LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM049974.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.893	318	324	331	rBV	200959	279969	1.30%	0.146%
2	5.357	397	403	423	rVB	1021154	1576604	7.32%	0.820%
3	6.951	666	674	692	rBV	902340	1584860	7.36%	0.825%
4	7.769	806	813	822	rBV	1832537	2871085	13.34%	1.494%
5	8.928	1003	1010	1019	rBV	523855	908054	4.22%	0.472%
6	10.563	1281	1288	1295	rBV	2028033	3415838	15.87%	1.777%
7	12.233	1564	1572	1579	rBV	142261	246700	1.15%	0.128%
8	12.451	1603	1609	1619	rVB	139285	244787	1.14%	0.127%
9	13.033	1701	1708	1719	rBV	1326015	2015693	9.36%	1.049%
10	13.733	1821	1827	1832	rBV	203939	346290	1.61%	0.180%
11	14.133	1889	1895	1907	rBV	477463	837988	3.89%	0.436%
12	14.416	1934	1943	1948	rBV	2869512	4212828	19.57%	2.192%
13	14.474	1948	1953	1963	rVB	717801	1084358	5.04%	0.564%
14	14.810	2005	2010	2019	rVB	745090	1120825	5.21%	0.583%
15	15.463	2115	2121	2132	rVB	2036714	2914178	13.54%	1.516%
16	15.762	2167	2172	2186	rVB3	598539	1191271	5.53%	0.620%
17	15.904	2187	2196	2204	rBV	1500124	2402972	11.16%	1.250%
18	16.110	2226	2231	2244	rVB	705871	1227787	5.70%	0.639%
19	16.468	2282	2292	2296	rBV2	347310	685863	3.19%	0.357%
20	16.692	2323	2330	2334	rBV2	172784	309611	1.44%	0.161%
21	16.815	2347	2351	2358	rVB3	151444	255912	1.19%	0.133%
22	16.892	2359	2364	2371	rVV	191193	392486	1.82%	0.204%
23	16.980	2374	2379	2387	rVB	533552	833316	3.87%	0.434%
24	17.157	2403	2409	2413	rBV2	3092596	4744093	22.04%	2.468%
25	17.204	2413	2417	2423	rVV	11282817	14981190	69.60%	7.794%
26	17.292	2423	2432	2438	rVV	3827432	5361611	24.91%	2.789%
27	17.351	2438	2442	2448	rVB4	162101	297790	1.38%	0.155%
28	17.562	2472	2478	2483	rBV	406367	634308	2.95%	0.330%
29	17.680	2493	2498	2503	rVB2	194426	283025	1.31%	0.147%
30	17.739	2504	2508	2517	rVB4	179067	328569	1.53%	0.171%
31	18.033	2553	2558	2562	rBV	1103899	1640061	7.62%	0.853%
32	18.086	2562	2567	2571	rVB	1514447	2164306	10.06%	1.126%
33	18.162	2576	2580	2585	rVV	724351	975855	4.53%	0.508%
34	18.233	2585	2592	2596	rVV2	2321197	3928184	18.25%	2.044%
35	18.268	2596	2598	2604	rVB	728054	789142	3.67%	0.411%
36	18.533	2639	2643	2648	rBV	817376	1036737	4.82%	0.539%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	18.580	2648	2651	2657	rVB2	205771	282227	1.31%	0.147%
38	18.786	2682	2686	2690	rVB	174593	218621	1.02%	0.114%
39	18.833	2691	2694	2697	rVV	251988	293111	1.36%	0.152%
40	18.868	2697	2700	2704	rVB	187126	243604	1.13%	0.127%
41	18.951	2710	2714	2719	rBV2	492485	836762	3.89%	0.435%
42	19.021	2723	2726	2729	rVB2	210163	270815	1.26%	0.141%
43	19.098	2734	2739	2747	rBV2	393940	759454	3.53%	0.395%
44	19.221	2754	2760	2767	rBV	16687907	21524464	100.00%	11.198%
45	19.315	2773	2776	2780	rVV	252306	335857	1.56%	0.175%
46	19.368	2781	2785	2789	rVV	346557	433086	2.01%	0.225%
47	19.462	2797	2801	2804	rBV	329982	433210	2.01%	0.225%
48	19.550	2811	2816	2818	rBV2	2220231	3194429	14.84%	1.662%
49	19.586	2818	2822	2830	rVV	12309102	16498436	76.65%	8.583%
50	19.650	2830	2833	2840	rVB2	530544	775962	3.61%	0.404%
51	19.780	2848	2855	2859	rBV2	2101126	3223930	14.98%	1.677%
52	19.827	2859	2863	2868	rVB	269095	427542	1.99%	0.222%
53	19.915	2871	2878	2883	rBV3	731314	1891757	8.79%	0.984%
54	20.045	2895	2900	2901	rBV3	543326	834218	3.88%	0.434%
55	20.080	2902	2906	2911	rVB	2525209	3356938	15.60%	1.746%
56	20.180	2918	2923	2927	rBV	2298944	3055030	14.19%	1.589%
57	20.239	2927	2933	2937	rVB2	1006468	1735000	8.06%	0.903%
58	20.374	2953	2956	2960	rBV	487361	606720	2.82%	0.316%
59	20.421	2960	2964	2968	rVB	569938	773420	3.59%	0.402%
60	20.827	3030	3033	3041	rVB	540426	816771	3.79%	0.425%
61	21.003	3059	3063	3066	rBV	764331	1016339	4.72%	0.529%
62	21.039	3066	3069	3073	rVV	849398	1004343	4.67%	0.523%
63	21.086	3073	3077	3082	rVB3	817371	1420751	6.60%	0.739%
64	21.386	3122	3128	3134	rBV3	7835388	16121210	74.90%	8.387%
65	21.444	3134	3138	3150	rVB	5266997	8029394	37.30%	4.177%
66	21.586	3158	3162	3169	rBV	1196108	1884390	8.75%	0.980%
67	21.786	3192	3196	3202	rVB2	560693	1005307	4.67%	0.523%
68	22.086	3244	3247	3252	rVB	800604	1240887	5.77%	0.646%
69	22.156	3255	3259	3265	rVB2	697963	1139395	5.29%	0.593%
70	22.344	3287	3291	3294	rBV2	374070	591117	2.75%	0.308%
71	23.462	3473	3481	3487	rBV	3225811	9427006	43.80%	4.904%
72	23.697	3516	3521	3530	rVB	742880	1629906	7.57%	0.848%
73	24.127	3588	3594	3607	rVB	1806695	4622845	21.48%	2.405%
74	24.268	3610	3618	3629	rVB	2964407	7379639	34.28%	3.839%
75	24.409	3634	3642	3648	rBV	1937435	4754919	22.09%	2.474%

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

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-BM040825.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

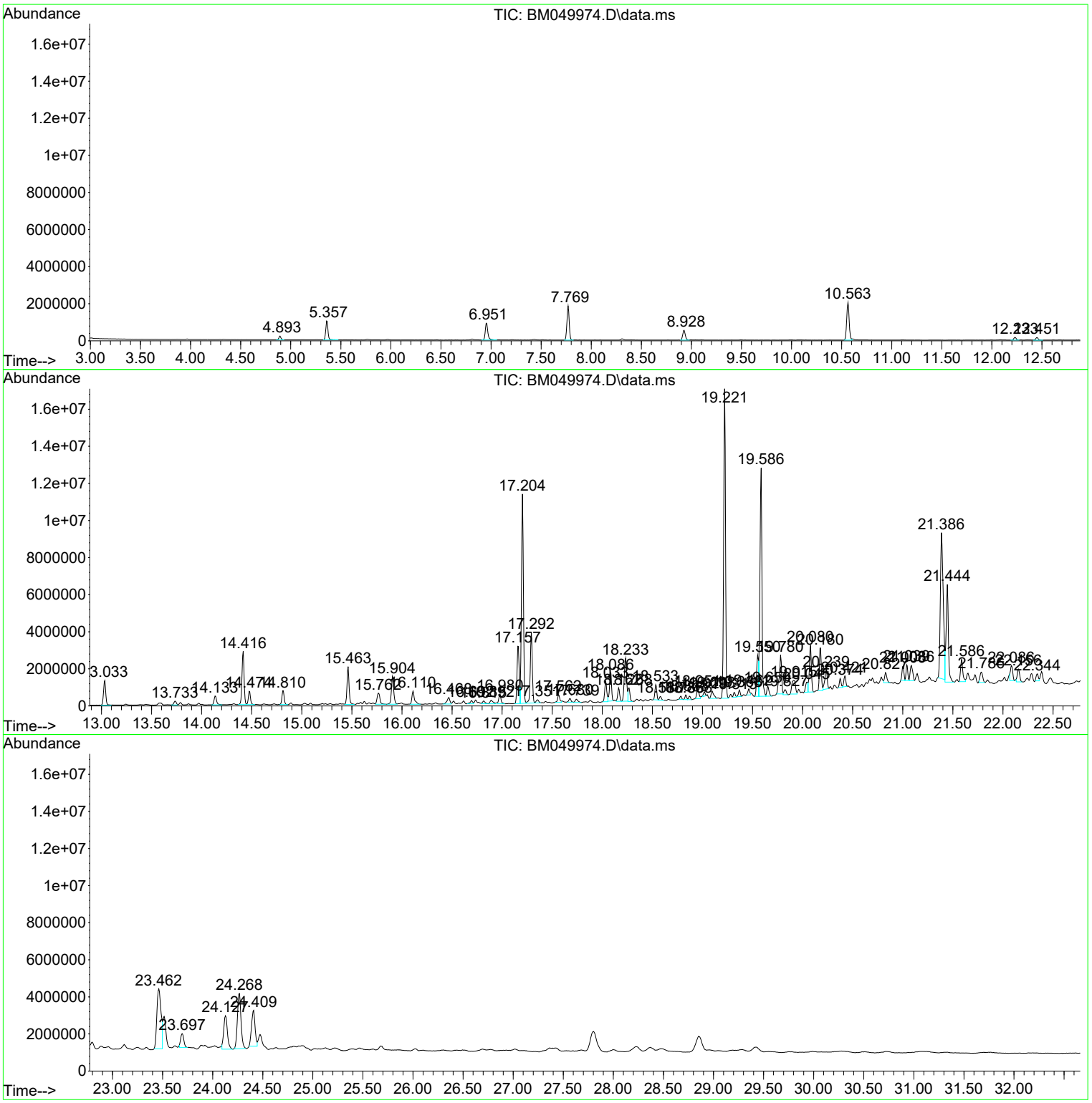
Sum of corrected areas: 192212958

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

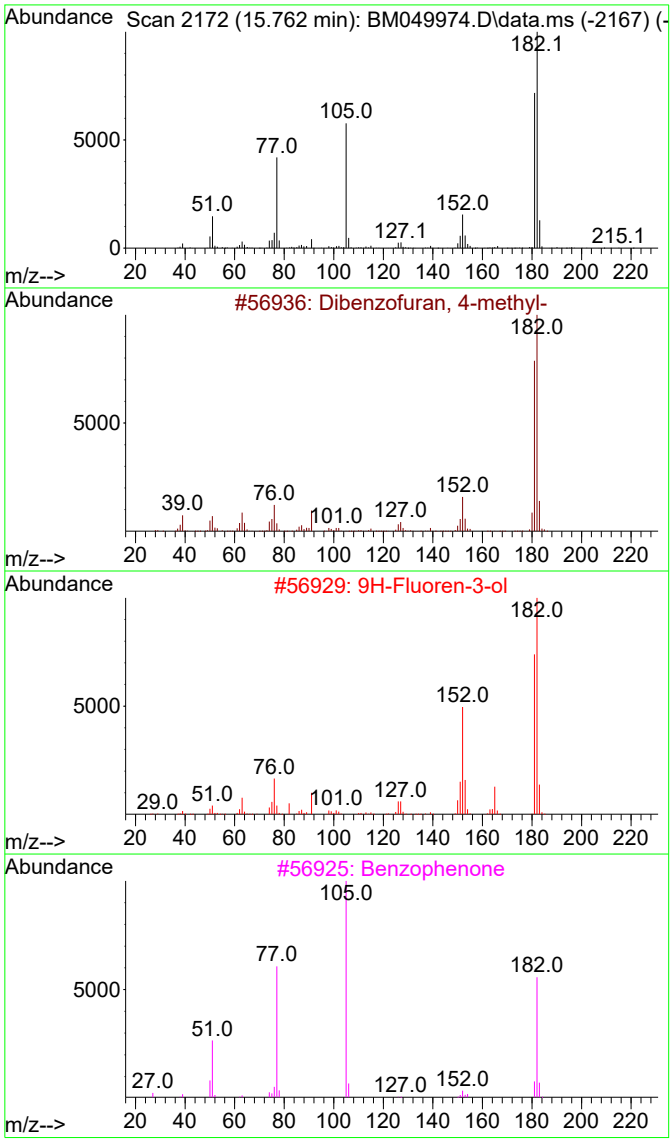
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

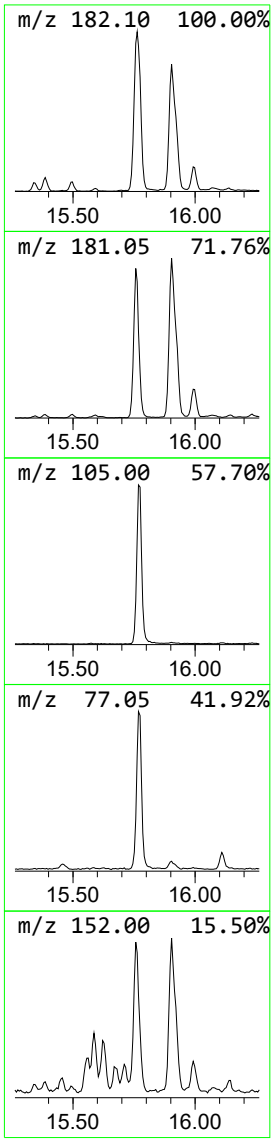
****

Peak Number 1 Dibenzofuran, 4-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.762	5.66 ng	1191270	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzofuran, 4-methyl-	182	C13H10O	007320-53-8	70
2	9H-Fluoren-3-ol	182	C13H10O	006344-67-8	58
3	Benzophenone	182	C13H10O	000119-61-9	53
4	Benzaldehyde, 4-hydroxy-3,5-dime...	182	C9H10O4	000134-96-3	50
5	[1,1'-Biphenyl]-4-carboxaldehyde	182	C13H10O	003218-36-8	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

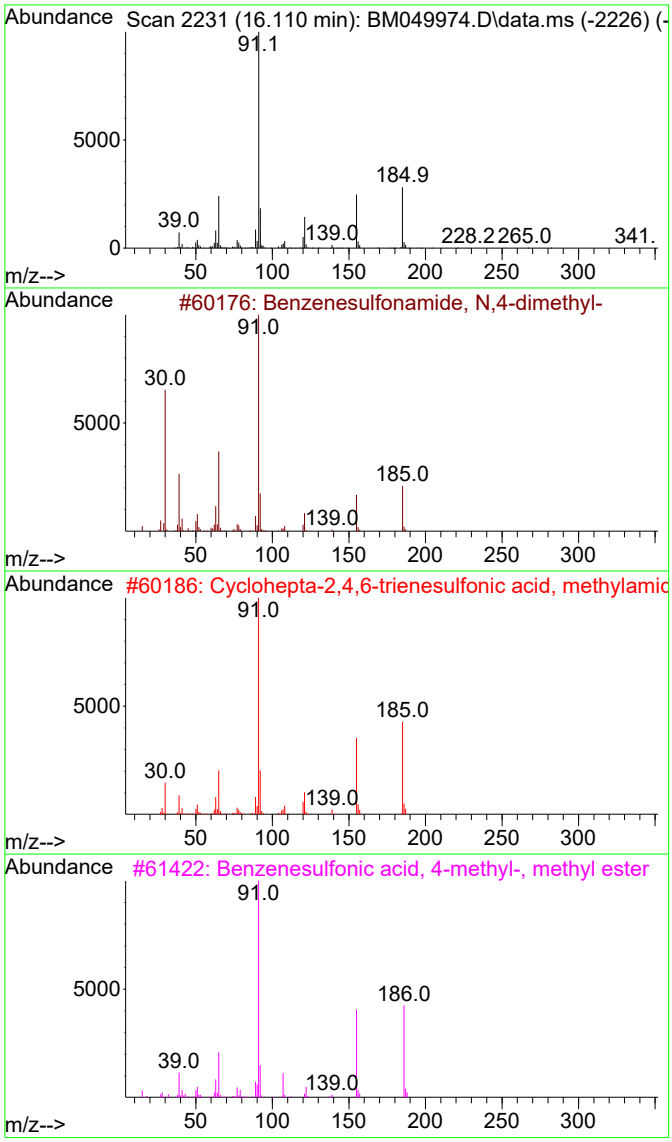
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

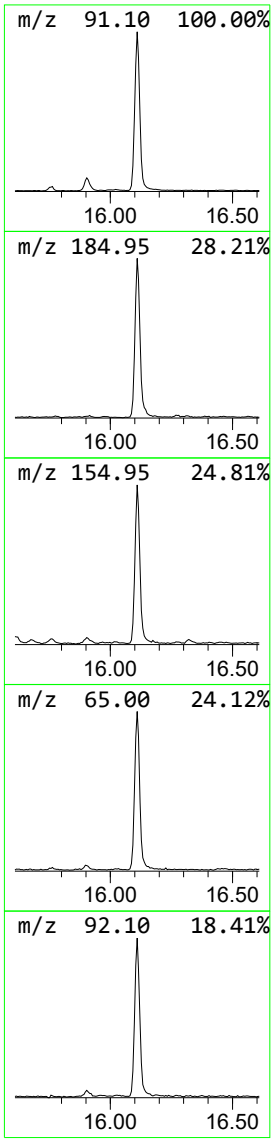
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 Benzenesulfonamide, N,4-dim... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.110	5.18 ng	1227790	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	95
2	Cycloheptа-2,4,6-trienesulfonic ...	185	C8H11NO2S	1000187-28-7	76
3	Benzenesulfonic acid, 4-methyl-,...	186	C8H10O3S	000080-48-8	53
4	Ethyl(E/Z)-.alpha.-cyano-4-nitro...	416	C19H16N2O7S	1000287-26-8	53
5	N-Tosylethylenediamine	214	C9H14N2O2S	014316-16-6	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

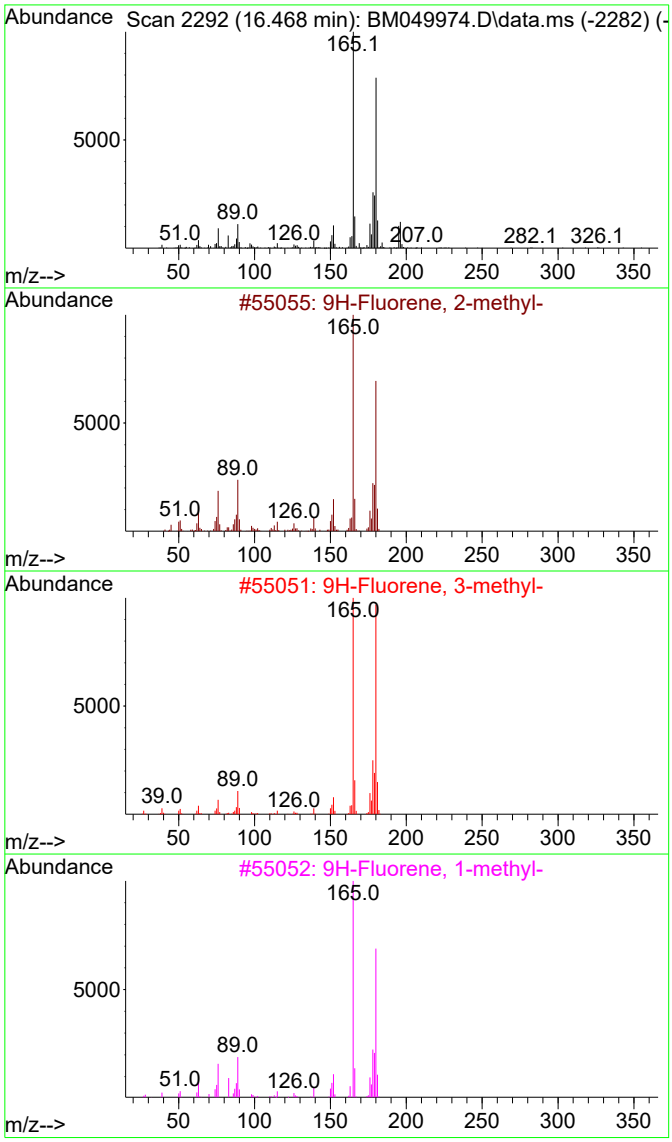
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

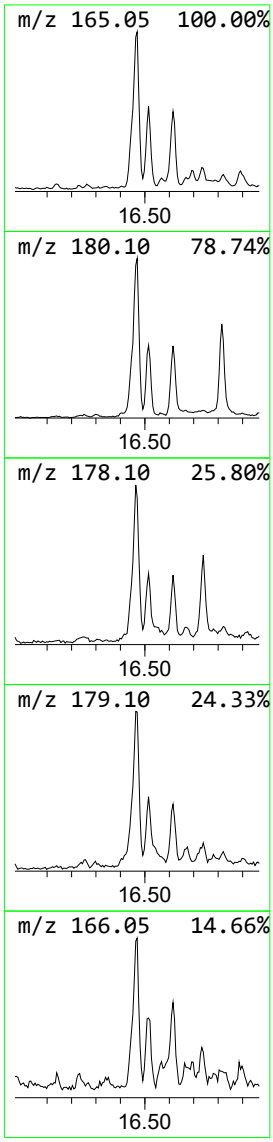
****

Peak Number 3 9H-Fluorene, 2-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.468	2.89 ng	685863	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluorene, 2-methyl-	180	C14H12	001430-97-3	96
2	9H-Fluorene, 3-methyl-	180	C14H12	002523-39-9	96
3	9H-Fluorene, 1-methyl-	180	C14H12	001730-37-6	95
4	9H-Fluorene, 9-methyl-	180	C14H12	002523-37-7	89
5	3H-Benz[e]indene, 2-methyl-	180	C14H12	150096-60-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

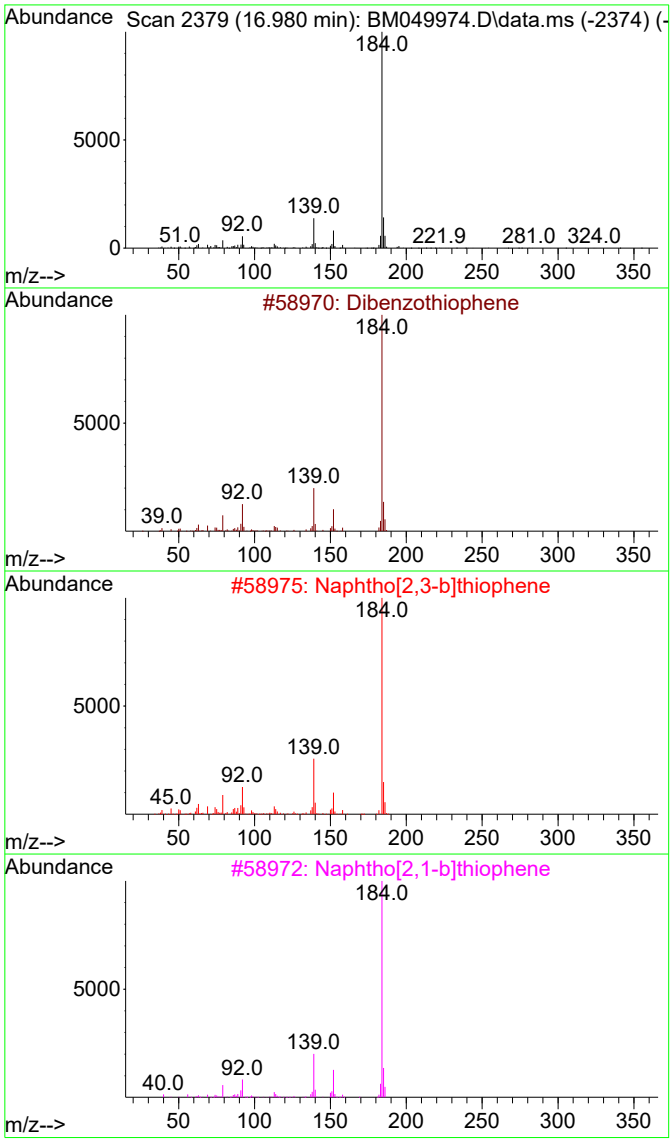
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

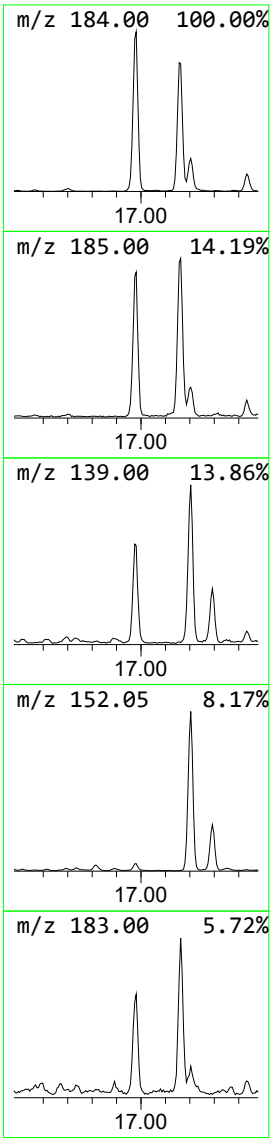
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	3.51 ng	833316	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	95
3	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
4	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

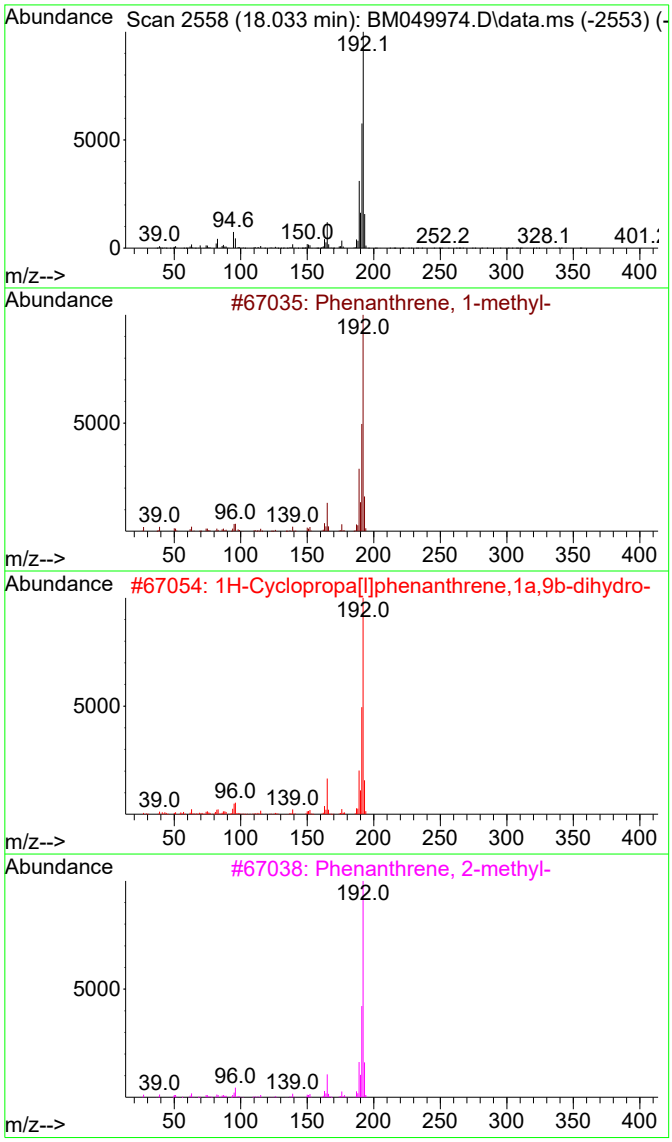
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

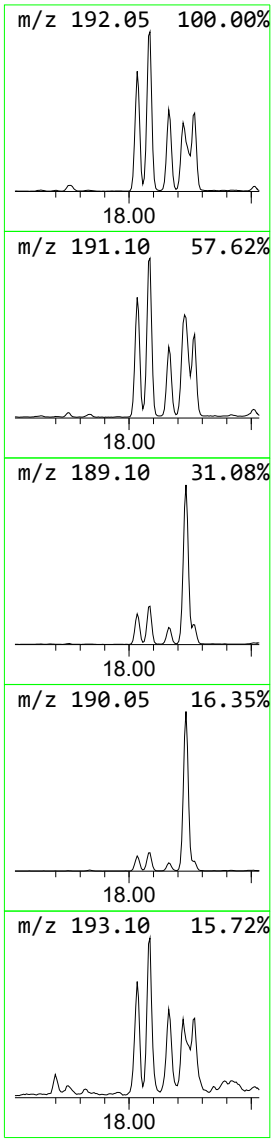
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 1H-Cyclopropa[l]phenanthren... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	6.91 ng	1640060	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
2	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

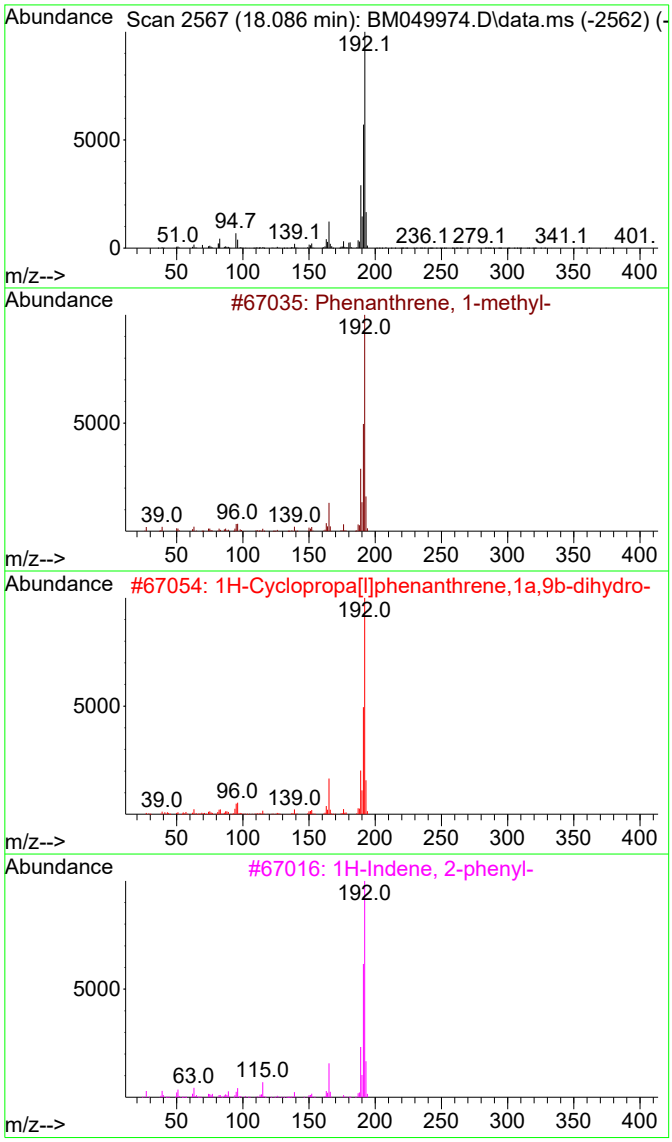
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

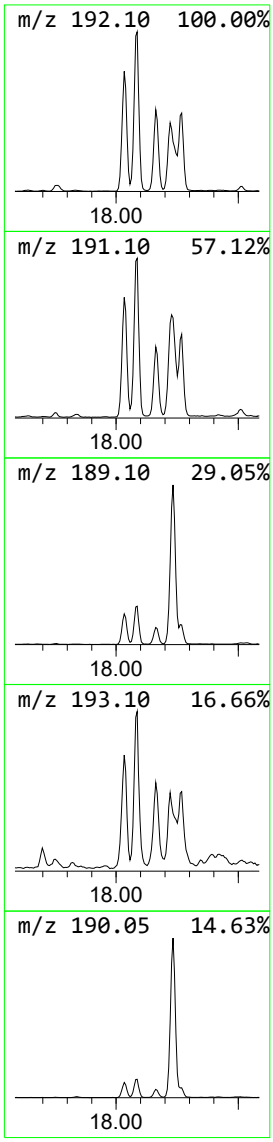
****

Peak Number 6 Phenanthrene, 1-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.086	9.12 ng	2164310	Phenanthrene-d10	17.157

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	96
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	95
4	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
5	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	94





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Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

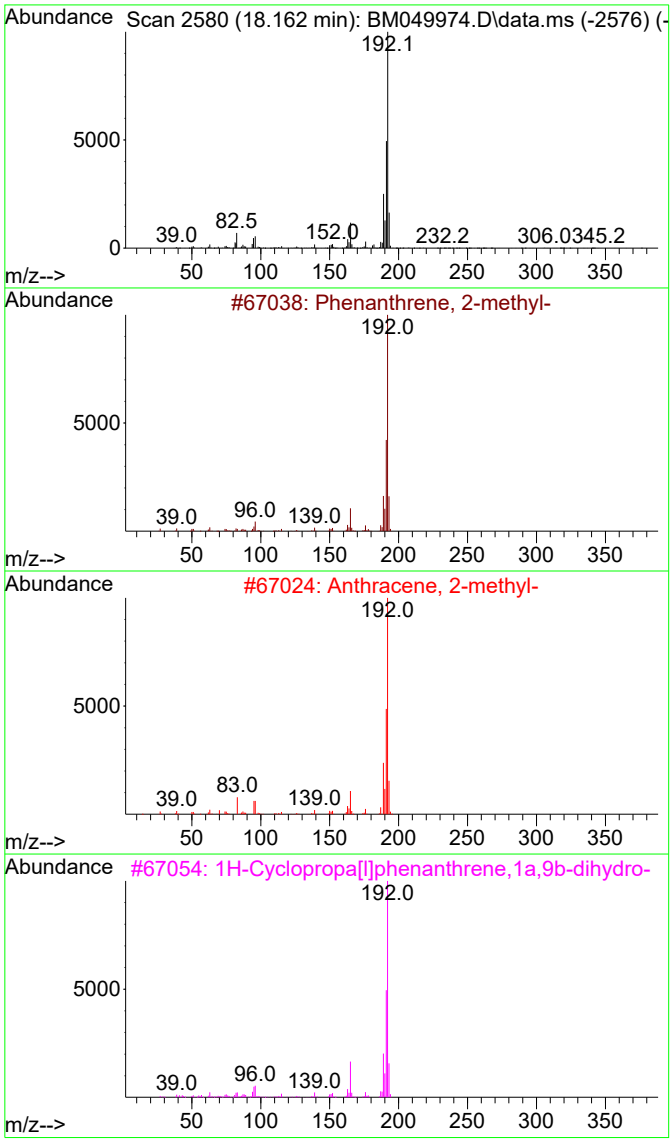
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

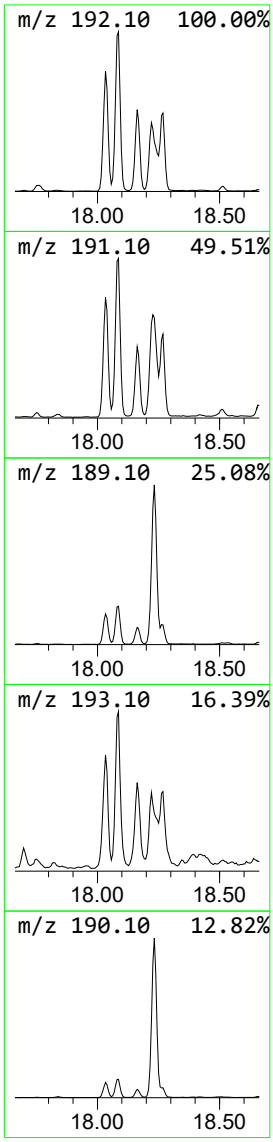
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.162	4.11 ng	975855	Phenanthrene-d10	17.157

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	97
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	97
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95





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Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-714-COMP-07

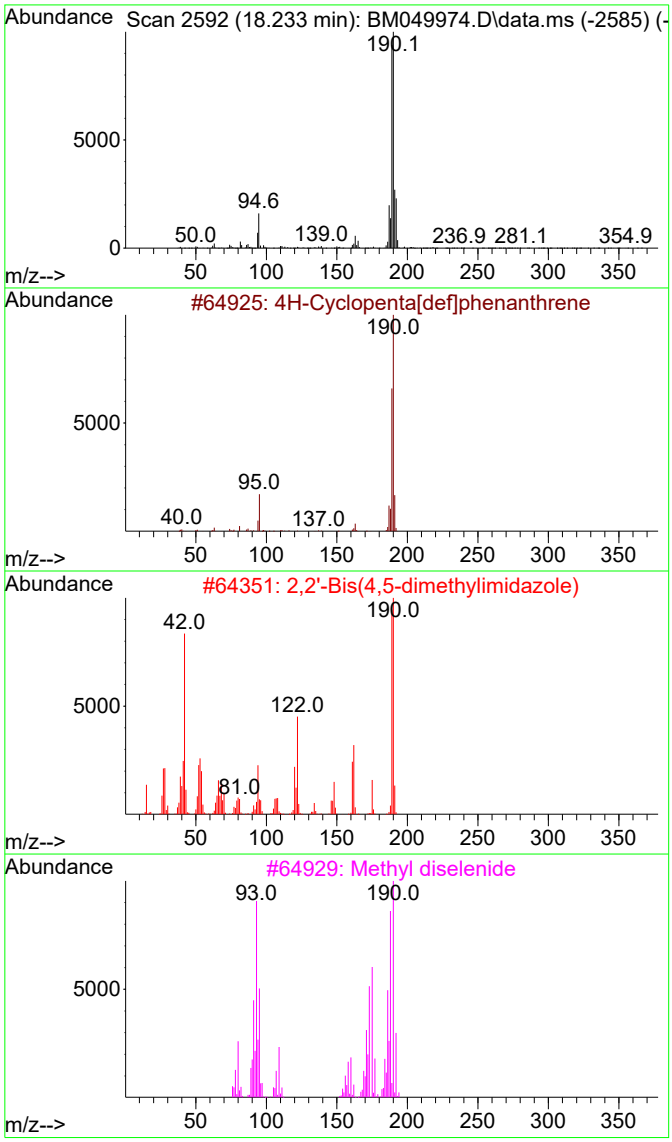
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

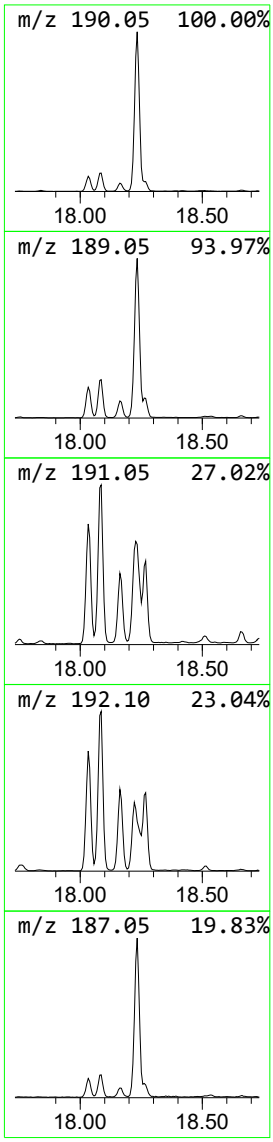
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 8 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	16.56 ng	3928180	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	76
2	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
3	Methyl diselenide	190	C2H6Se2	007101-31-7	27
4	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	25
5	3-Chloroquinoxaline-2-carbonitrile	189	C9H4ClN3	040254-89-5	16





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Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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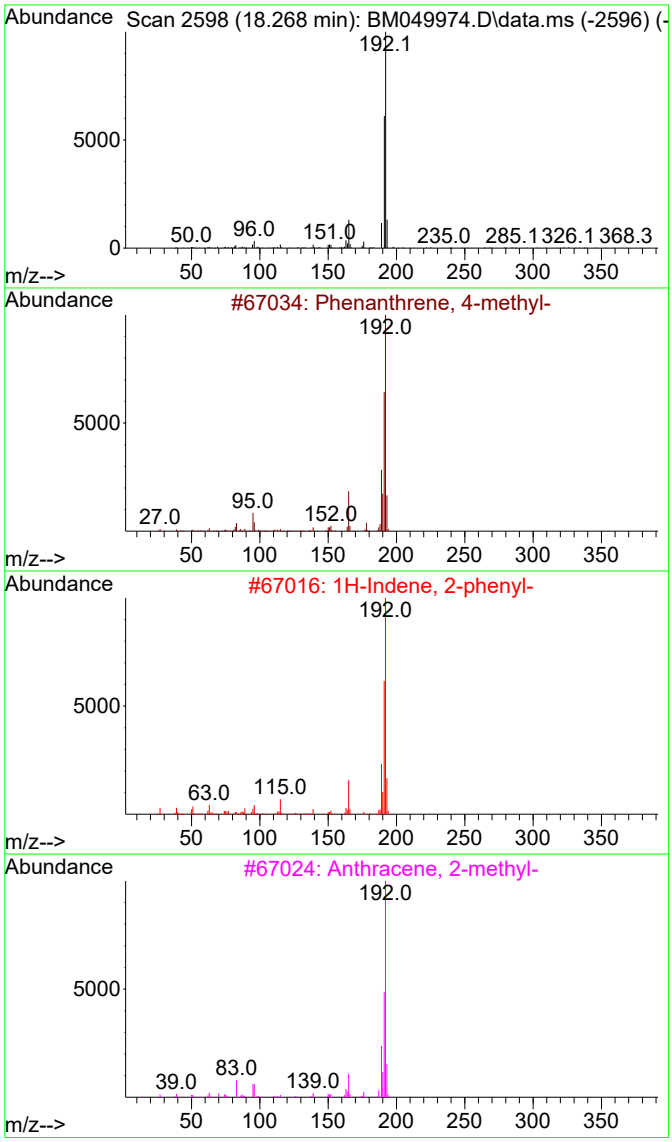
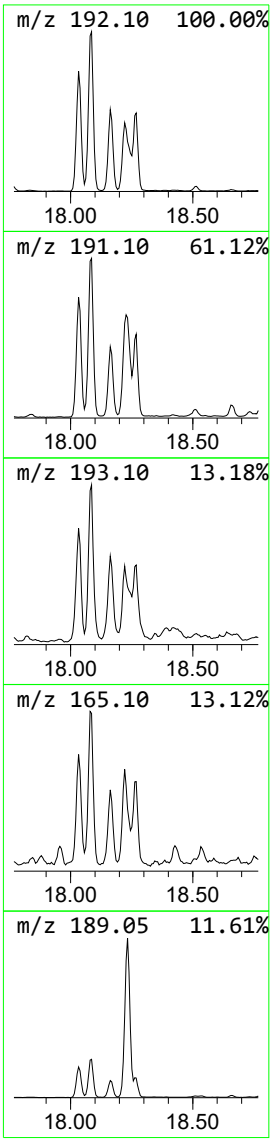
Peak Number 9 Phenanthrene, 4-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	3.33 ng	789142	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	87
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	83
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	83





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Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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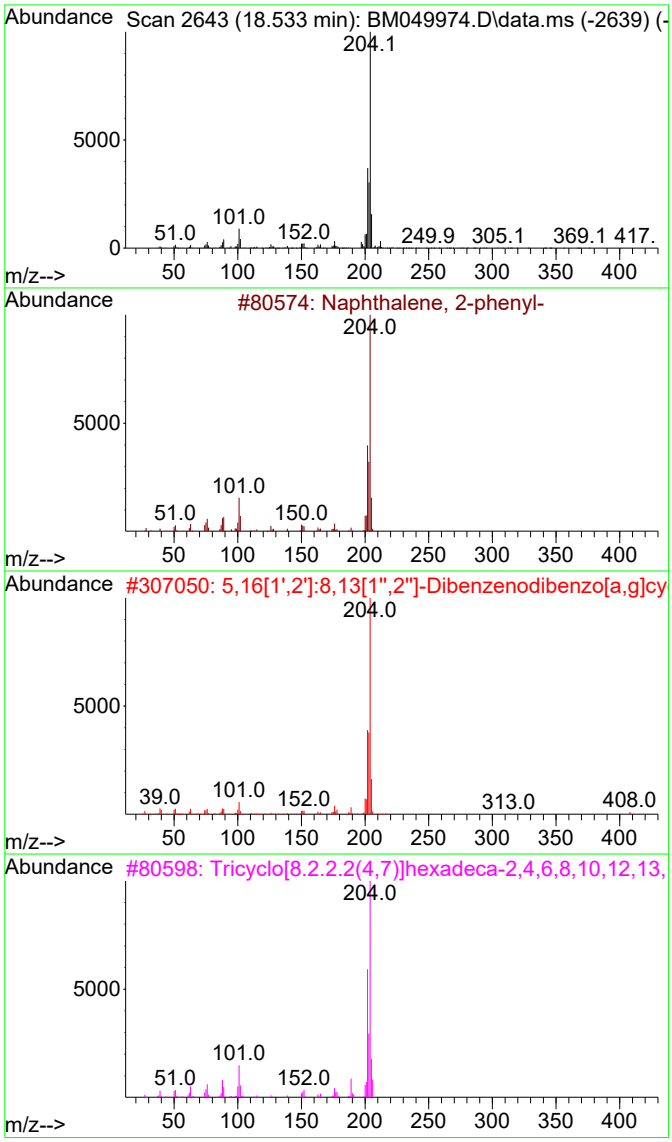
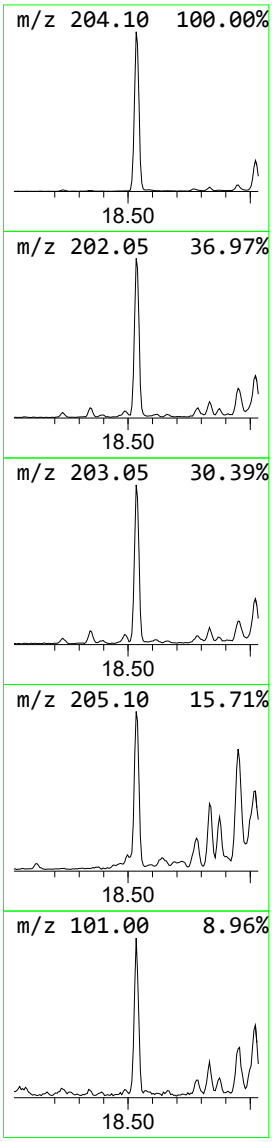
Peak Number 10 Naphthalene, 2-phenyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	4.37 ng	1036740	Phenanthrene-d10	17.157

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	64
4	9-Acridinecarbonitrile	204	C14H8N2	005326-19-2	53
5	9,10-Bis(bromomethyl)anthracene	362	C16H12Br2	034373-96-1	52





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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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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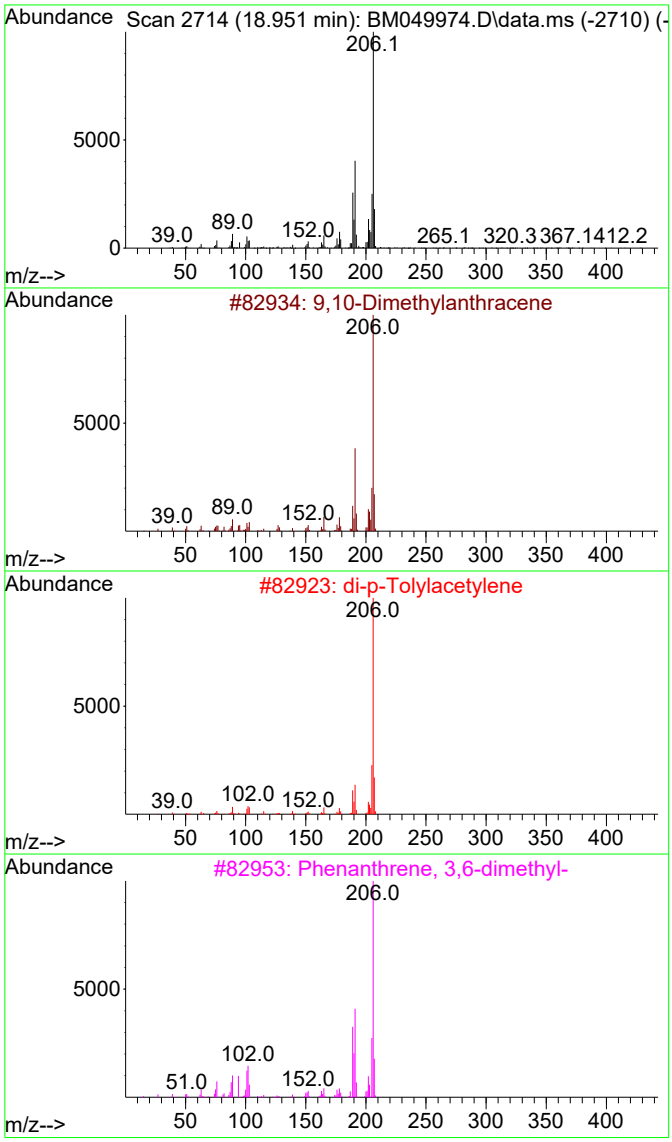
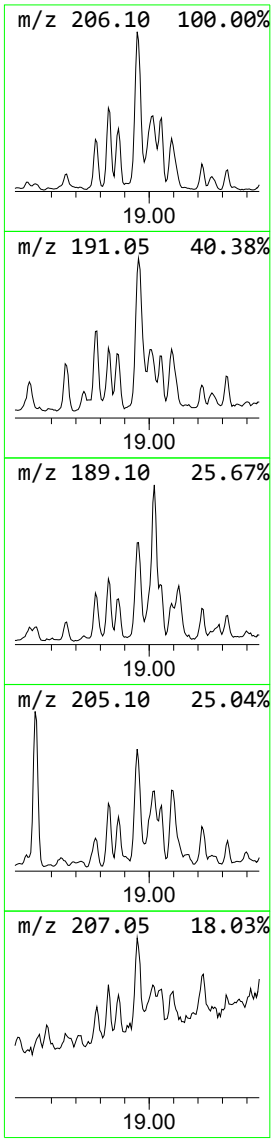
Peak Number 11 9,10-Dimethylanthracene Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.951	3.53 ng	836762	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	87
4	Phenanthrene, 2,7-dimethyl-	206	C16H14	001576-69-8	87
5	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	87





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Sample : Q1832-37 5X
Misc :
ALS Vial : 16 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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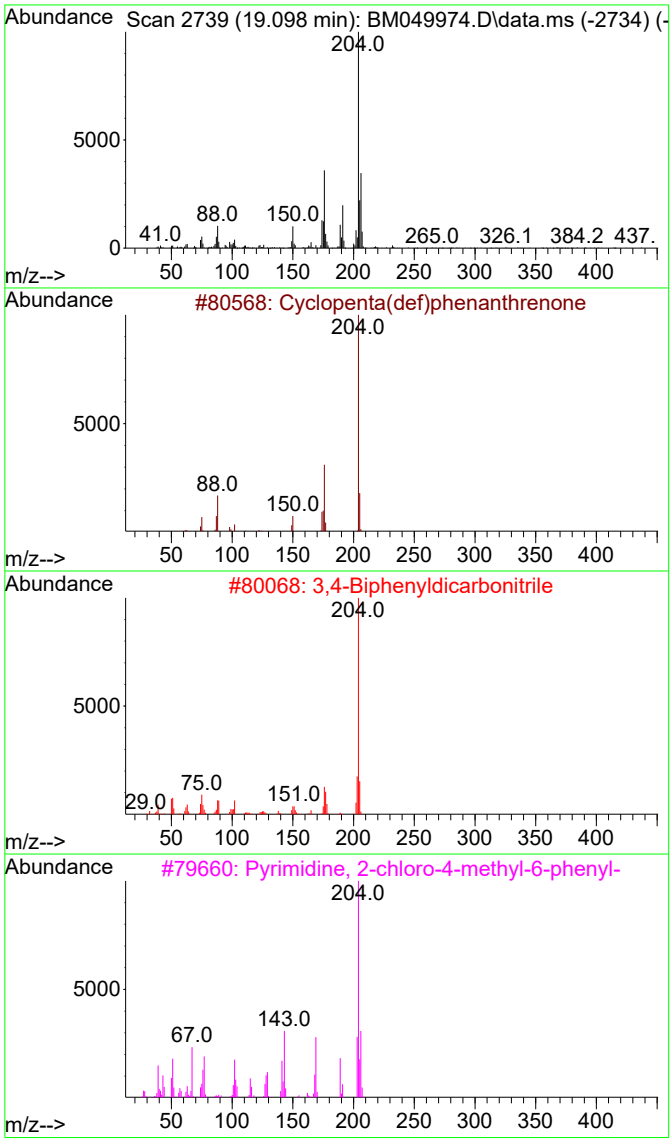
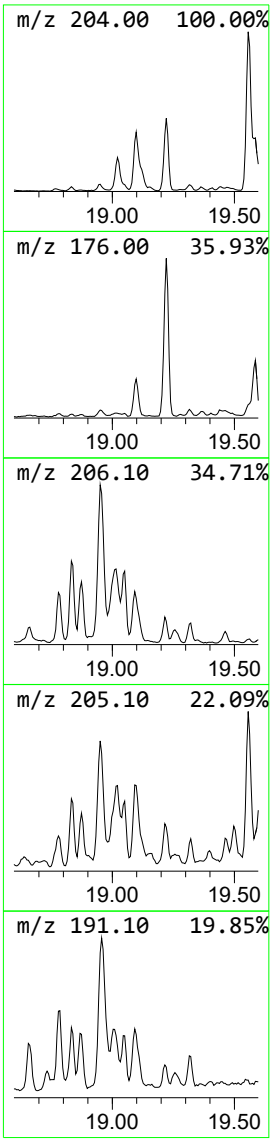
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	3.20 ng	759454	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	53
3	Pyrimidine, 2-chloro-4-methyl-6-...	204	C11H9ClN2	032785-40-3	50
4	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	50
5	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	47





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Misc :
ALS Vial : 16 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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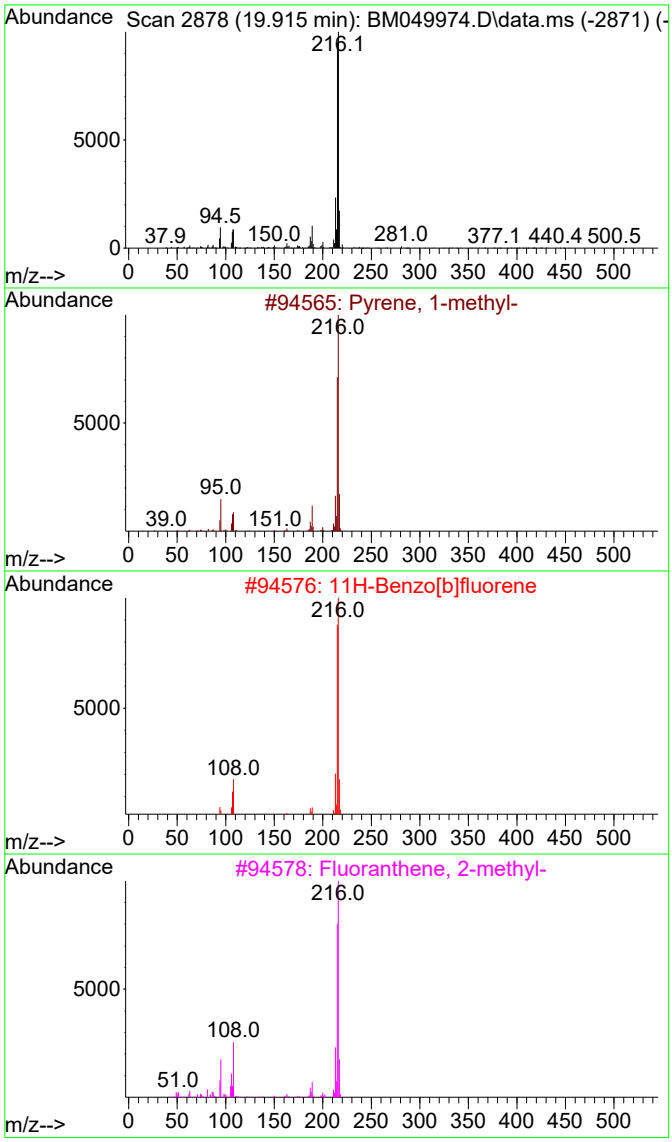
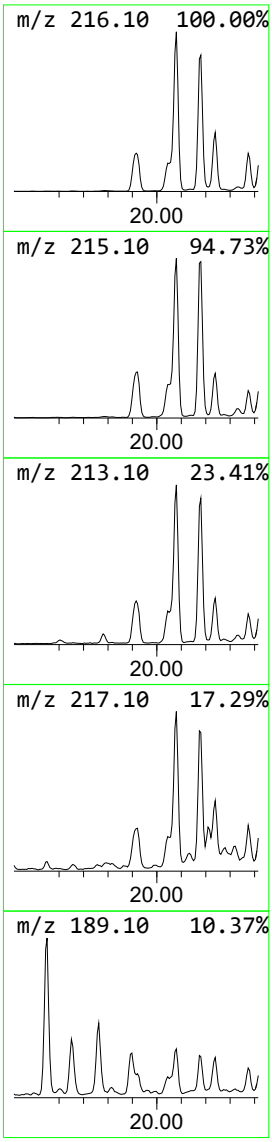
Peak Number 13 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.915	2.35 ng	1891760	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	93
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	83





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Misc :
ALS Vial : 16 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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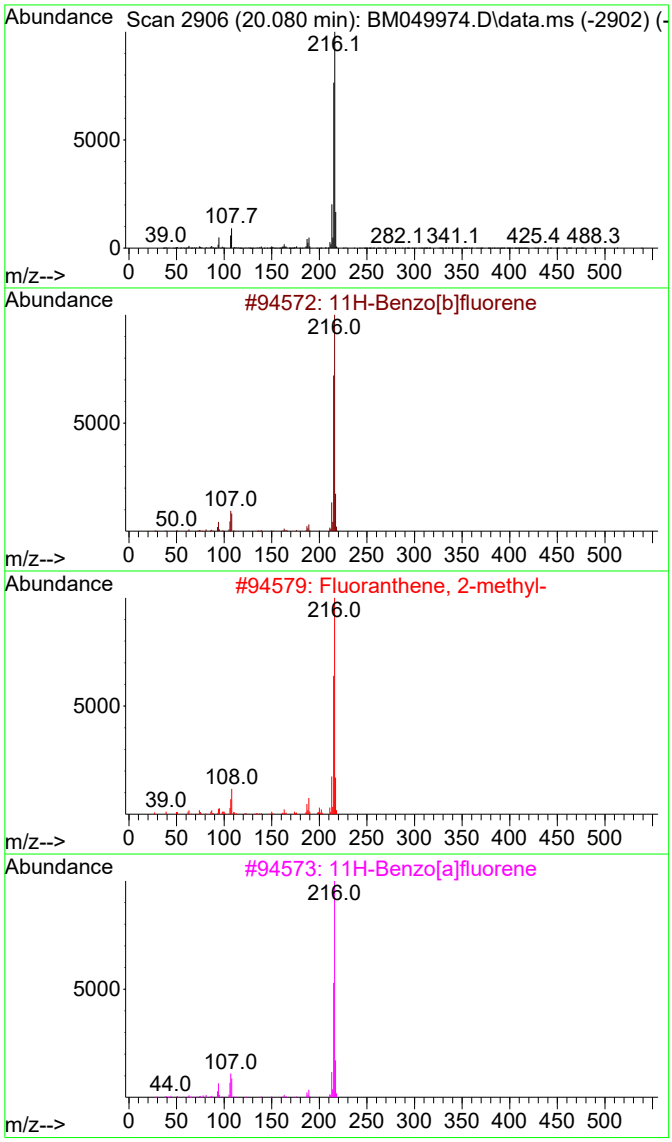
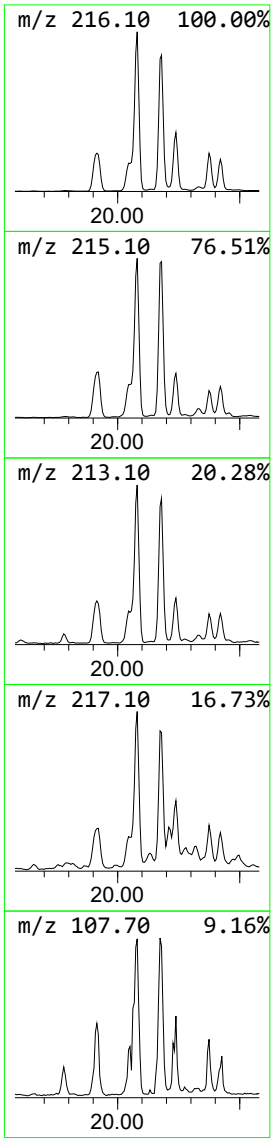
Peak Number 14 11H-Benzo[b]fluorene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	4.16 ng	3356940	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	93
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	91
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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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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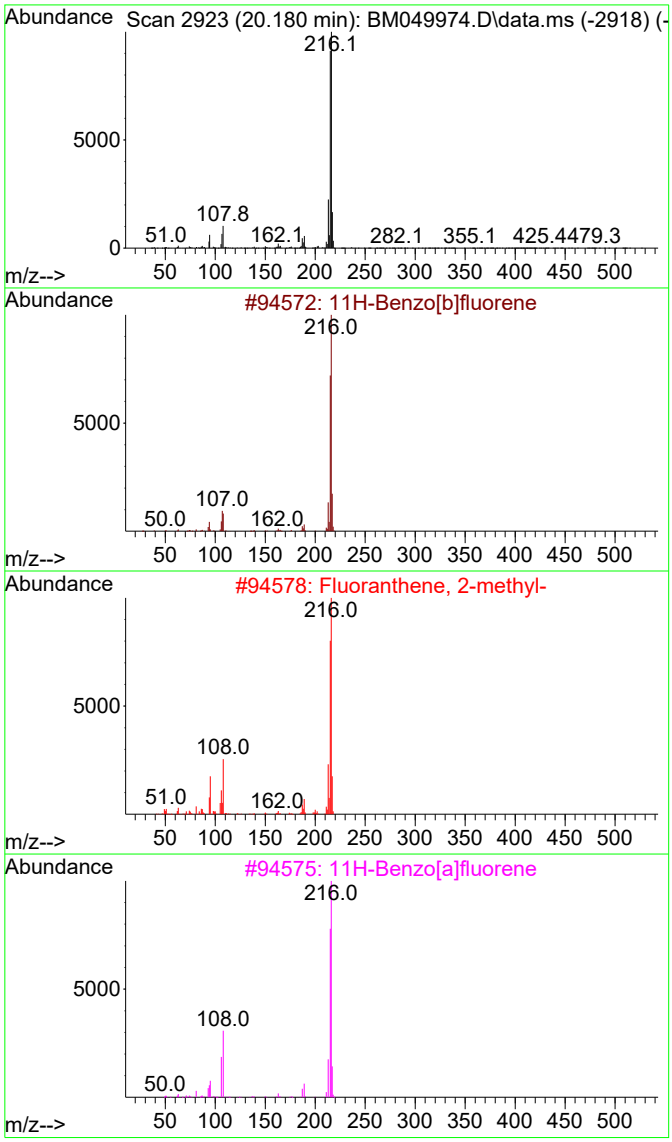
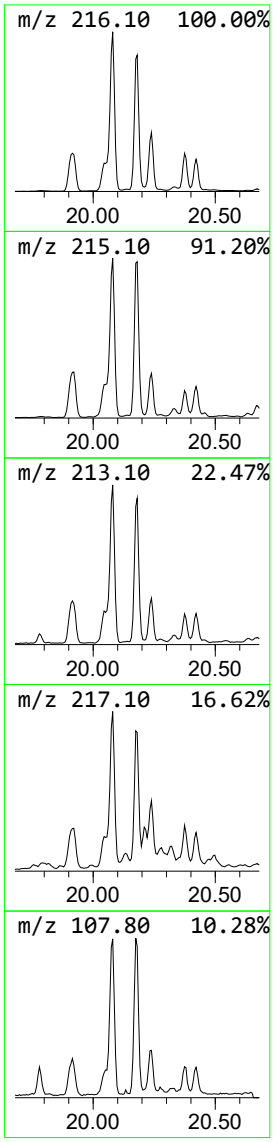
Peak Number 15 Fluoranthene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	3.79 ng	3055030	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	93
2	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	90
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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ALS Vial : 16 Sample Multiplier: 1

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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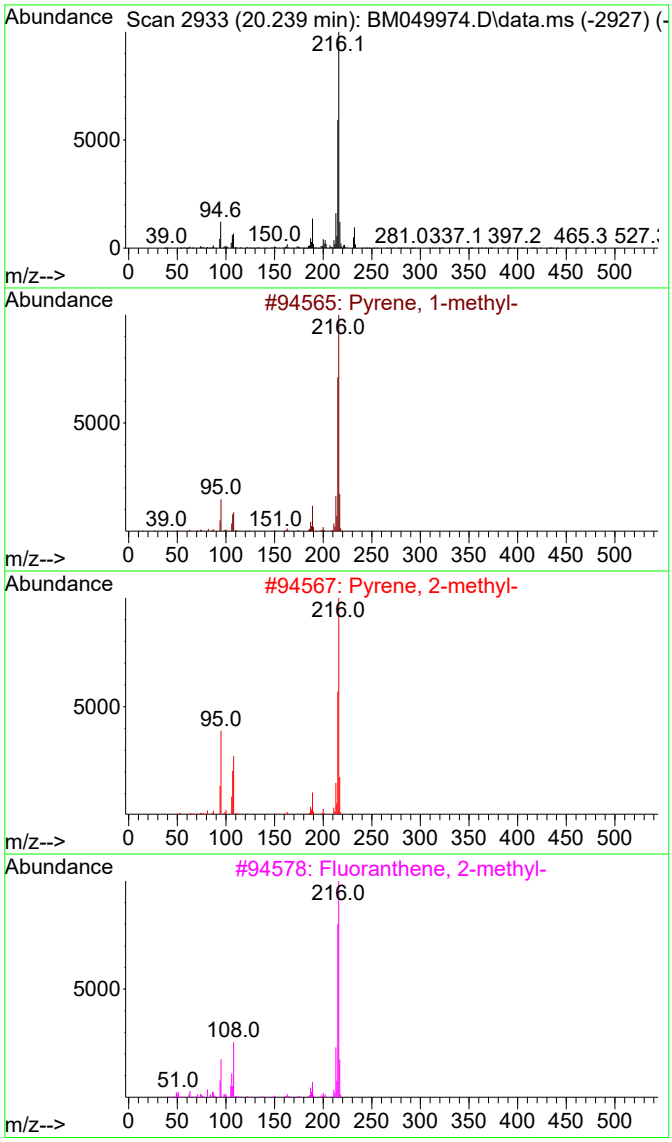
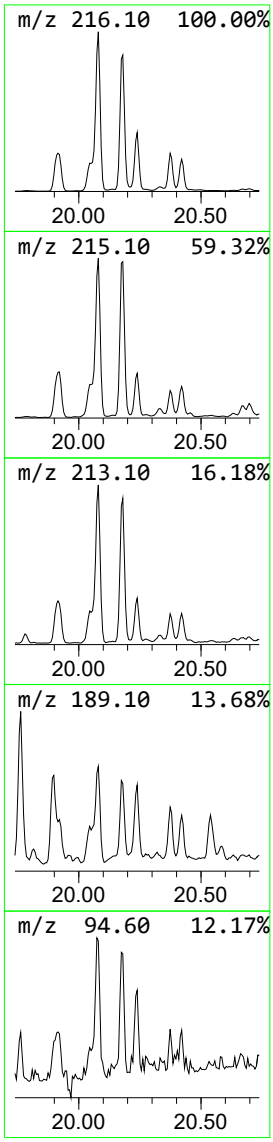
Peak Number 16 Pyrene, 2-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	2.15 ng	1735000	Chrysene-d12	21.403

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	90
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	81
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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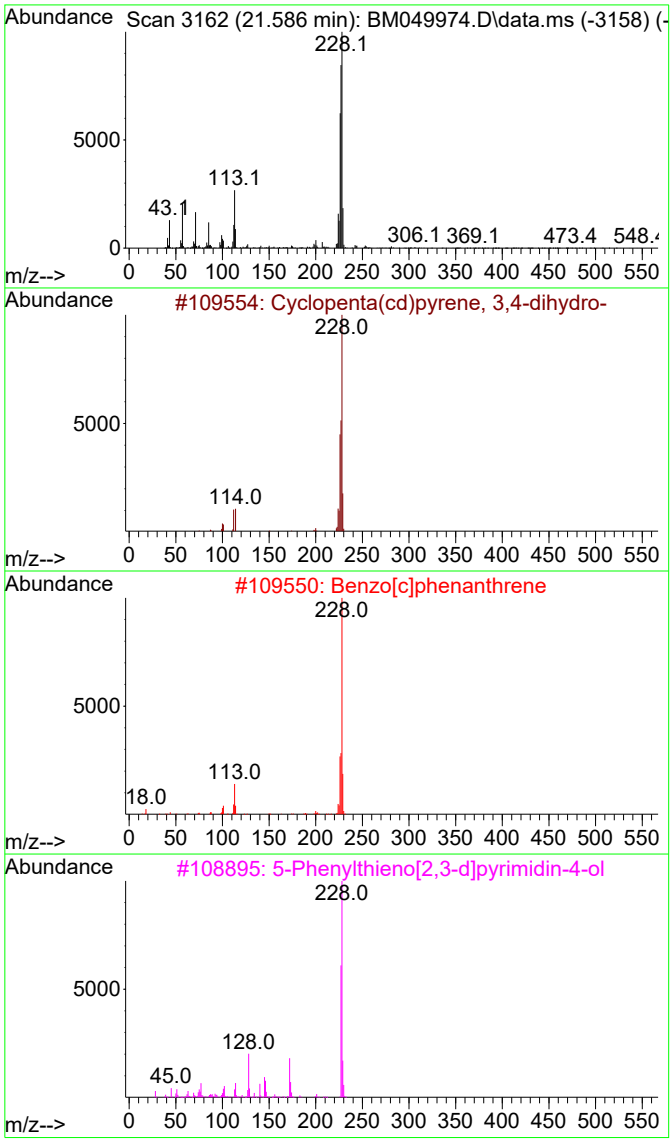
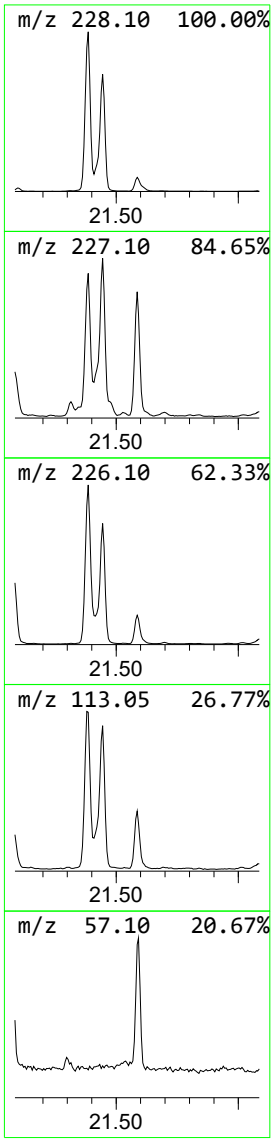
****
Peak Number 17 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.586	2.34 ng	1884390	Chrysene-d12	21.403

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	90
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	53
3	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	50
4	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	47
5	Chrysene	228	C18H12	000218-01-9	41





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Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

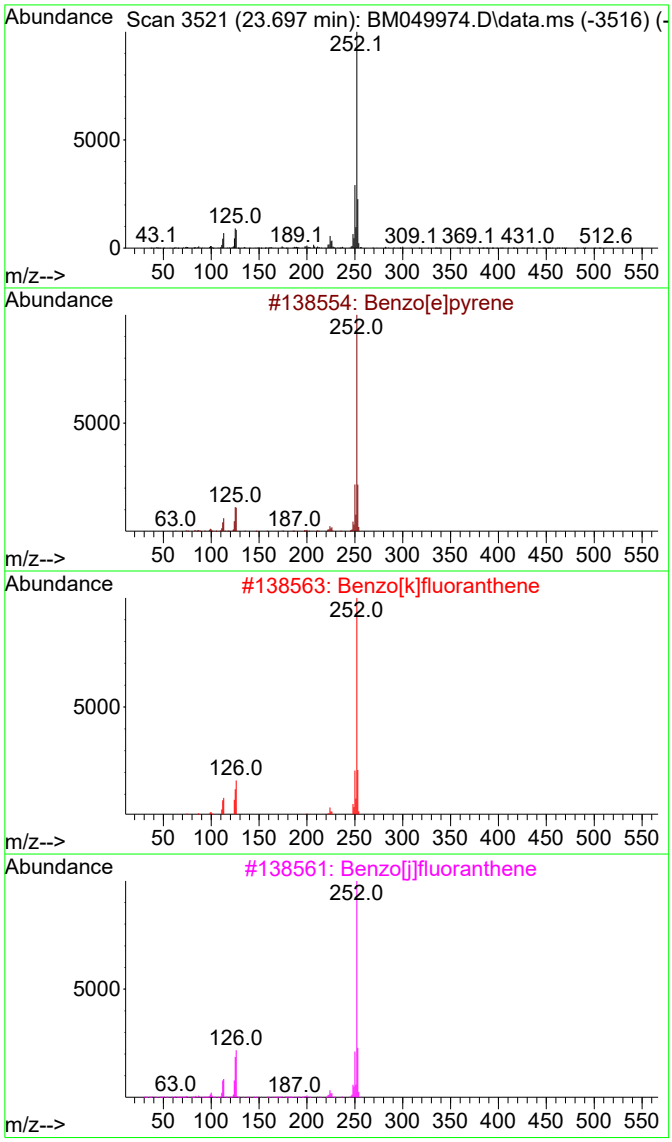
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

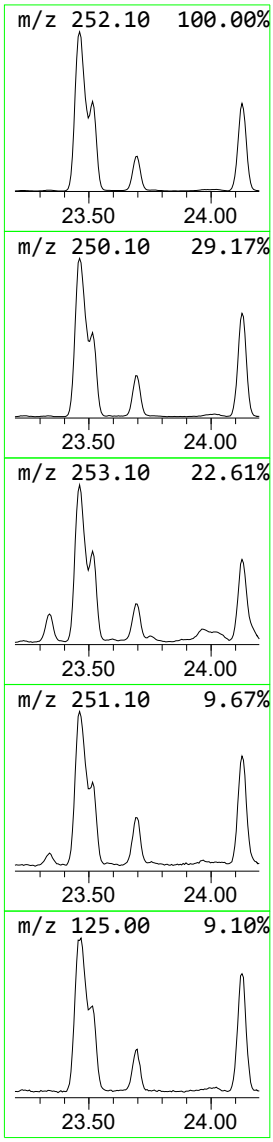
****

Peak Number 18 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.697	6.86 ng	1629910	Perylene-d12	24.409

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





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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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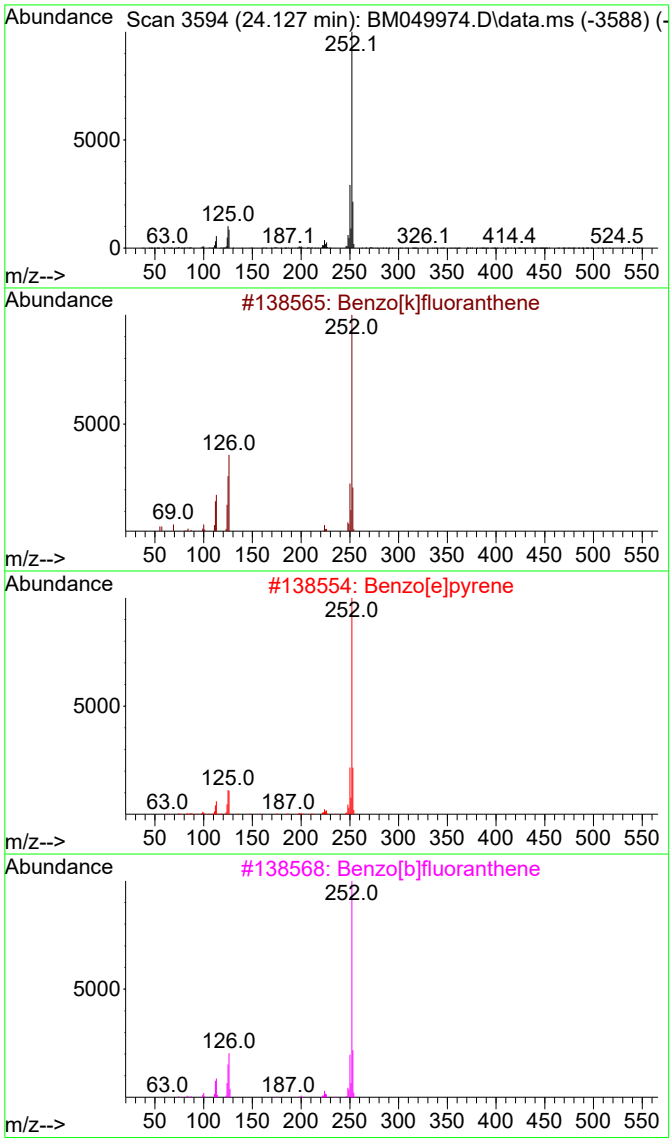
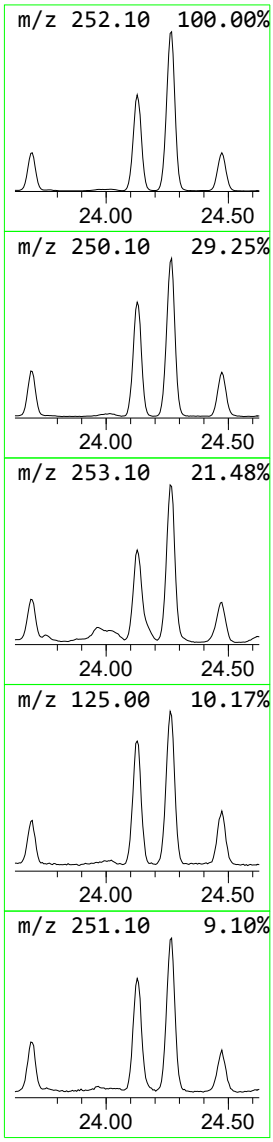
Peak Number 19 Benzo[j]fluoranthene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.127	19.44 ng	4622850	Perylene-d12	24.409

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[k]fluoranthene	252	C20H12	000207-08-9	96
2	Benzo[e]pyrene	252	C20H12	000192-97-2	96
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
4	Benzo[j]fluoranthene	252	C20H12	000205-82-3	94
5	Perylene	252	C20H12	000198-55-0	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041825\
Data File : BM049974.D
Acq On : 18 Apr 2025 20:22
Operator : RC/JU
Sample : Q1832-37 5X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PL-714-COMP-07

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.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
Dibenzofuran, 4...	15.762	5.7	ng	1191270	3	14.416	4212830	20.0
Benzenesulfonam...	16.110	5.2	ng	1227790	4	17.157	4744090	20.0
9H-Fluorene, 2-...	16.468	2.9	ng	685863	4	17.157	4744090	20.0
Dibenzothiophene	16.980	3.5	ng	833316	4	17.157	4744090	20.0
1H-Cyclopropa[l...	18.033	6.9	ng	1640060	4	17.157	4744090	20.0
Phenanthrene, 1...	18.086	9.1	ng	2164310	4	17.157	4744090	20.0
Phenanthrene, 2...	18.162	4.1	ng	975855	4	17.157	4744090	20.0
4H-Cyclopenta[d...	18.233	16.6	ng	3928180	4	17.157	4744090	20.0
Phenanthrene, 4...	18.268	3.3	ng	789142	4	17.157	4744090	20.0
Naphthalene, 2-...	18.533	4.4	ng	1036740	4	17.157	4744090	20.0
9,10-Dimethylan...	18.951	3.5	ng	836762	4	17.157	4744090	20.0
Cyclopenta(def)...	19.098	3.2	ng	759454	4	17.157	4744090	20.0
Pyrene, 1-methyl-	19.915	2.4	ng	1891760	5	21.403	16121200	20.0
11H-Benzo[b]flu...	20.080	4.2	ng	3356940	5	21.403	16121200	20.0
Fluoranthene, 2...	20.180	3.8	ng	3055030	5	21.403	16121200	20.0
Pyrene, 2-methyl-	20.239	2.1	ng	1735000	5	21.403	16121200	20.0
Cyclopenta(cd)p...	21.586	2.3	ng	1884390	5	21.403	16121200	20.0
Benzo[e]pyrene	23.697	6.9	ng	1629910	6	24.409	4754920	20.0
Benzo[j]fluoran...	24.127	19.4	ng	4622850	6	24.409	4754920	20.0