LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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: BM039425.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	292	299	307	rBV	428004	612979	2.75%	0.271%
2	5.434	375	382	401	rBV	2457621	3873564	17.37%	1.710%
3	7.057	650	658	684	rBV	2330435	4007086	17.97%	1.769%
4	7.851	785	793	808	rBV	762462	1276166	5.72%	0.563%
5	9.028	985	993	1007	rBV	1369748	2505963	11.24%	1.106%
6	10.663	1259	1271	1276	rBV	1018844	1841909	8.26%	0.813%
7	10.716	1276	1280	1286	rVB	169018	300818	1.35%	0.133%
8	12.328	1549	1554	1561	rVB	221529	363873	1.63%	0.161%
9	12.551	1582	1592	1602	rBV	382672	718619	3.22%	0.317%
10	13.133	1684	1691	1700	rBV	3744584	5591591	25.08%	2.469%
11	13.328	1713	1724	1732	rBV2	139162	363468	1.63%	0.160%
12	13.669	1777	1782	1784	rBV	236053	363893	1.63%	0.161%
13	13.833	1803	1810	1814	rBV	495821	892159	4.00%	0.394%
14	13.880	1814	1818	1828	rVV	323454	559440	2.51%	0.247%
15	13.975	1828	1834	1839	rVB2	164424	353675	1.59%	0.156%
16	14.063	1845	1849	1853	rBV	218270	337666	1.51%	0.149%
17	14.233	1873	1878	1891	rVB	1125422	1798179	8.07%	0.794%
18	14.398	1901	1906	1913	rBV	222153	328874	1.48%	0.145%
19	14.510	1914	1925	1931	rBV	1606055	2597096	11.65%	1.147%
20	14.575	1931	1936	1943	rVB	1252930	1893701	8.49%	0.836%
21	14.722	1956	1961	1969	rVB3	143226	328432	1.47%	0.145%
22	14.822	1971	1978	1982	rBV2	105372	236435	1.06%	0.104%
23	14.910	1987	1993	2001	rVV	910991	1424833	6.39%	0.629%
24	14.986	2002	2006	2009	rVB	221892	284475	1.28%	0.126%
25	15.127	2024	2030	2035	rBV2	243189	451361	2.02%	0.199%
26	15.298	2052	2059	2062	rBV3	160200	357576	1.60%	0.158%
27	15.351	2062	2068	2071	rVV2	260457	425277	1.91%	0.188%
28	15.469	2081	2088	2092	rBV5	113637	281017	1.26%	0.124%
29	15.563	2098	2104	2115	rVB	2163271	3423630	15.36%	1.512%
30	15.680	2121	2124	2127	rVV	218981	284077	1.27%	0.125%
31	15.722	2127	2131	2134	rVV4	187445	278298	1.25%	0.123%
32	15.763	2134	2138	2143	rVB2	214403	320455	1.44%	0.141%
33	15.851	2149	2153	2160	rVB2	374810	680503	3.05%	0.300%
34	16.004	2170	2179	2187	rBV	3078166	5025778	22.54%	2.219%
35	16.216	2211	2215	2216	rBV	373346	426385	1.91%	0.188%
36	16.563	2267	2274	2279	rBV2	584587	1178530	5.29%	0.520%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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	16.616	2279	2283	2288	rVB2	400038	581073	2.61%	0.257%
38	16.716	2296	2300	2305	rVB	386348	555684	2.49%	0.245%
39	16.792	2306	2313	2316	rVV3	223806	474677	2.13%	0.210%
40	16.833	2317	2320	2330	rVV4	296642	629579	2.82%	0.278%
41	16.921	2331	2335	2340	rVV4	177432	340571	1.53%	0.150%
42	17.010	2343	2350	2354	rVV2	478034	911754	4.09%	0.403%
43	17.080	2355	2362	2370	rVB	921170	1755976	7.88%	0.775%
44	17.263	2388	2393	2396	rBV	1777071	2623416	11.77%	1.158%
45	17.310	2396	2401	2411	rVV	10756615	15514954	69.59%	6.850%
46	17.398	2411	2416	2421	rVV	3698077	5234803	23.48%	2.311%
47	17.457	2421	2426	2431	rVB2	260223	554442	2.49%	0.245%
48	17.539	2436	2440	2449	rVB6	173974	479145	2.15%	0.212%
49	17.674	2458	2463	2472	rBV	754198	1339144	6.01%	0.591%
50	17.751	2473	2476	2479	rVV	378892	472631	2.12%	0.209%
51	17.780	2479	2481	2485	rVV	298974	399931	1.79%	0.177%
52	17.845	2488	2492	2499	rVB2	538455	881658	3.95%	0.389%
53	17.927	2504	2506	2511	rVB	216405	282500	1.27%	0.125%
54	17.992	2512	2517	2522	rBV	317177	573855	2.57%	0.253%
55	18.139	2537	2542	2545	rBV	1751592	2878227	12.91%	1.271%
56	18.168	2545	2547	2548	rVV	1781904	1806183	8.10%	0.797%
57	18.192	2548	2551	2557	rVB	2473356	3474013	15.58%	1.534%
58	18.274	2560	2565	2570	rVV	966206	1493337	6.70%	0.659%
59	18.339	2570	2576	2580	rVV3	3718936	6658277	29.86%	2.940%
60	18.374	2580	2582	2590	rVB	1381974	1611440	7.23%	0.711%
61	18.451	2591	2595	2599	rBV2	441539	590706	2.65%	0.261%
62	18.539	2606	2610	2614	rBV	330699	455754	2.04%	0.201%
63	18.586	2614	2618	2622	rVV3	394982	597915	2.68%	0.264%
64	18.645	2623	2628	2632	rVV	1102952	1747712	7.84%	0.772%
65	18.692	2633	2636	2646	rVB2	464446	732064	3.28%	0.323%
66	18.886	2667	2669	2674	rVB2	326955	361363	1.62%	0.160%
67	18.939	2675	2678	2681	rVV	563152	699545	3.14%	0.309%
68	18.980	2681	2685	2689	rVB2	480231	650448	2.92%	0.287%
69	19.068	2694	2700	2704	rBV3	1490247	3309973	14.85%	1.461%
70	19.110	2704	2707	2713	rVB3	707199	1422212	6.38%	0.628%
71	19.204	2719	2723	2724	rBV2	430892	573896	2.57%	0.253%
72	19.333	2736	2745	2751	rBV	14673513	22294974	100.00%	9.843%
73	19.445	2757	2764	2767	rBV2	1017387	1759333	7.89%	0.777%
74	19.474	2767	2769	2774	rVB	608122	737080	3.31%	0.325%
75	19.568	2781	2785	2788	rBV	652911	869894	3.90%	0.384%
76	19.662	2796	2801	2802	rBV	2441533	3127414	14.03%	1.381%

LSC Area Percent Report

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Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-02-041223

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

77	19.698	2802	2807	2814	rVV	12970906	19637930	88.08%	8.670%
78	19.762	2814	2818	2824	rVB2	802283	1267947	5.69%	0.560%
79	19.892	2833	2840	2844	rBV2	5705081	7320754	32.84%	3.232%
80	20.015	2856	2861	2868	rBV3	983212	2460304	11.04%	1.086%
81	20.186	2879	2890	2895	rBV	3031033	6126667	27.48%	2.705%
82	20.286	2903	2907	2911	rBV	2612434	3235478	14.51%	1.428%
83	20.345	2913	2917	2921	rVB2	1536171	2057881	9.23%	0.909%
84	20.486	2937	2941	2944	rBV	1165079	1455762	6.53%	0.643%
85	20.527	2945	2948	2953	rVV	1081867	1399300	6.28%	0.618%
86	21.104	3043	3046	3049	rBV	919945	1107613	4.97%	0.489%
87	21.139	3049	3052	3057	rBV2	964253	1759480	7.89%	0.777%
88	21.445	3099	3104	3109	rBV2	6878693	12603765	56.53%	5.564%
89	21.492	3109	3112	3122	rVB	5539326	8094509	36.31%	3.574%
90	23.127	3384	3390	3395	rBV	3419433	8546638	38.33%	3.773%
91	23.639	3473	3477	3484	rVB	2420675	4390763	19.69%	1.938%
92	23.745	3490	3495	3502	rVB	3926281	7594223	34.06%	3.353%

Sum of corrected areas: 226504348

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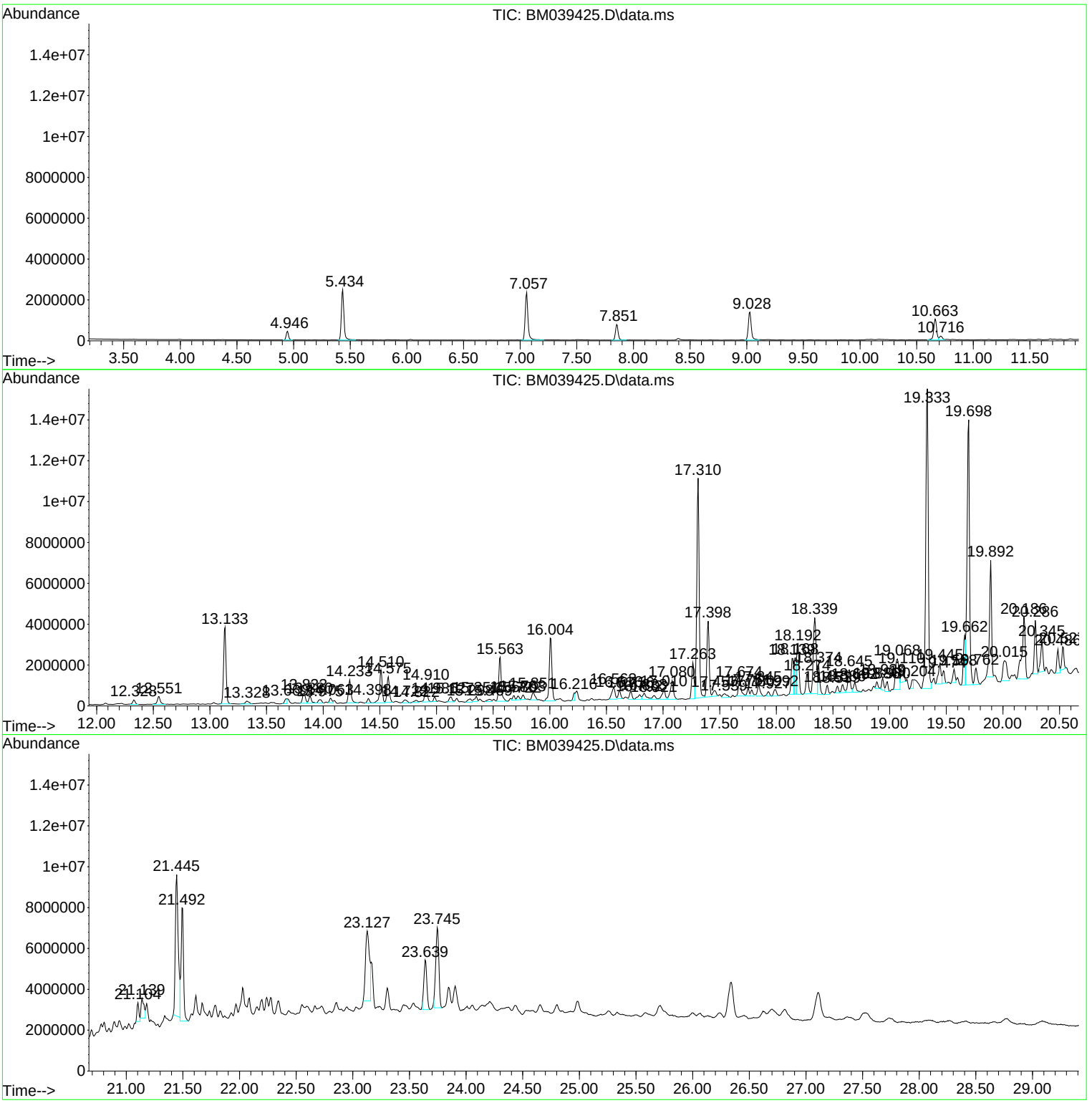
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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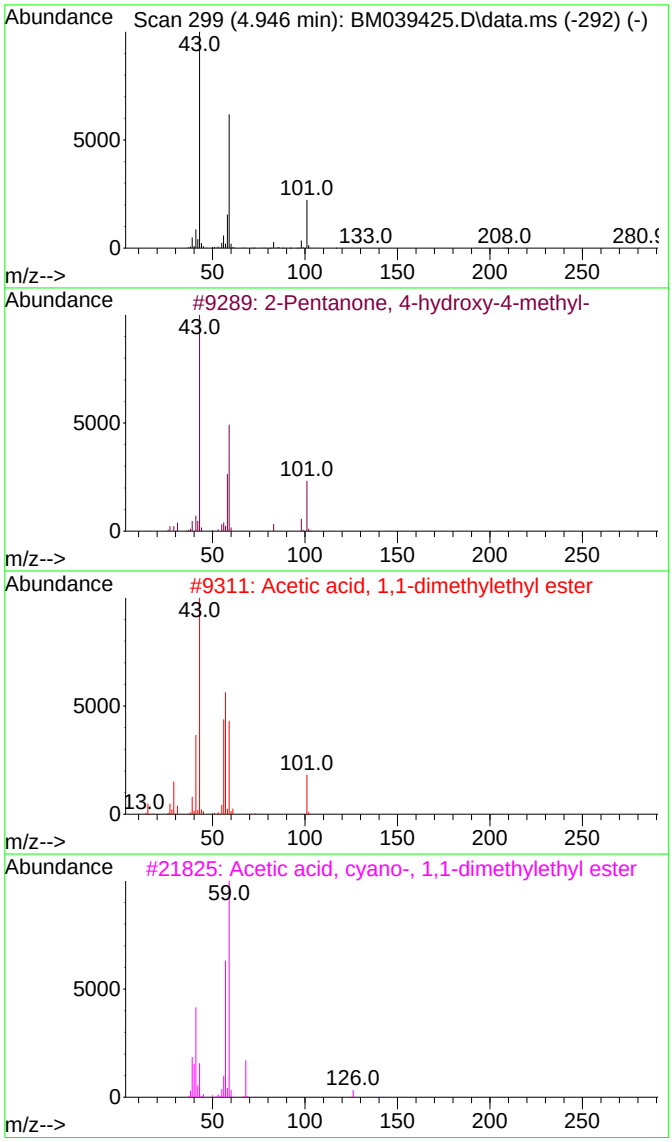
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

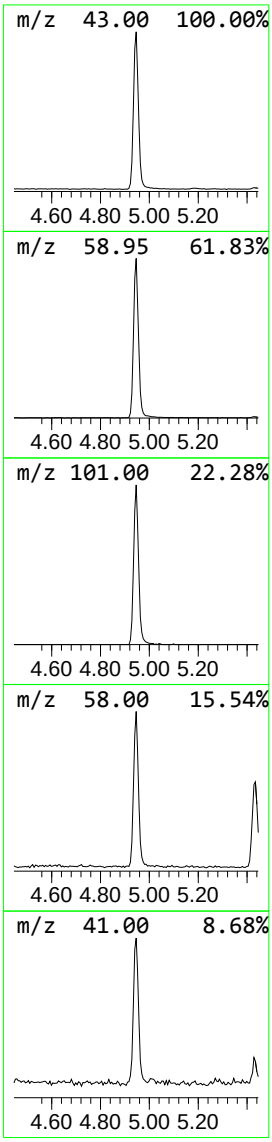
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.946	9.61 ng	612979	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	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
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Sample : 02307-01
Misc :
ALS Vial : 16 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

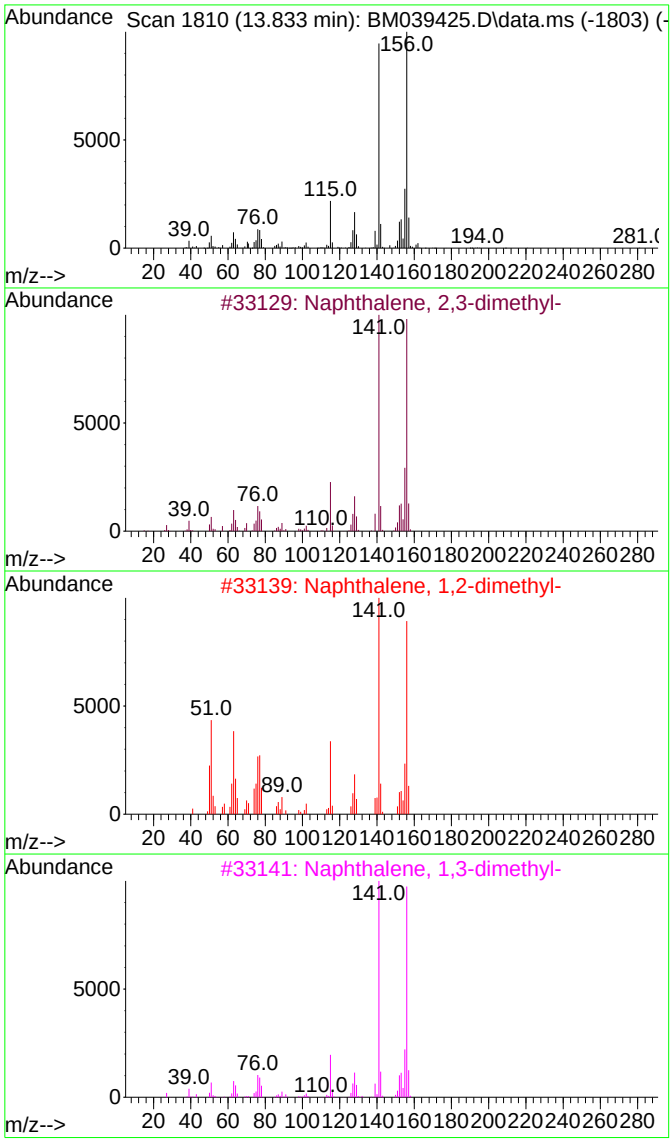
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

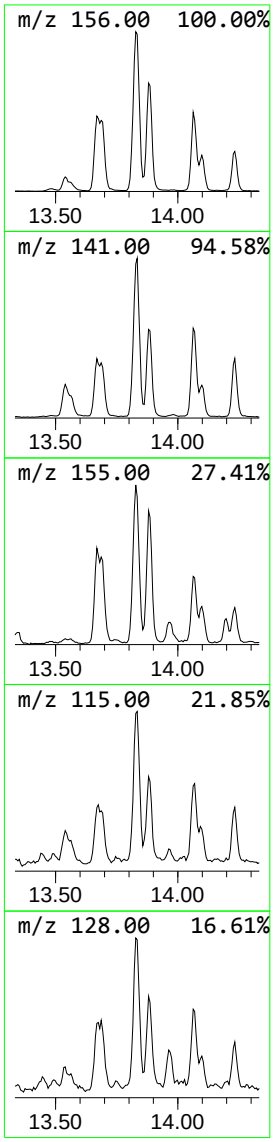
****

Peak Number 2 Naphthalene, 2,3-dimethyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.833	6.87 ng	892159	Acenaphthene-d10	14.510

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
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Misc :
ALS Vial : 16 Sample Multiplier: 1

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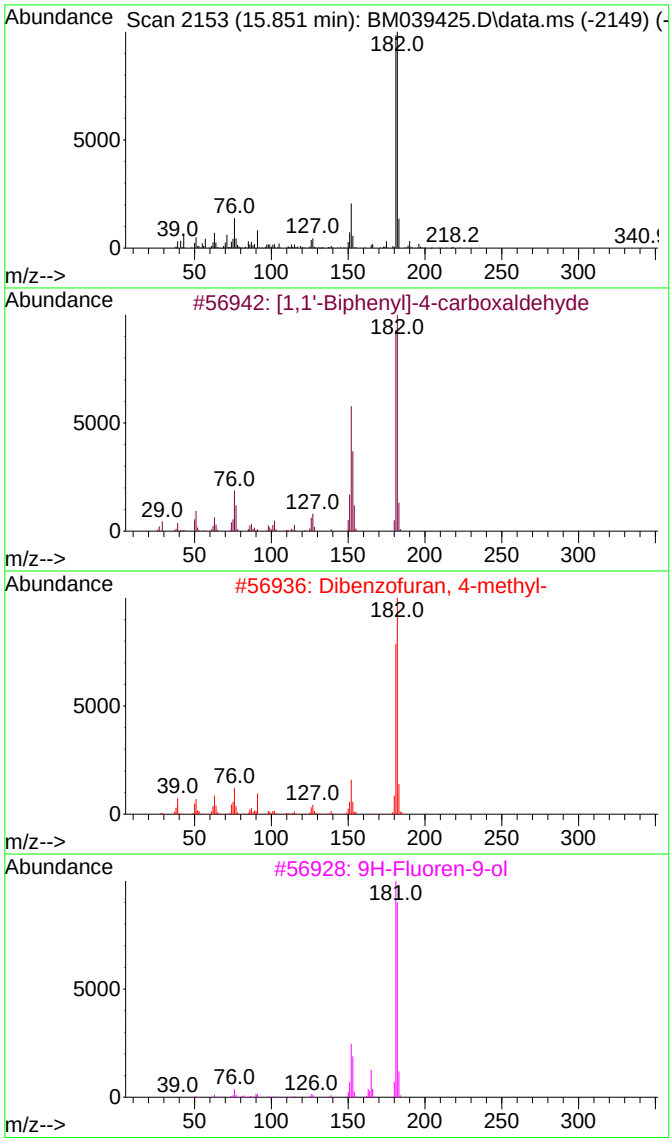
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

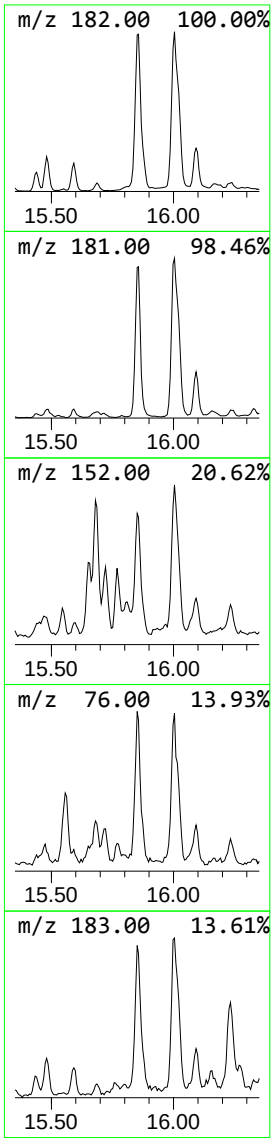
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 3 [1,1'-Biphenyl]-4-carboxald... Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.851	5.24 ng	680503	Acenaphthene-d10	14.510

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	91
2	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	91
3	9H-Fluoren-9-ol	182	C13H10O	001689-64-1	78
4	Norharmane, N-methyl-	182	C12H10N2	1010374-78-6	72
5	2-Hydroxyfluorene	182	C13H10O	002443-58-5	68





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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

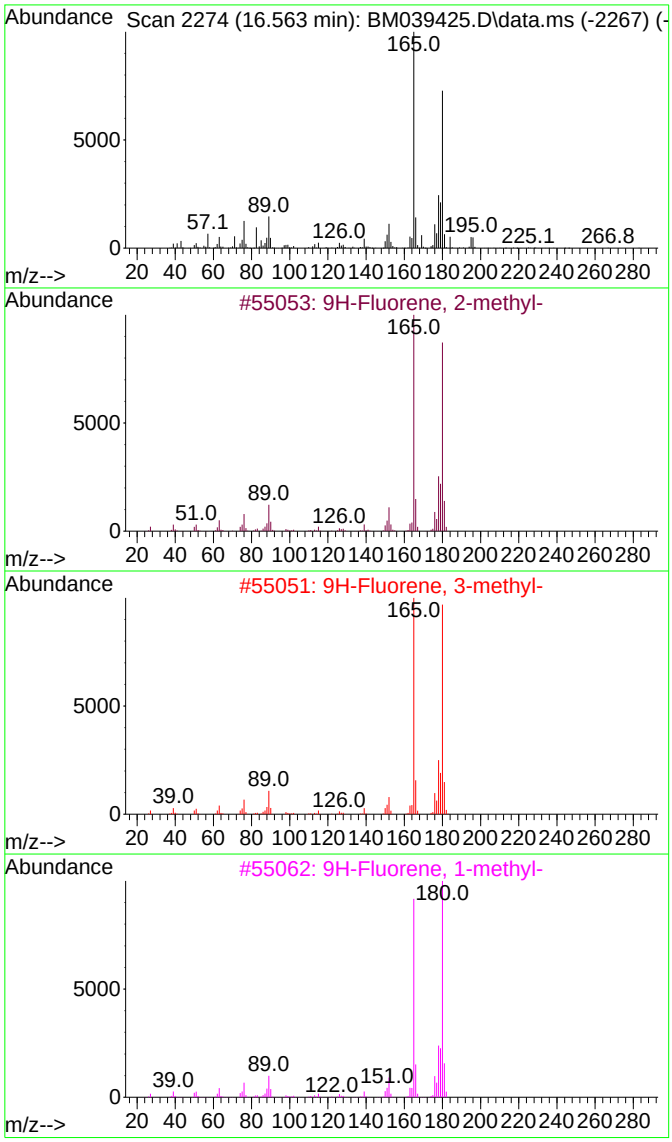
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

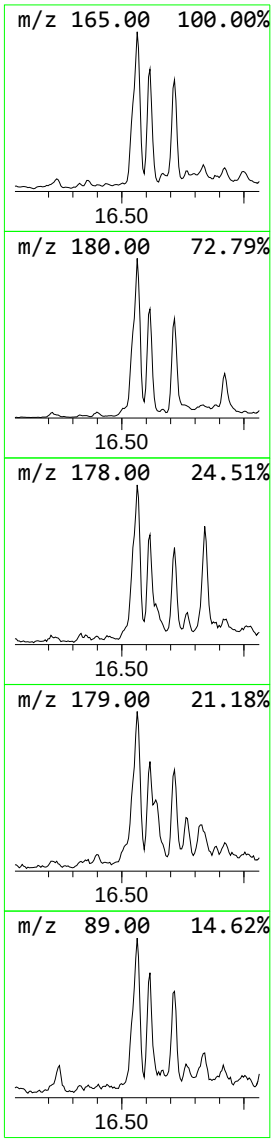
****

Peak Number 4 9H-Fluorene, 2-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.563	8.98 ng	1178530	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	93
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	90
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	90
4	(3H)Benzo[c]pyrrole, 3-methyl-3-...	208	C14H12N2	059341-20-7	83
5	9H-Fluorene, 4-methyl-	180	C14H12	001556-99-6	81





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Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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

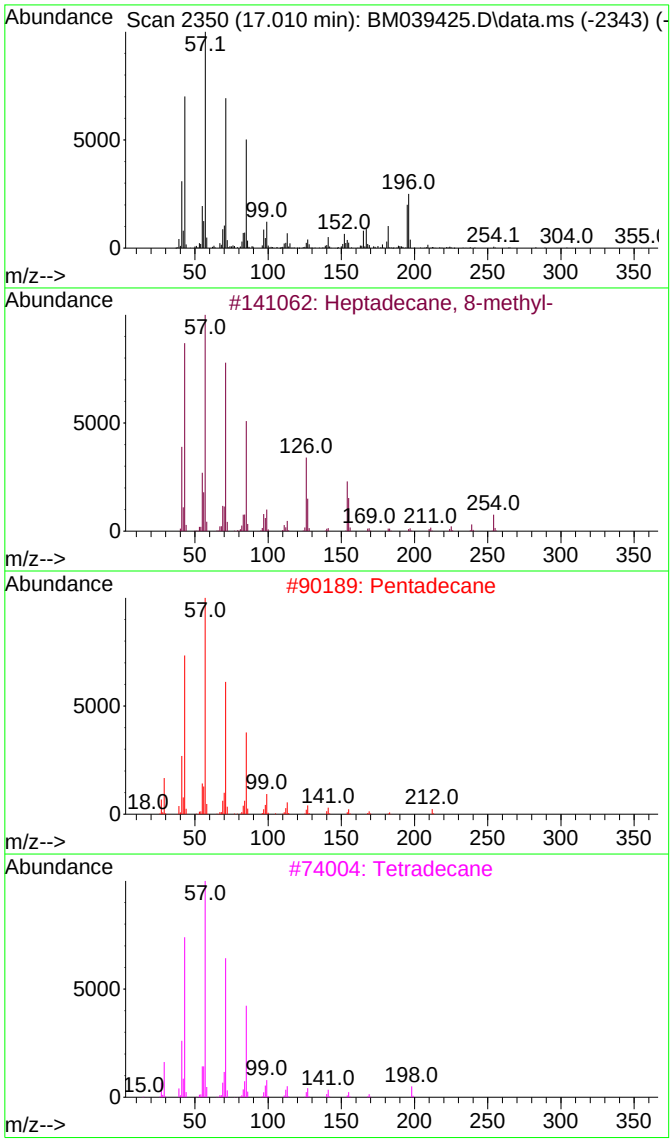
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

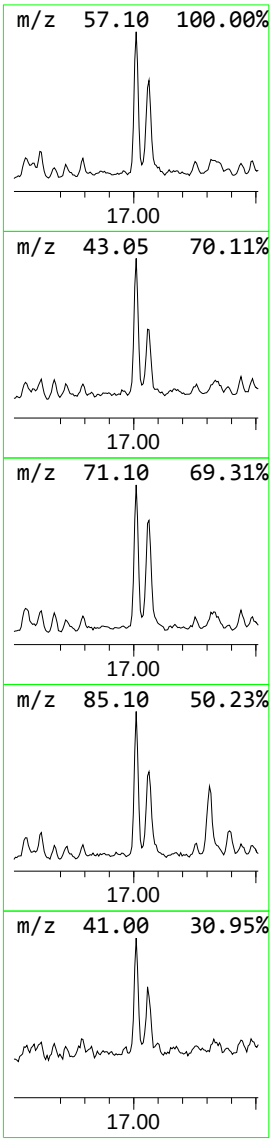
****

Peak Number 5 Heptadecane, 8-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.010	6.95 ng	911754	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	53
2	Pentadecane	212	C15H32	000629-62-9	53
3	Tetradecane	198	C14H30	000629-59-4	53
4	Heneicosane	296	C21H44	000629-94-7	53
5	Tetradecane, 1-iodo-	324	C14H29I	019218-94-1	49





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ClientSampleId :
PL-02-041223

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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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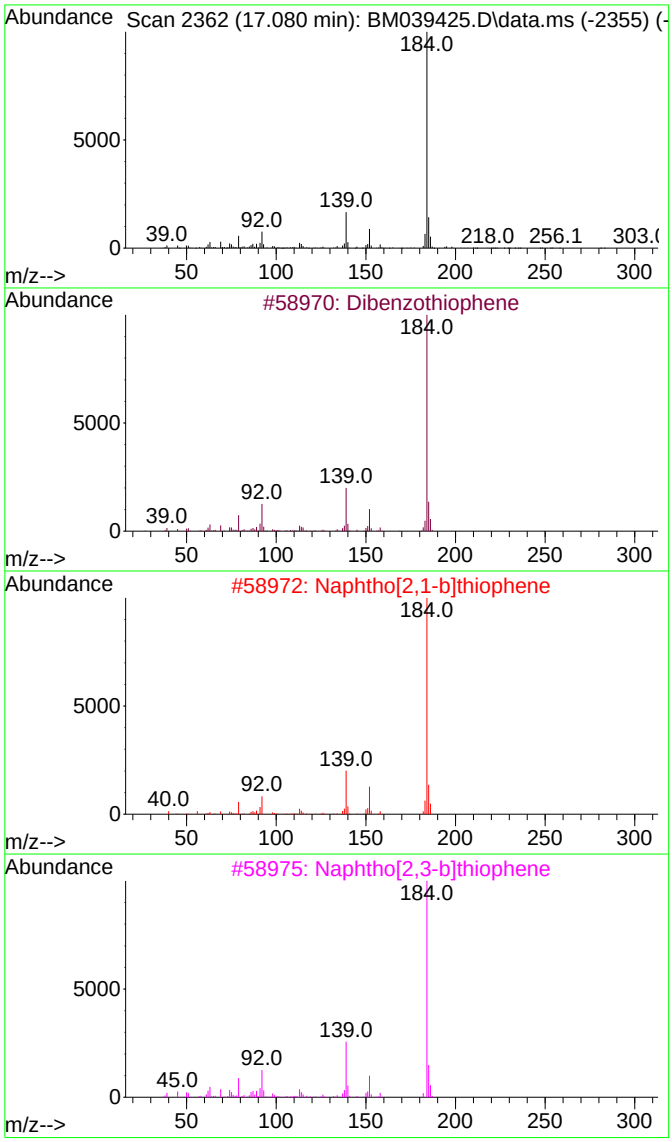
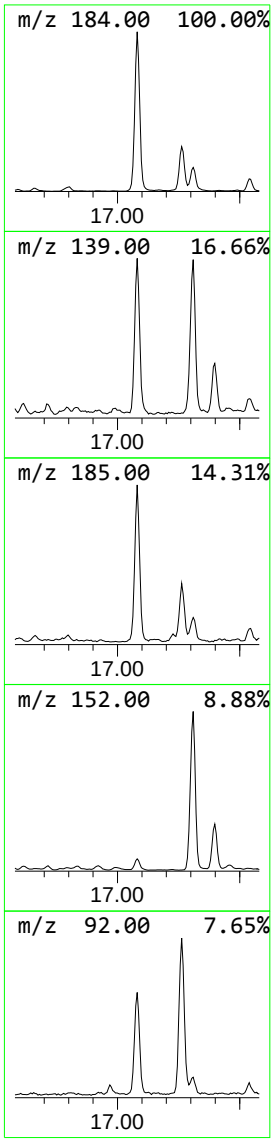
Peak Number 6 Dibenzothiophene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.080	13.39 ng	1755980	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Naphthalene, 2-ethenyl-6-methoxy-	184	C13H12O	063444-51-9	72





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Sample : 02307-01
Misc :
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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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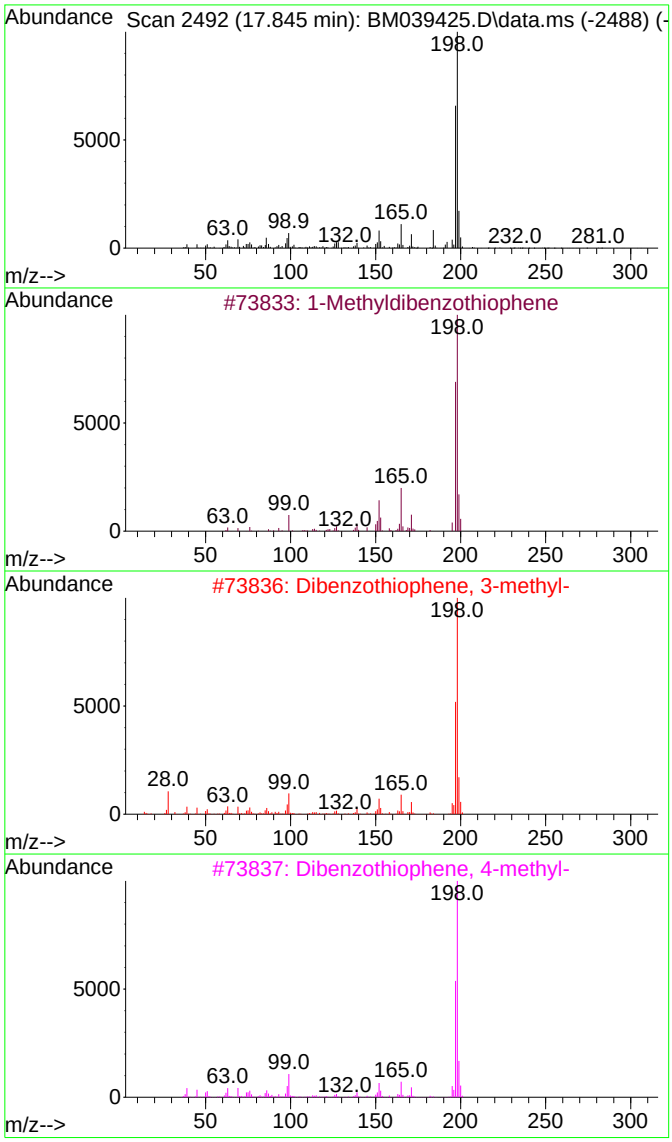
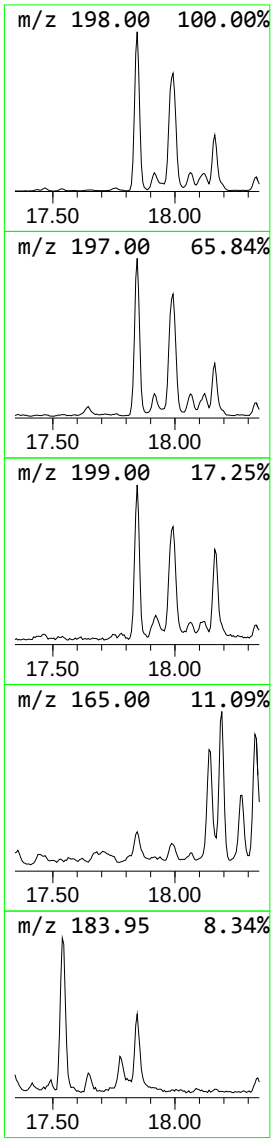
Peak Number 7 1-Methyldibenzothiophene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	6.72 ng	881658	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	94
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	93
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	93
4	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	90
5	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	87





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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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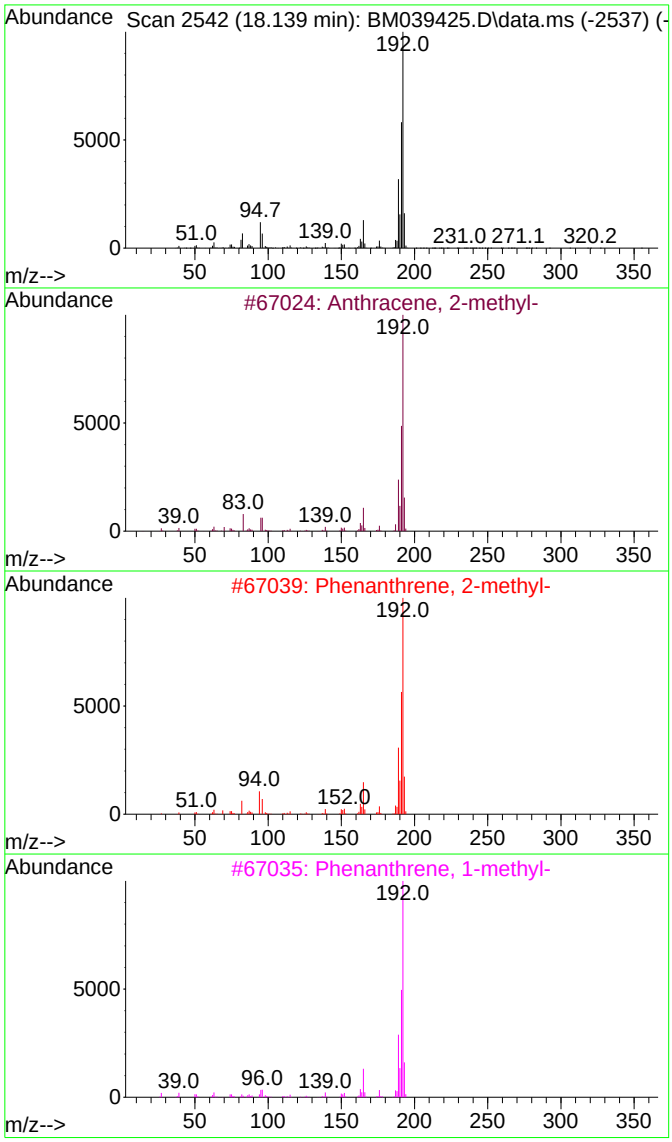
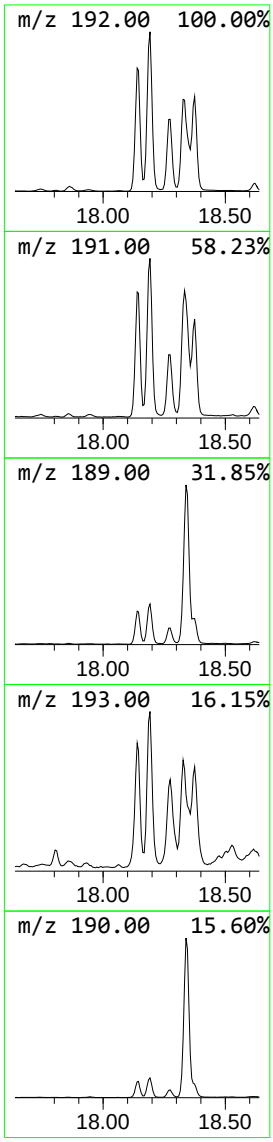
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.139	21.94 ng	2878230	Phenanthrene-d10	17.263

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





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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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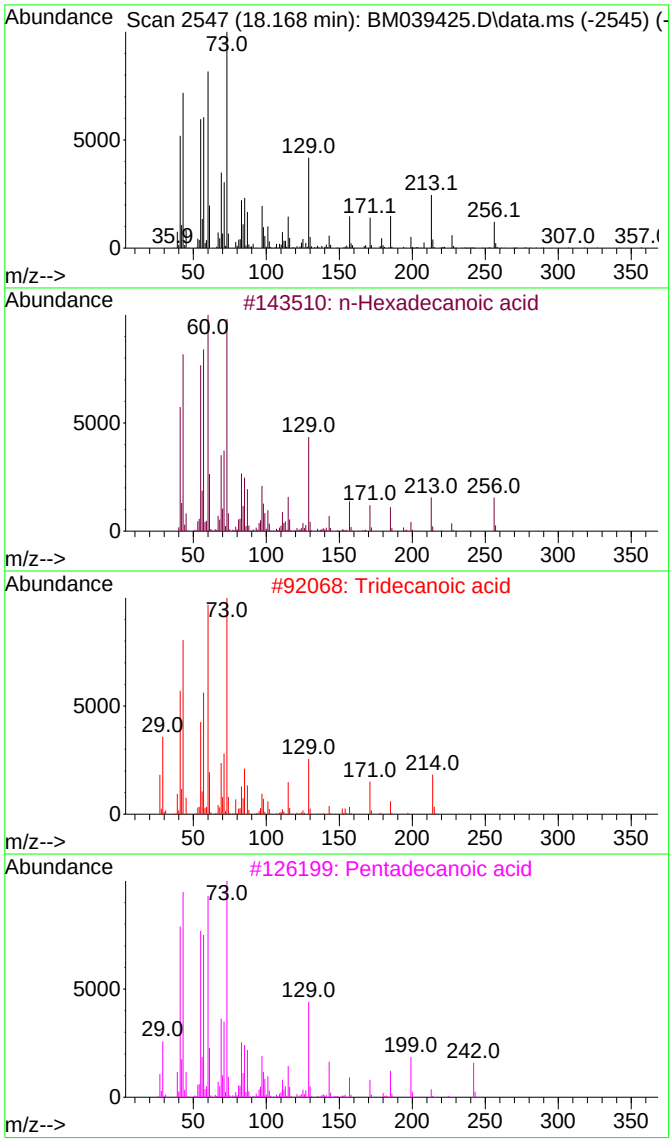
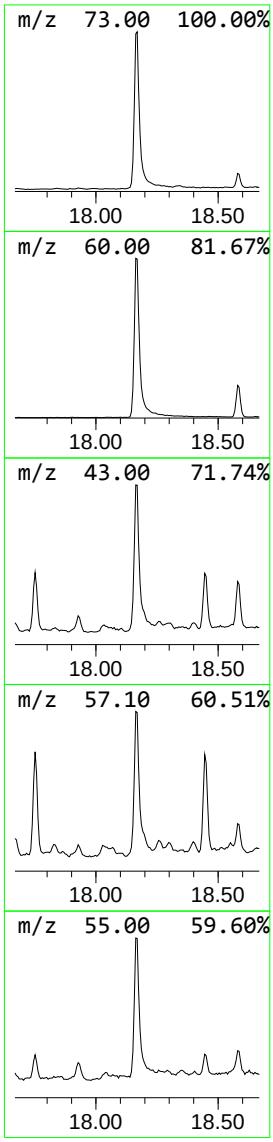
Peak Number 9 n-Hexadecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	13.77 ng	1806180	Phenanthrene-d10	17.263

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	90
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	n-Decanoic acid	172	C10H20O2	000334-48-5	60





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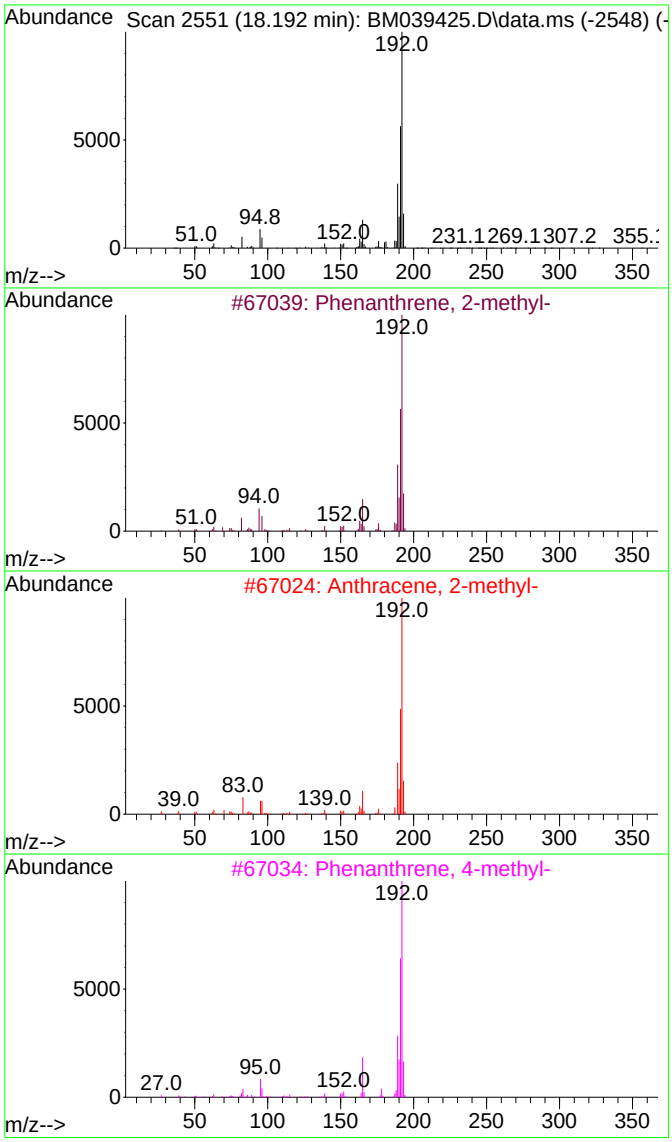
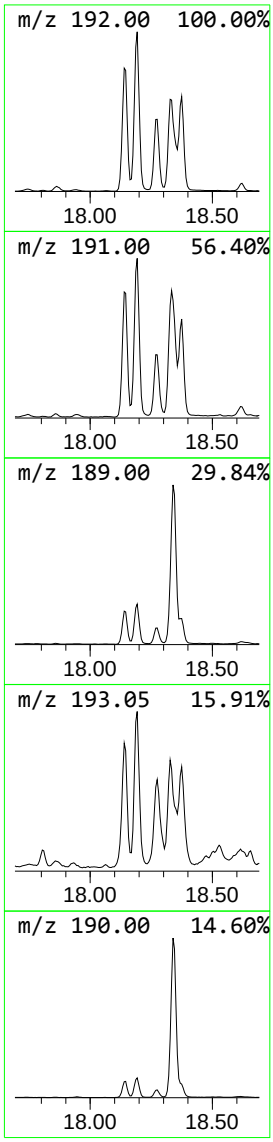
Peak Number 10 Phenanthrene, 2-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	26.48 ng	3474010	Phenanthrene-d10	17.263

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	96
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94





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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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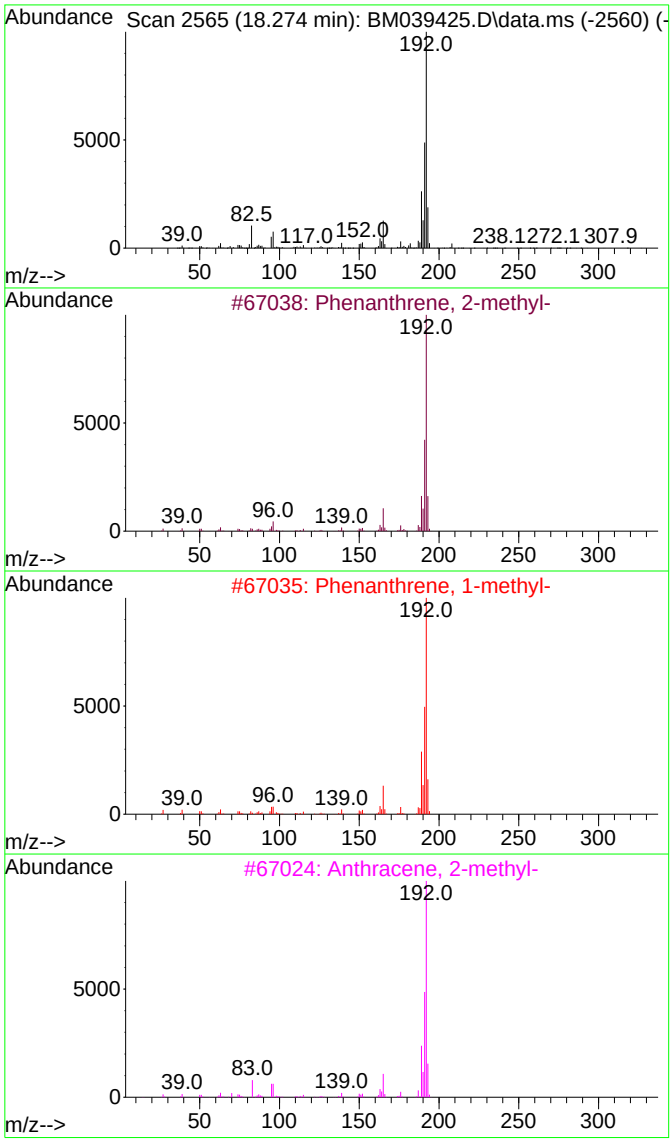
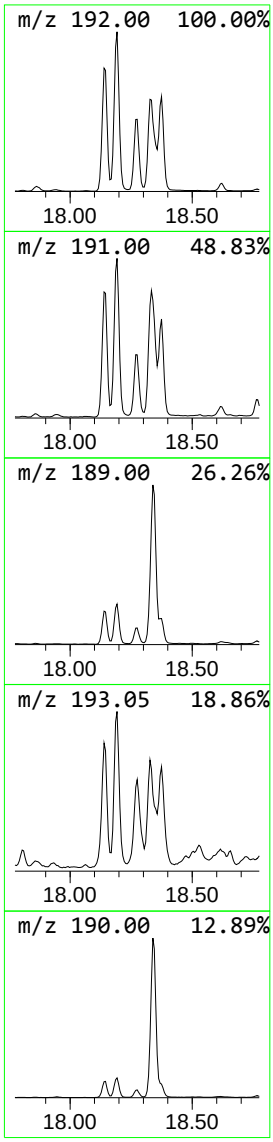
Peak Number 11 Phenanthrene, 1-methyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.274	11.38 ng	1493340	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95





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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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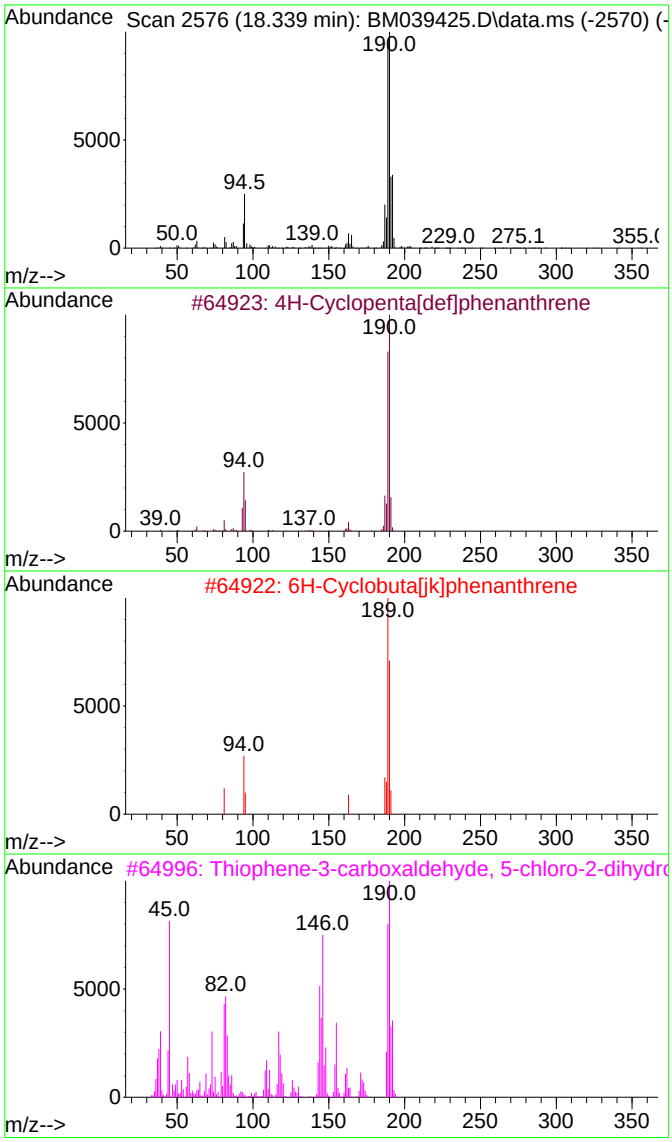
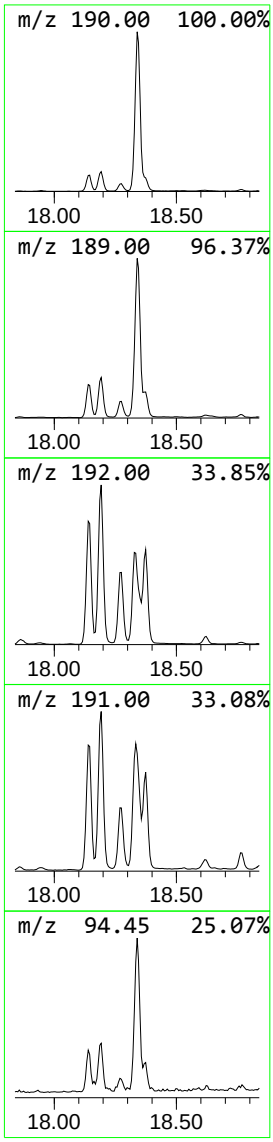
Peak Number 12 4H-Cyclopenta[def]phenanthrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.339	50.76 ng	6658280	Phenanthrene-d10	17.263

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	72
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	52
4	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	50
5	Methyl diselenide	190	C2H6Se2	007101-31-7	49





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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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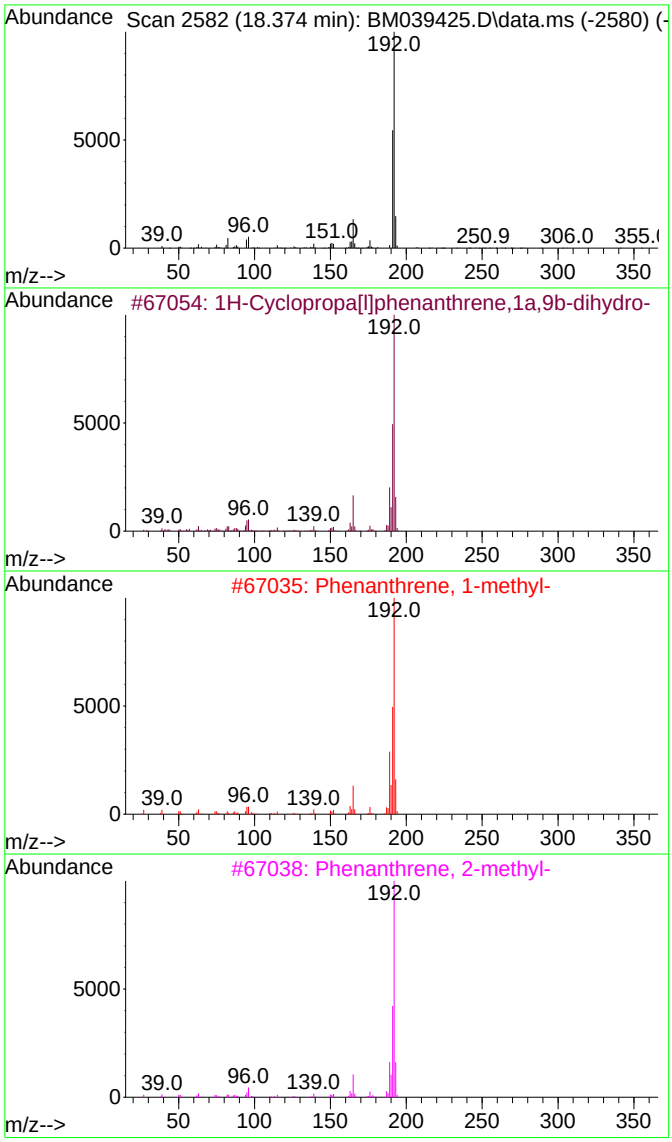
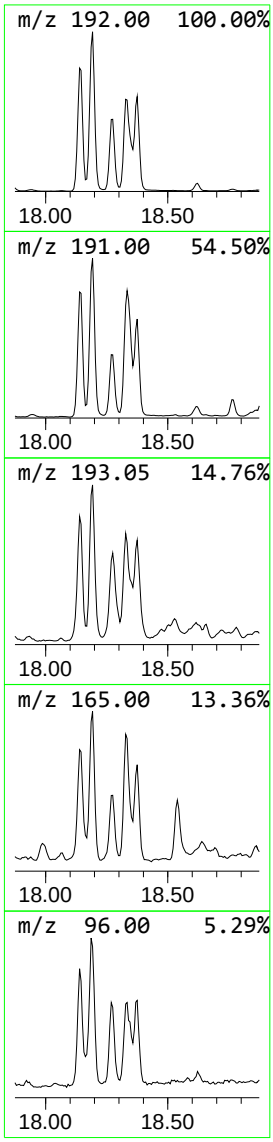
Peak Number 13 1H-Cyclopropa[l]phenanthren... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.374	12.29 ng	1611440	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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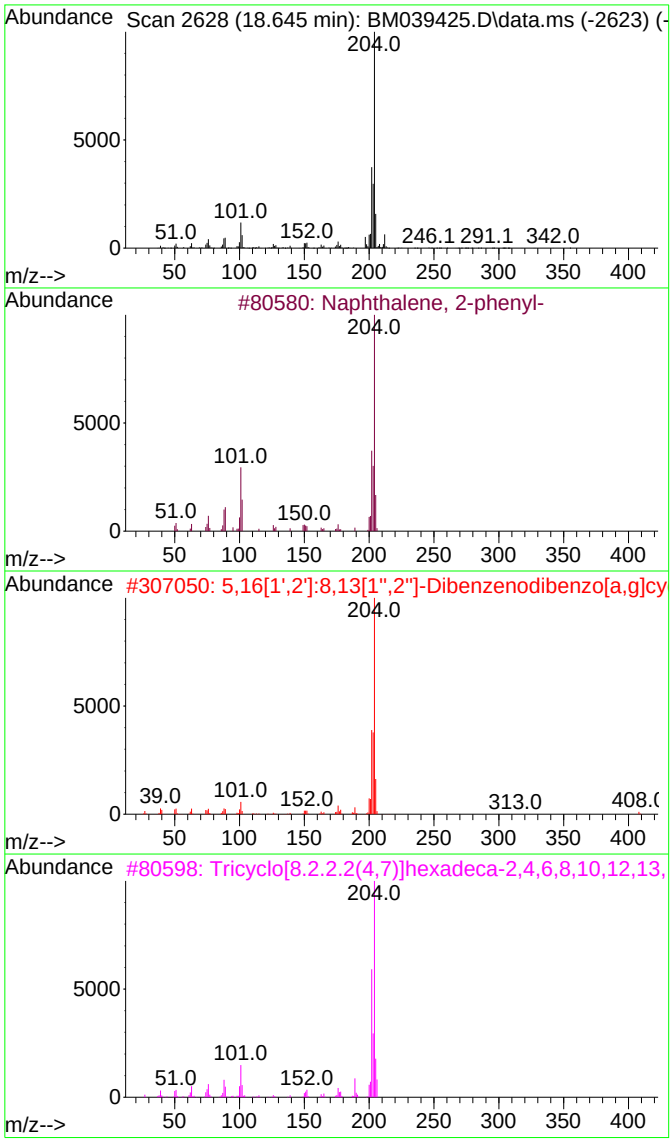
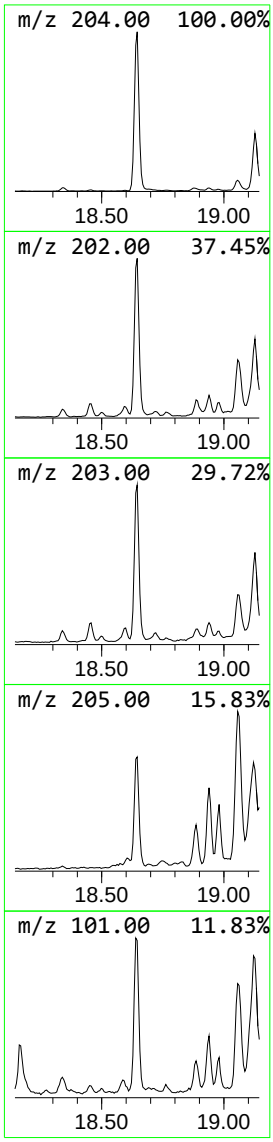
Peak Number 14 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.645	13.32 ng	1747710	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	89
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	81
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	60
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	58





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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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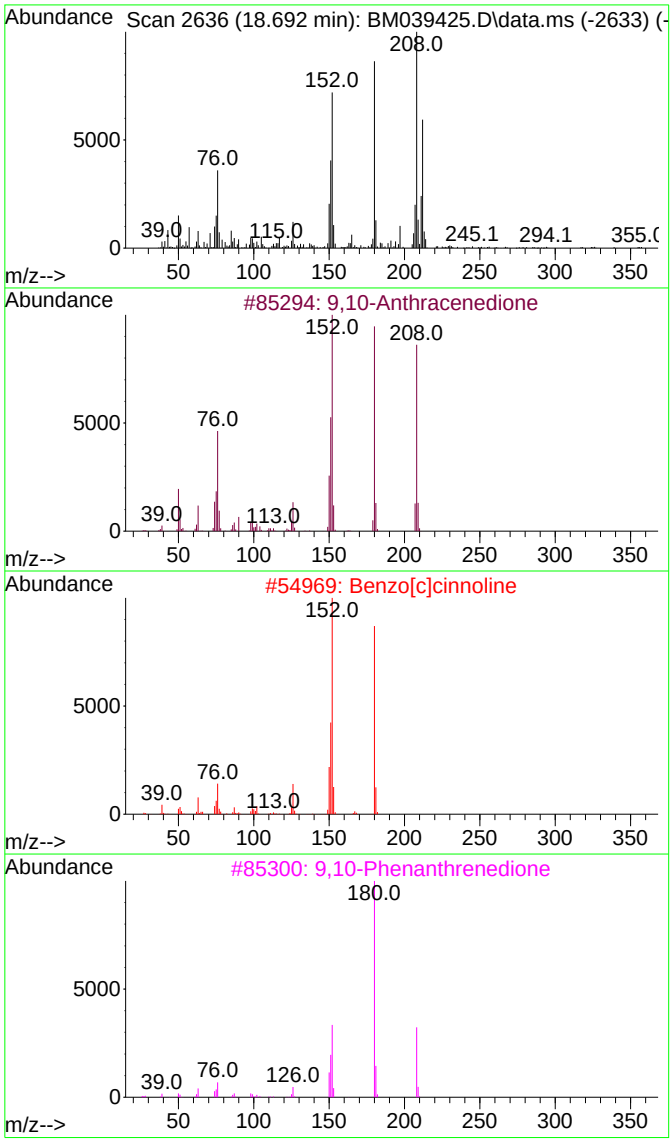
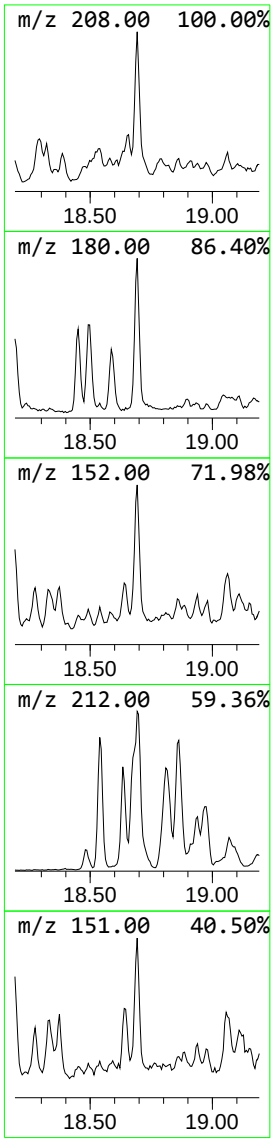
Peak Number 15 9,10-Anthracenedione Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.692	5.58 ng	732064	Phenanthrene-d10	17.263

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	90
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	42
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	42





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TIC Library : C:\Database\NIST20.L
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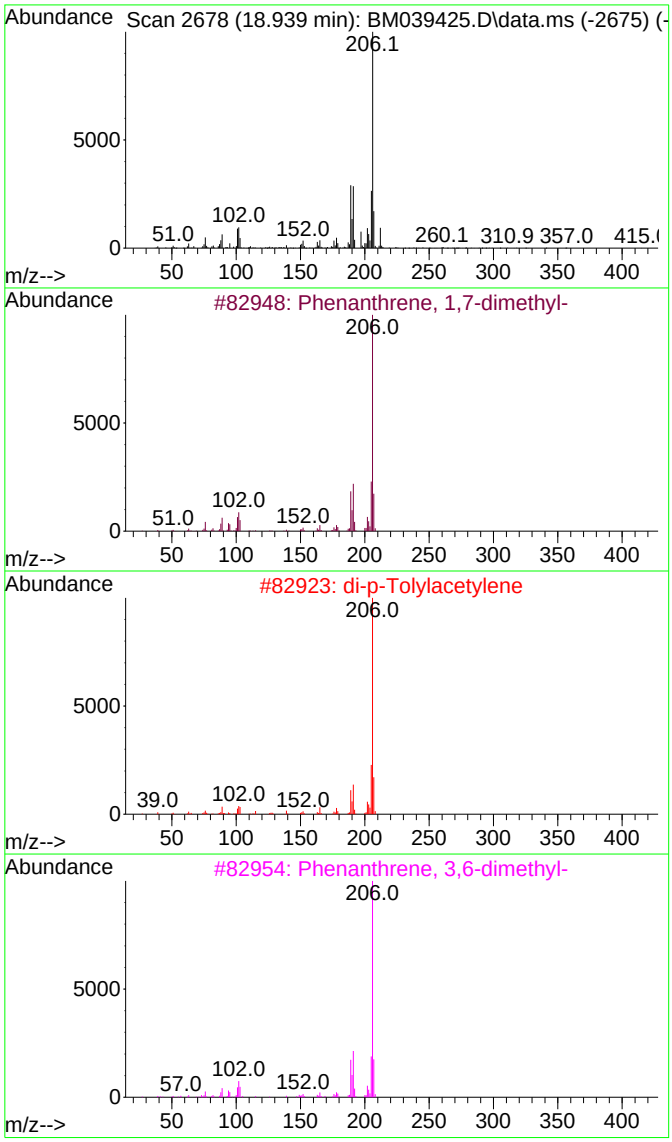
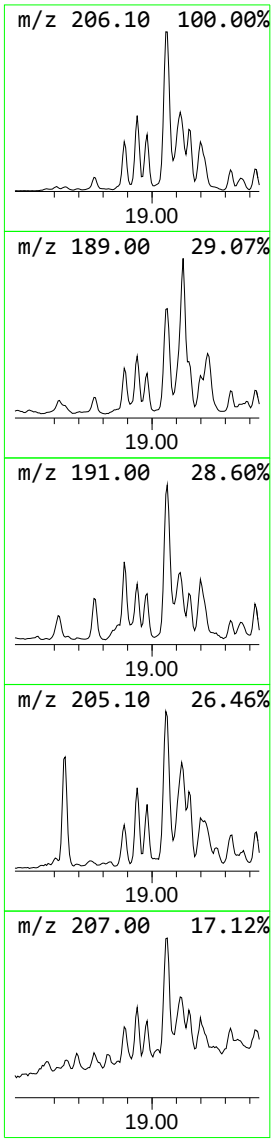
Peak Number 16 Phenanthrene, 1,7-dimethyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.939	5.33 ng	699545	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	94
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	90
5	Naphthalene, 1,2-dihydro-1-phenyl-	206	C16H14	016606-46-5	68





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

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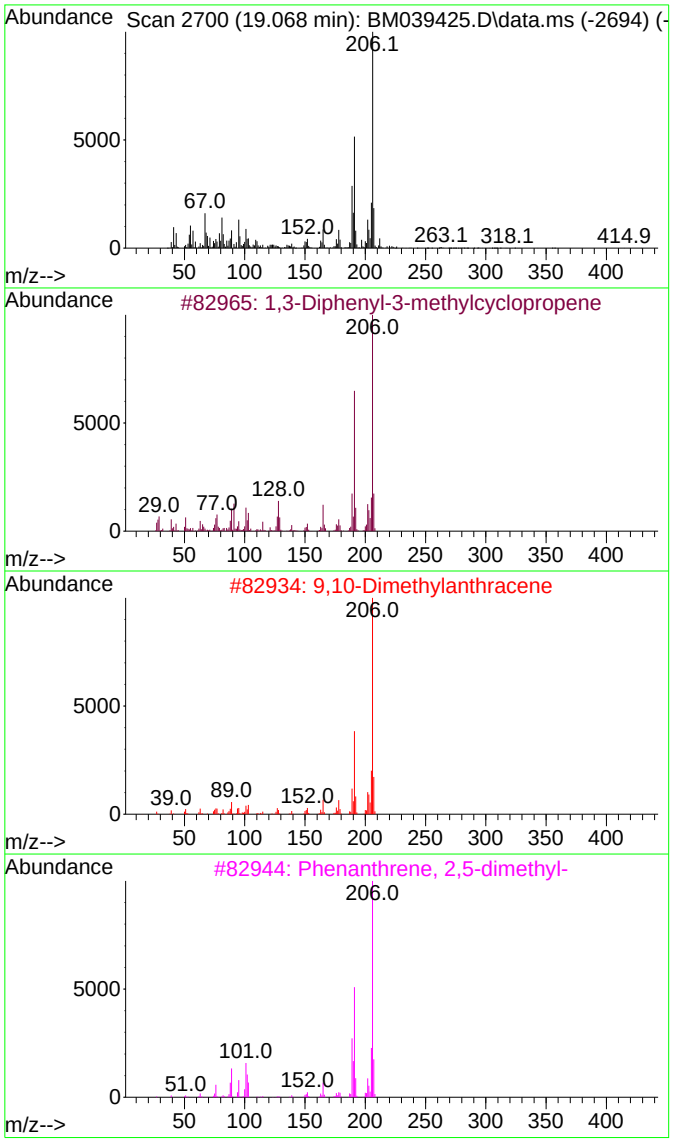
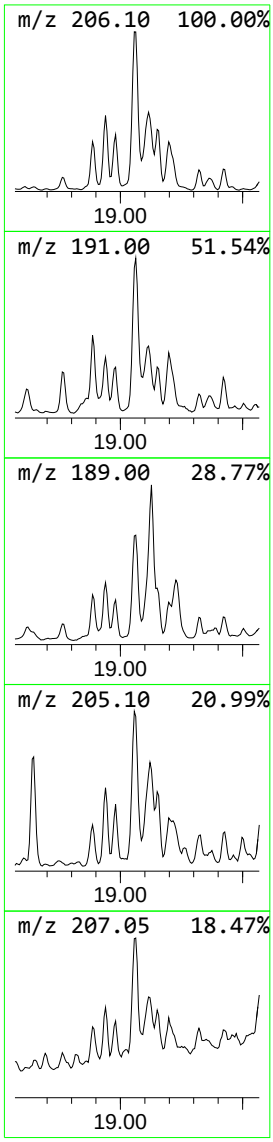
Peak Number 17 1,3-Diphenyl-3-methylcyclop... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.068	25.23 ng	3309970	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Diphenyl-3-methylcyclopropene	206	C16H14	086544-79-8	94
2	9,10-Dimethylanthracene	206	C16H14	000781-43-1	93
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
4	di-p-Tolylacetylene	206	C16H14	002789-88-0	90
5	3-Methyl-1-phenyl-1H-indene	206	C16H14	022360-63-0	89





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Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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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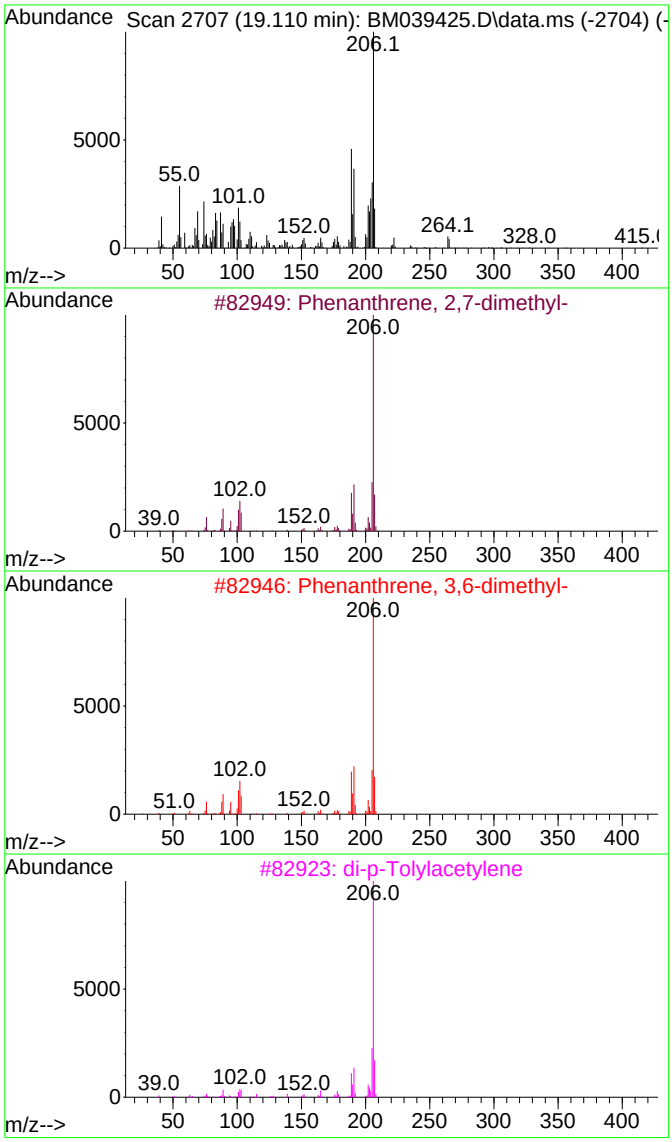
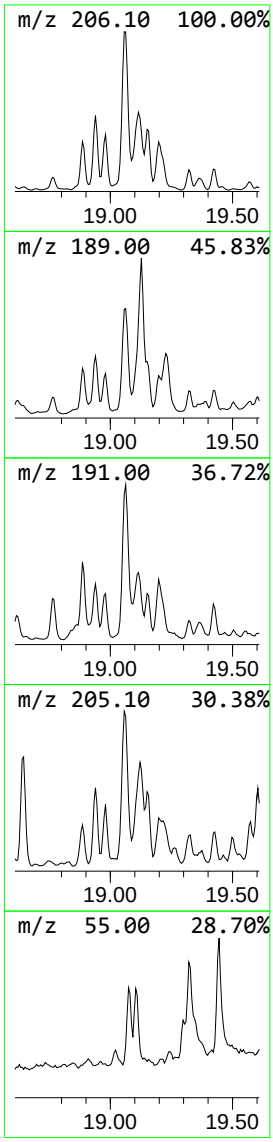
Peak Number 18 Phenanthrene, 2,7-dimethyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.110	10.84 ng	1422210	Phenanthrene-d10	17.263

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	89
2	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	89
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	60
5	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	60





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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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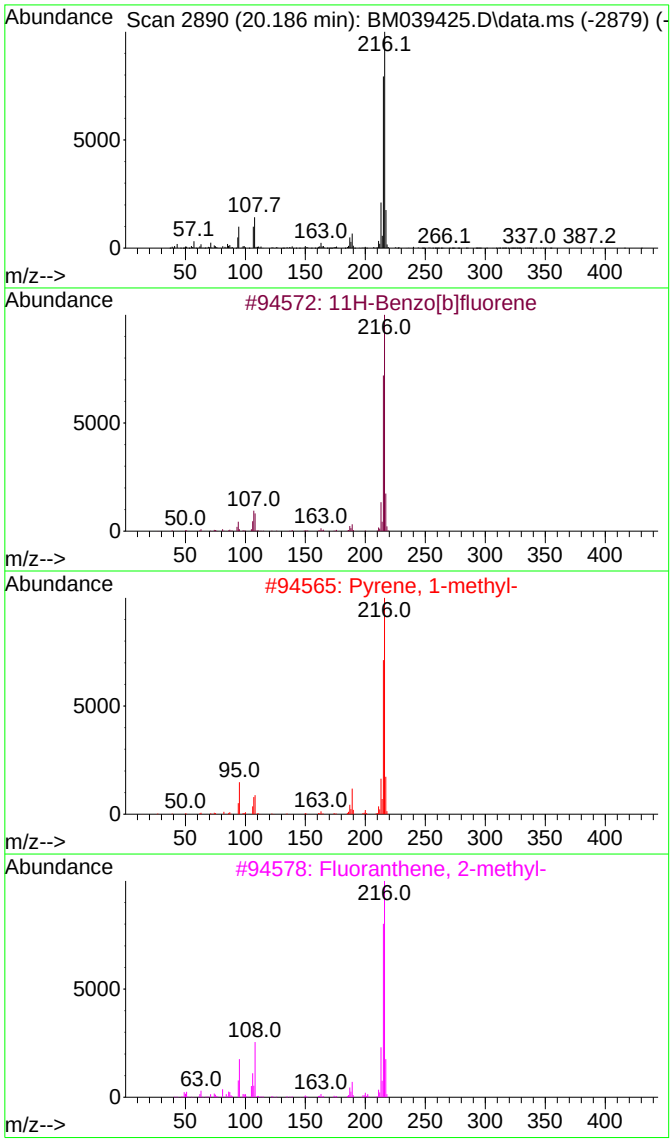
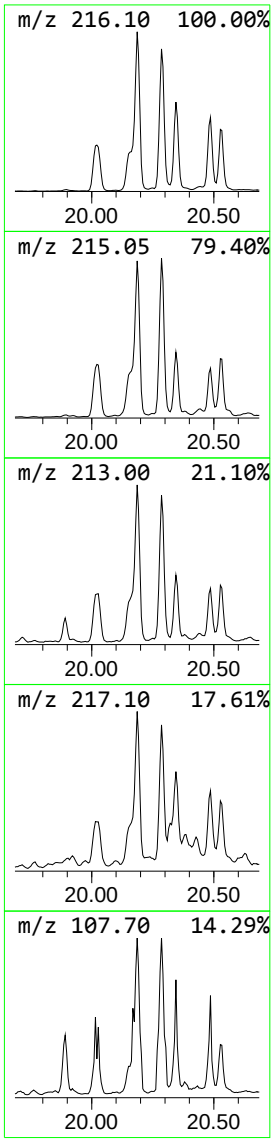
Peak Number 19 11H-Benzo[b]fluorene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.186	9.72 ng	6126670	Chrysene-d12	21.456

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041323\
Data File : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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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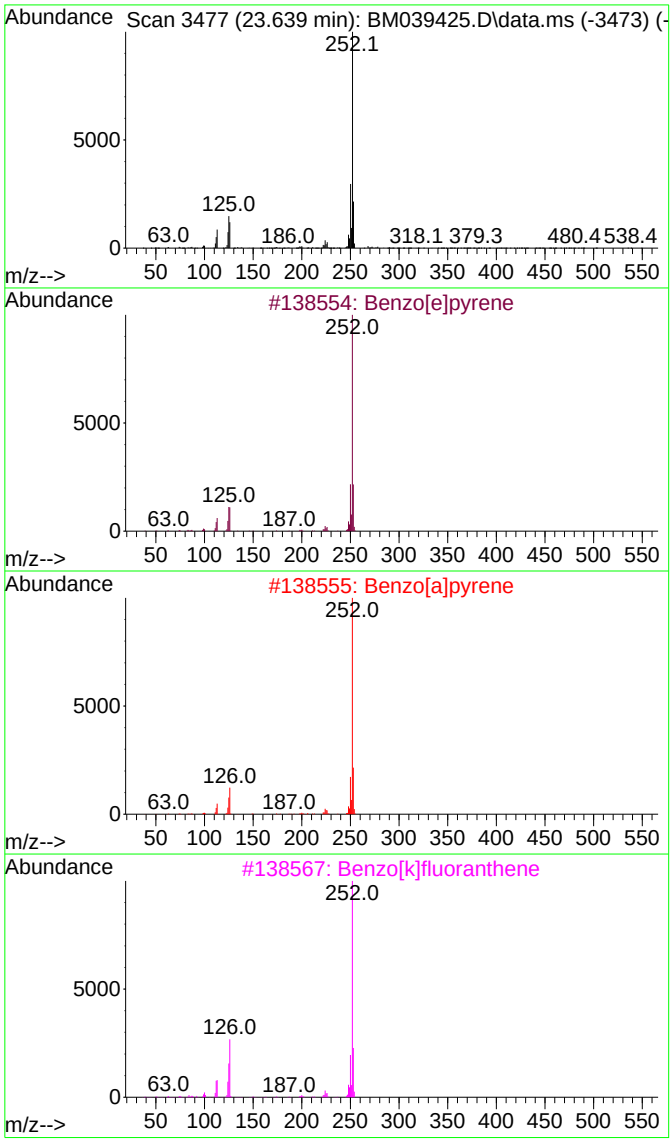
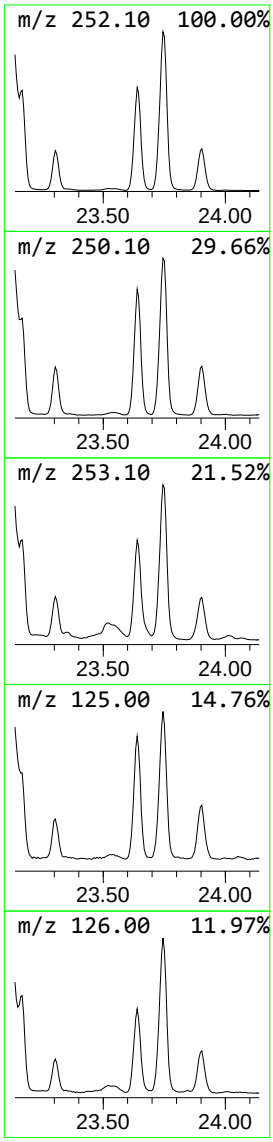
Peak Number 20 Benzo[e]pyrene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.639	11.56 ng	4390760	Perylene-d12	23.845

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	98
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	93
4	Perylene	252	C20H12	000198-55-0	91
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 : BM039425.D
Acq On : 13 Apr 2023 23:59
Operator : CG/JU
Sample : 02307-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-02-041223

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	9.6	ng	612979	1	7.851	1276170	20.0
Naphthalene, 2,...	13.833	6.9	ng	892159	3	14.510	2597100	20.0
[1,1'-Biphenyl]...	15.851	5.2	ng	680503	3	14.510	2597100	20.0
9H-Fluorene, 2-...	16.563	9.0	ng	1178530	4	17.263	2623420	20.0
Heptadecane, 8-...	17.010	7.0	ng	911754	4	17.263	2623420	20.0
Dibenzothiophene	17.080	13.4	ng	1755980	4	17.263	2623420	20.0
1-Methyldibenzo...	17.845	6.7	ng	881658	4	17.263	2623420	20.0
Anthracene, 2-m...	18.139	21.9	ng	2878230	4	17.263	2623420	20.0
n-Hexadecanoic ...	18.168	13.8	ng	1806180	4	17.263	2623420	20.0
Phenanthrene, 2...	18.192	26.5	ng	3474010	4	17.263	2623420	20.0
Phenanthrene, 1...	18.274	11.4	ng	1493340	4	17.263	2623420	20.0
4H-Cyclopenta[d...	18.339	50.8	ng	6658280	4	17.263	2623420	20.0
1H-Cyclopropa[l...	18.374	12.3	ng	1611440	4	17.263	2623420	20.0
Naphthalene, 2-...	18.645	13.3	ng	1747710	4	17.263	2623420	20.0
9,10-Anthracene...	18.692	5.6	ng	732064	4	17.263	2623420	20.0
Phenanthrene, 1...	18.939	5.3	ng	699545	4	17.263	2623420	20.0
1,3-Diphenyl-3-...	19.068	25.2	ng	3309970	4	17.263	2623420	20.0
Phenanthrene, 2...	19.110	10.8	ng	1422210	4	17.263	2623420	20.0
11H-Benzo[b]flu...	20.186	9.7	ng	6126670	5	21.456	12603800	20.0
Benzo[e]pyrene	23.639	11.6	ng	4390760	6	23.845	7594220	20.0