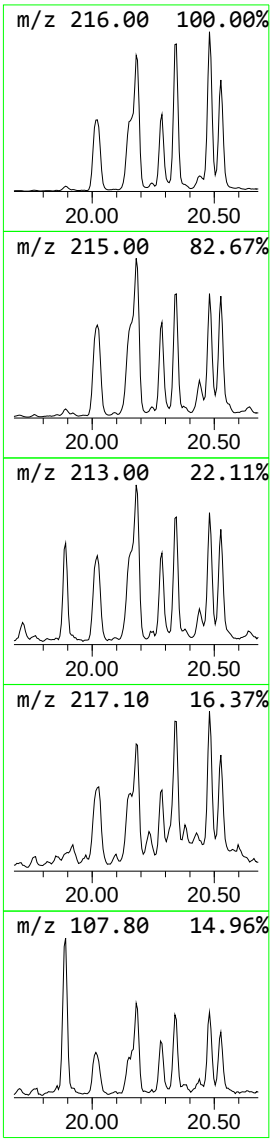
Peak Number 17 Pyrene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	6.36 ng	2028900	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	92
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
5	Pyrene, 4-methyl-	216	C17H12	003353-12-6	60





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RT-3419

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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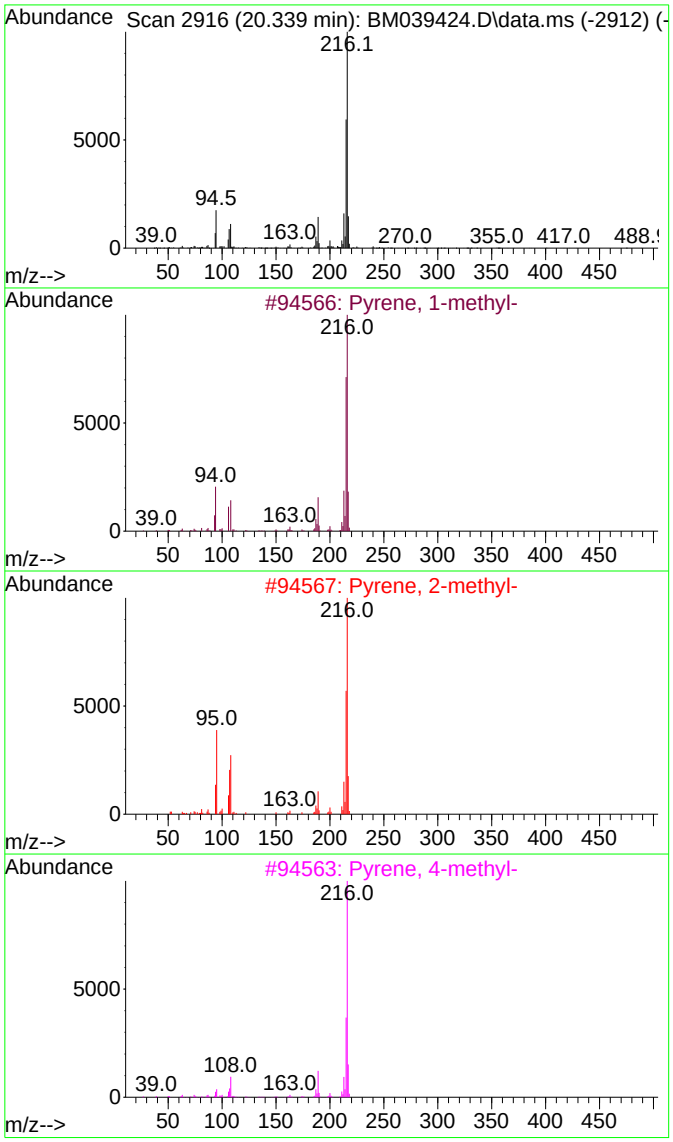
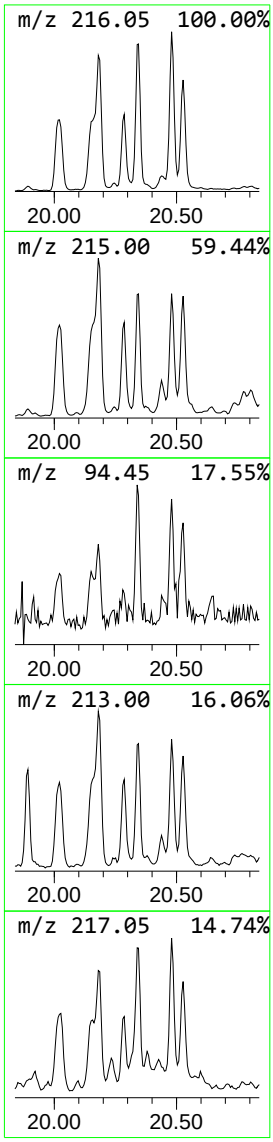
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.339	3.25 ng	1035380	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	98
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	95
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	94
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	93
5	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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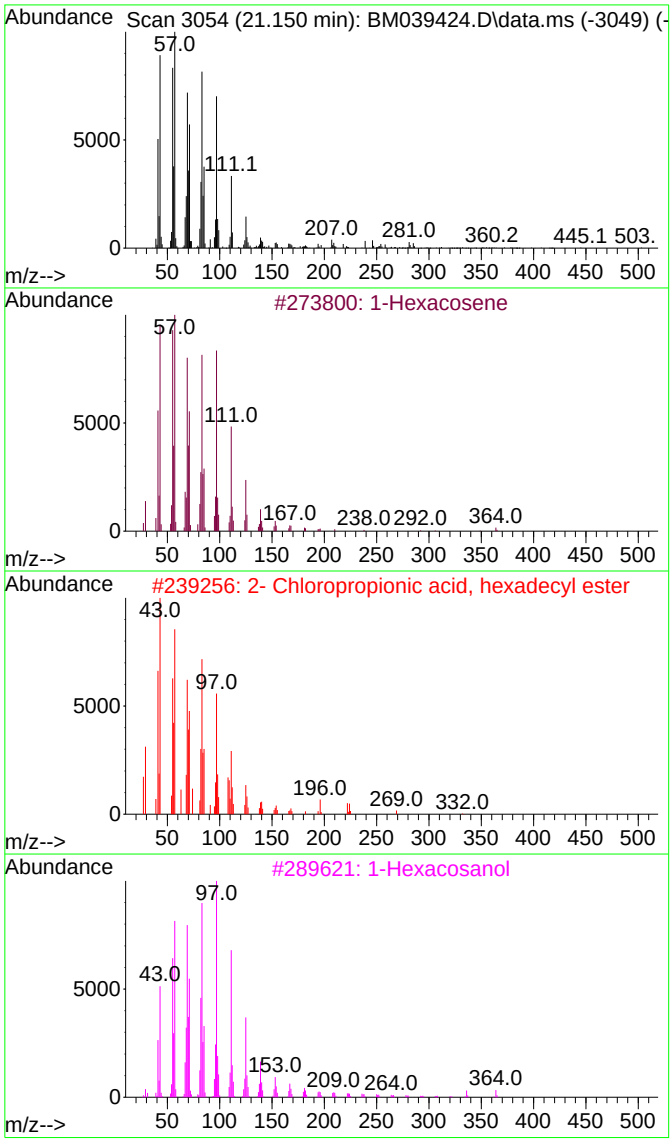
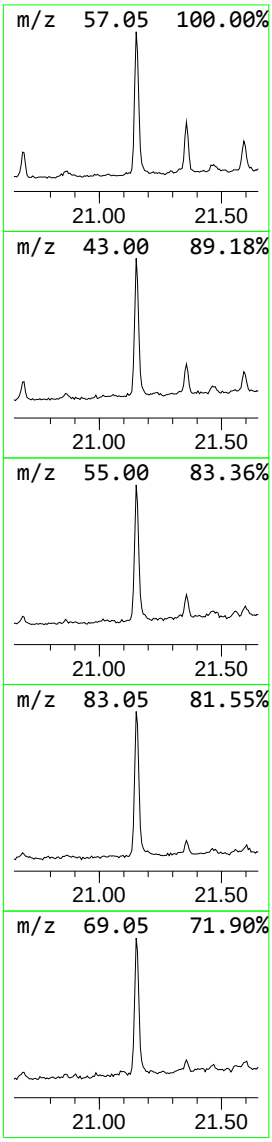
Peak Number 19 1-Hexacosene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.150	5.17 ng	1649680	Chrysene-d12	21.450

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexacosene	364	C26H52	018835-33-1	94
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Nonadecyl trifluoroacetate	380	C21H39F3O2	1000351-76-3	91
5	17-Pentatriacontene	491	C35H70	006971-40-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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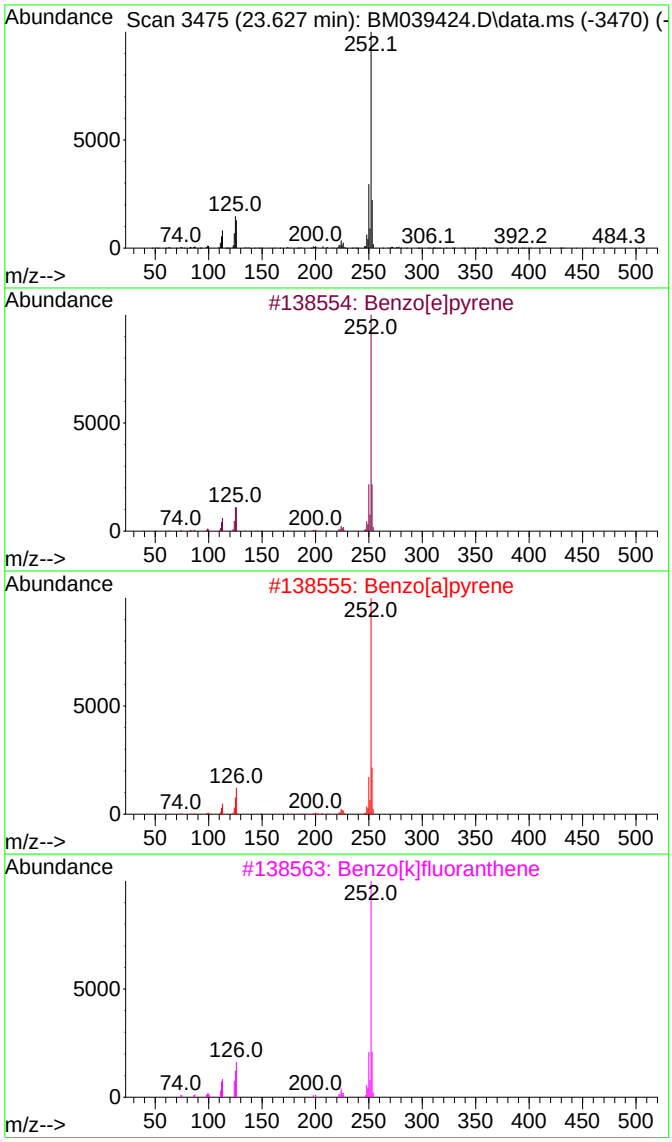
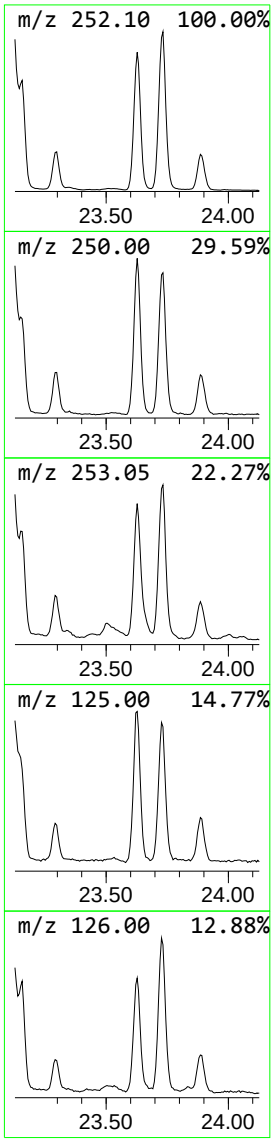
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.627	23.98 ng	2107430	Perylene-d12	23.839

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[a]pyrene	252	C20H12	000050-32-8	93
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	91
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90
5	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039424.D
Acq On : 13 Apr 2023 23:21
Operator : CG/JU
Sample : 02324-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
RT-3419

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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
2-Pentanone, 4-...	4.946	14.5	ng	793740	1	7.851	1095870	20.0
Benzophenone	15.874	4.7	ng	463250	3	14.510	1957550	20.0
Phenanthrene, 2...	18.139	10.2	ng	1118420	4	17.262	2203320	20.0
n-Hexadecanoic ...	18.162	12.1	ng	1336410	4	17.262	2203320	20.0
Anthracene, 2-m...	18.186	13.8	ng	1518120	4	17.262	2203320	20.0
Phenanthrene, 1...	18.268	4.0	ng	444081	4	17.262	2203320	20.0
4H-Cyclopenta[d...	18.333	15.6	ng	1714780	4	17.262	2203320	20.0
1H-Cyclopropa[l...	18.374	7.7	ng	849246	4	17.262	2203320	20.0
Isopropyl palmi...	18.580	12.7	ng	1403440	4	17.262	2203320	20.0
Naphthalene, 2-...	18.639	5.4	ng	599065	4	17.262	2203320	20.0
9,10-Anthracene...	18.692	5.6	ng	612163	4	17.262	2203320	20.0
Phenanthrene, 2...	18.886	3.1	ng	336772	4	17.262	2203320	20.0
Phenanthrene, 3...	18.939	3.9	ng	428490	4	17.262	2203320	20.0
Phenanthrene, 2...	19.056	11.6	ng	1277950	4	17.262	2203320	20.0
9,10-Dimethylan...	19.115	6.0	ng	660372	4	17.262	2203320	20.0
Cyclopenta(def)...	19.203	8.2	ng	900505	4	17.262	2203320	20.0
Pyrene, 1-methyl-	20.180	6.4	ng	2028900	5	21.450	6376920	20.0
Pyrene, 2-methyl-	20.339	3.3	ng	1035380	5	21.450	6376920	20.0
1-Hexacosene	21.150	5.2	ng	1649680	5	21.450	6376920	20.0
Benzo[e]pyrene	23.627	24.0	ng	2107430	6	23.839	1757770	20.0