LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM047359.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.005	353	360	374	rBV	1557916	2371245	8.77%	0.914%
2	6.563	619	625	636	rBV	1491088	2461963	9.10%	0.949%
3	7.346	748	758	767	rBV	1247952	1940723	7.18%	0.748%
4	7.869	841	847	858	rBV	257872	466370	1.72%	0.180%
5	8.493	946	953	967	rBV	1004175	1679377	6.21%	0.647%
6	10.098	1219	1226	1231	rBV	1549040	2563429	9.48%	0.988%
7	10.146	1231	1234	1244	rVB	163525	273857	1.01%	0.106%
8	11.628	1480	1486	1504	rBV	199550	496022	1.83%	0.191%
9	11.922	1531	1536	1545	rVV	156573	342026	1.26%	0.132%
10	12.610	1647	1653	1661	rVB	2535040	3622438	13.39%	1.396%
11	13.722	1836	1842	1850	rVB	1262448	1855220	6.86%	0.715%
12	14.004	1884	1890	1897	rBV	2419847	3553786	13.14%	1.370%
13	14.069	1897	1901	1910	rVB	301745	457431	1.69%	0.176%
14	14.228	1922	1928	1933	rBV	170570	342342	1.27%	0.132%
15	14.410	1955	1959	1964	rVV	203981	286444	1.06%	0.110%
16	15.069	2066	2071	2084	rVB	451405	791446	2.93%	0.305%
17	15.516	2138	2147	2155	rVB	2433600	3500995	12.94%	1.349%
18	15.757	2181	2188	2192	rBV2	566361	1134277	4.19%	0.437%
19	16.322	2280	2284	2286	rBV2	225100	337402	1.25%	0.130%
20	16.351	2286	2289	2293	rVB2	278926	382252	1.41%	0.147%
21	16.433	2298	2303	2311	rVB2	1017283	1573084	5.82%	0.606%
22	16.586	2322	2329	2340	rVB	270697	742698	2.75%	0.286%
23	16.692	2340	2347	2355	rBV2	340269	749231	2.77%	0.289%
24	16.774	2355	2361	2364	rBV	2908891	4218779	15.60%	1.626%
25	16.816	2364	2368	2373	rVB	3866482	5197518	19.22%	2.003%
26	16.904	2378	2383	2389	rVB	3812600	5401215	19.97%	2.082%
27	16.974	2390	2395	2401	rBV3	450561	802258	2.97%	0.309%
28	17.186	2422	2431	2436	rBV2	1832225	3224754	11.92%	1.243%
29	17.298	2446	2450	2456	rVB3	383914	531699	1.97%	0.205%
30	17.369	2458	2462	2467	rVV4	170020	279469	1.03%	0.108%
31	17.651	2504	2510	2514	rBV2	597184	1026635	3.80%	0.396%
32	17.716	2514	2521	2527	rBV2	2827405	4859113	17.97%	1.873%
33	17.780	2528	2532	2537	rVB	792511	1116291	4.13%	0.430%
34	17.845	2537	2543	2548	rBV2	1246038	2457962	9.09%	0.947%
35	17.969	2559	2564	2567	rBV3	399514	644386	2.38%	0.248%
36	18.010	2567	2571	2575	rVV4	370913	575926	2.13%	0.222%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
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Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.051	2575	2578	2585	rVB3	399025	618246	2.29%	0.238%
38	18.157	2593	2596	2600	rVB	539787	660255	2.44%	0.254%
39	18.210	2600	2605	2610	rVB	1634979	2231548	8.25%	0.860%
40	18.410	2637	2639	2645	rVB2	306430	419490	1.55%	0.162%
41	18.463	2645	2648	2651	rVB	328903	376461	1.39%	0.145%
42	18.504	2651	2655	2660	rVB	446934	595156	2.20%	0.229%
43	18.586	2664	2669	2672	rBV	641421	1033848	3.82%	0.398%
44	18.733	2689	2694	2699	rVB	1966431	2792436	10.32%	1.076%
45	18.857	2708	2715	2720	rBV	14685653	20180382	74.62%	7.778%
46	18.927	2724	2727	2729	rBV2	309556	374757	1.39%	0.144%
47	18.957	2729	2732	2736	rVB	585002	718961	2.66%	0.277%
48	19.010	2737	2741	2746	rBV2	1747881	2291447	8.47%	0.883%
49	19.092	2749	2755	2759	rVV3	721270	1272460	4.70%	0.490%
50	19.227	2768	2778	2787	rBV	15923290	27045479	100.00%	10.424%
51	19.298	2787	2790	2797	rVB2	721508	1402221	5.18%	0.540%
52	19.410	2804	2809	2811	rBV	1072731	1585967	5.86%	0.611%
53	19.439	2811	2814	2817	rVV	3986924	4916530	18.18%	1.895%
54	19.474	2817	2820	2825	rVB	3181713	4300460	15.90%	1.657%
55	19.557	2829	2834	2840	rBV6	1278487	2762245	10.21%	1.065%
56	19.610	2840	2843	2847	rVV	496746	569872	2.11%	0.220%
57	19.692	2852	2857	2860	rBV4	1740133	3253633	12.03%	1.254%
58	19.727	2861	2863	2868	rVB2	2198859	2538725	9.39%	0.978%
59	19.780	2869	2872	2876	rBV	800945	1135512	4.20%	0.438%
60	19.827	2877	2880	2884	rBV2	1526481	1793305	6.63%	0.691%
61	19.886	2884	2890	2894	rBV4	2200041	3765045	13.92%	1.451%
62	20.027	2909	2914	2917	rBV	1419948	2017996	7.46%	0.778%
63	20.068	2918	2921	2926	rVV3	888880	1398177	5.17%	0.539%
64	20.251	2949	2952	2955	rBV2	671710	745000	2.75%	0.287%
65	20.486	2988	2992	2998	rBV	2178728	2872120	10.62%	1.107%
66	20.574	3005	3007	3012	rVB	728758	826597	3.06%	0.319%
67	20.651	3015	3020	3023	rBV2	1910769	2846173	10.52%	1.097%
68	20.686	3023	3026	3028	rBV	1611549	2080918	7.69%	0.802%
69	20.792	3041	3044	3048	rVB	1681455	2042720	7.55%	0.787%
70	21.010	3076	3081	3087	rBV2	6079288	13868625	51.28%	5.345%
71	21.062	3087	3090	3101	rVB	8890735	12728487	47.06%	4.906%
72	21.186	3107	3111	3114	rBV2	997921	1403182	5.19%	0.541%
73	21.362	3137	3141	3143	rBV	789574	1157426	4.28%	0.446%
74	21.433	3149	3153	3157	rBV2	634037	863800	3.19%	0.333%
75	21.580	3175	3178	3181	rBV2	638196	912250	3.37%	0.352%
76	21.645	3187	3189	3194	rVB	1335634	1668162	6.17%	0.643%

LSC Area Percent Report

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Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-SOIL-PILE

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-BM082624.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

77	21.727	3196	3203	3207	rVB2	931238	2232623	8.26%	0.860%
78	21.874	3224	3228	3231	rBV2	823638	1136338	4.20%	0.438%
79	22.221	3284	3287	3292	rBV	524082	770419	2.85%	0.297%
80	22.892	3391	3401	3406	rBV	7186641	19952566	73.77%	7.690%
81	23.086	3430	3434	3441	rVB	1001102	1827038	6.76%	0.704%
82	23.474	3493	3500	3511	rVB	3742207	9182895	33.95%	3.539%
83	23.598	3514	3521	3531	rVV2	3312649	7669996	28.36%	2.956%
84	23.715	3533	3541	3547	rVV2	1630888	4509234	16.67%	1.738%
85	23.780	3548	3552	3565	rVB2	974509	2676617	9.90%	1.032%
86	26.715	4044	4051	4067	rVB2	1628601	5974149	22.09%	2.302%
87	26.874	4069	4078	4091	rVB3	1481902	5208151	19.26%	2.007%

Sum of corrected areas: 259466163

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
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Instrument :
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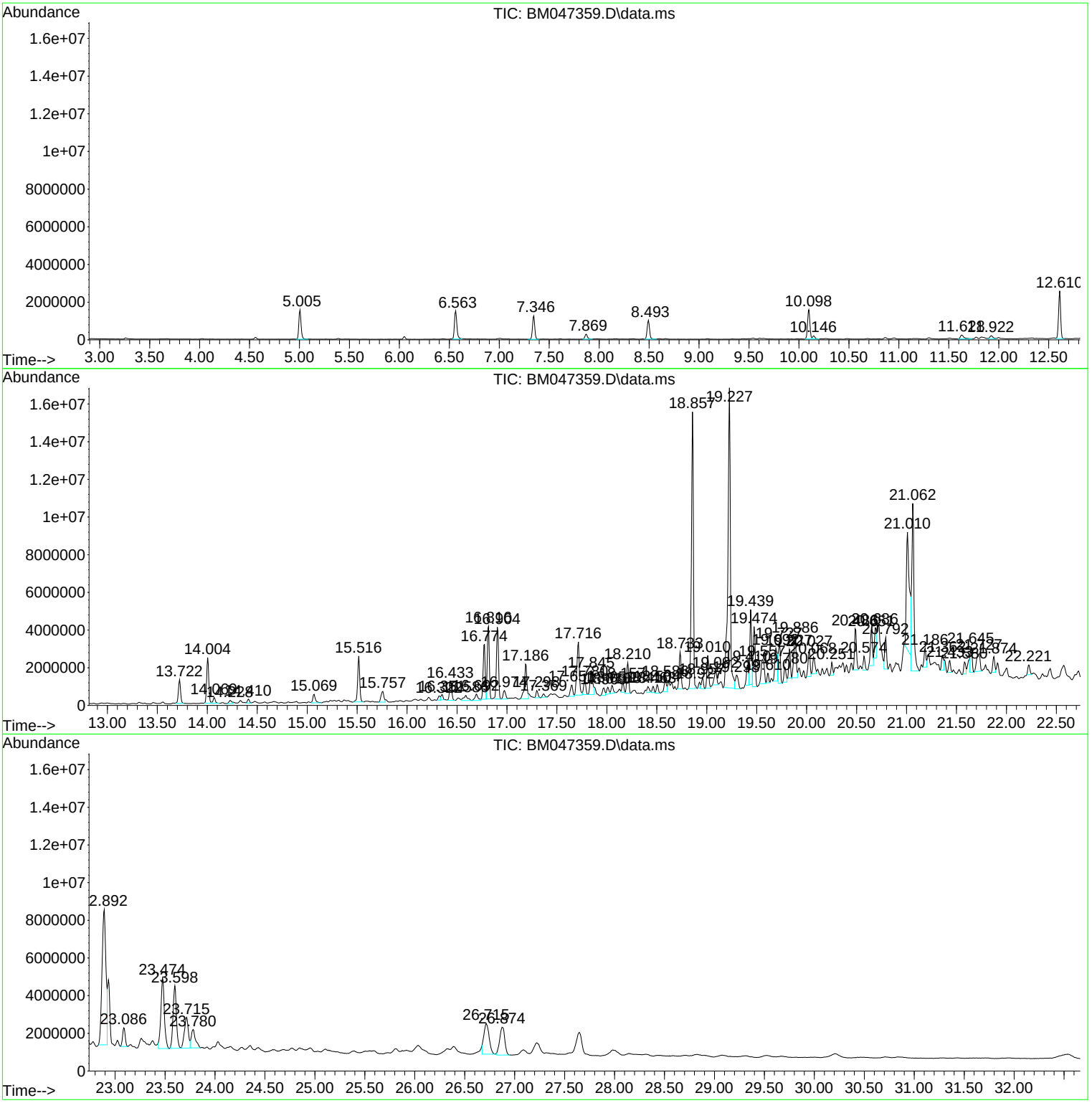
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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\BM082724\
Data File : BM047359.D
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Operator : RC/JU
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
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TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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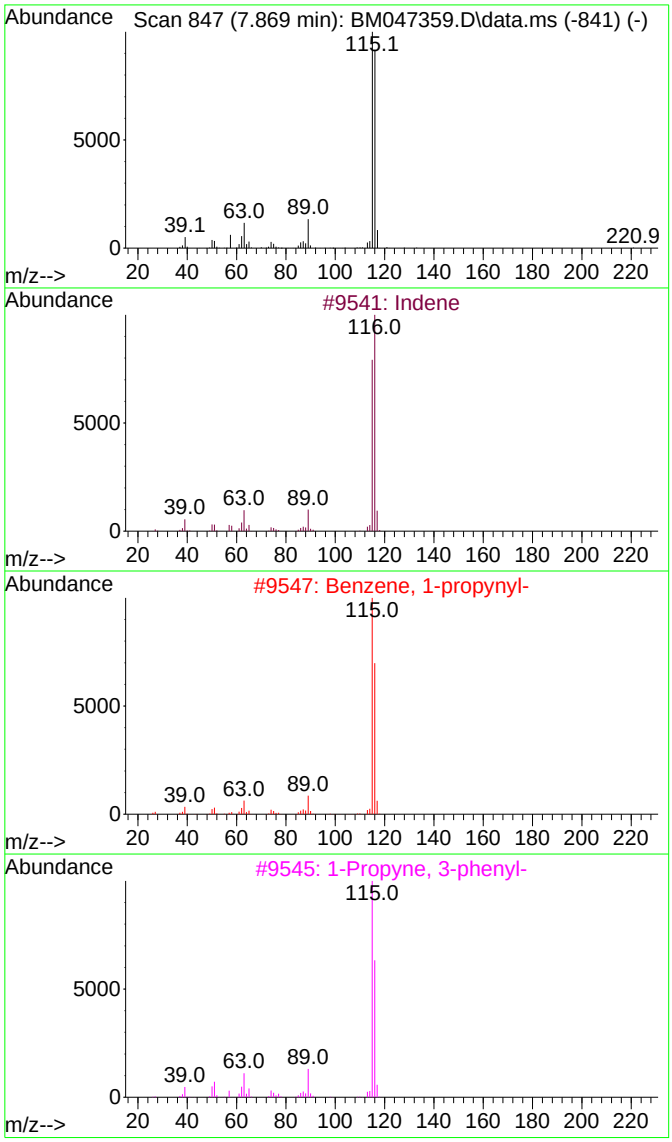
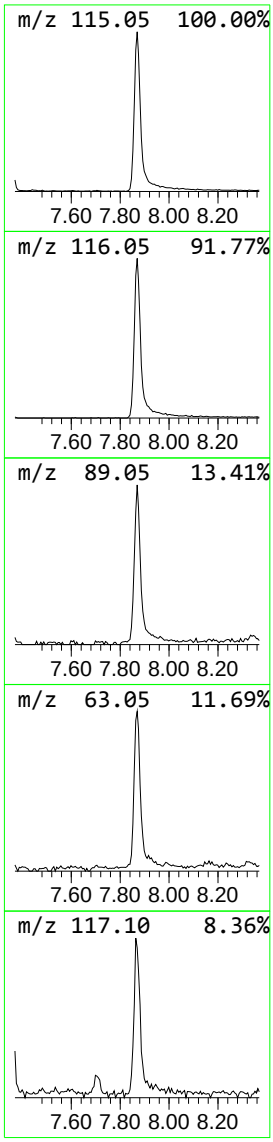
Peak Number 1 Indene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.869	4.81 ng	466370	1,4-Dichlorobenzene-d4	7.346

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indene	116	C9H8	000095-13-6	97
2	Benzene, 1-propynyl-	116	C9H8	000673-32-5	94
3	1-Propyne, 3-phenyl-	116	C9H8	010147-11-2	94
4	3-Methylphenylacetylene	116	C9H8	000766-82-5	91
5	2-Methylphenylacetylene	116	C9H8	000766-47-2	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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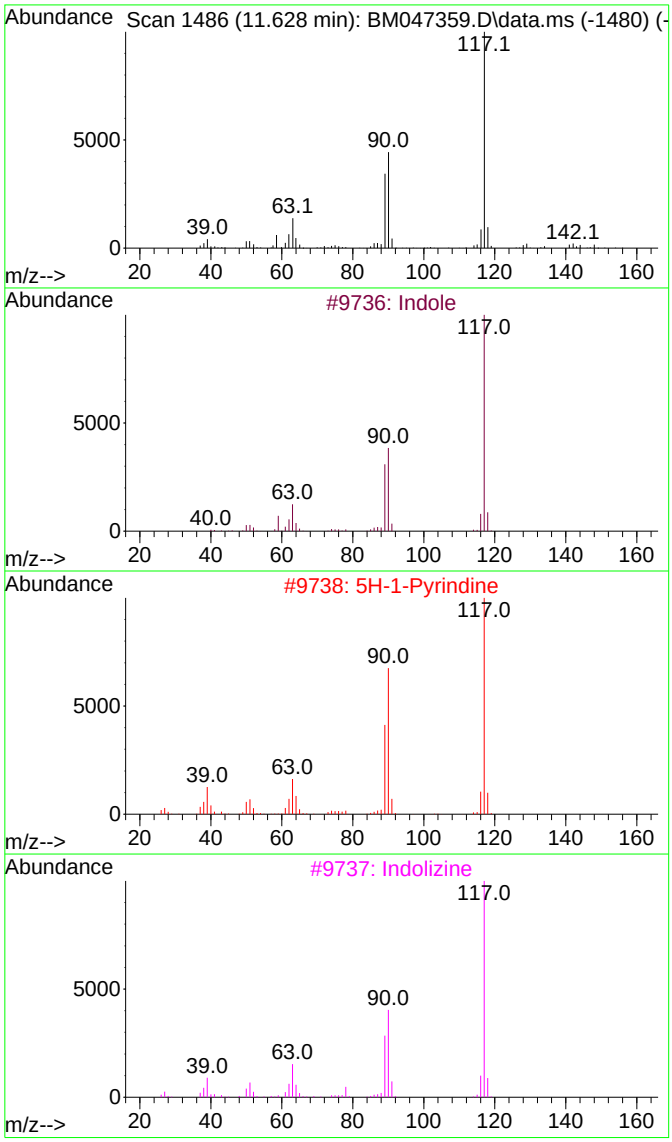
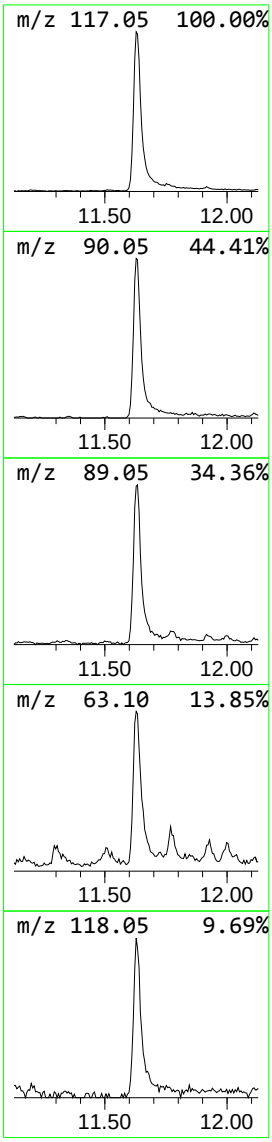
Peak Number 2 Indole Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.628	3.87 ng	496022	Naphthalene-d8	10.098

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indole	117	C8H7N	000120-72-9	97
2	5H-1-Pyrindine	117	C8H7N	000270-91-7	91
3	Indolizine	117	C8H7N	000274-40-8	91
4	Benzyl nitrile	117	C8H7N	000140-29-4	91
5	Benzonitrile, 2-methyl-	117	C8H7N	000529-19-1	91





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Data File : BM047359.D
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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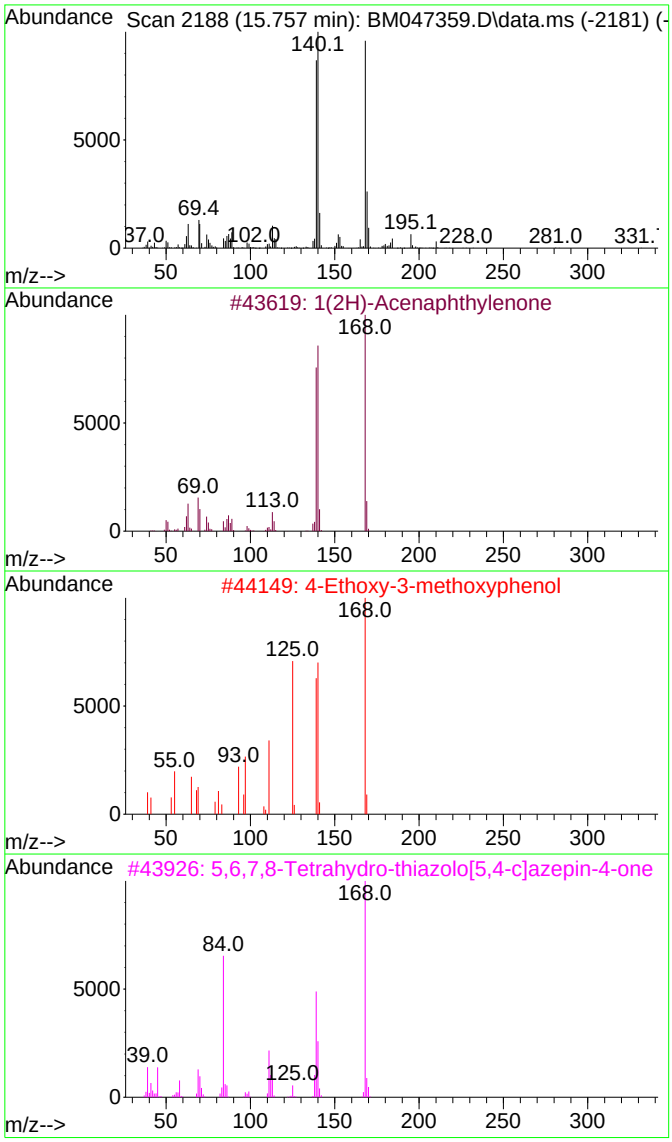
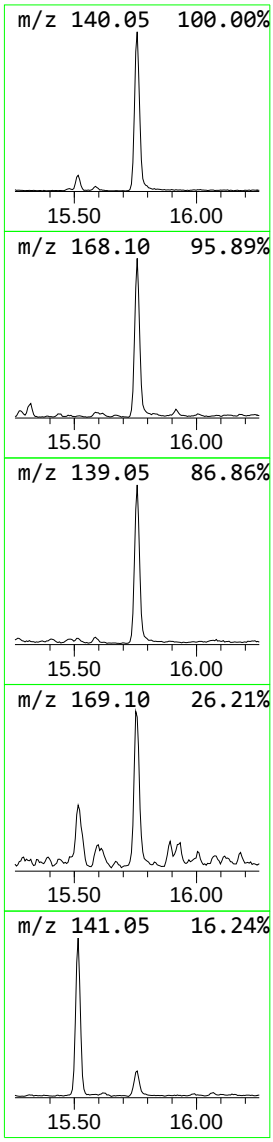
Peak Number 3 1(2H)-Acenaphthylenone Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.757	5.38 ng	1134280	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1(2H)-Acenaphthylenone	168	C12H8O	002235-15-6	95
2	4-Ethoxy-3-methoxyphenol	168	C9H12O3	065383-58-6	64
3	5,6,7,8-Tetrahydro-thiazolo[5,4-...	168	C7H8N2OS	1000317-75-4	50
4	1H-Inden-1-one, 4,7-difluoro-2,3...	168	C9H6F2O	130408-16-1	50
5	Cyclobuta[de]naphthalene	140	C11H8	024973-91-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
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Misc :
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Instrument :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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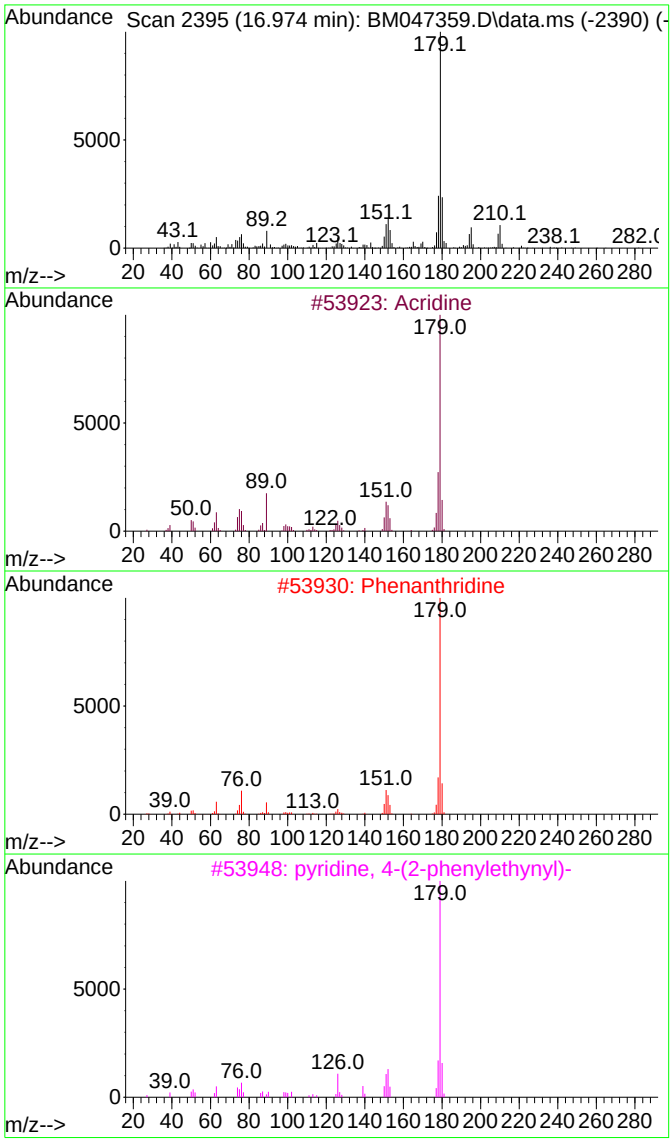
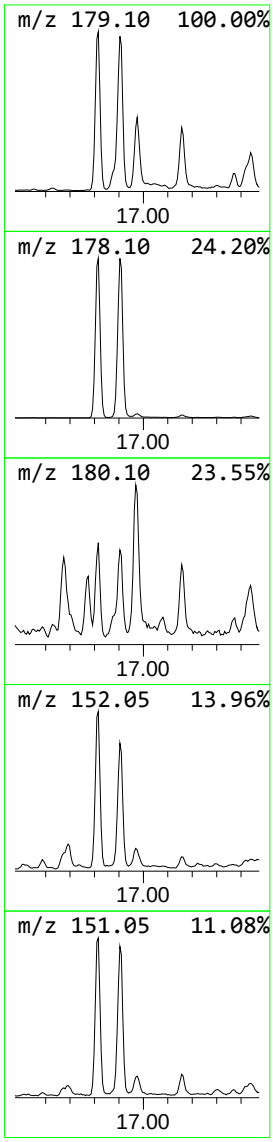
Peak Number 4 Acridine Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	3.80 ng	802258	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acridine	179	C13H9N	000260-94-6	93
2	Phenanthridine	179	C13H9N	000229-87-8	89
3	pyridine, 4-(2-phenylethynyl)-	179	C13H9N	1000404-81-1	89
4	Benzo[h]quinoline	179	C13H9N	000230-27-3	89
5	Benzo[f]quinoline	179	C13H9N	000085-02-9	76





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Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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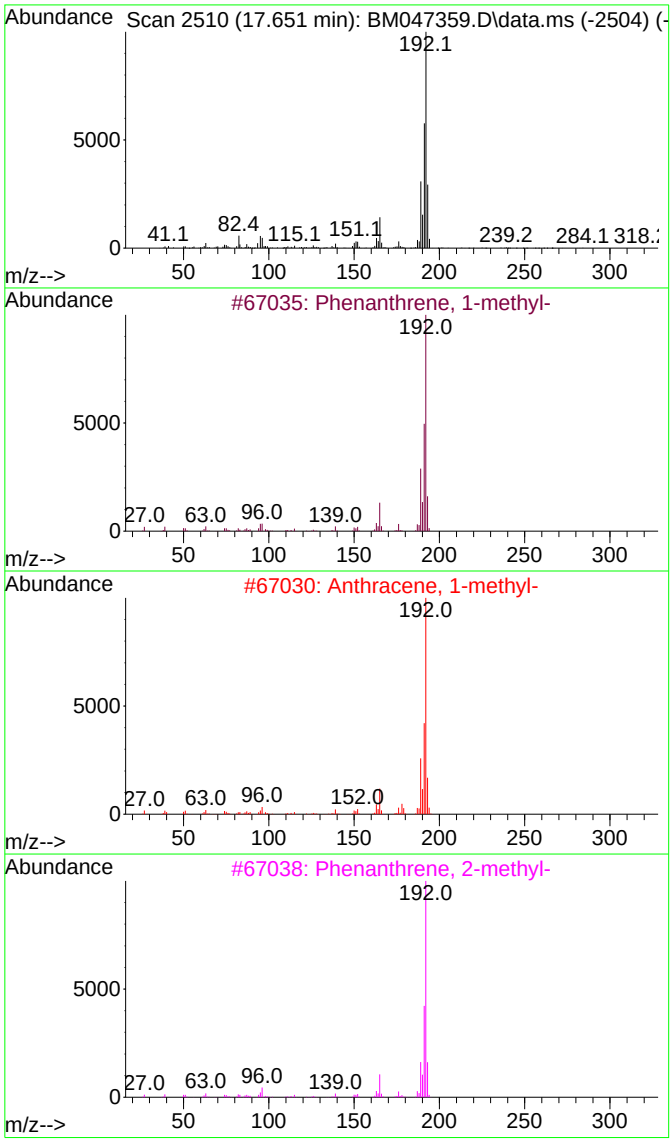
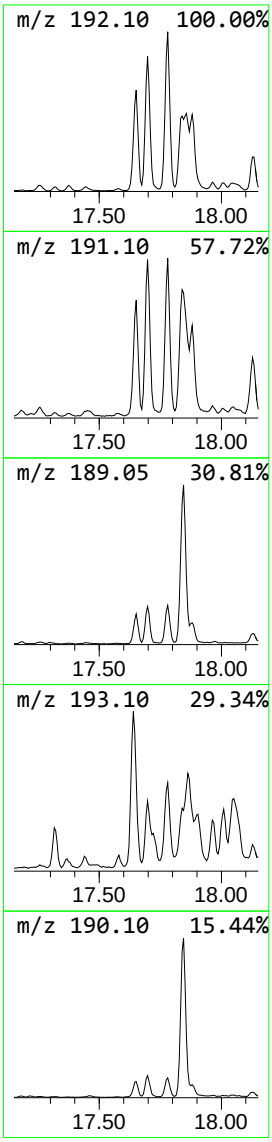
Peak Number 5 Phenanthrene, 1-methyl- Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.651	4.87 ng	1026640	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	94
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
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Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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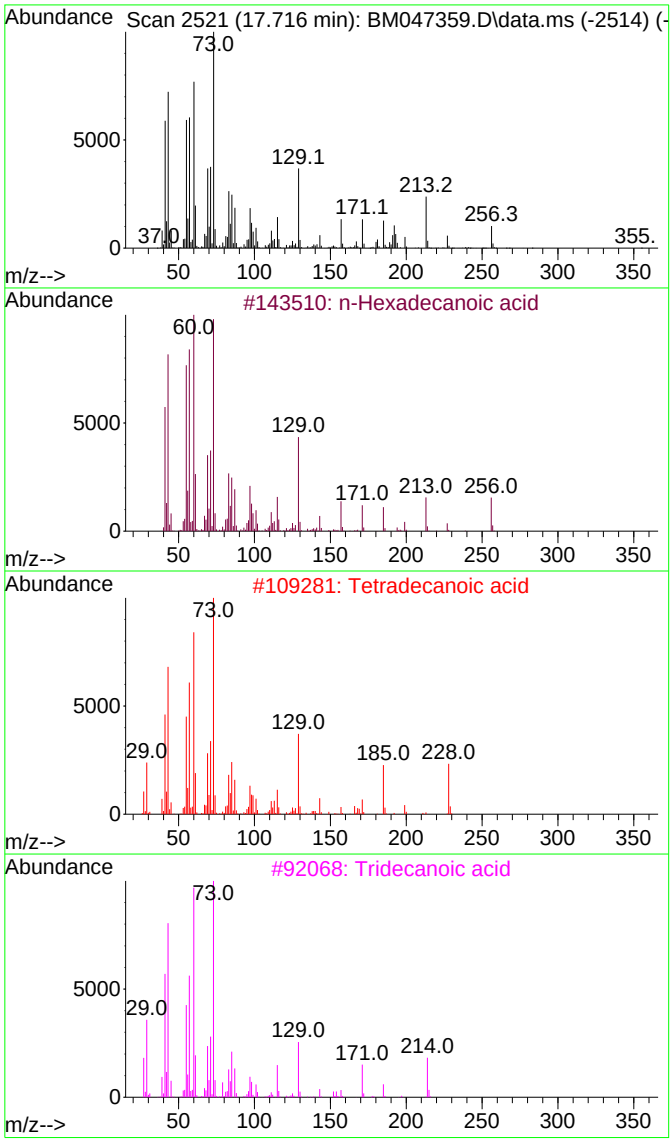
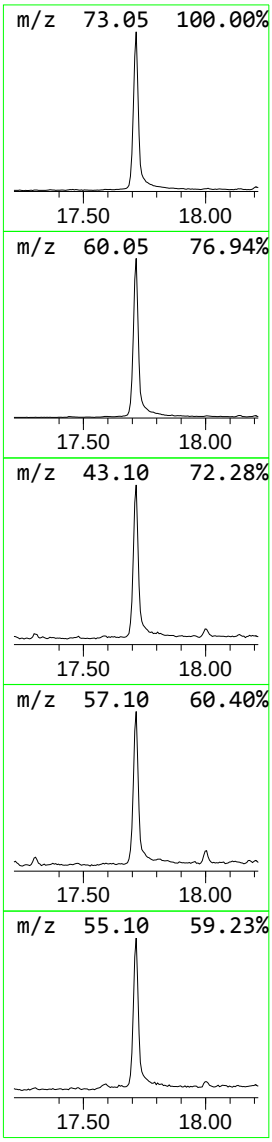
Peak Number 6 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.716	23.04 ng	4859110	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
3	Tridecanoic acid	214	C13H26O2	000638-53-9	93
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	76
5	Isopropyl palmitate	298	C19H38O2	000142-91-6	47





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Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
MOO-SOIL-PILE

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

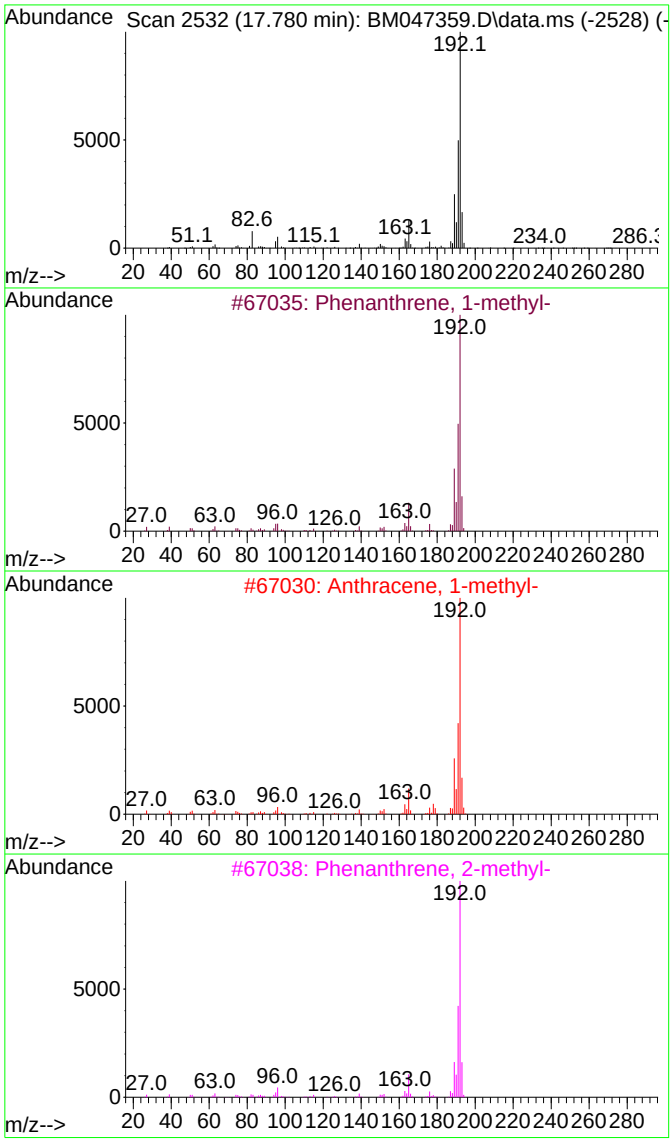
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

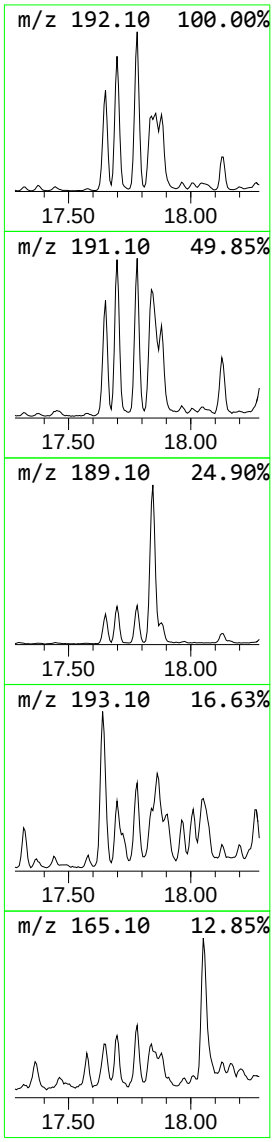
****

Peak Number 7 Anthracene, 1-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.780	5.29 ng	1116290	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	96
2	Anthracene, 1-methyl-	192	C15H12	000610-48-0	96
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93





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Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-SOIL-PILE

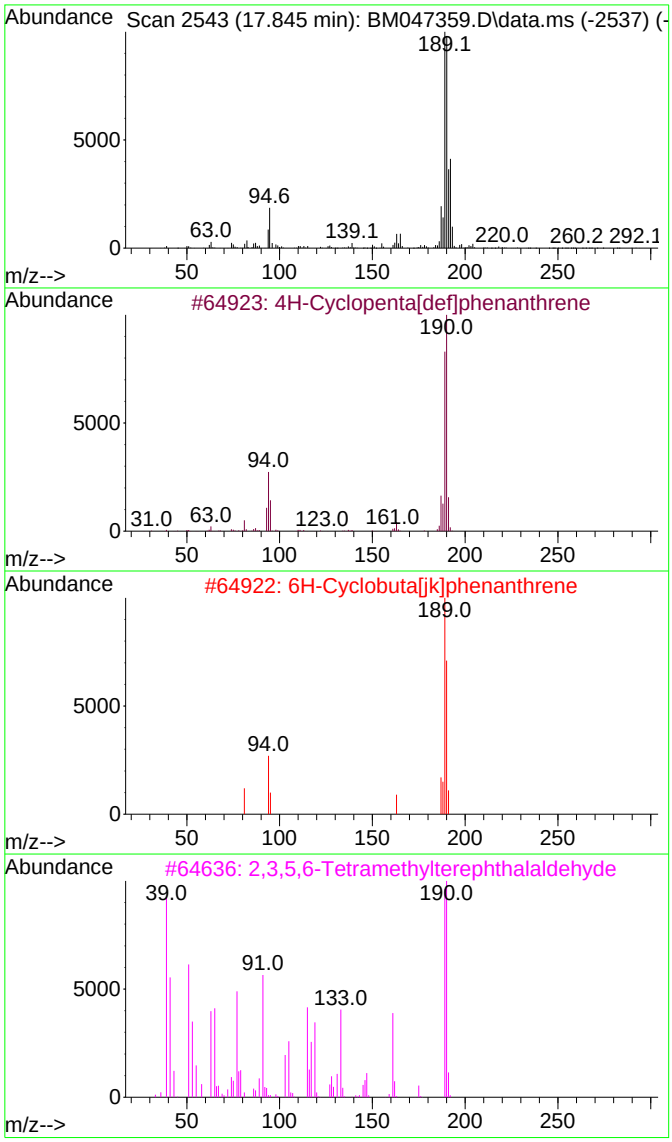
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

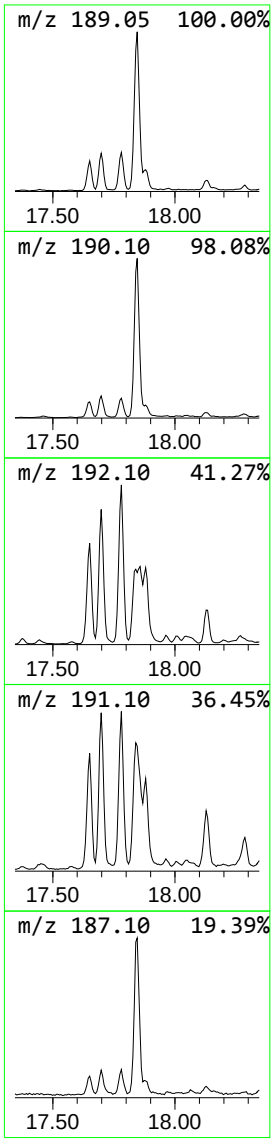
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.845	11.65 ng	2457960	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	59
3	2,3,5,6-Tetramethylterephthalald...	190	C12H14O2	007072-01-7	47
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	40
5	1-Aminocyclopentanecarboxylic ac...	361	C18H32ClNO4	1000329-17-0	35





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
MOO-SOIL-PILE

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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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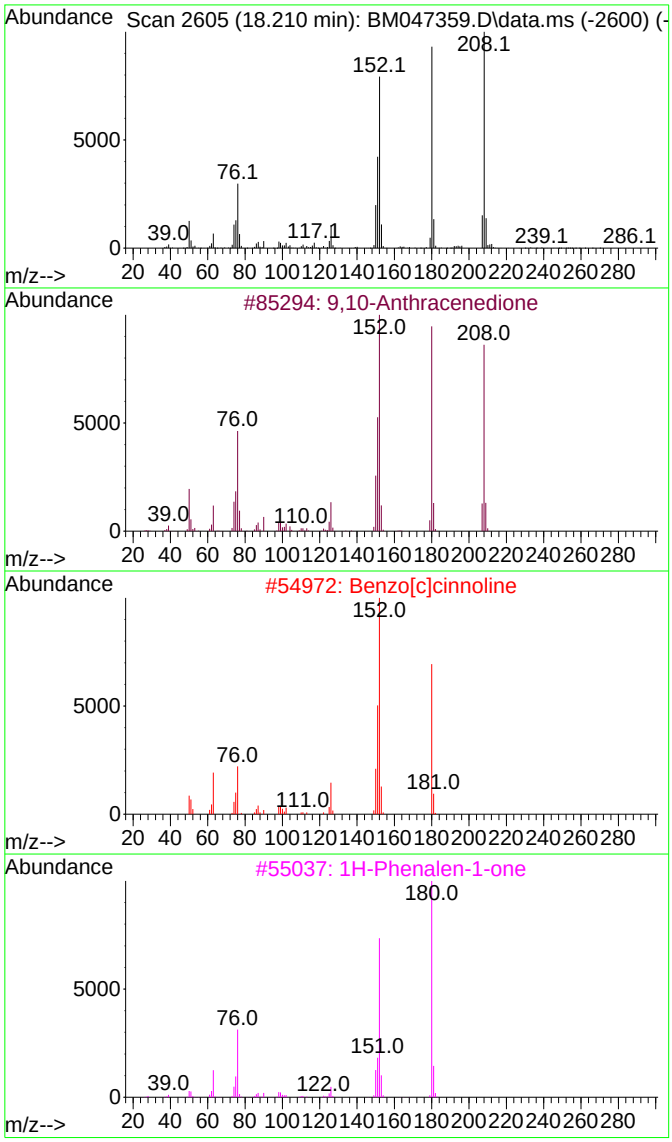
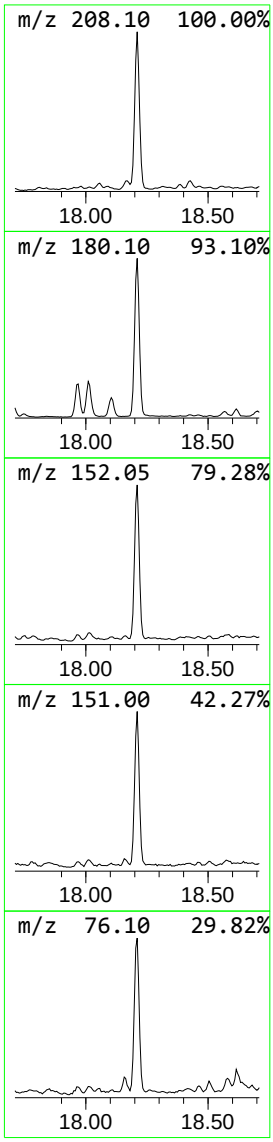
Peak Number 9 9,10-Anthracenedione Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.210	10.58 ng	2231550	Phenanthrene-d10	16.775

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	70
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	60
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	53
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	53





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Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-SOIL-PILE

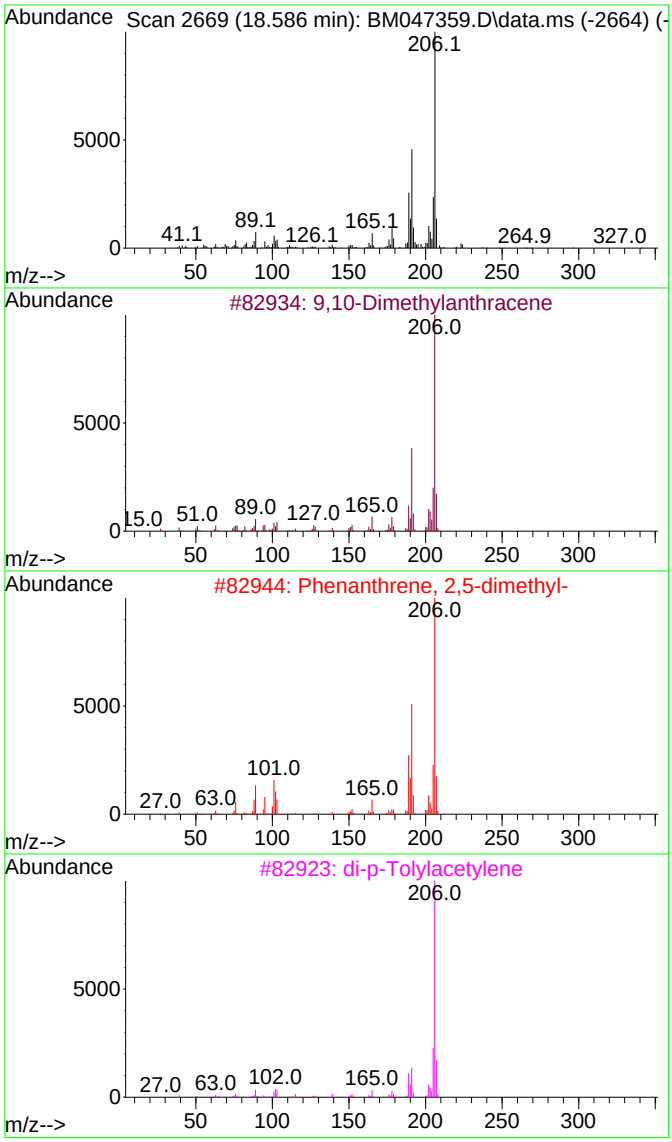
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

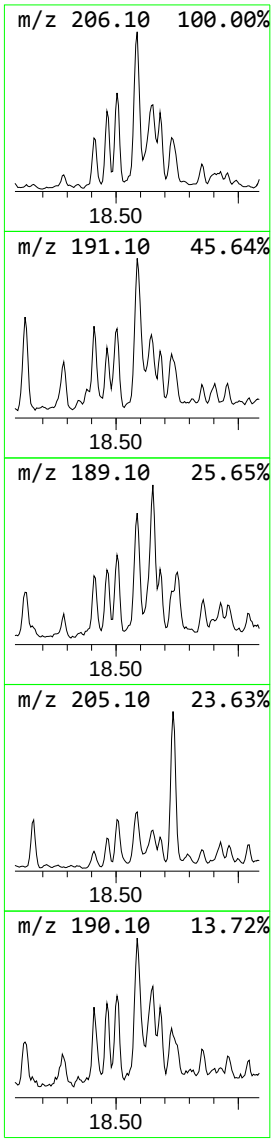
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.586	4.90 ng	1033850	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
3	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
4	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
5	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	87





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
MOO-SOIL-PILE

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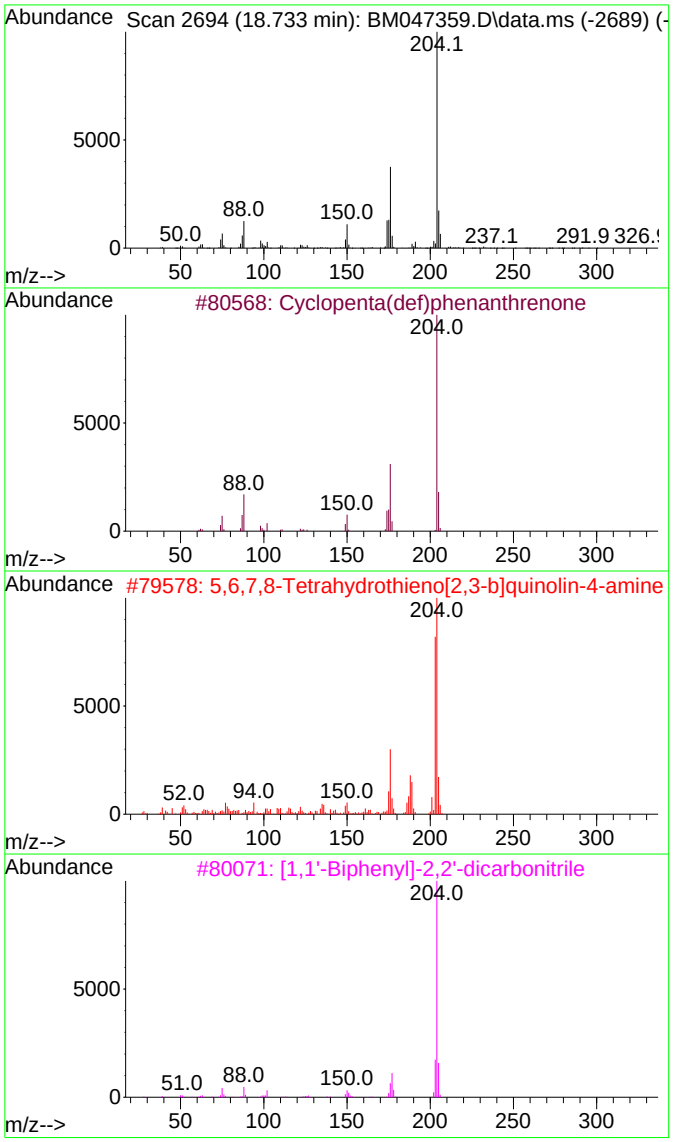
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

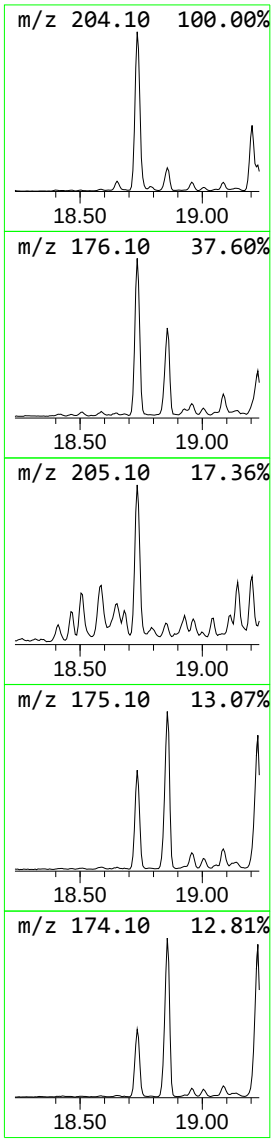
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 Cyclopenta(def)phenanthrenone Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.733	13.24 ng	2792440	Phenanthrene-d10	16.775

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	96
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	80
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
4	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	50
5	Indeno[2,1-a]indene, 5,10-dihydro-	204	C16H12	006543-29-9	50





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Misc :
ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
MOO-SOIL-PILE

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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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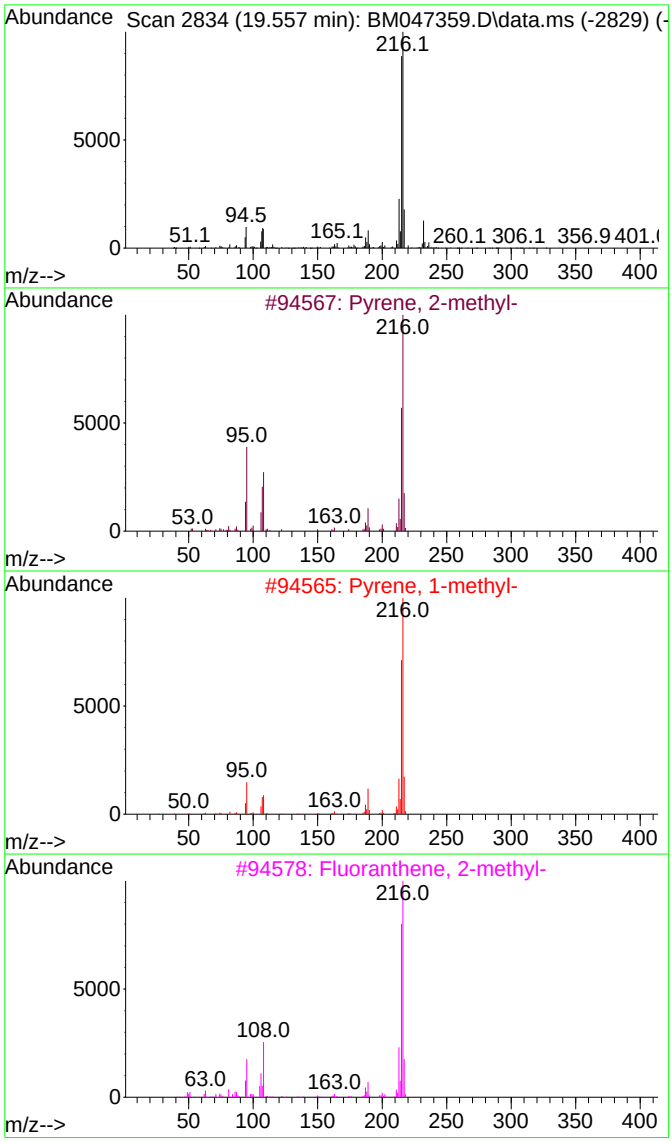
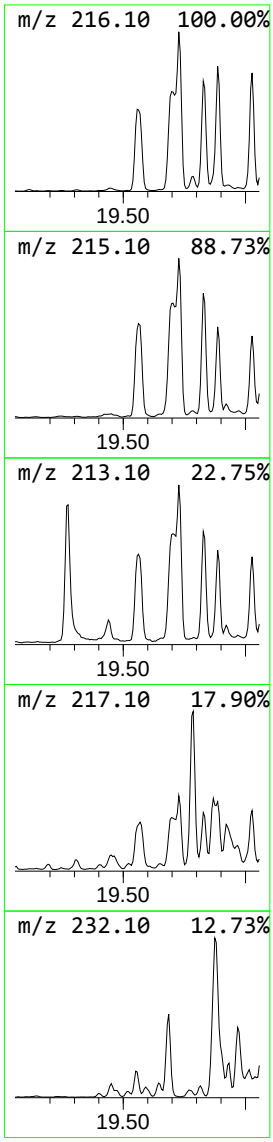
Peak Number 12 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.557	3.98 ng	2762250	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	92
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	90
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
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ClientSampleId :
MOO-SOIL-PILE

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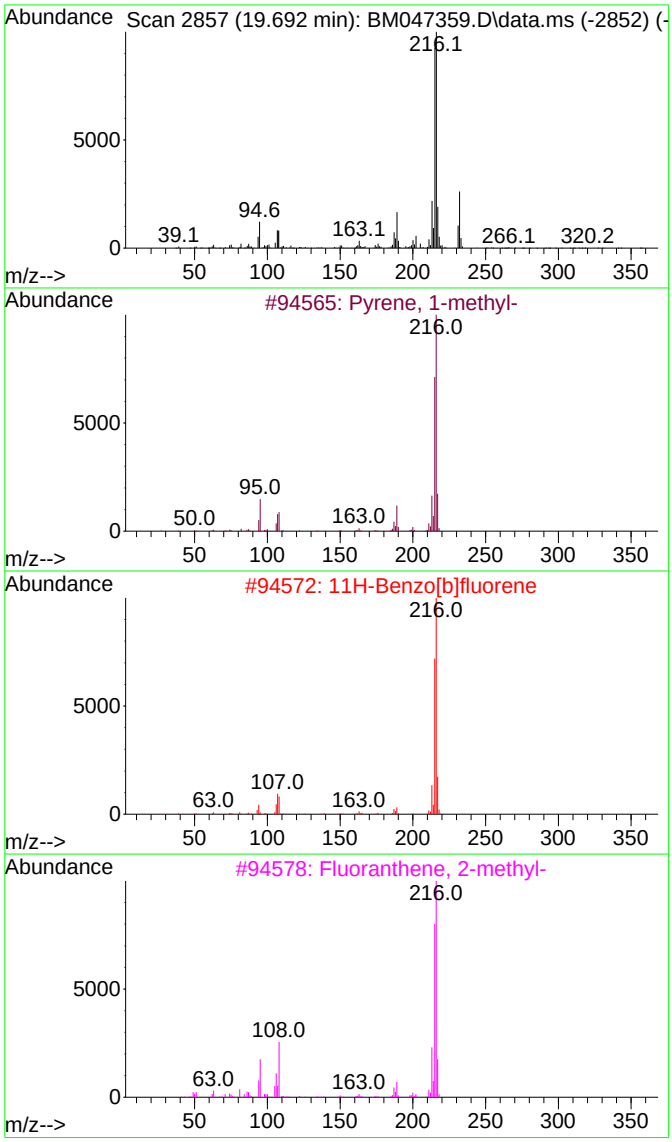
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

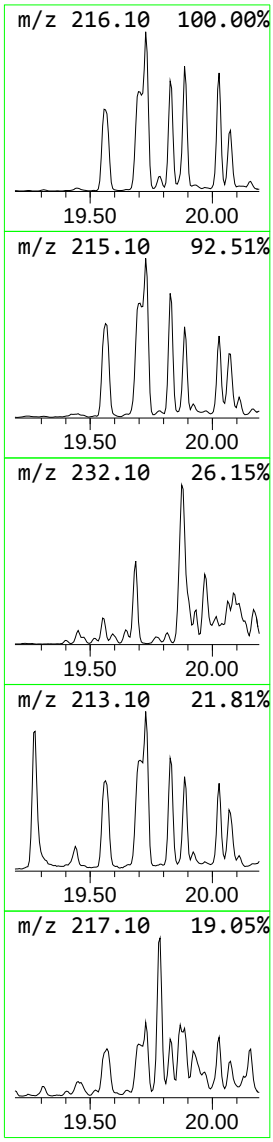
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.692	4.69 ng	3253630	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	91
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	80
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	76
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	68
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	64





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Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

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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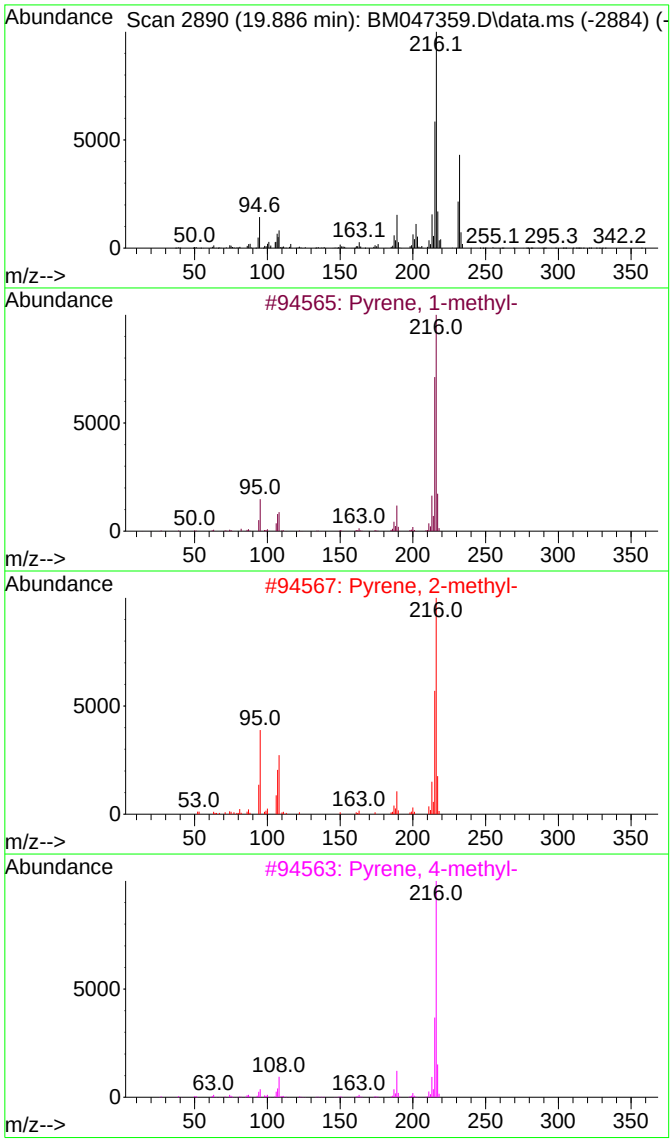
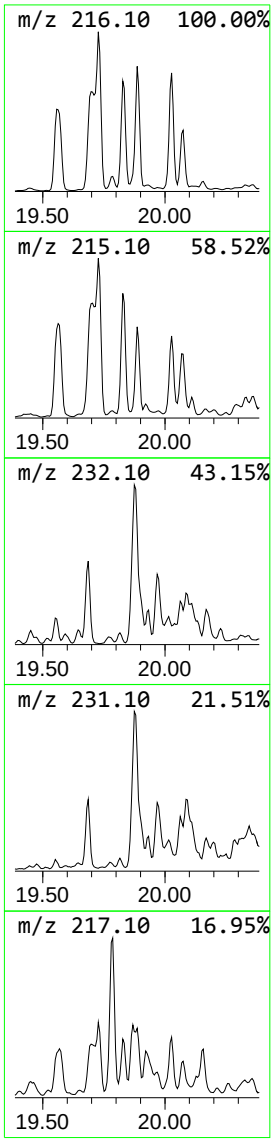
Peak Number 14 Pyrene, 4-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.886	5.43 ng	3765050	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	96
2	Pyrene, 2-methyl-	216	C17H12	003442-78-2	91
3	Pyrene, 4-methyl-	216	C17H12	003353-12-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	78
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	64





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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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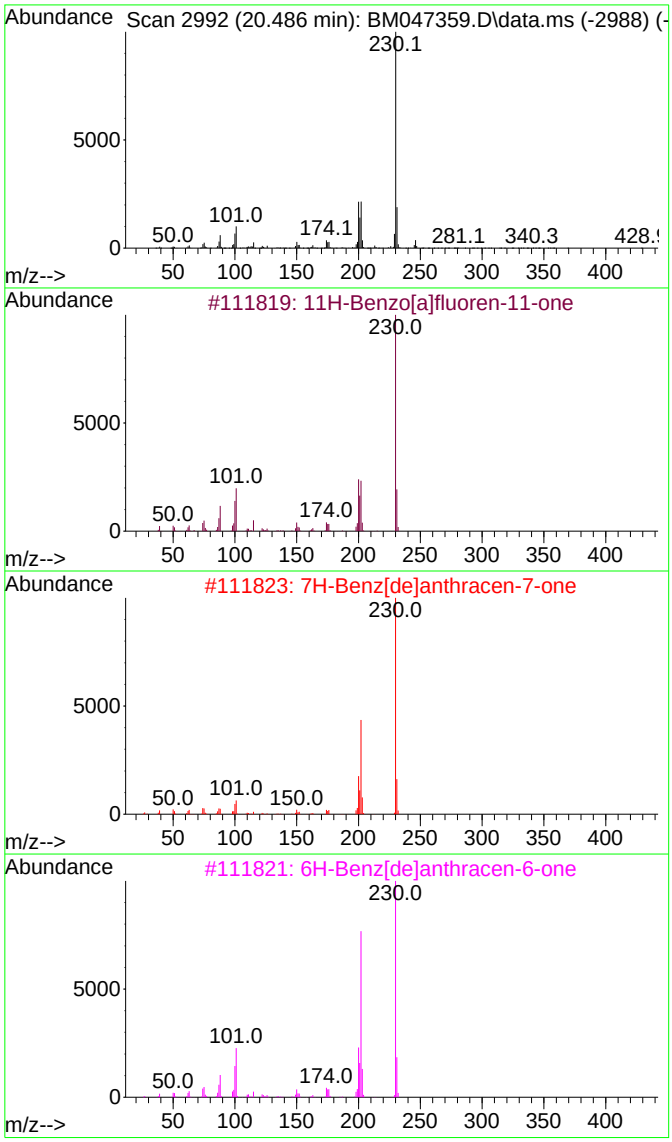
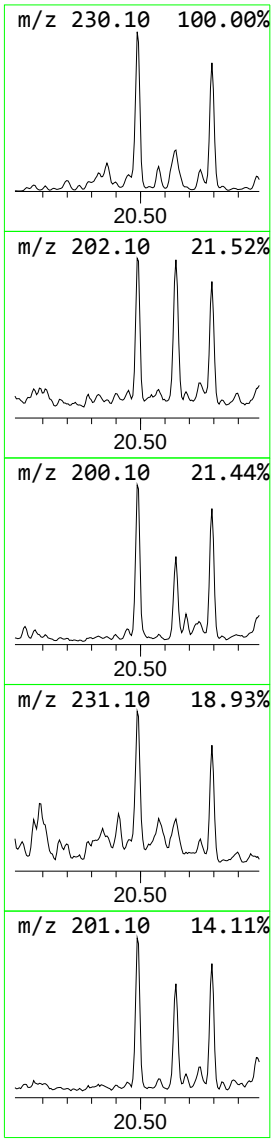
Peak Number 15 11H-Benzo[a]fluoren-11-one Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.486	4.14 ng	2872120	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	96
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	90
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	68
4	o-Terphenyl	230	C18H14	000084-15-1	64
5	4-Pyrenecarbaldehyde	230	C17H10O	022245-51-8	64





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ALS Vial : 6 Sample Multiplier: 1

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ClientSampleId :
MOO-SOIL-PILE

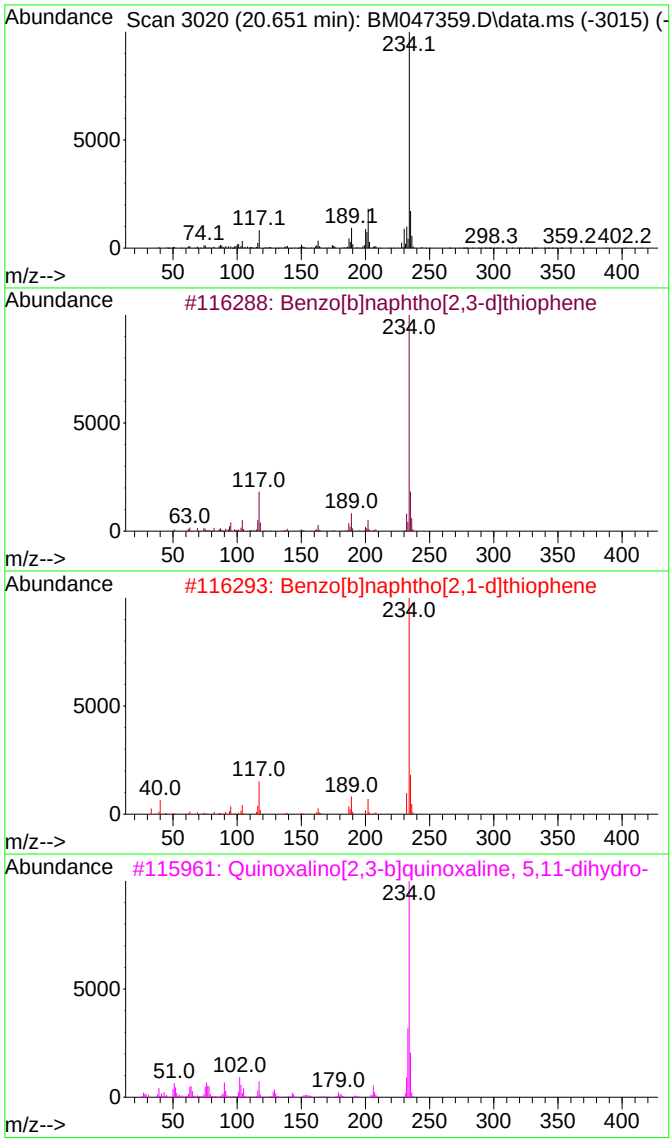
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

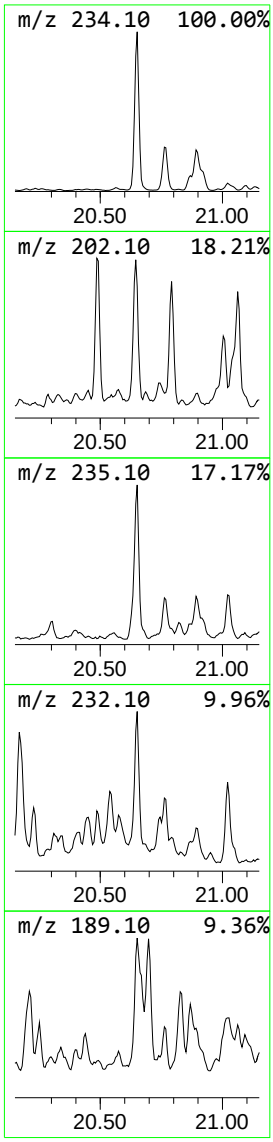
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Benzo[b]naphtho[2,3-d]thiop... Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.651	4.10 ng	2846170	Chrysene-d12	21.021

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	90
2	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	87
3	Quinoxalino[2,3-b]quinoxaline, 5...	234	C14H10N4	000531-46-4	58
4	1,9,12-Trioxa-4,6-diazacyclotetr...	234	C9H18N2O3S	075491-64-4	55
5	2-Amino-6-t-butyl-3-cyano-4,5,6,...	234	C13H18N2S	042159-76-2	52





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TIC Library : C:\Database\NIST20.L
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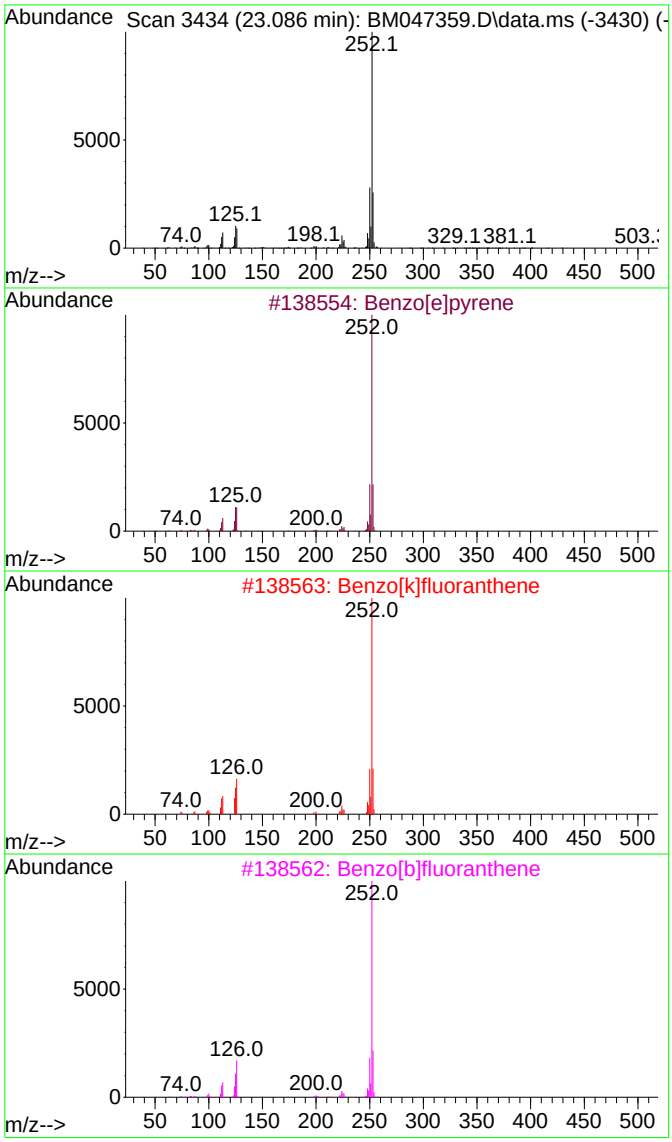
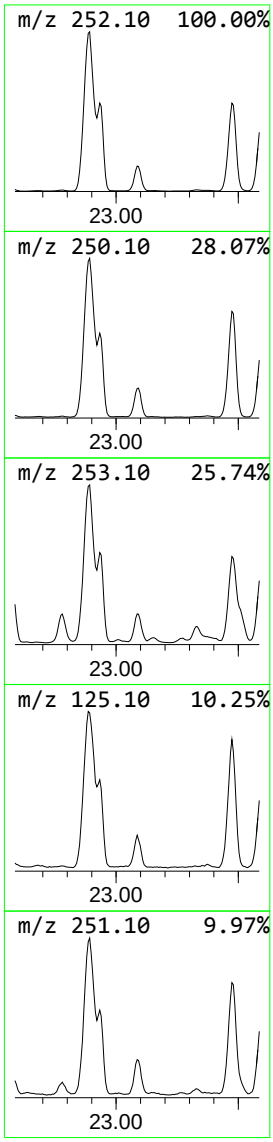
Peak Number 17 Benzo[e]pyrene Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.086	8.10 ng	1827040	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	91
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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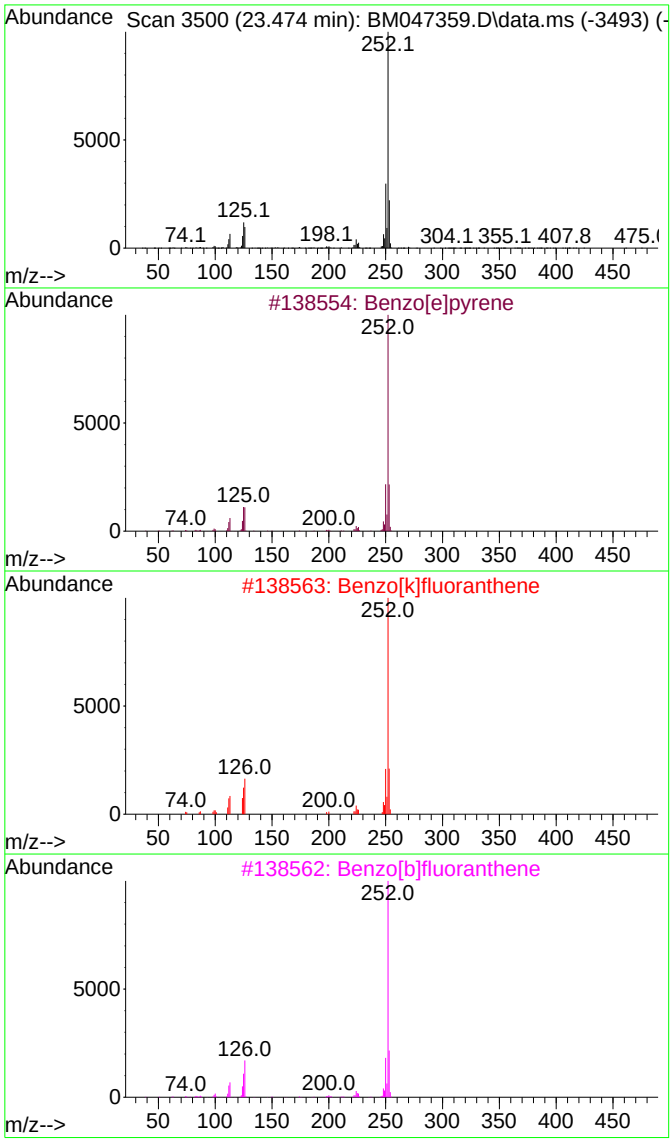
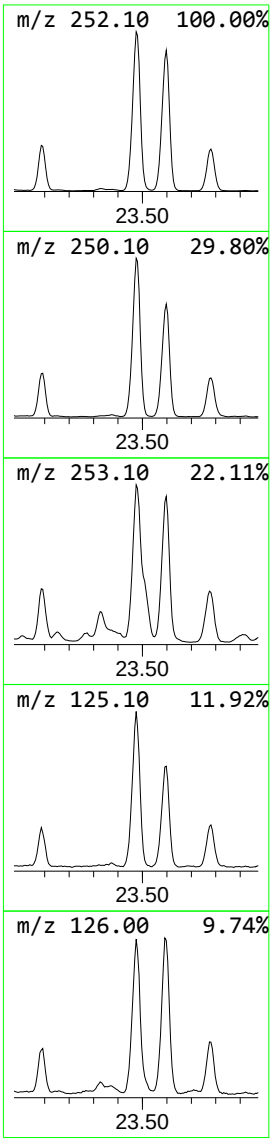
Peak Number 18 Perylene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.474	40.73 ng	9182900	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	96
4	Benzo[a]pyrene	252	C20H12	000050-32-8	95
5	Perylene	252	C20H12	000198-55-0	95





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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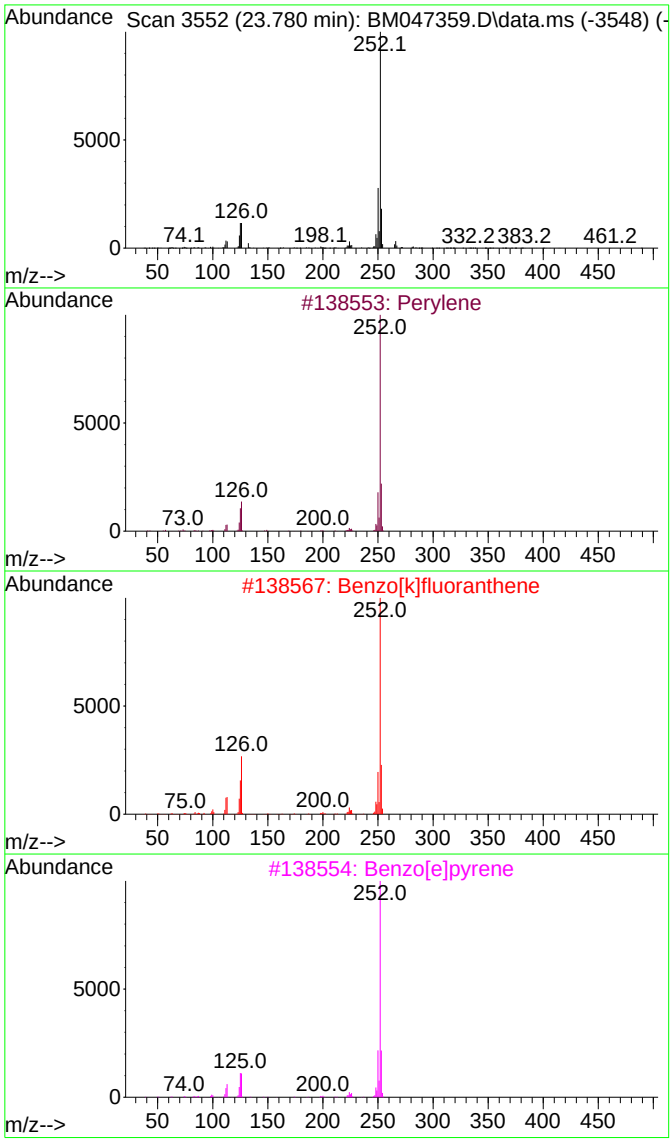
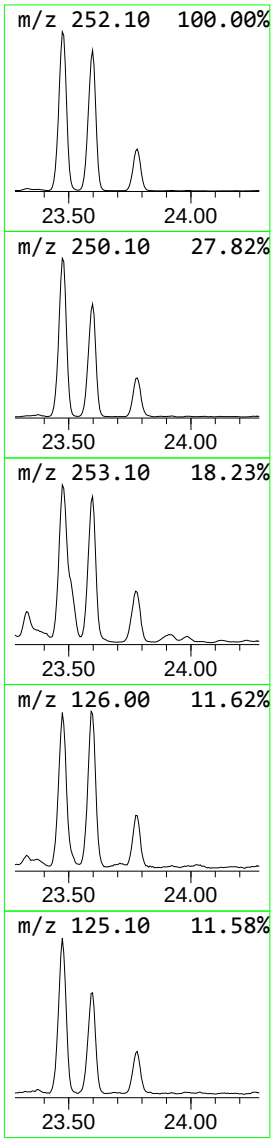
Peak Number 19 unknown23.780 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.780	11.87 ng	2676620	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Perylene	252	C20H12	000198-55-0	95
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	94
3	Benzo[e]pyrene	252	C20H12	000192-97-2	94
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	90
5	Benzo[a]pyrene	252	C20H12	000050-32-8	81





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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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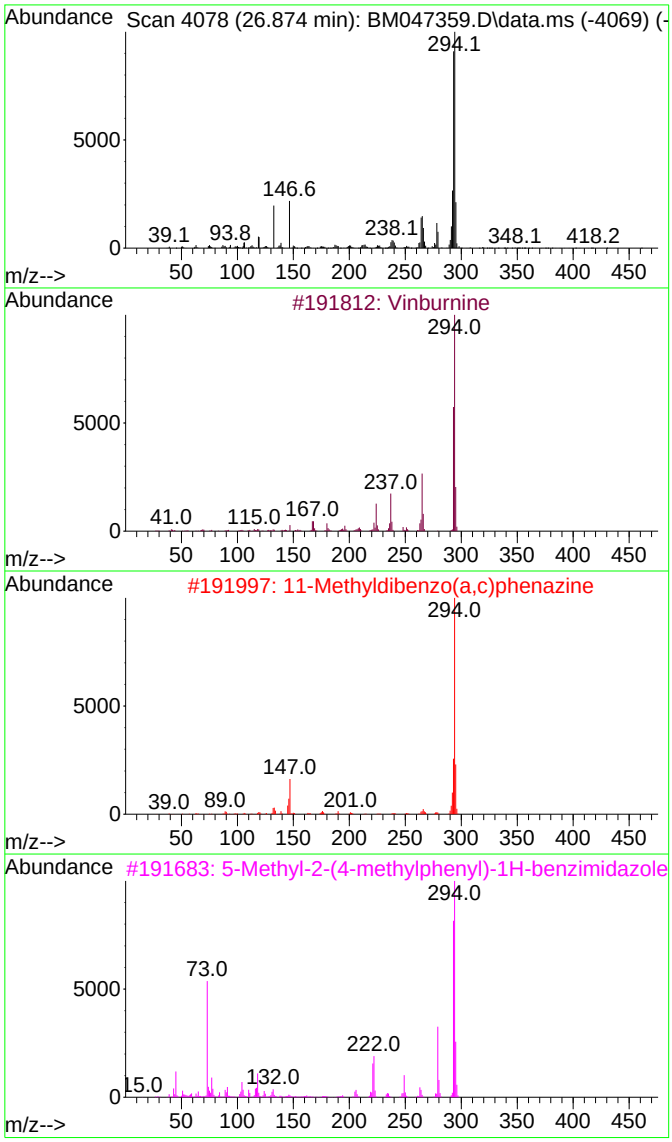
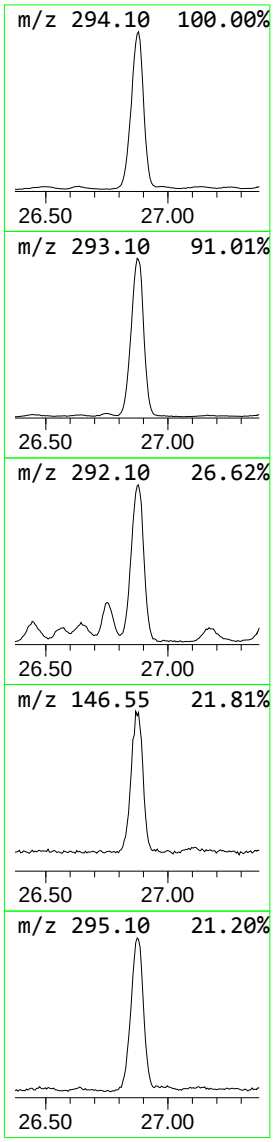
Peak Number 20 unknown26.874 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
26.874	23.10 ng	5208150	Perylene-d12	23.715

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Vinburnine	294	C19H22N2O	004880-88-0	47
2	11-Methyldibenzo(a,c)phenazine	294	C21H14N2	004559-60-8	47
3	5-Methyl-2-(4-methylphenyl)-1H-b...	294	C18H22N2Si	1000468-01-4	42
4	2-Methoxy-7-piperidinophenazine	293	C18H19N3O	021942-88-1	38
5	8H-Cyclopenta[4,5]thieno[3,2-e][...	294	C14H10N6S	1010350-35-5	35





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM082724\
Data File : BM047359.D
Acq On : 27 Aug 2024 11:57
Operator : RC/JU
Sample : P3726-01 2X
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
MOO-SOIL-PILE

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM082624.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
Indene	7.869	4.8	ng	466370	1	7.346	1940720	20.0
Indole	11.628	3.9	ng	496022	2	10.098	2563430	20.0
1(2H)-Acenaphth...	15.757	5.4	ng	1134280	4	16.775	4218780	20.0
Acridine	16.974	3.8	ng	802258	4	16.775	4218780	20.0
Phenanthrene, 1...	17.651	4.9	ng	1026640	4	16.775	4218780	20.0
n-Hexadecanoic ...	17.716	23.0	ng	4859110	4	16.775	4218780	20.0
Anthracene, 1-m...	17.780	5.3	ng	1116290	4	16.775	4218780	20.0
4H-Cyclopenta[d...	17.845	11.7	ng	2457960	4	16.775	4218780	20.0
9,10-Anthracene...	18.210	10.6	ng	2231550	4	16.775	4218780	20.0
9,10-Dimethylan...	18.586	4.9	ng	1033850	4	16.775	4218780	20.0
Cyclopenta(def)...	18.733	13.2	ng	2792440	4	16.775	4218780	20.0
Pyrene, 2-methyl-	19.557	4.0	ng	2762250	5	21.021	13868600	20.0
Pyrene, 1-methyl-	19.692	4.7	ng	3253630	5	21.021	13868600	20.0
Pyrene, 4-methyl-	19.886	5.4	ng	3765050	5	21.021	13868600	20.0
11H-Benzo[a]flu...	20.486	4.1	ng	2872120	5	21.021	13868600	20.0
Benzo[b]naphtho...	20.651	4.1	ng	2846170	5	21.021	13868600	20.0
Benzo[e]pyrene	23.086	8.1	ng	1827040	6	23.715	4509230	20.0
Perylene	23.474	40.7	ng	9182900	6	23.715	4509230	20.0
unknown23.780	23.780	11.9	ng	2676620	6	23.715	4509230	20.0
unknown26.874	26.874	23.1	ng	5208150	6	23.715	4509230	20.0