LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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: BM049939.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	333	rBV	753072	1048784	5.79%	0.622%
2	5.357	397	403	416	rBV	2091669	3035636	16.75%	1.802%
3	5.969	502	507	515	rVB	240888	349242	1.93%	0.207%
4	6.951	665	674	692	rBV	1809683	3102464	17.12%	1.841%
5	7.769	805	813	823	rBV	1411010	2205441	12.17%	1.309%
6	8.928	1002	1010	1021	rBV	1091843	1861541	10.27%	1.105%
7	10.563	1279	1288	1294	rBV	1528908	2555776	14.10%	1.517%
8	13.033	1701	1708	1722	rBV	2716071	3929876	21.68%	2.332%
9	13.733	1821	1827	1832	rBV	137960	244555	1.35%	0.145%
10	14.139	1889	1896	1909	rVB	246665	421065	2.32%	0.250%
11	14.416	1933	1943	1948	rBV	2147988	3141313	17.33%	1.864%
12	14.474	1948	1953	1961	rVB	731299	1099403	6.07%	0.653%
13	14.816	2000	2011	2020	rBV	367148	600493	3.31%	0.356%
14	15.463	2115	2121	2133	rVB	887628	1305393	7.20%	0.775%
15	15.768	2167	2173	2182	rVB2	462063	826567	4.56%	0.491%
16	15.904	2188	2196	2205	rBV	2476135	3592067	19.82%	2.132%
17	16.139	2231	2236	2244	rVB3	120815	216339	1.19%	0.128%
18	16.463	2285	2291	2296	rVB2	138550	276021	1.52%	0.164%
19	16.815	2346	2351	2359	rVB	239027	363545	2.01%	0.216%
20	16.892	2359	2364	2371	rVV3	89395	216330	1.19%	0.128%
21	16.980	2374	2379	2388	rVB	460658	714183	3.94%	0.424%
22	17.157	2404	2409	2413	rBV2	2313484	3485965	19.23%	2.069%
23	17.204	2413	2417	2423	rVV	8019178	10793563	59.55%	6.406%
24	17.292	2423	2432	2438	rVV	2199914	3145211	17.35%	1.867%
25	17.351	2438	2442	2448	rVB2	156559	276372	1.52%	0.164%
26	17.562	2470	2478	2483	rBV	765788	1191708	6.57%	0.707%
27	17.680	2494	2498	2503	rVB2	156577	213634	1.18%	0.127%
28	17.739	2504	2508	2516	rVB3	254496	396084	2.19%	0.235%
29	17.886	2528	2533	2538	rVB	151581	263280	1.45%	0.156%
30	18.033	2553	2558	2560	rBV	933294	1213057	6.69%	0.720%
31	18.080	2560	2566	2575	rVV2	1594187	3804412	20.99%	2.258%
32	18.162	2576	2580	2585	rVV	498236	801617	4.42%	0.476%
33	18.233	2585	2592	2596	rVV3	1765302	3162654	17.45%	1.877%
34	18.268	2596	2598	2605	rVB	602450	689822	3.81%	0.409%
35	18.533	2639	2643	2647	rBV	641528	848566	4.68%	0.504%
36	18.574	2647	2650	2662	rVB2	500839	844014	4.66%	0.501%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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	18.786	2683	2686	2689	rVB	194351	229978	1.27%	0.136%
38	18.833	2691	2694	2698	rVV	264572	346543	1.91%	0.206%
39	18.874	2698	2701	2705	rVB2	218033	261644	1.44%	0.155%
40	18.957	2710	2715	2720	rBV	586276	991423	5.47%	0.588%
41	19.021	2721	2726	2729	rVV2	217122	340752	1.88%	0.202%
42	19.098	2734	2739	2746	rBV	538349	966291	5.33%	0.574%
43	19.221	2754	2760	2766	rBV	14531883	18125997	100.00%	10.758%
44	19.345	2773	2781	2792	rBV3	4232323	7508689	41.42%	4.457%
45	19.462	2798	2801	2811	rVB	567488	1027922	5.67%	0.610%
46	19.586	2817	2822	2830	rVB	11305608	15263489	84.21%	9.059%
47	19.656	2830	2834	2840	rVB3	428420	683451	3.77%	0.406%
48	19.786	2848	2856	2860	rBV2	3642655	4850138	26.76%	2.879%
49	19.827	2860	2863	2869	rVB	365011	581371	3.21%	0.345%
50	19.909	2871	2877	2883	rBV3	579460	1438855	7.94%	0.854%
51	19.962	2883	2886	2889	rVB	182293	199055	1.10%	0.118%
52	20.039	2895	2899	2901	rBV3	443509	683568	3.77%	0.406%
53	20.080	2902	2906	2911	rVB	1266339	1771235	9.77%	1.051%
54	20.174	2919	2922	2926	rBV	952038	1163182	6.42%	0.690%
55	20.239	2927	2933	2936	rVV2	848649	1361819	7.51%	0.808%
56	20.274	2936	2939	2943	rVB	294777	372352	2.05%	0.221%
57	20.374	2953	2956	2960	rBV	556743	681895	3.76%	0.405%
58	20.421	2960	2964	2968	rVV	621375	813632	4.49%	0.483%
59	20.827	3029	3033	3040	rVB	748202	1083168	5.98%	0.643%
60	20.998	3059	3062	3066	rVB	595588	837520	4.62%	0.497%
61	21.045	3066	3070	3073	rVB	662378	788299	4.35%	0.468%
62	21.086	3073	3077	3082	rBV2	756939	1249803	6.90%	0.742%
63	21.145	3084	3087	3094	rVB	678546	974062	5.37%	0.578%
64	21.386	3122	3128	3134	rBV3	5626142	11913478	65.73%	7.071%
65	21.445	3134	3138	3149	rVB	4347065	6425390	35.45%	3.814%
66	21.586	3158	3162	3168	rBV	767810	1156145	6.38%	0.686%
67	23.462	3473	3481	3487	rBV	2764245	8058045	44.46%	4.783%
68	24.127	3588	3594	3606	rVB	1650099	4199966	23.17%	2.493%
69	24.262	3610	3617	3630	rVB	2561470	6462177	35.65%	3.835%
70	24.403	3635	3641	3648	rBV	1541543	3438525	18.97%	2.041%

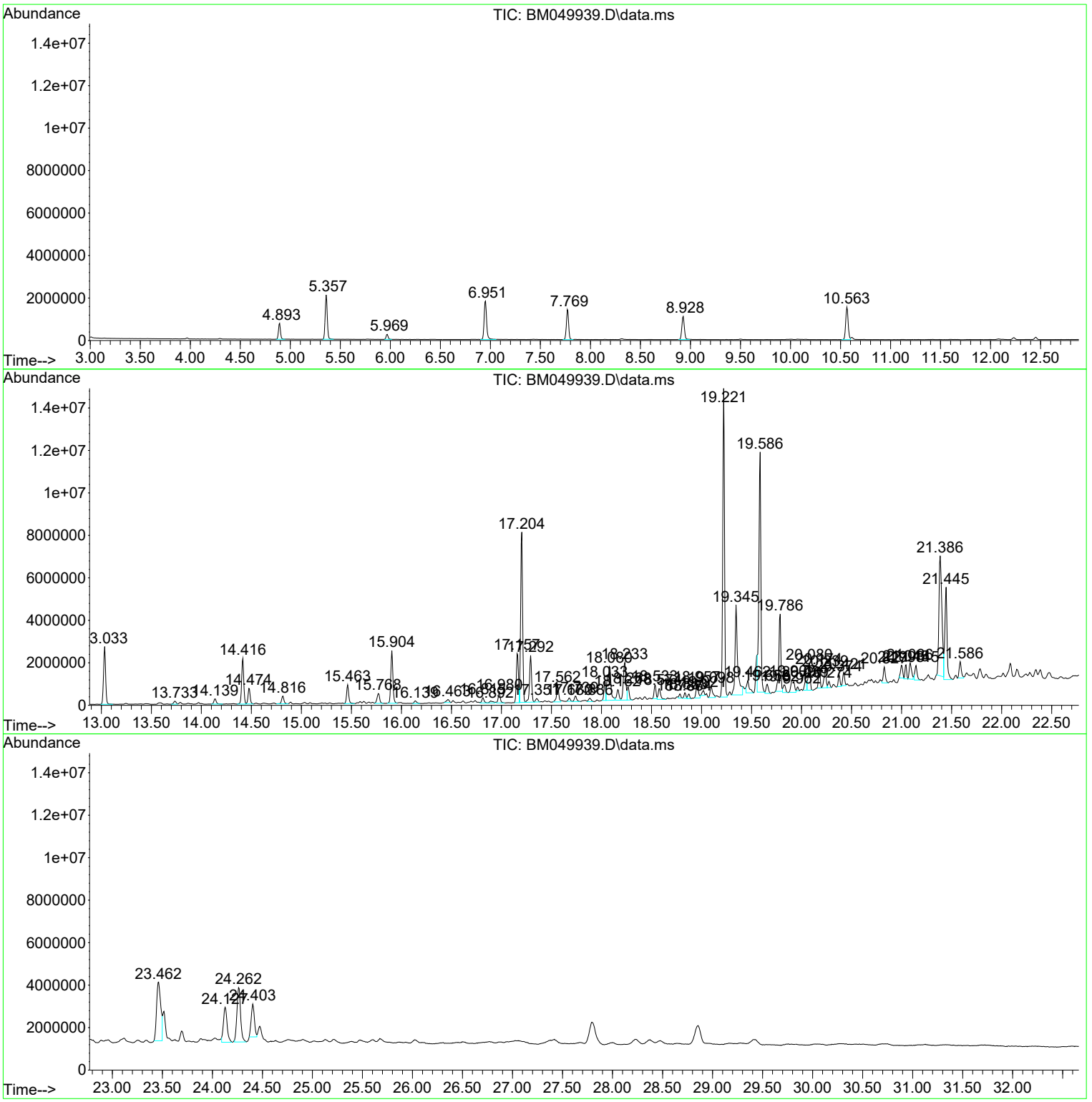
Sum of corrected areas: 168485852

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
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Instrument :
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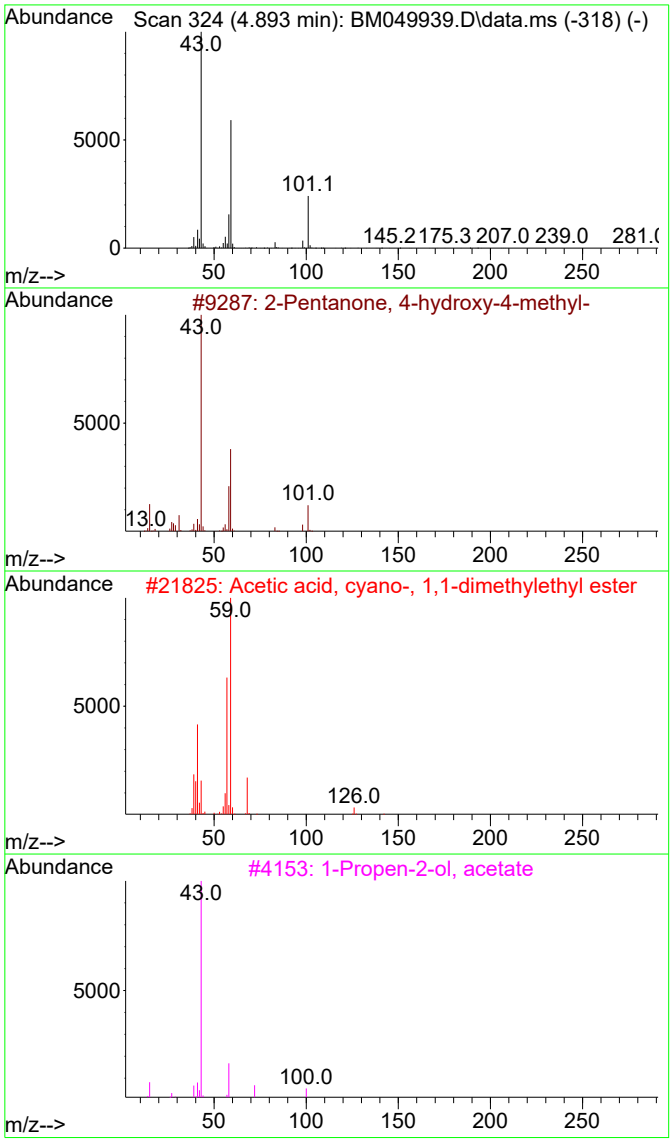
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

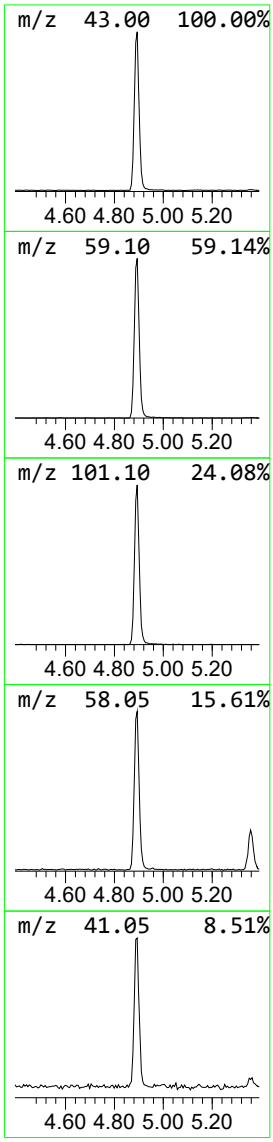
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.893	9.51 ng	1048780	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

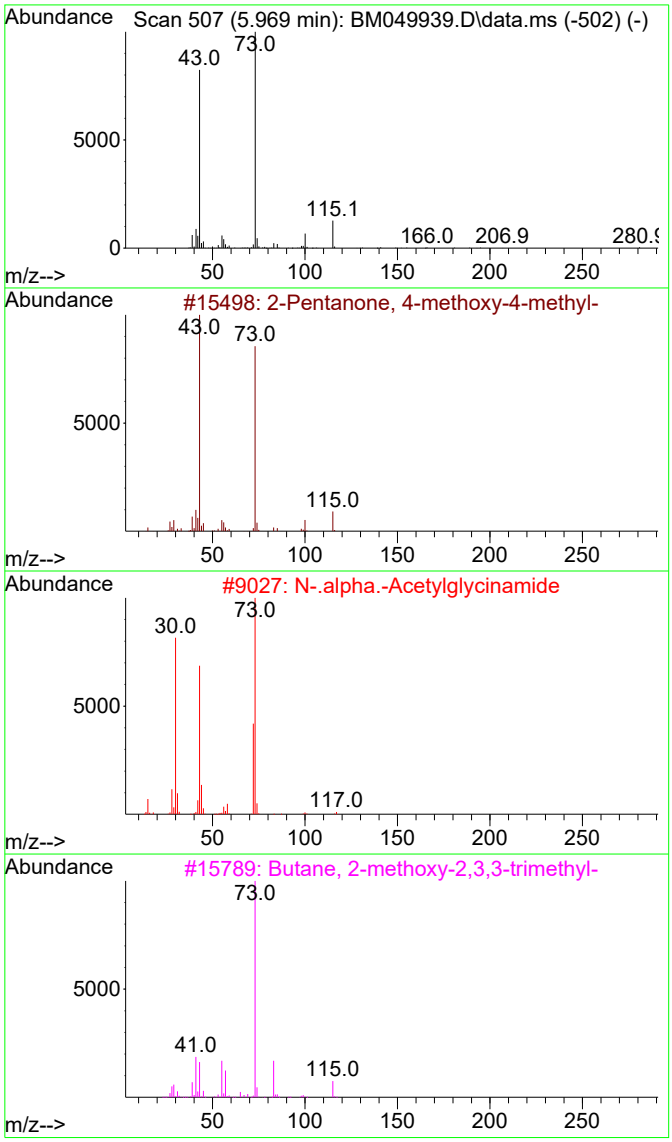
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

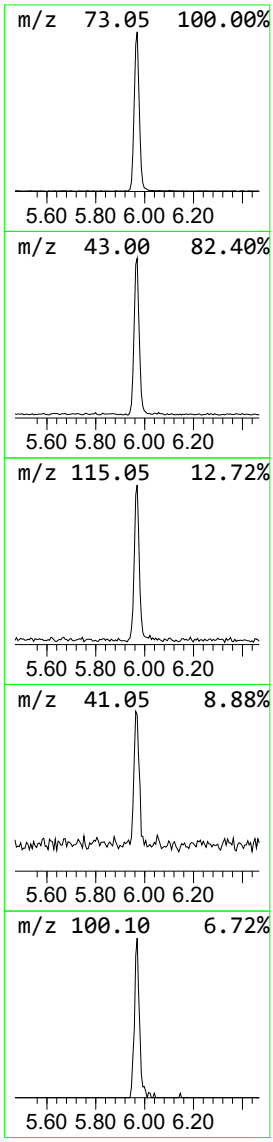
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.969	3.17 ng	349242	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	78
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	38
3	Butane, 2-methoxy-2,3,3-trimethyl-	130	C8H18O	027705-21-1	23
4	Octanal, 7-methoxy-3,7-dimethyl-	186	C11H22O2	003613-30-7	12
5	1,3-Dioxolane, 2-(1-methylethyl)-	116	C6H12O2	000822-83-3	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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

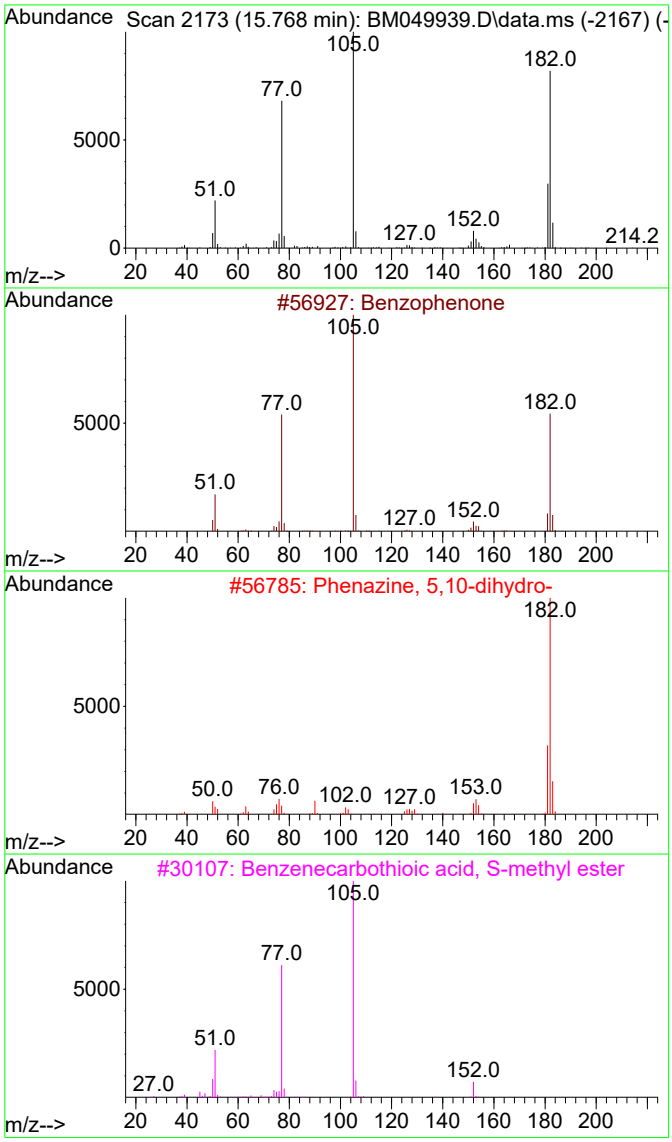
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

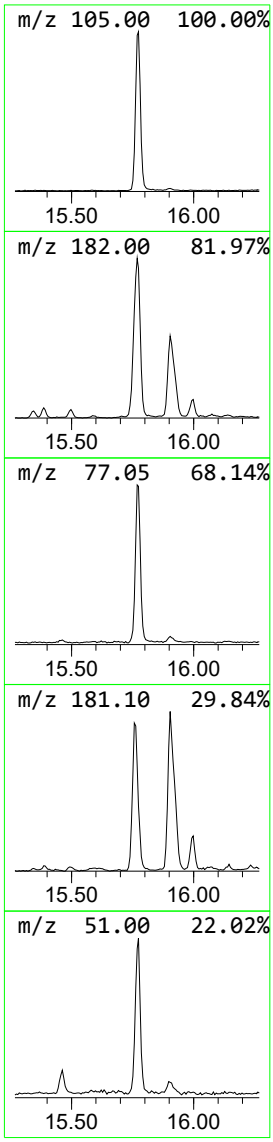
****

Peak Number 3 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.769	5.26 ng	826567	Acenaphthene-d10	14.416

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	94
2	Phenazine, 5,10-dihydro-	182	C12H10N2	000613-32-1	46
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	38
4	3-Mercaptobenzoic acid, S-methyl...	182	C9H10O2S	090721-40-7	38
5	1,2-Propanedione, 1-phenyl-	148	C9H8O2	000579-07-7	27





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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

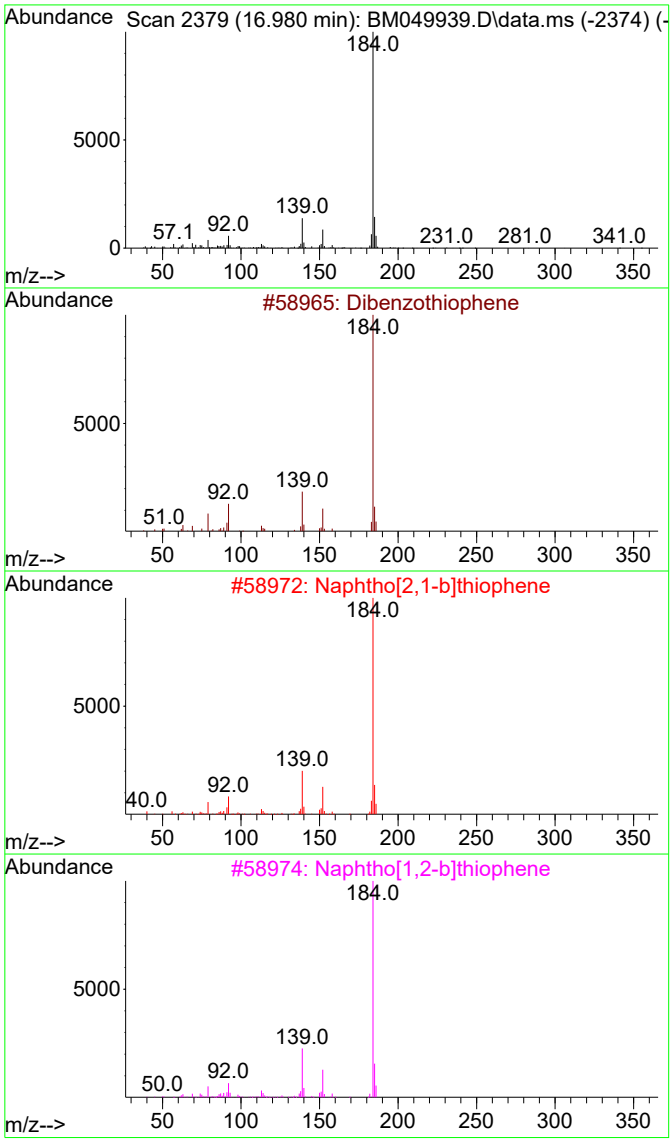
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

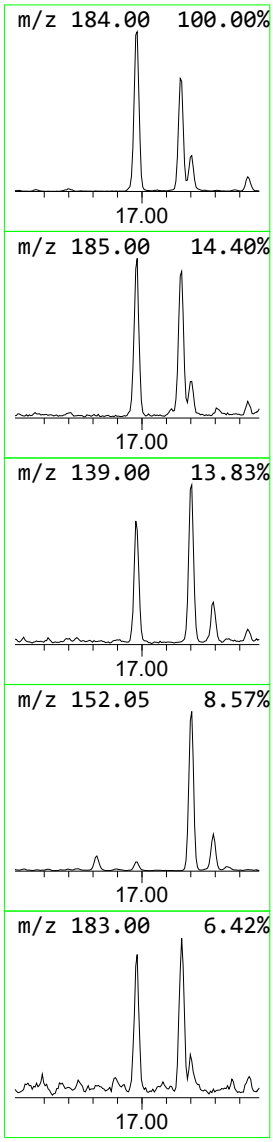
****

Peak Number 4 Dibenzothiophene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.980	4.10 ng	714183	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	97
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	95
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	95
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	94
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

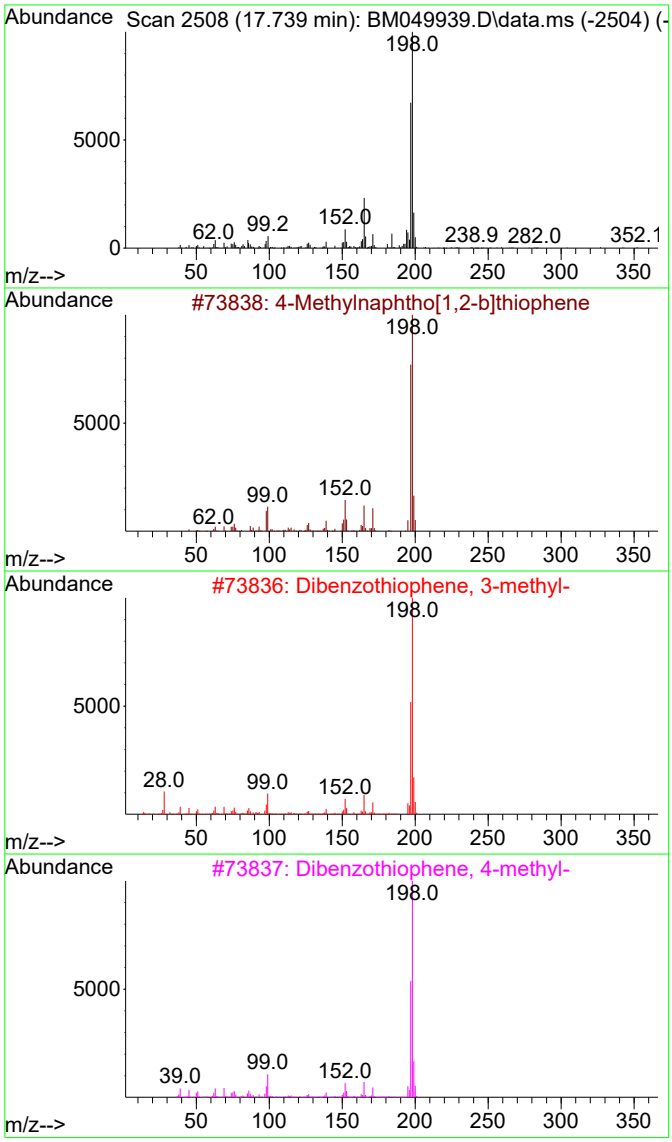
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

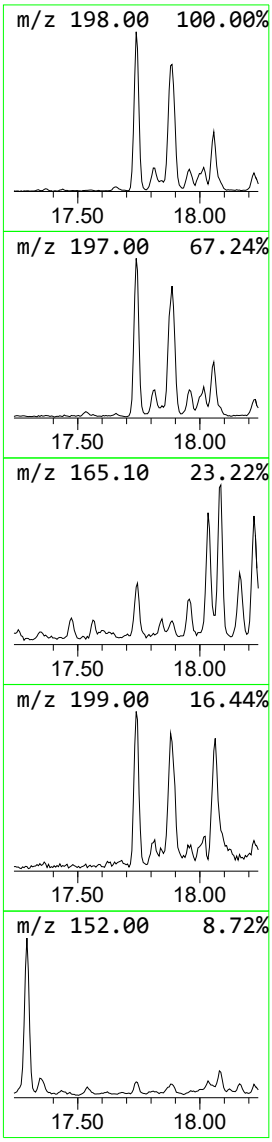
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 5 4-Methylnaphtho[1,2-b]thiop... Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.739	2.27 ng	396084	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Methylnaphtho[1,2-b]thiophene	198	C13H10S	067388-11-8	95
2	Dibenzothiophene, 3-methyl-	198	C13H10S	016587-52-3	91
3	Dibenzothiophene, 4-methyl-	198	C13H10S	007372-88-5	87
4	1-Methyldibenzothiophene	198	C13H10S	031317-07-4	87
5	2-Methyldibenzothiophene	198	C13H10S	1000383-55-1	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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

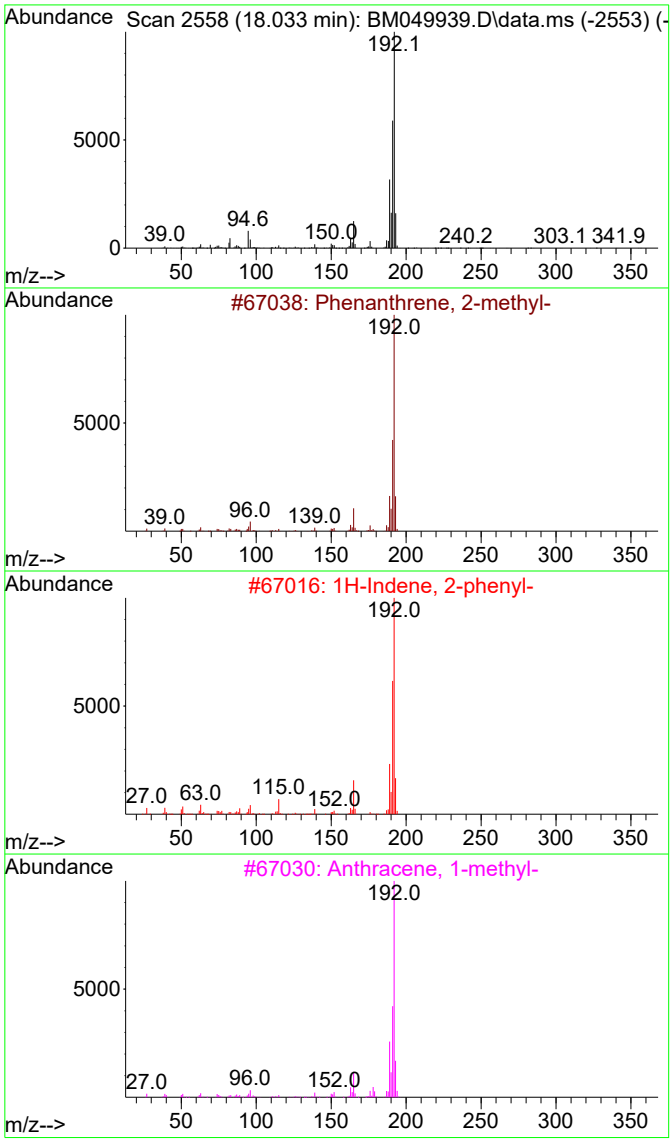
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

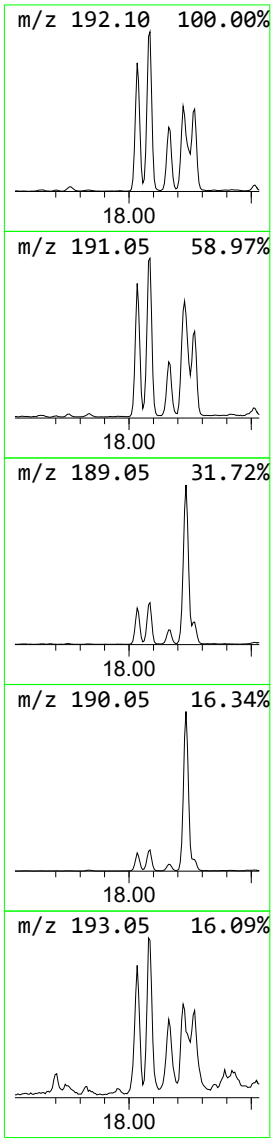
****

Peak Number 6 Phenanthrene, 2-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	6.96 ng	1213060	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
3	Anthracene, 1-methyl-	192	C15H12	000610-48-0	94
4	Anthracene, 9-methyl-	192	C15H12	000779-02-2	94
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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

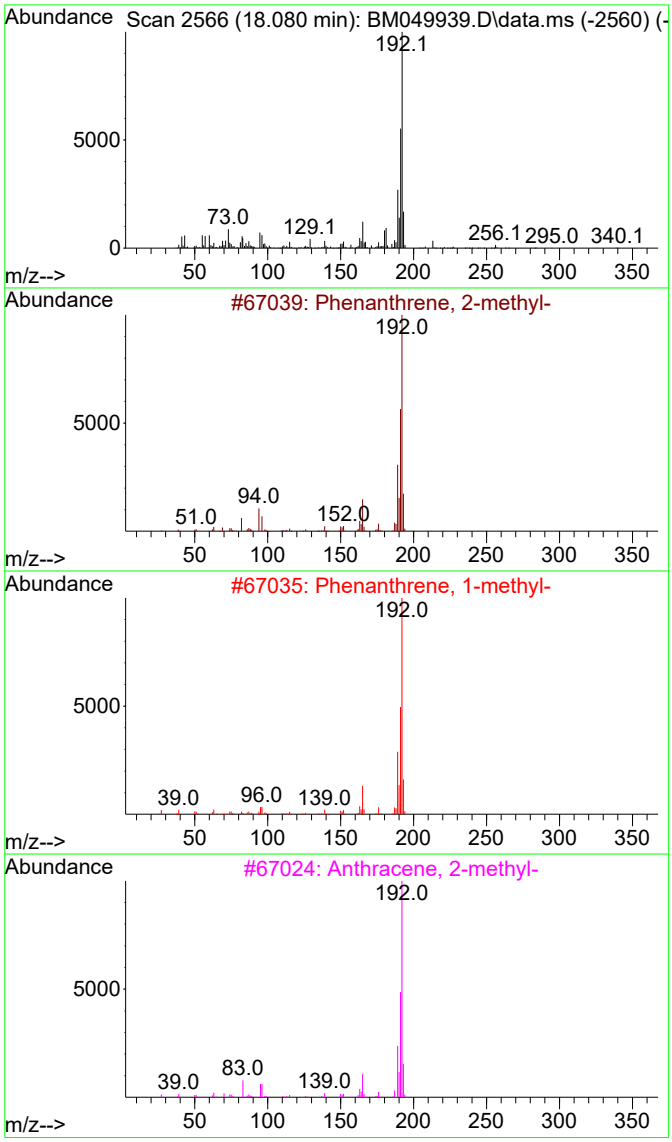
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

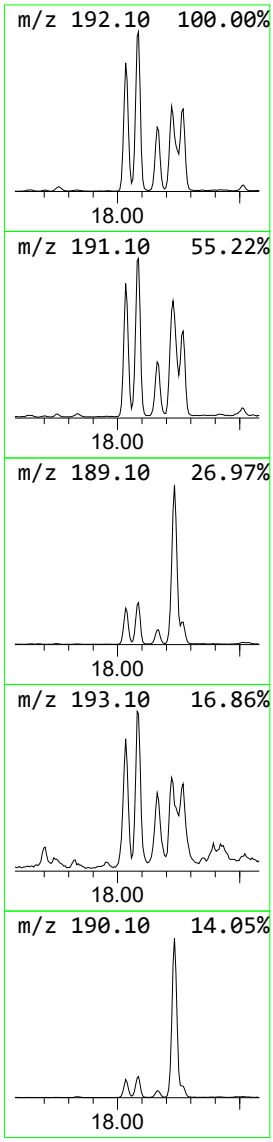
****

Peak Number 7 Phenanthrene, 1-methyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	21.83 ng	3804410	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	98
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	97
3	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	95
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	95





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Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

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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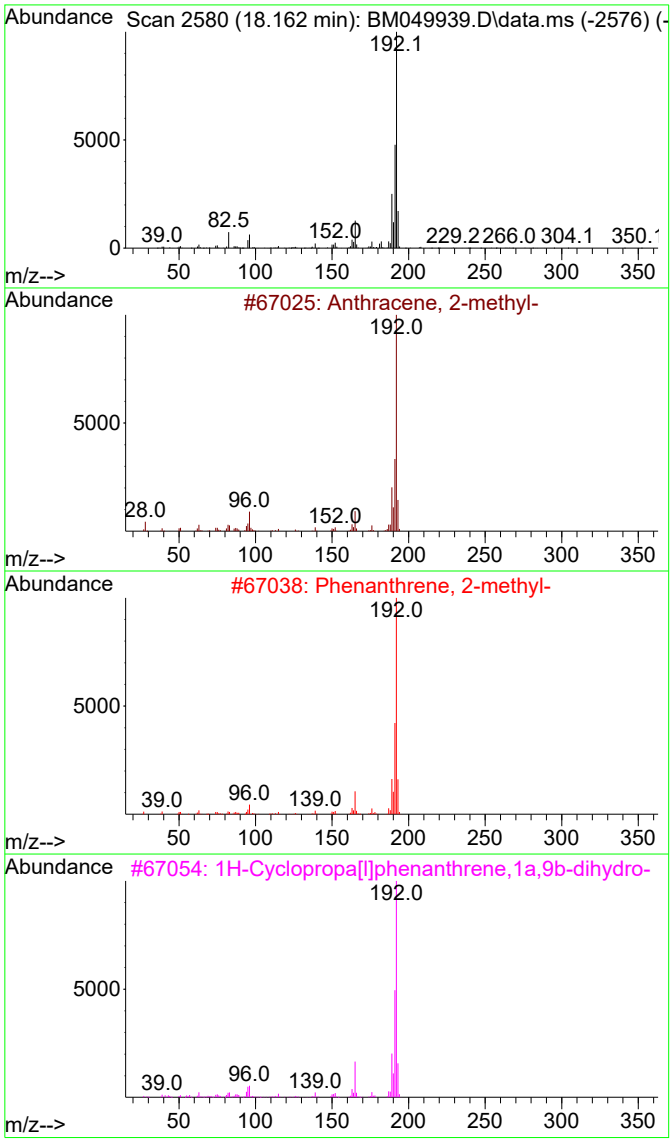
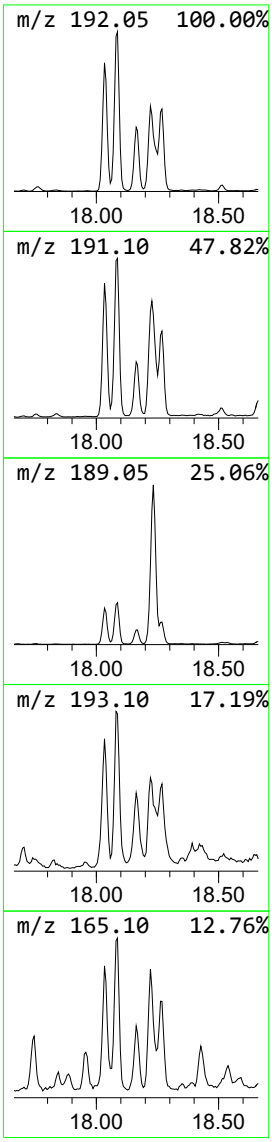
Peak Number 8 Anthracene, 2-methyl- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.163	4.60 ng	801617	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	93
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93





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Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

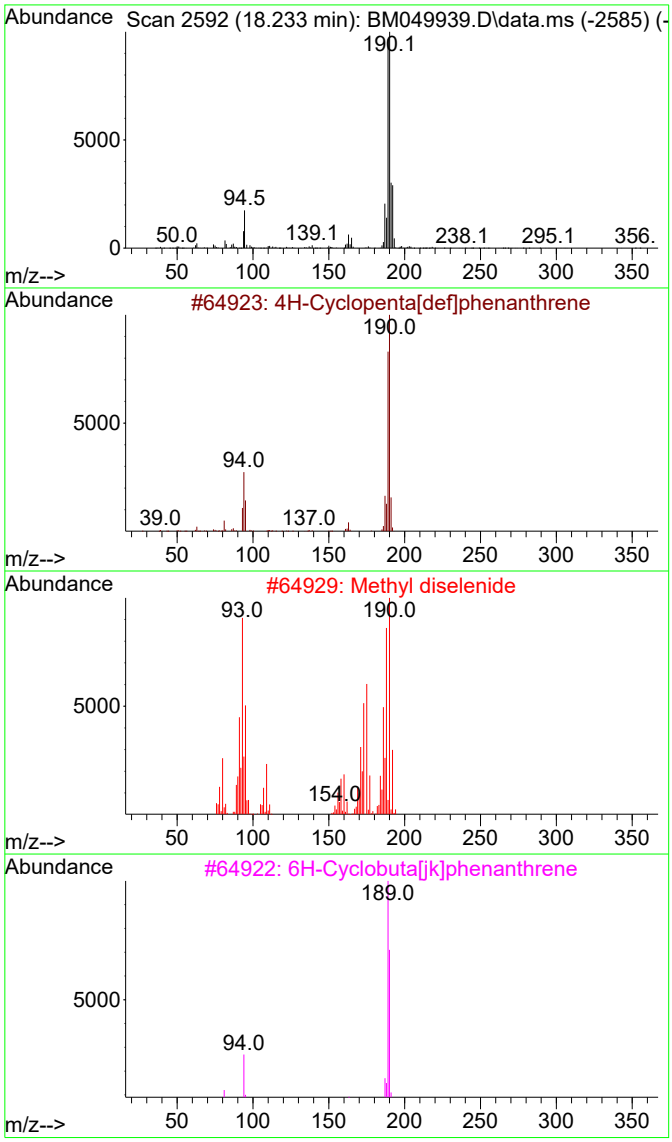
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

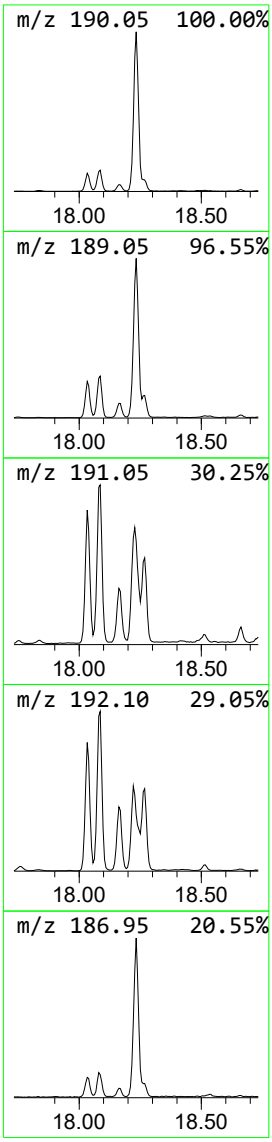
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.233	18.15 ng	3162650	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	Methyl diselenide	190	C2H6Se2	007101-31-7	55
3	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	50
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	45
5	2,4(1H,3H)-Pyrimidinedione, 5-br...	190	C4H3BrN2O2	000051-20-7	25





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Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

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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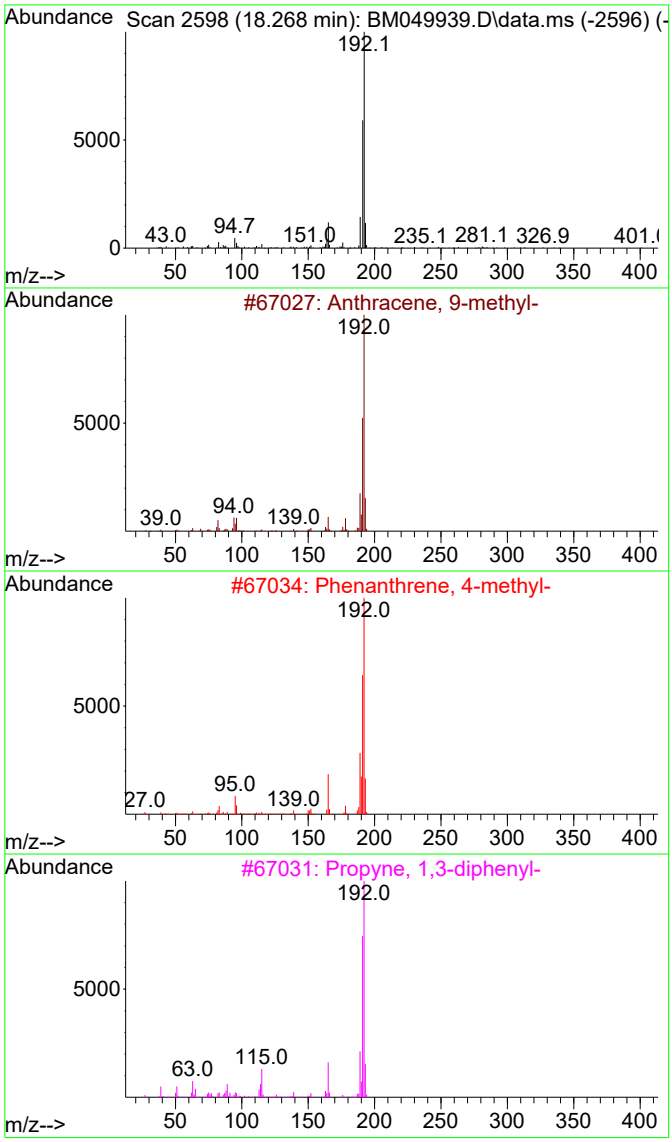
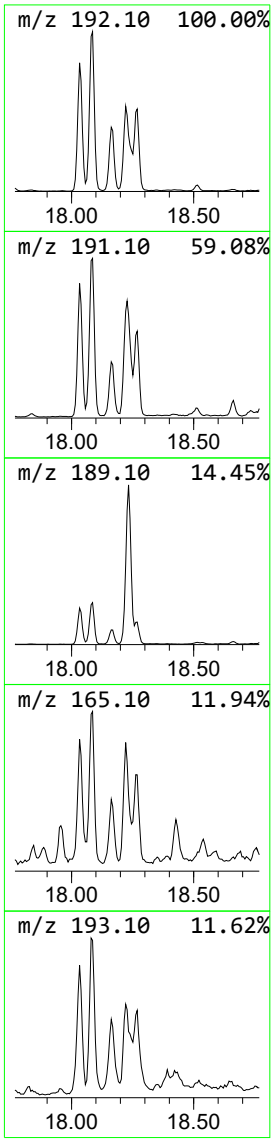
Peak Number 10 Anthracene, 9-methyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.268	3.96 ng	689822	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
2	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	83
3	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	83
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	80
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	72





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Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

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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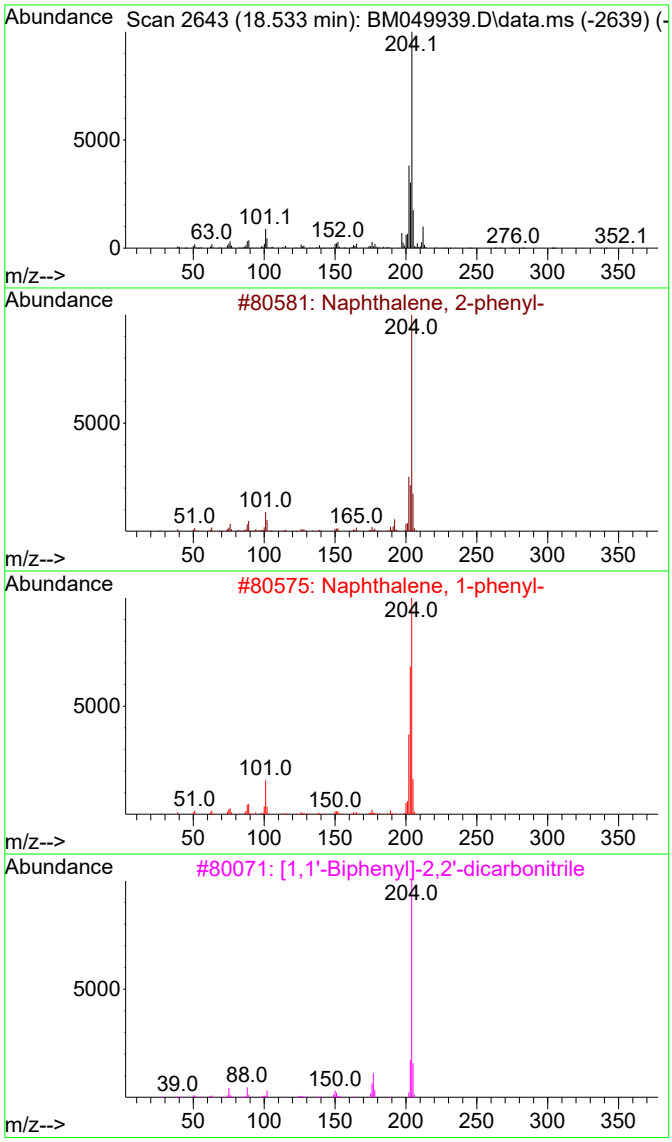
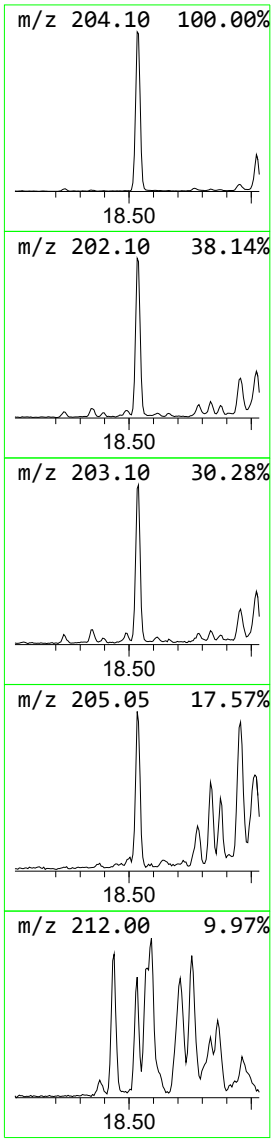
Peak Number 11 Naphthalene, 2-phenyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.533	4.87 ng	848566	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
2	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	46
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	43
4	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	43
5	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	43





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

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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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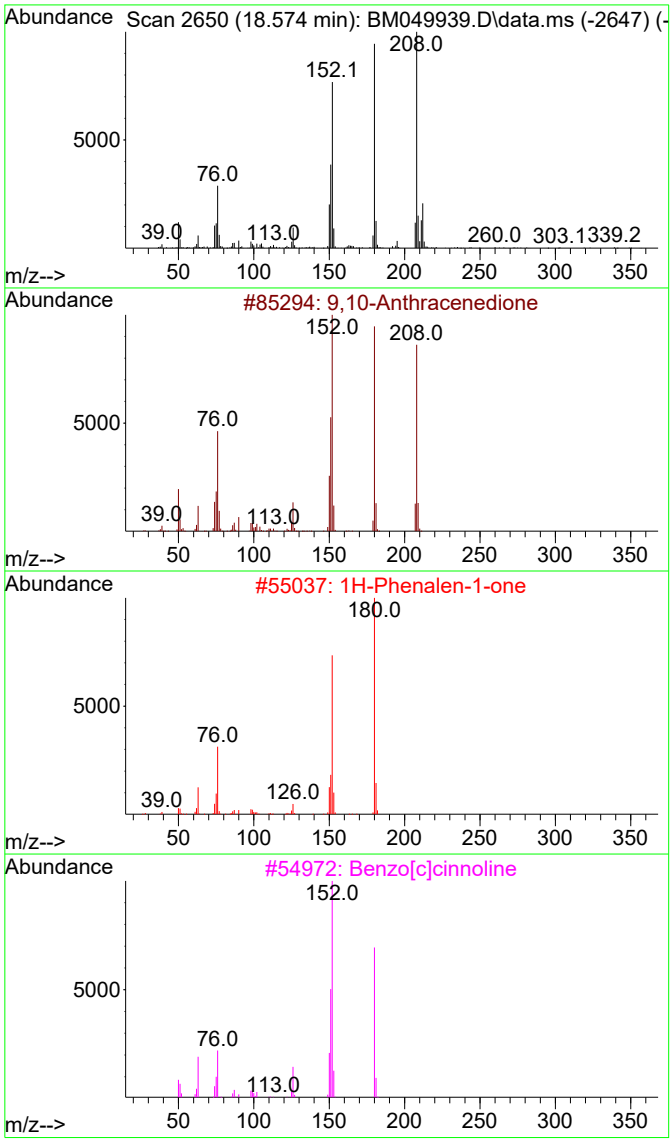
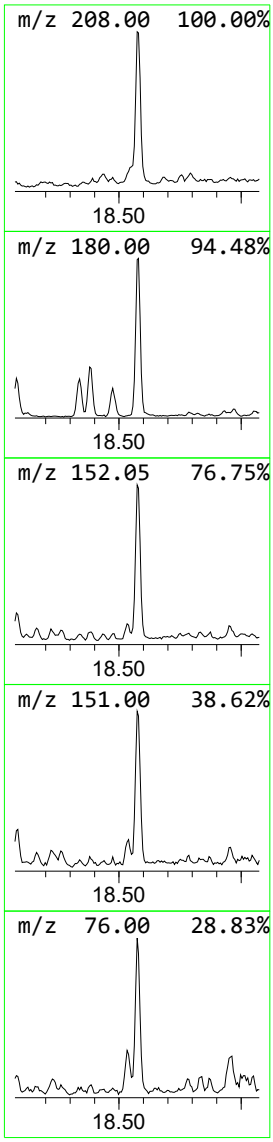
Peak Number 12 9,10-Anthracenedione Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.574	4.84 ng	844014	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	98
2	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	60
4	9H-Fluoren-9-one	180	C13H8O	000486-25-9	58
5	1,4-Anthracenedione	208	C14H8O2	000635-12-1	46





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
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ClientSampleId :
OR-03-041425

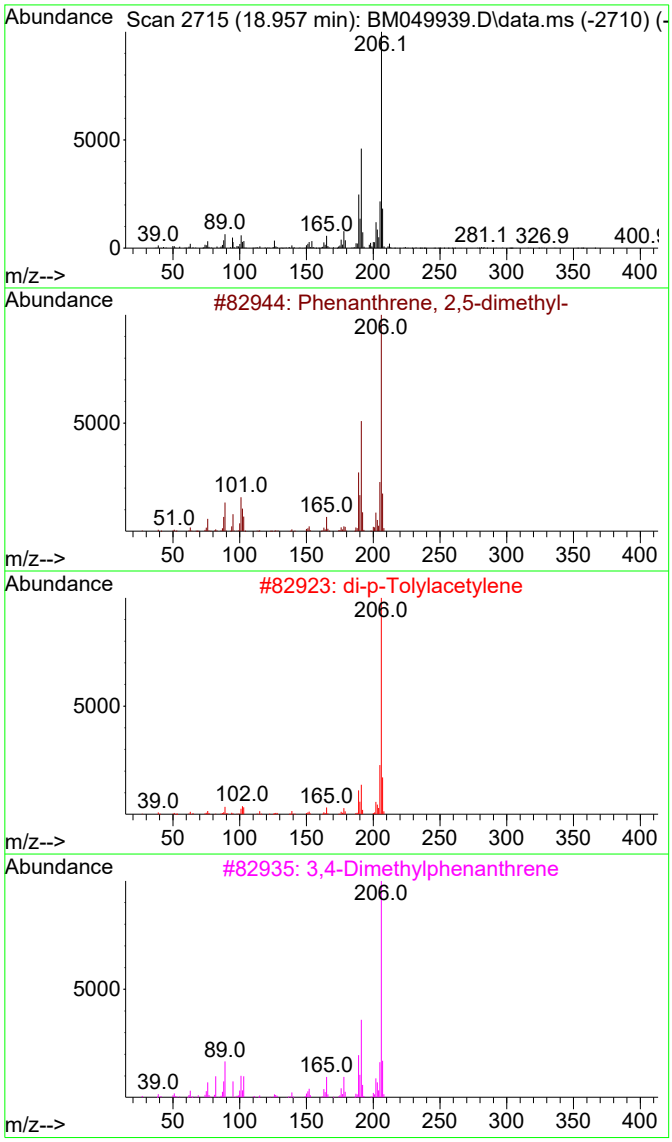
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

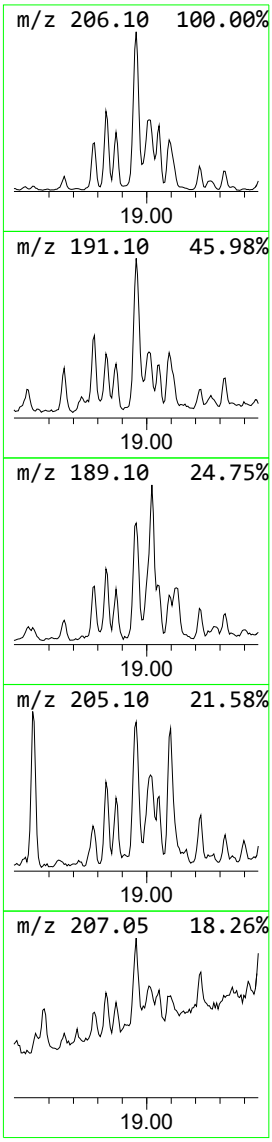
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 Phenanthrene, 2,5-dimethyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.956	5.69 ng	991423	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	93
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	91
3	3,4-Dimethylphenanthrene	206	C16H14	1000452-24-5	90
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	90
5	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	90





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Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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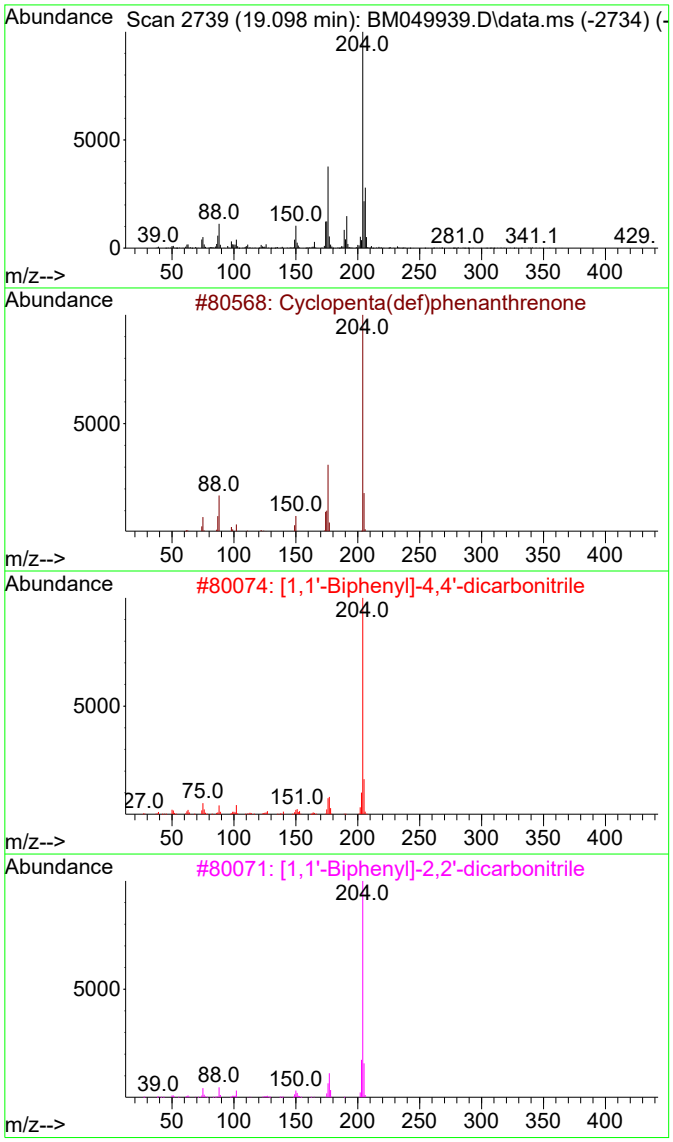
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

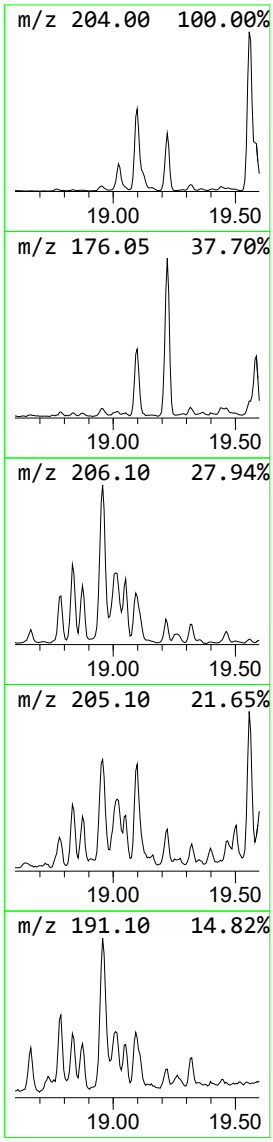
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Cyclopenta(def)phenanthrenone Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.098	5.54 ng	966291	Phenanthrene-d10	17.157

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	94
2	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	58
3	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	53
4	Pyrimidine, 4-chloro-6-(4-methyl...	204	C11H9ClN2	1000380-55-8	50
5	1,2,4,8-Tetramethylbicyclo[6.3.0...	204	C15H24	137235-51-9	49





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Sample : Q1806-01 2X
Misc :
ALS Vial : 14 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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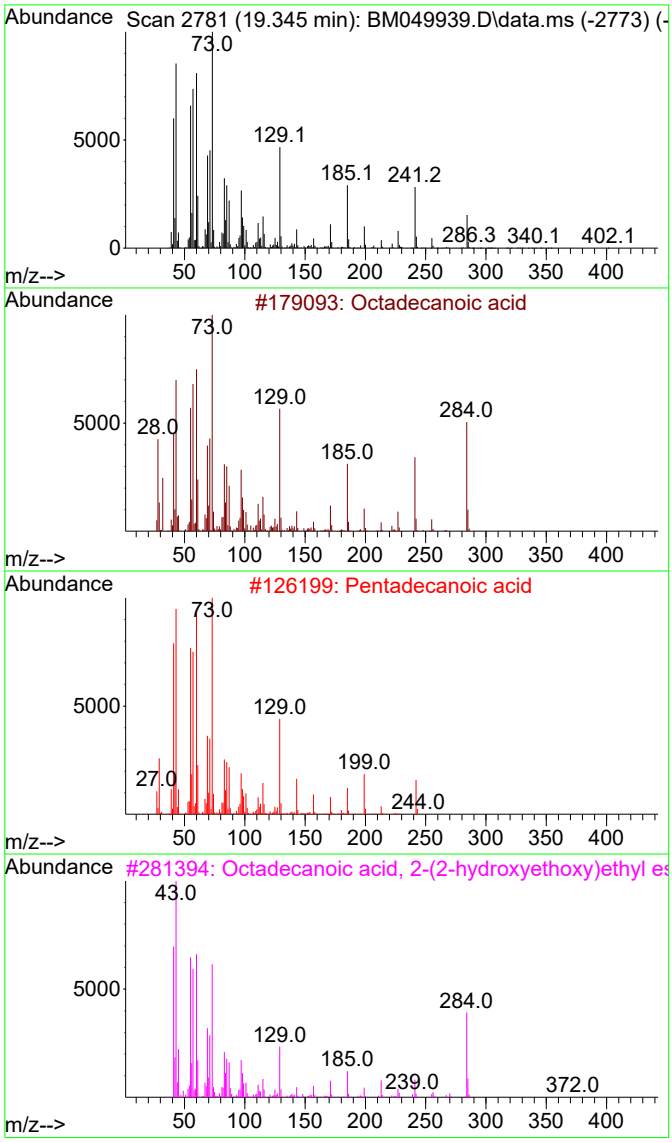
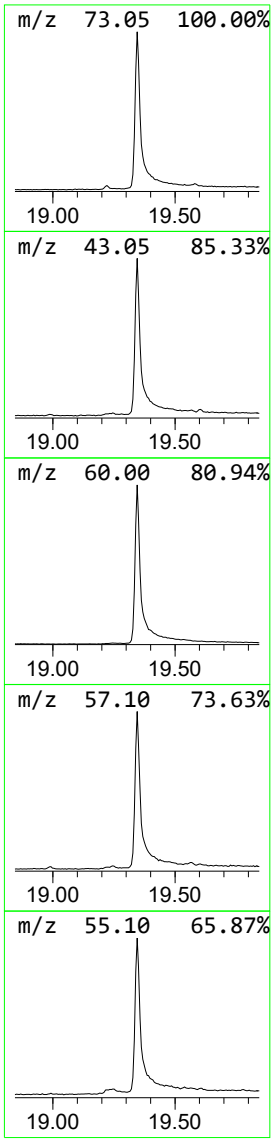
Peak Number 15 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.345	12.61 ng	7508690	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	91
3	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	90
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74





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Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

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ClientSampleId :
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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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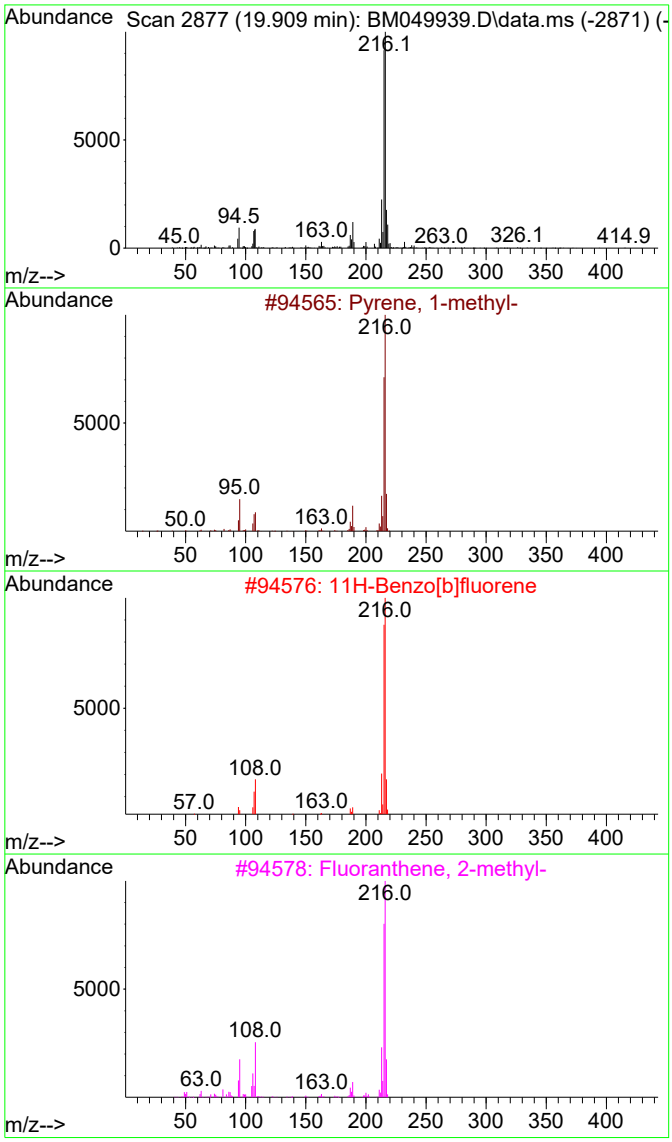
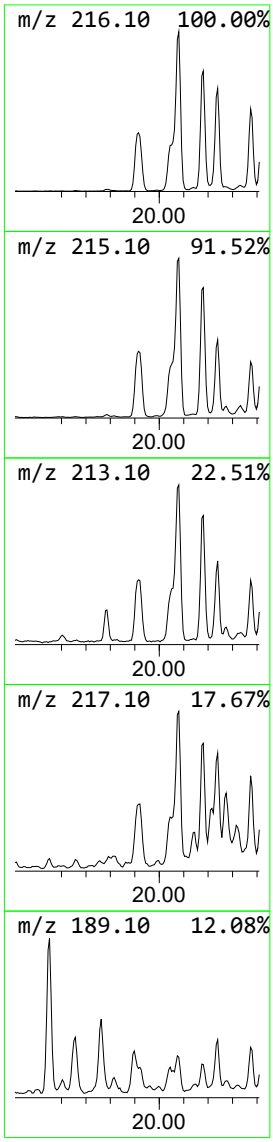
Peak Number 16 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.909	2.42 ng	1438860	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 1-methyl-	216	C17H12	002381-21-7	95
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	91
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	91
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	87





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Misc :
ALS Vial : 14 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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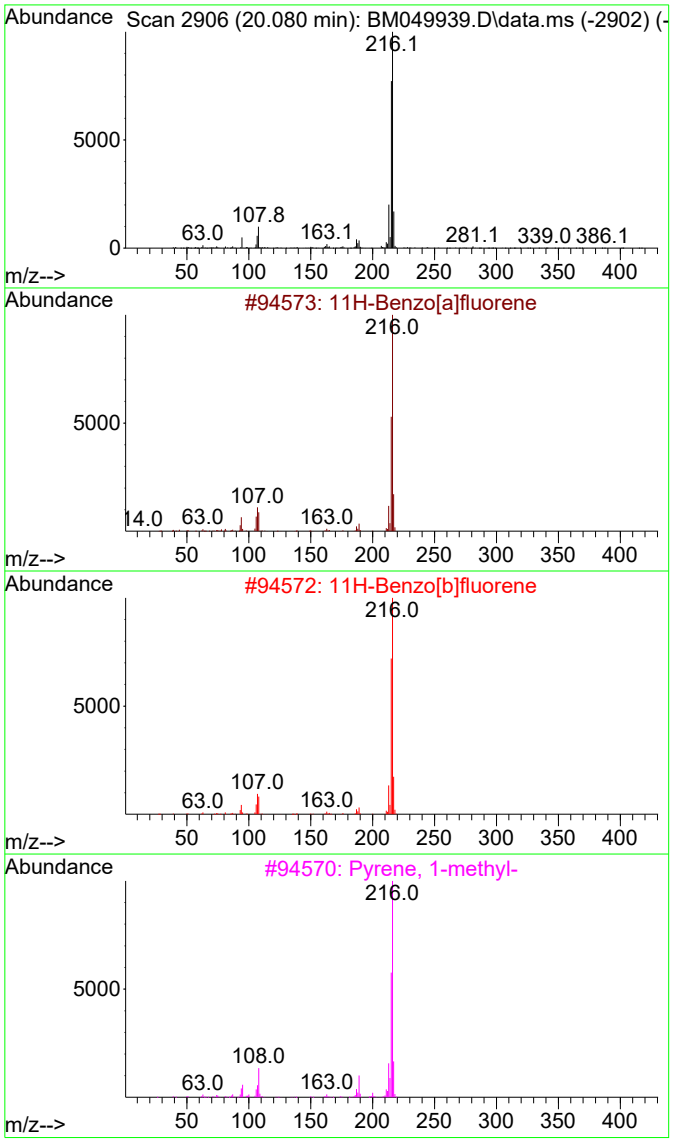
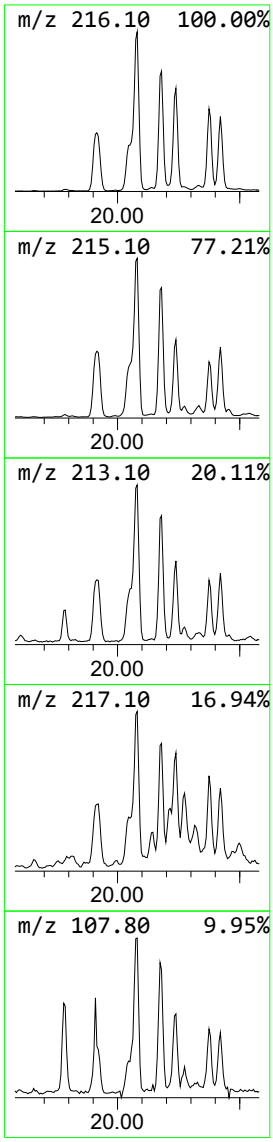
Peak Number 17 11H-Benzo[a]fluorene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	2.97 ng	1771240	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	94
2	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
5	Pyrene, 2-methyl-	216	C17H12	003442-78-2	68





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ALS Vial : 14 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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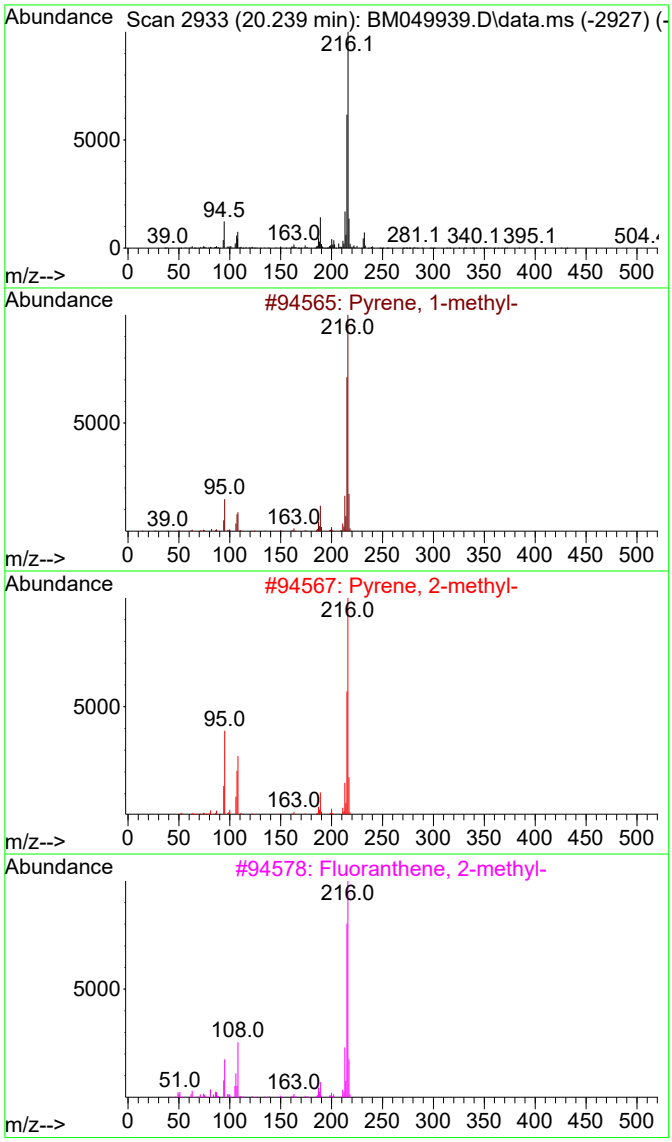
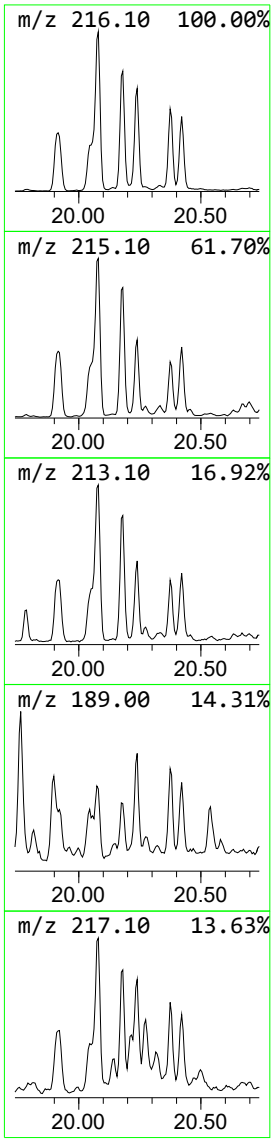
Peak Number 18 Pyrene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.239	2.29 ng	1361820	Chrysene-d12	21.398

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	93
3	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	87
4	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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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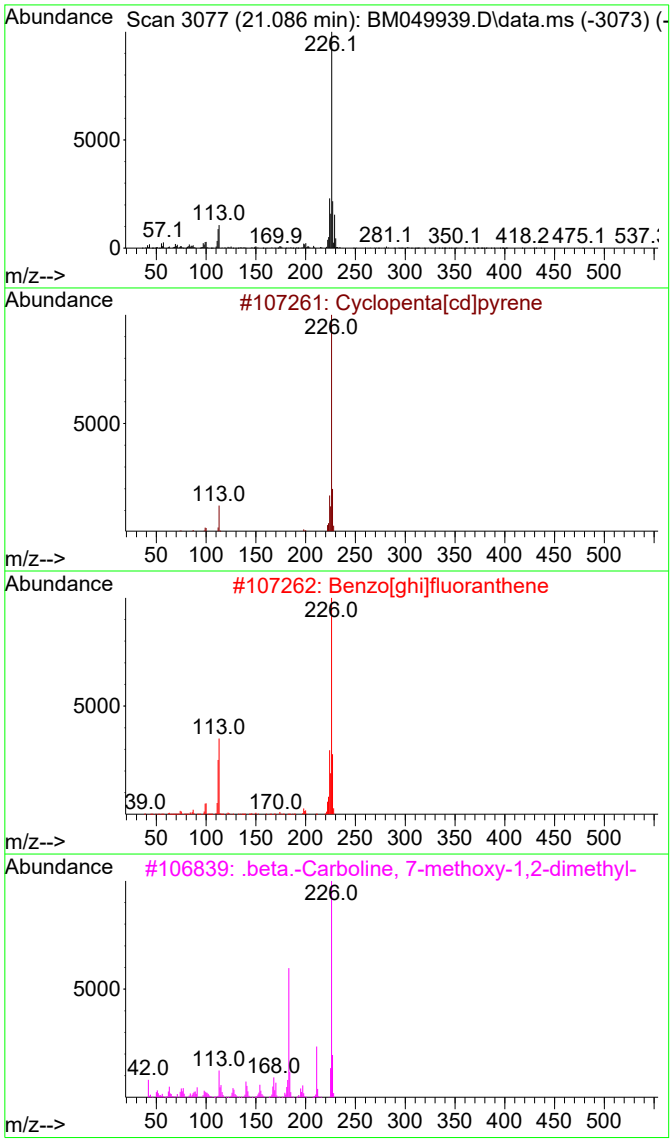
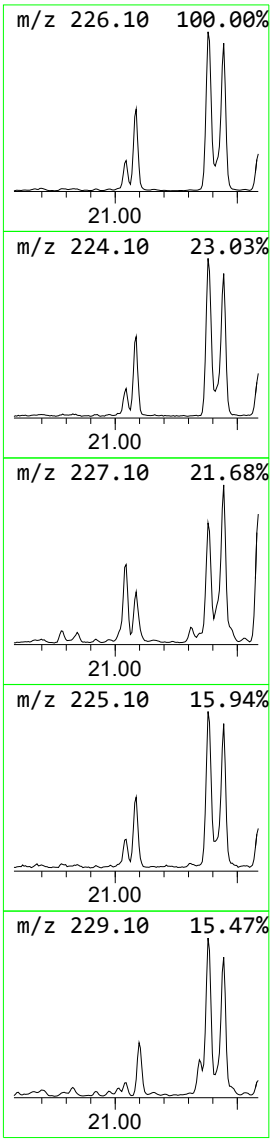
Peak Number 19 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.10 ng	1249800	Chrysene-d12	21.398

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta[cd]pyrene	226	C18H10	027208-37-3	76
2	Benzo[ghi]fluoranthene	226	C18H10	000203-12-3	76
3	.beta.-Carboline, 7-methoxy-1,2-...	226	C14H14N2O	006519-18-2	58
4	Benzene, [4-(3-ethynylphenyl)-1,...	226	C18H10	1000115-87-3	58
5	4-[5-(Furan-2-yl)-1H-1,2,4-triaz...	226	C12H10N4O	1000411-19-9	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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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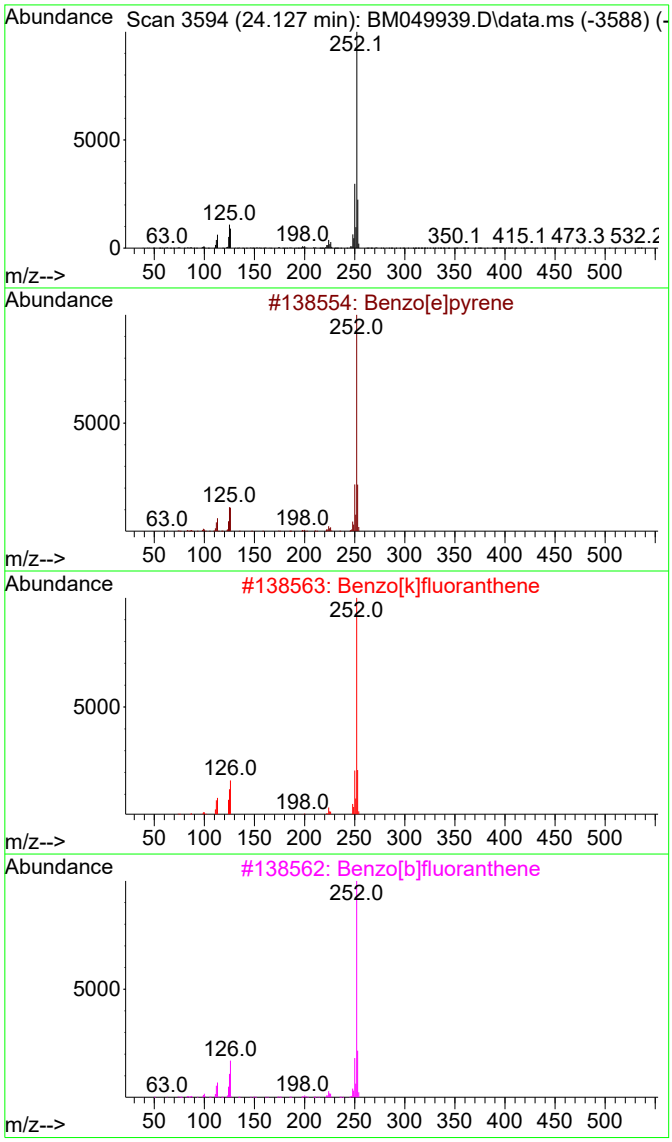
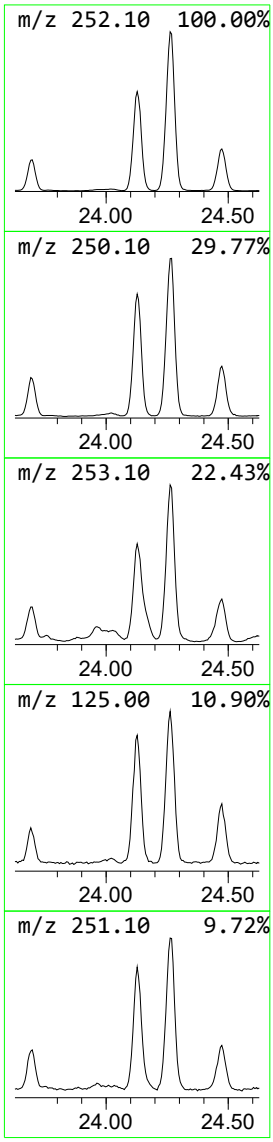
Peak Number 20 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.127	24.43 ng	4199970	Perylene-d12	24.403

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	95
3	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
4	Benzo[a]pyrene	252	C20H12	000050-32-8	93
5	Perylene	252	C20H12	000198-55-0	91





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049939.D
Acq On : 15 Apr 2025 17:52
Operator : RC/JU
Sample : Q1806-01 2X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
OR-03-041425

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
2-Pentanone, 4-...	4.893	9.5	ng	1048780	1	7.769	2205440	20.0
2-Pentanone, 4-...	5.969	3.2	ng	349242	1	7.769	2205440	20.0
Benzophenone	15.769	5.3	ng	826567	3	14.416	3141310	20.0
Dibenzothiophene	16.980	4.1	ng	714183	4	17.157	3485970	20.0
4-Methylnaphtho...	17.739	2.3	ng	396084	4	17.157	3485970	20.0
Phenanthrene, 2...	18.033	7.0	ng	1213060	4	17.157	3485970	20.0
Phenanthrene, 1...	18.080	21.8	ng	3804410	4	17.157	3485970	20.0
Anthracene, 2-m...	18.163	4.6	ng	801617	4	17.157	3485970	20.0
4H-Cyclopenta[d...	18.233	18.1	ng	3162650	4	17.157	3485970	20.0
Anthracene, 9-m...	18.268	4.0	ng	689822	4	17.157	3485970	20.0
Naphthalene, 2-...	18.533	4.9	ng	848566	4	17.157	3485970	20.0
9,10-Anthracene...	18.574	4.8	ng	844014	4	17.157	3485970	20.0
Phenanthrene, 2...	18.956	5.7	ng	991423	4	17.157	3485970	20.0
Cyclopenta(def)...	19.098	5.5	ng	966291	4	17.157	3485970	20.0
Octadecanoic acid	19.345	12.6	ng	7508690	5	21.398	11913500	20.0
Pyrene, 1-methyl-	19.909	2.4	ng	1438860	5	21.398	11913500	20.0
11H-Benzo[a]flu...	20.080	3.0	ng	1771240	5	21.398	11913500	20.0
Pyrene, 2-methyl-	20.239	2.3	ng	1361820	5	21.398	11913500	20.0
Cyclopenta[cd]p...	21.086	2.1	ng	1249800	5	21.398	11913500	20.0
Benzo[e]pyrene	24.127	24.4	ng	4199970	6	24.403	3438530	20.0