LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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: BM049934.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.887	317	323	334	rVB	1055910	1549380	4.47%	0.594%
2	5.357	395	403	410	rBV	5098736	7309653	21.11%	2.803%
3	5.963	501	506	514	rBV	471174	685502	1.98%	0.263%
4	6.769	633	643	647	rBV2	161618	365470	1.06%	0.140%
5	6.951	664	674	689	rBV	4453888	7514351	21.70%	2.881%
6	7.769	805	813	821	rVB	1626133	2503452	7.23%	0.960%
7	8.927	1004	1010	1020	rVB	2782675	4528462	13.08%	1.736%
8	10.563	1279	1288	1294	rBV	1752228	3026505	8.74%	1.160%
9	13.033	1701	1708	1720	rBV	6857814	9908742	28.62%	3.799%
10	14.133	1888	1895	1907	rBV	525528	877121	2.53%	0.336%
11	14.415	1934	1943	1949	rBV	2483892	3684961	10.64%	1.413%
12	14.474	1949	1953	1962	rVB	396951	658869	1.90%	0.253%
13	14.815	2005	2011	2019	rVV	292620	489627	1.41%	0.188%
14	15.462	2115	2121	2133	rVB	537027	842282	2.43%	0.323%
15	15.768	2167	2173	2181	rVB2	962099	1461694	4.22%	0.560%
16	15.904	2189	2196	2204	rBV	5697269	7854519	22.68%	3.011%
17	16.139	2231	2236	2244	rBV3	201291	389922	1.13%	0.149%
18	16.468	2282	2292	2296	rBV3	148723	348017	1.01%	0.133%
19	16.974	2374	2378	2387	rVB	315390	507838	1.47%	0.195%
20	17.156	2404	2409	2413	rBV2	2698451	3966714	11.46%	1.521%
21	17.198	2413	2416	2423	rVV	4959240	6732192	19.44%	2.581%
22	17.292	2423	2432	2437	rVB	1486056	2153619	6.22%	0.826%
23	17.562	2472	2478	2482	rBV	362850	561014	1.62%	0.215%
24	18.033	2554	2558	2560	rBV	710318	986791	2.85%	0.378%
25	18.080	2560	2566	2577	rVV2	13954425	22768276	65.75%	8.730%
26	18.227	2586	2591	2596	rBV3	1092460	1924849	5.56%	0.738%
27	18.539	2640	2644	2647	rVV	495021	612611	1.77%	0.235%
28	18.580	2648	2651	2661	rVB4	202909	433356	1.25%	0.166%
29	18.956	2710	2715	2719	rBV	634867	1043187	3.01%	0.400%
30	19.097	2735	2739	2744	rBV3	302316	591145	1.71%	0.227%
31	19.221	2754	2760	2767	rBV	12065699	15591227	45.03%	5.978%
32	19.280	2767	2770	2773	rVB2	301645	366662	1.06%	0.141%
33	19.356	2773	2783	2797	rBV	17875155	34627314	100.00%	13.276%
34	19.586	2817	2822	2830	rVB	9913316	14002721	40.44%	5.369%
35	19.656	2830	2834	2840	rVB3	489318	855658	2.47%	0.328%
36	19.786	2848	2856	2860	rBV	9702209	11563644	33.39%	4.434%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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	19.909	2871	2877	2883	rBV2	653606	1649176	4.76%	0.632%
38	20.044	2895	2900	2901	rBV2	520033	790671	2.28%	0.303%
39	20.080	2902	2906	2914	rVB	1931838	2767907	7.99%	1.061%
40	20.180	2919	2923	2927	rVV	1566506	1935105	5.59%	0.742%
41	20.233	2927	2932	2937	rVB2	912310	1506839	4.35%	0.578%
42	20.374	2953	2956	2960	rBV	587246	755208	2.18%	0.290%
43	20.421	2961	2964	2968	rVB	588374	734972	2.12%	0.282%
44	20.827	3030	3033	3040	rVB3	440392	764785	2.21%	0.293%
45	21.003	3059	3063	3066	rBV	739246	921698	2.66%	0.353%
46	21.044	3066	3070	3073	rVB	717501	825451	2.38%	0.316%
47	21.086	3073	3077	3083	rBV3	988059	1651836	4.77%	0.633%
48	21.385	3122	3128	3134	rBV2	7438095	15201521	43.90%	5.828%
49	21.444	3134	3138	3149	rVB	5525368	8465346	24.45%	3.246%
50	21.585	3158	3162	3169	rBV2	1052846	1686638	4.87%	0.647%
51	21.785	3191	3196	3202	rVB2	533714	1047254	3.02%	0.402%
52	22.156	3256	3259	3265	rVB2	652685	1021004	2.95%	0.391%
53	22.344	3288	3291	3294	rVB	353412	388216	1.12%	0.149%
54	23.462	3473	3481	3488	rBV	4487140	13372283	38.62%	5.127%
55	23.691	3516	3520	3528	rVB	926093	1823753	5.27%	0.699%
56	24.132	3588	3595	3607	rVB	2740593	7128165	20.59%	2.733%
57	24.268	3610	3618	3629	rVB	4166190	10358370	29.91%	3.971%
58	24.409	3634	3642	3647	rBV	1815028	4558952	13.17%	1.748%
59	27.797	4209	4218	4239	rVB2	1884339	8176159	23.61%	3.135%

Sum of corrected areas: 260818656

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
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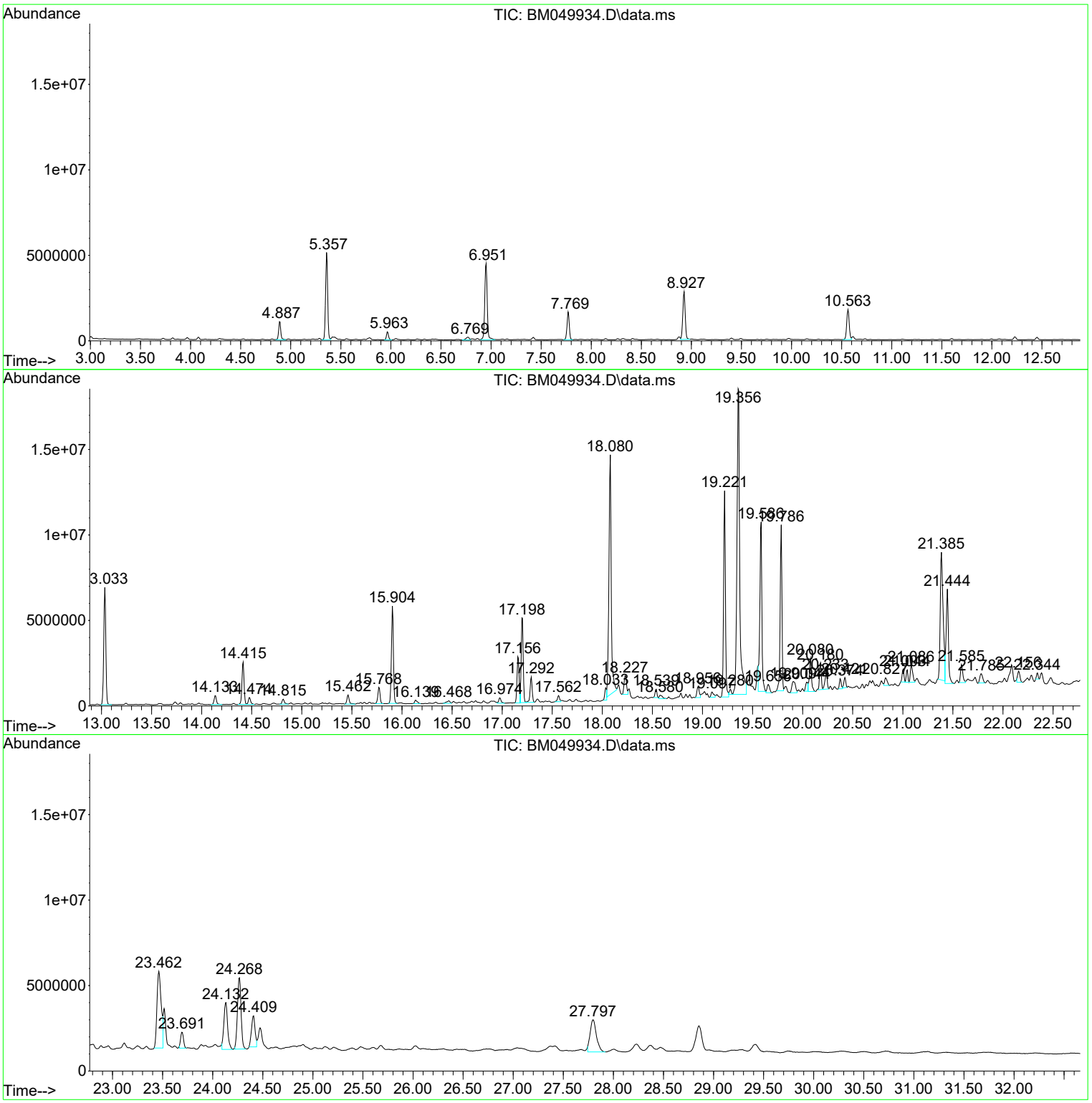
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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 : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
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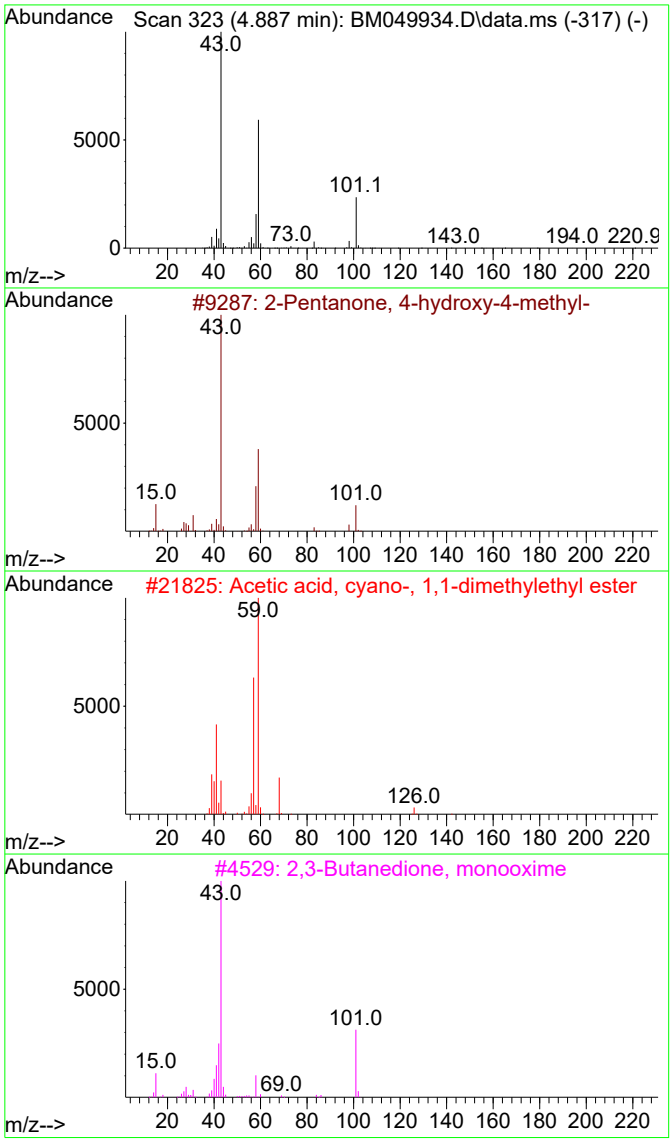
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

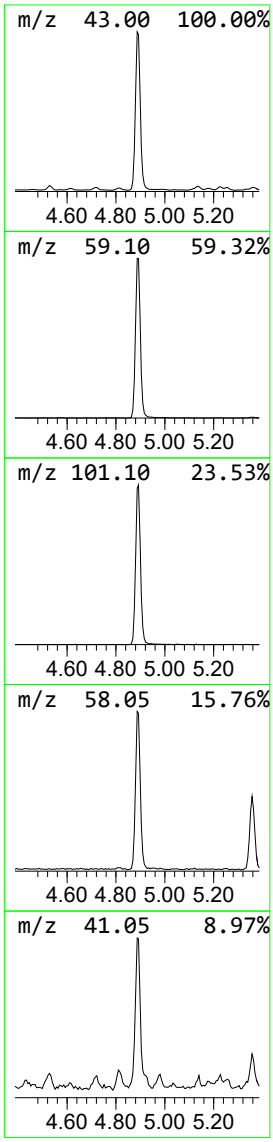
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.887	12.38 ng	1549380	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	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

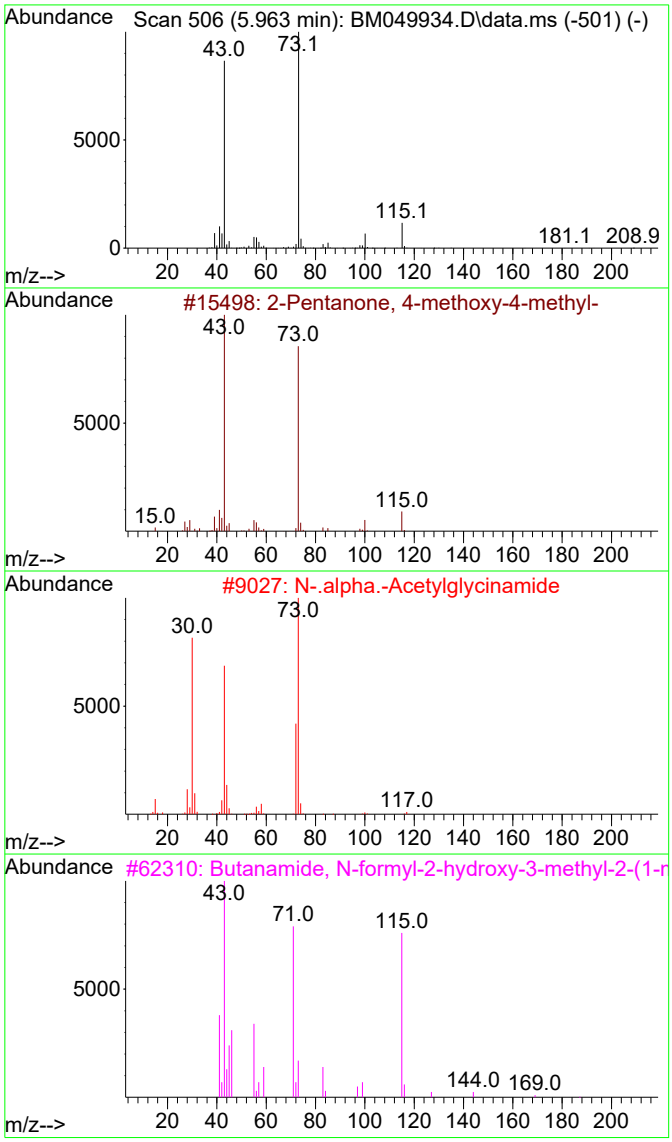
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

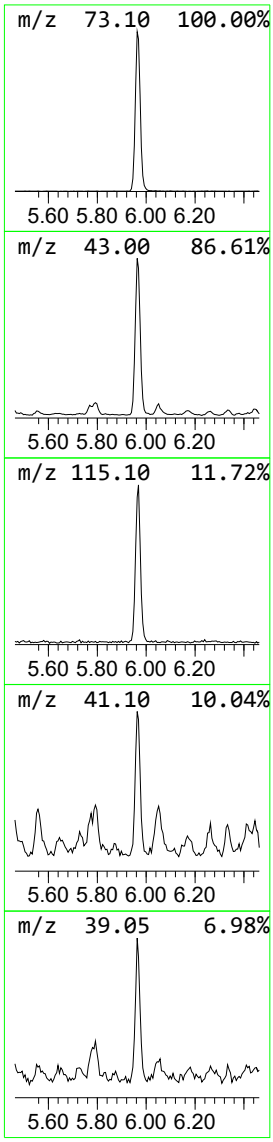
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 2 2-Pentanone, 4-methoxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.963	5.48 ng	685502	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	83
2	N-.alpha.-Acetylglycinamide	116	C4H8N2O2	002620-63-5	28
3	Butanamide, N-formyl-2-hydroxy-3...	187	C9H17NO3	056440-42-7	25
4	2-Pentanone, 3-methyl-	100	C6H12O	000565-61-7	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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

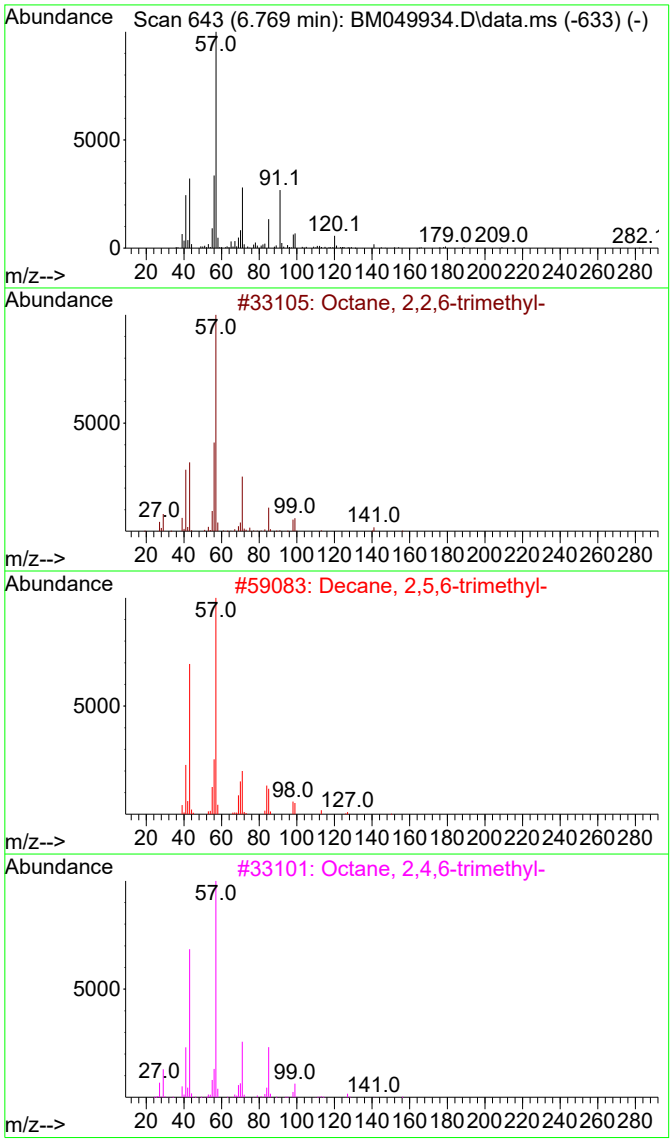
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

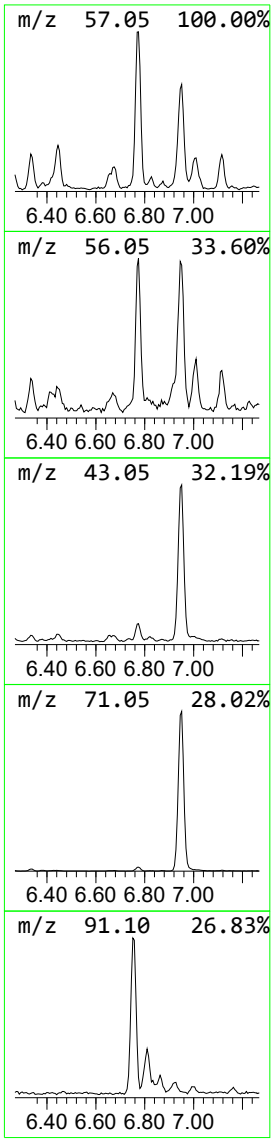
****

Peak Number 3 Octane, 2,2,6-trimethyl- Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.769	2.92 ng	365470	1,4-Dichlorobenzene-d4	7.769

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octane, 2,2,6-trimethyl-	156	C11H24	062016-28-8	78
2	Decane, 2,5,6-trimethyl-	184	C13H28	062108-23-0	64
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	50
4	Octane, 4-ethyl-	142	C10H22	015869-86-0	50
5	Undecane, 2,6-dimethyl-	184	C13H28	017301-23-4	50





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
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Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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

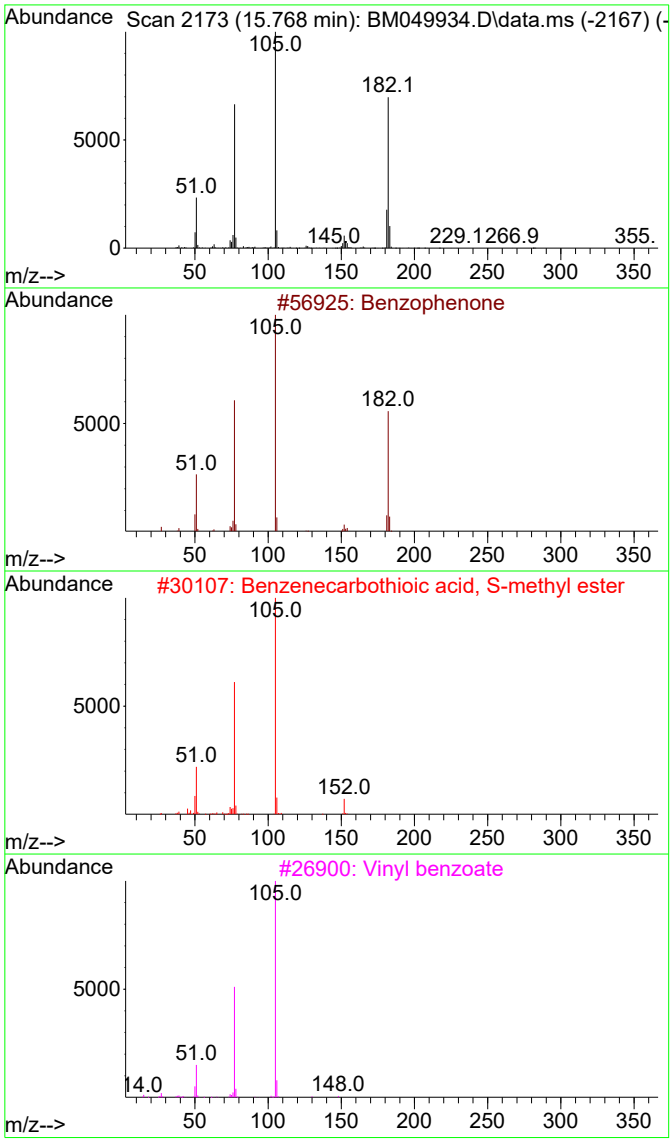
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

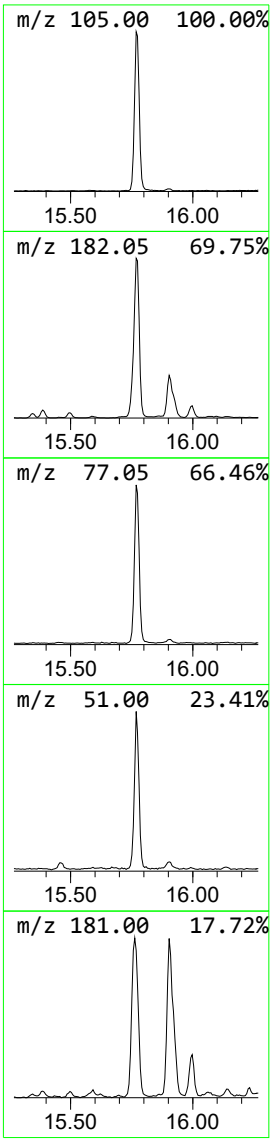
****

Peak Number 5 Benzophenone Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.768	7.93 ng	1461690	Acenaphthene-d10	14.415

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	97
2	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	46
3	Vinyl benzoate	148	C9H8O2	000769-78-8	43
4	Benzoyl isothiocyanate	163	C8H5NOS	000532-55-8	43
5	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	43





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Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
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ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
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

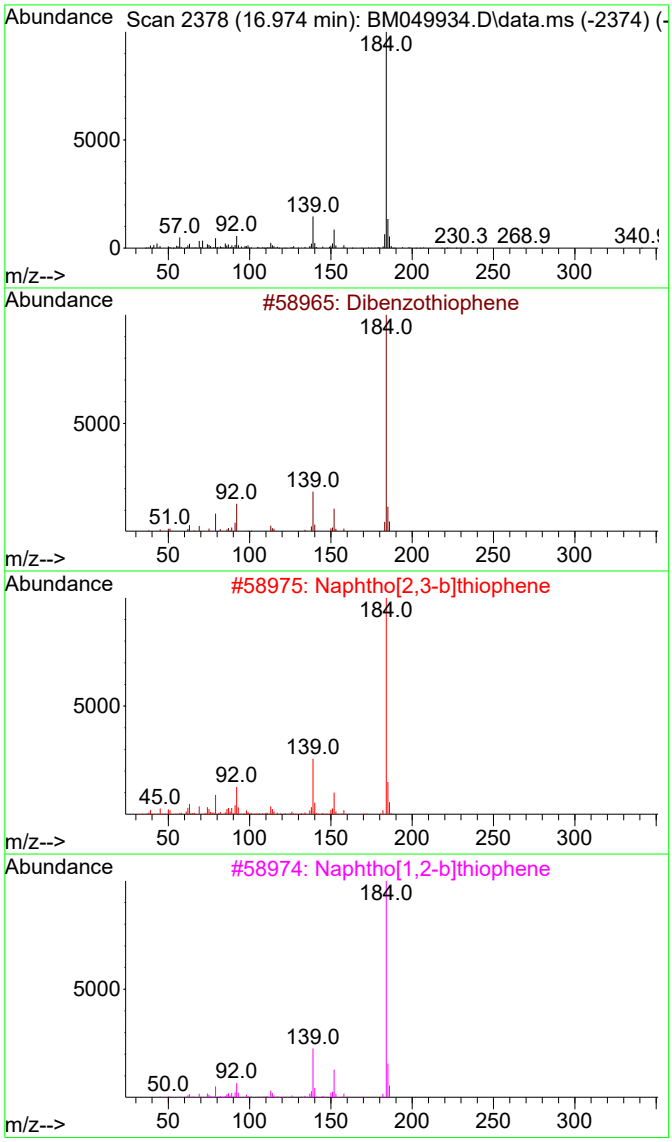
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

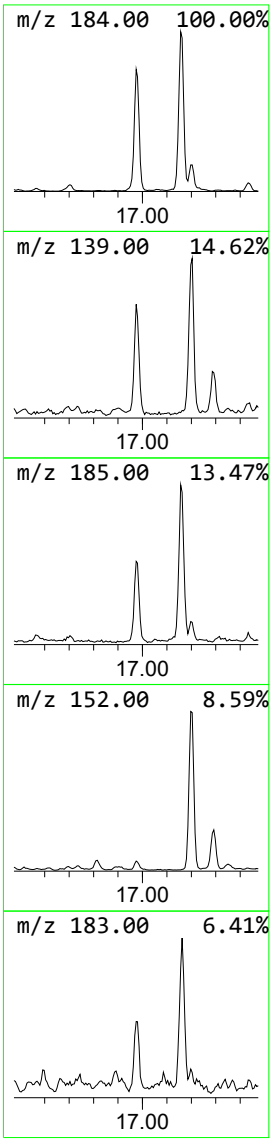
****

Peak Number 6 Dibenzothiophene Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.974	2.56 ng	507838	Phenanthrene-d10	17.156

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	93
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90
5	Dibenzothiophene, 5-oxide	200	C12H8OS	001013-23-6	78





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Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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

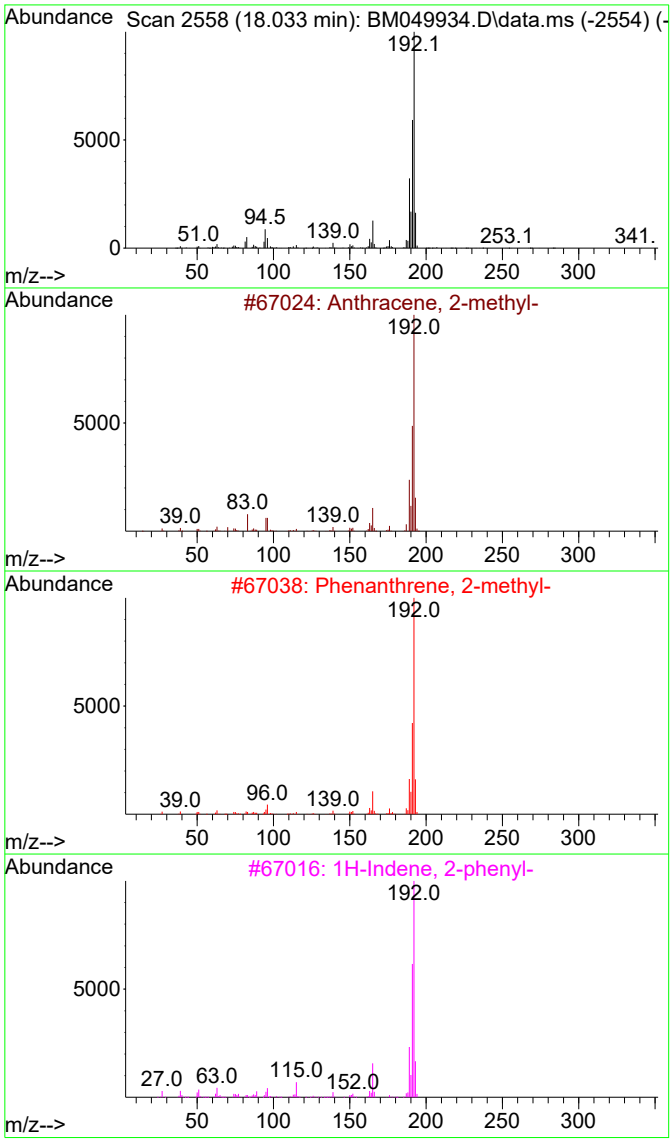
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

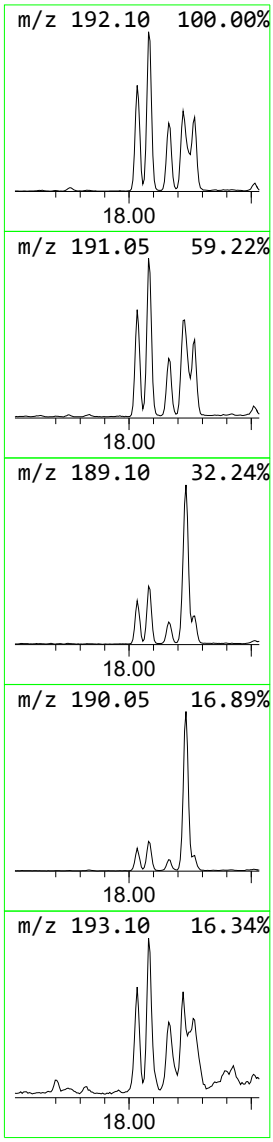
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.033	4.98 ng	986791	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	95
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	95
3	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	94
4	1H-Indene, 1-phenyl-	192	C15H12	001961-96-2	93
5	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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

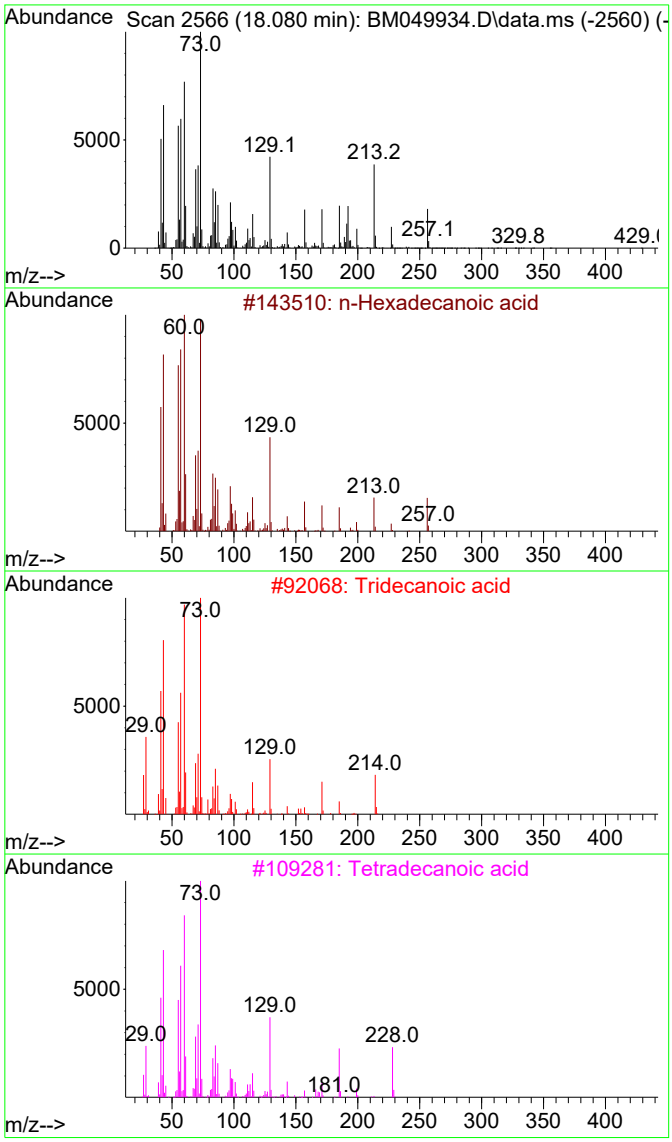
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

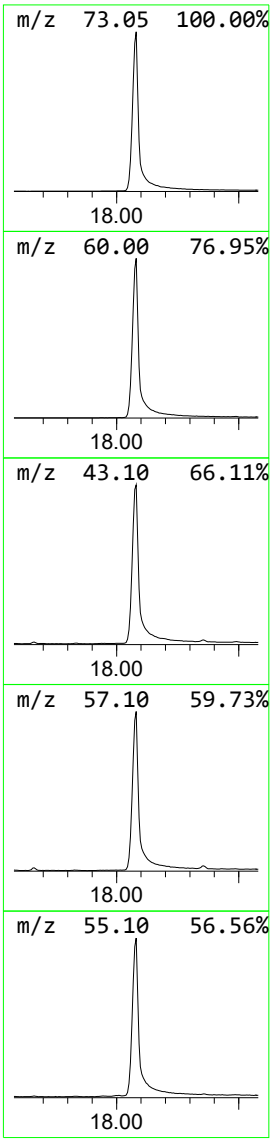
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.080	114.80 ng	22768300	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	86
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	68
4	n-Decanoic acid	172	C10H20O2	000334-48-5	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	62





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

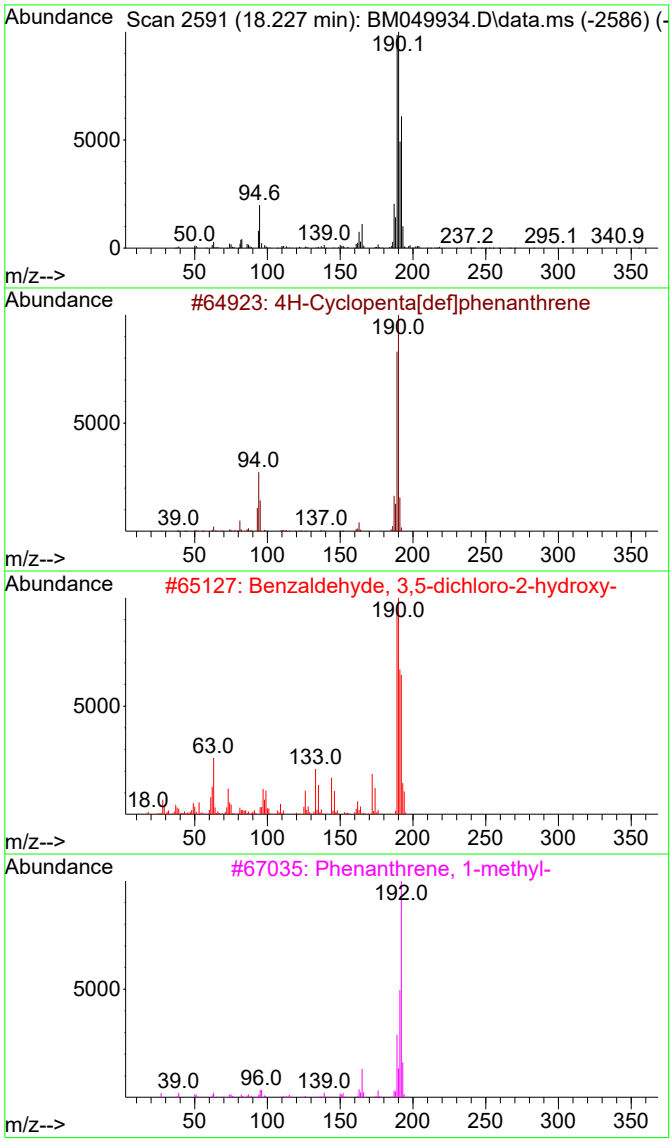
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040825.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

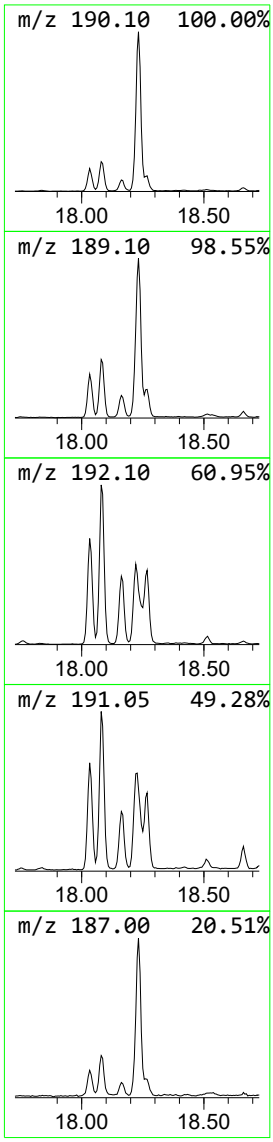
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 9 4H-Cyclopenta[def]phenanthrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	9.71 ng	1924850	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	92
2	Benzaldehyde, 3,5-dichloro-2-hyd...	190	C7H4Cl2O2	000090-60-8	72
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	25
4	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
5	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	20





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Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

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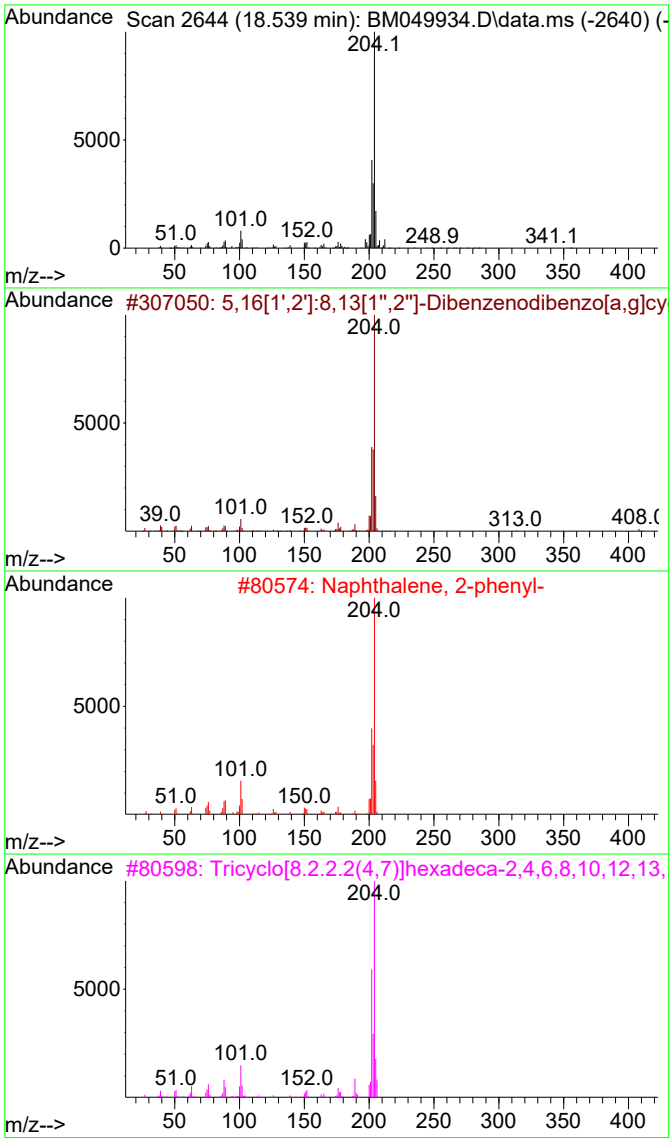
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

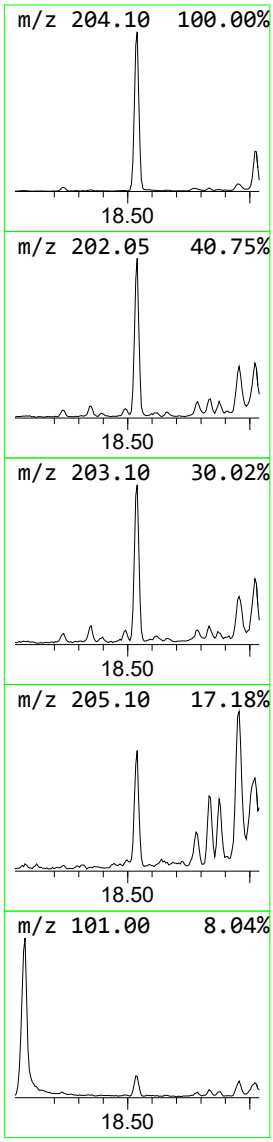
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 5,16[1',2']:8,13[1'',2'']-D... Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.539	3.09 ng	612611	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	87
2	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	83
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	50
4	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	50
5	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	49





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Sample : Q1787-09
Misc :
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ClientSampleId :
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

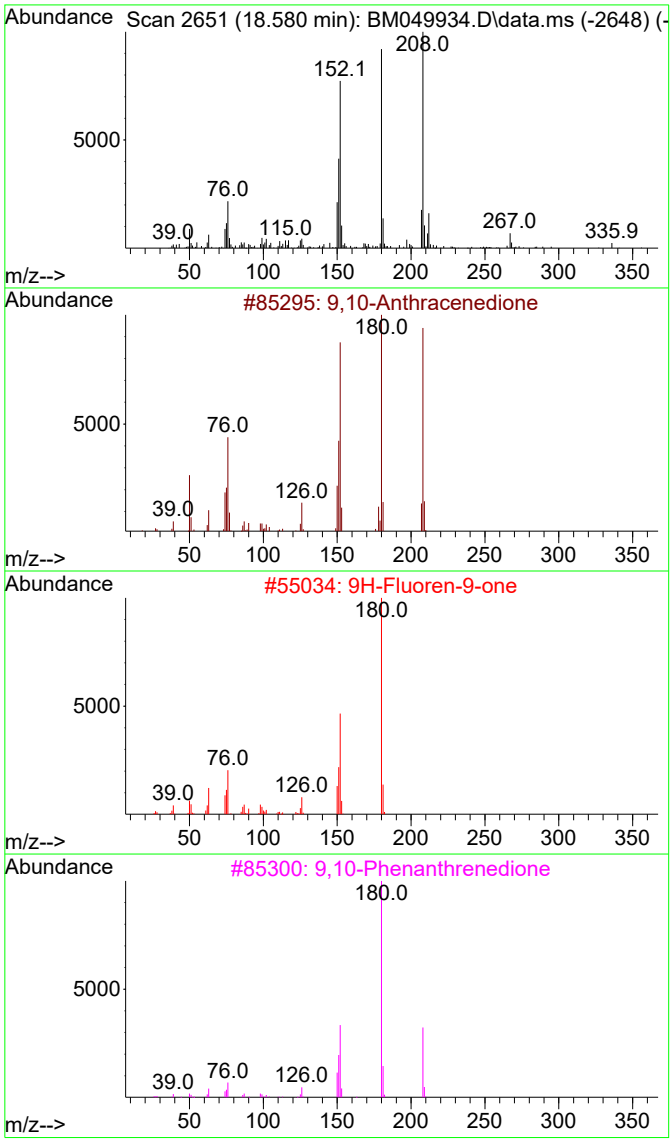
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

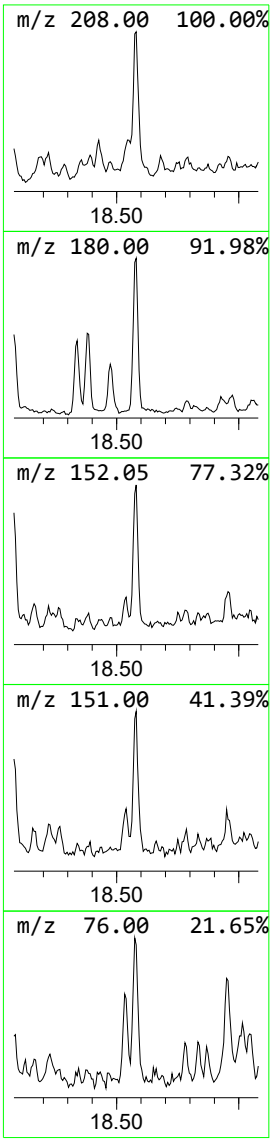
****

Peak Number 11 9,10-Anthracenedione Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.580	2.18 ng	433356	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	70
3	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
4	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	58
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	55





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

TIC Library : C:\Database\NIST20.L
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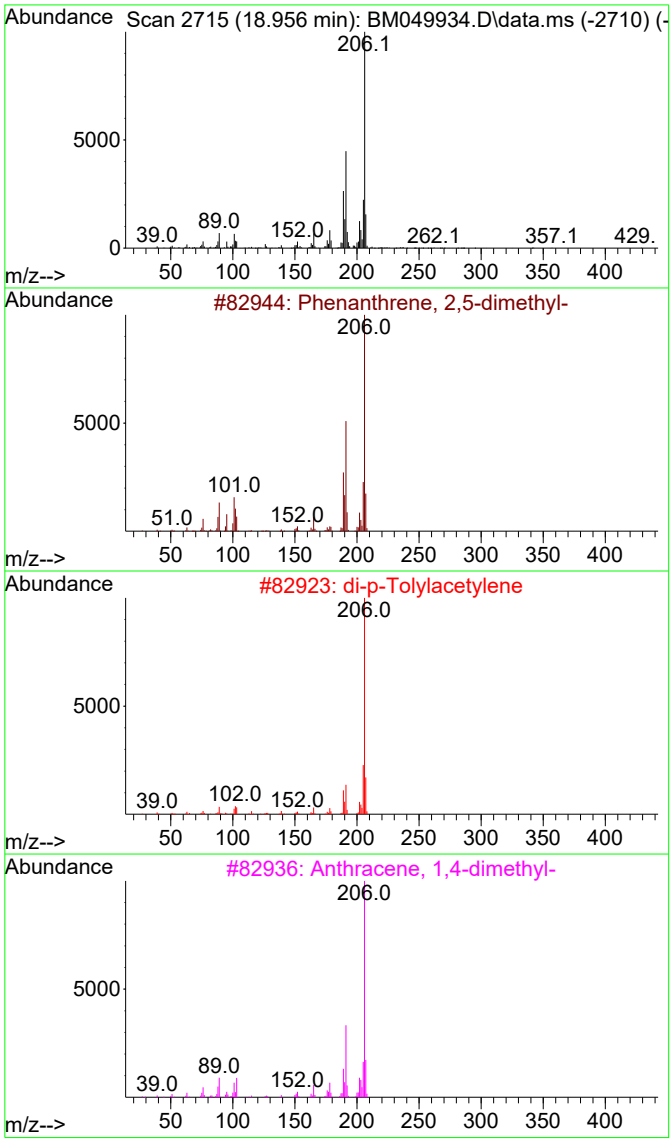
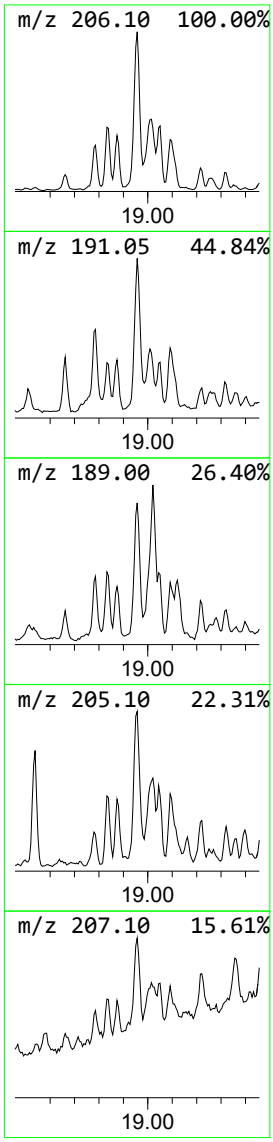
Peak Number 12 Phenanthrene, 2,5-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.956	5.26 ng	1043190	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	94
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	93
3	Anthracene, 1,4-dimethyl-	206	C16H14	000781-92-0	91
4	9,10-Dimethylanthracene	206	C16H14	000781-43-1	91
5	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	90





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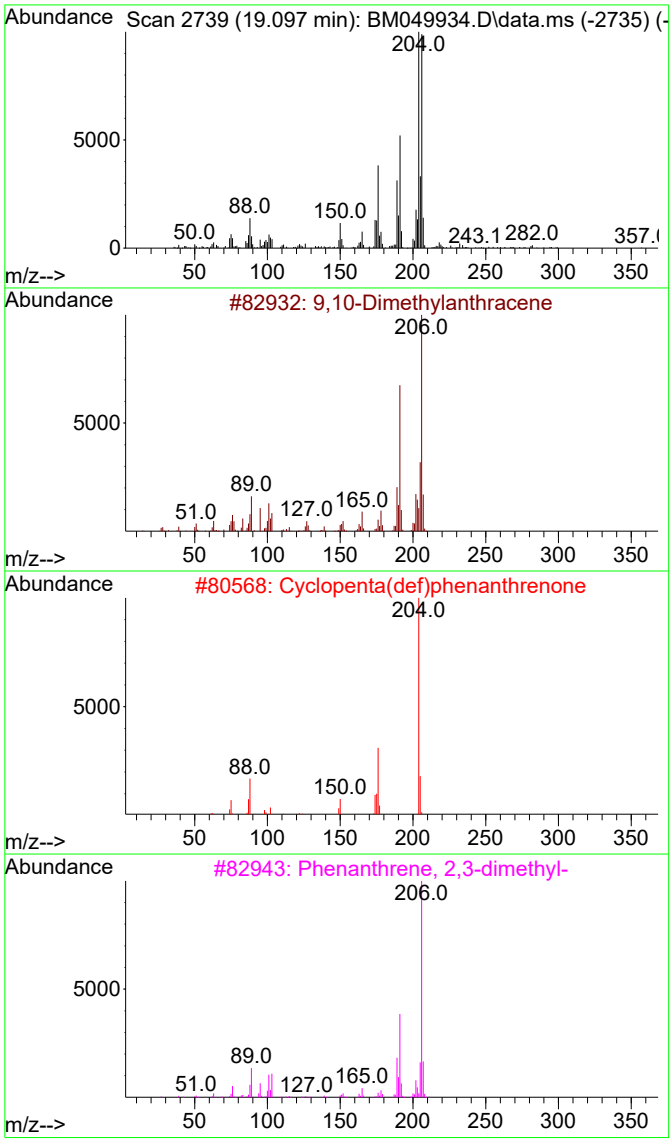
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

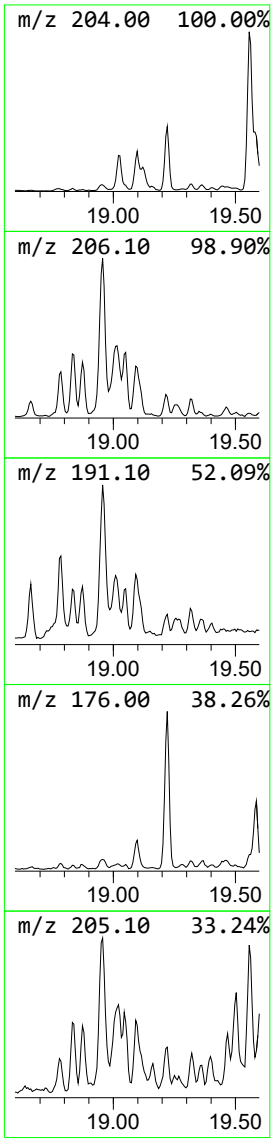
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 13 9,10-Dimethylanthracene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.097	2.98 ng	591145	Phenanthrene-d10	17.156

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	95
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	70
3	Phenanthrene, 2,3-dimethyl-	206	C16H14	003674-65-5	55
4	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	55
5	Benzene, (2-methylene-1-phenylcy...	206	C16H14	025152-47-0	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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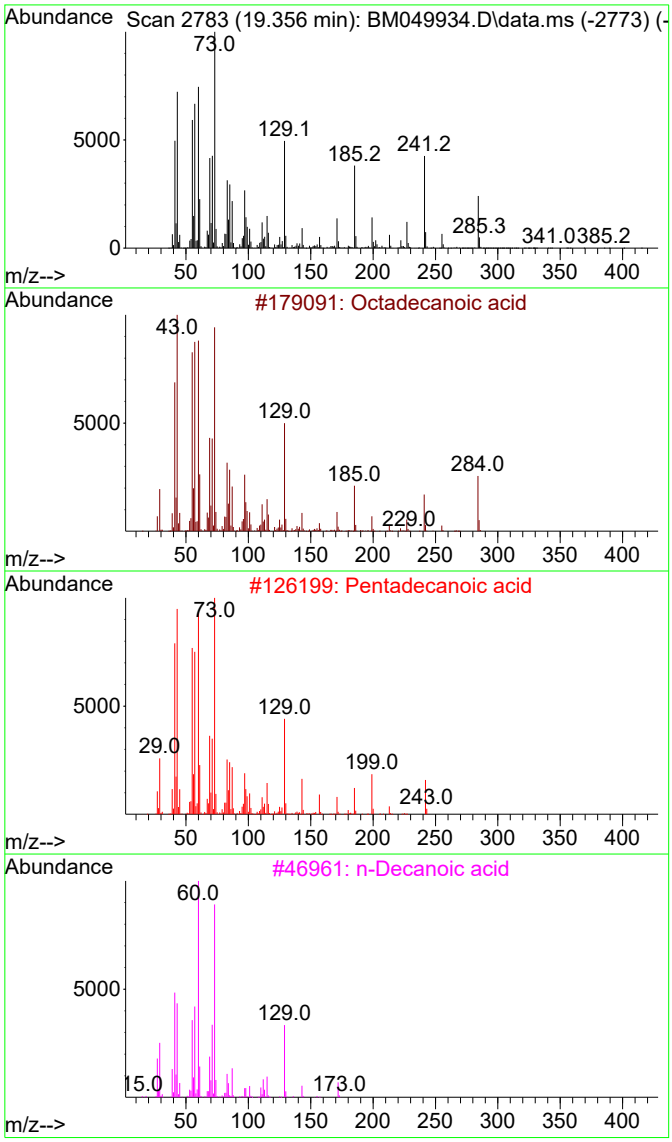
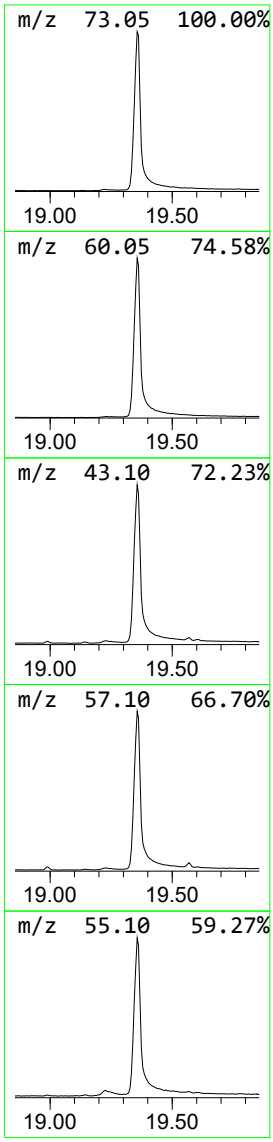
Peak Number 14 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.356	45.56 ng	34627300	Chrysene-d12	21.403

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	83
3	n-Decanoic acid	172	C10H20O2	000334-48-5	60
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Oxalic acid, propyl tetradecyl e...	328	C19H36O4	1000309-26-7	30





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

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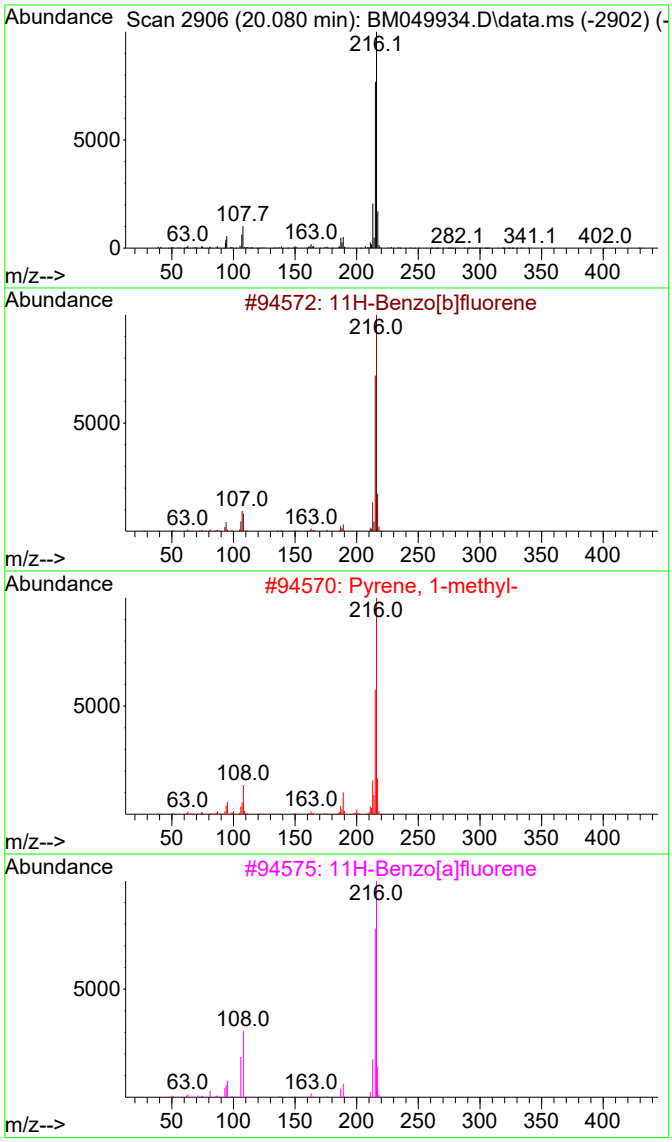
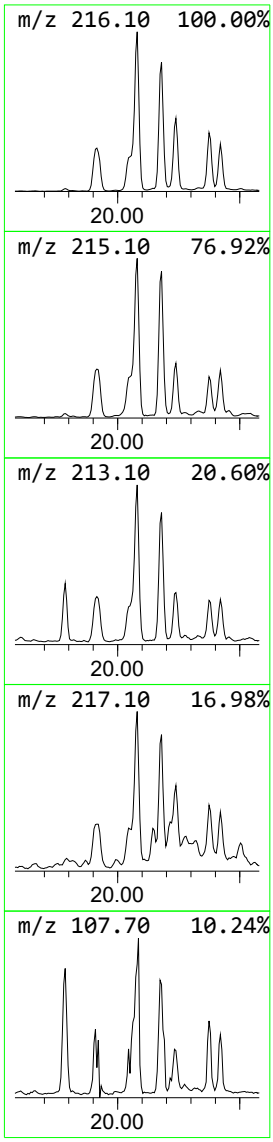
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.080	3.64 ng	2767910	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	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Misc :
ALS Vial : 9 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
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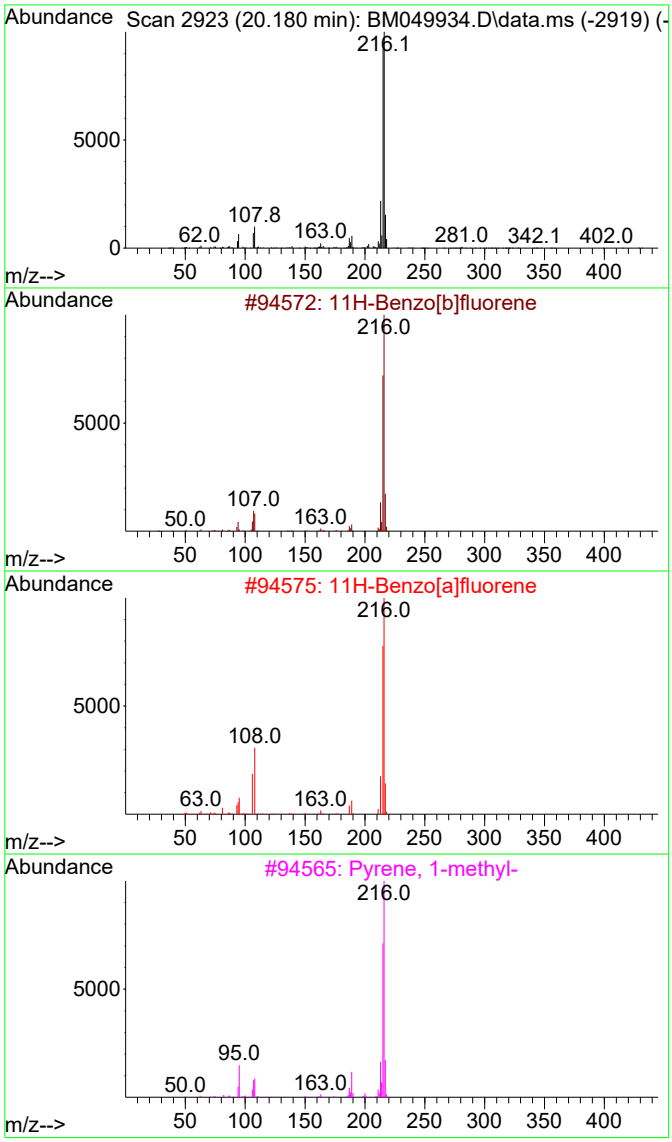
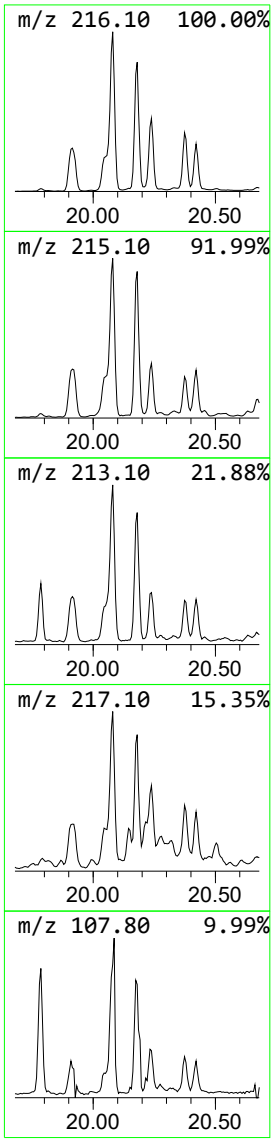
Peak Number 16 11H-Benzo[a]fluorene Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.180	2.55 ng	1935110	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	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 1-methyl-	216	C17H12	002381-21-7	70
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	64
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	64





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Instrument :
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ClientSampleId :
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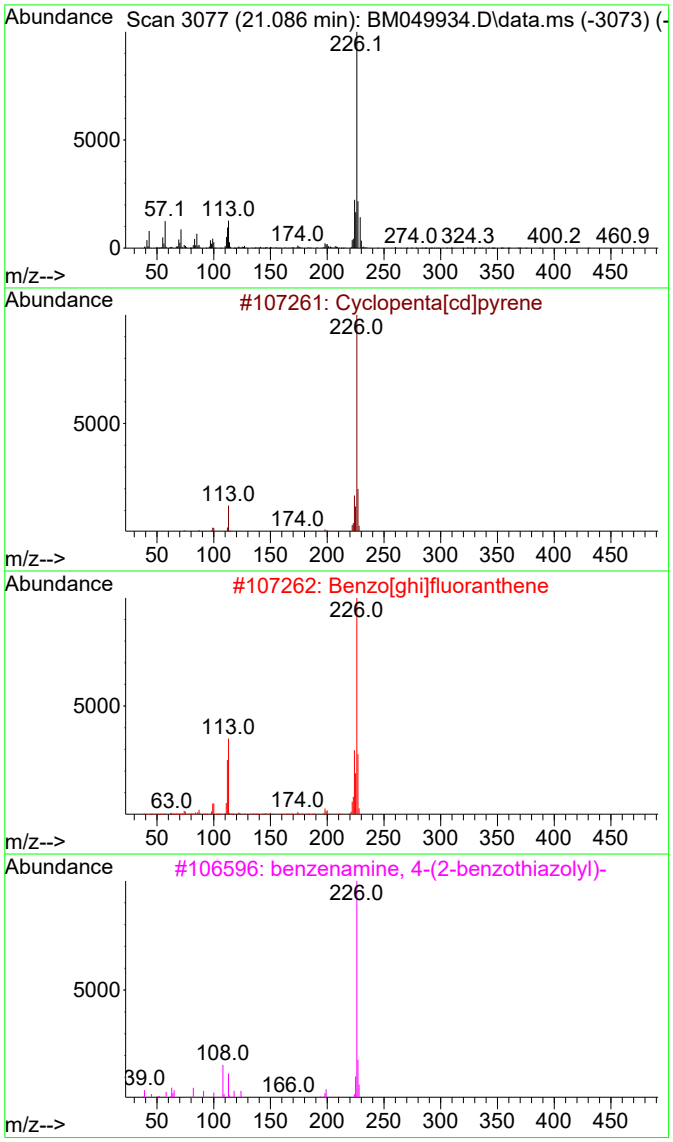
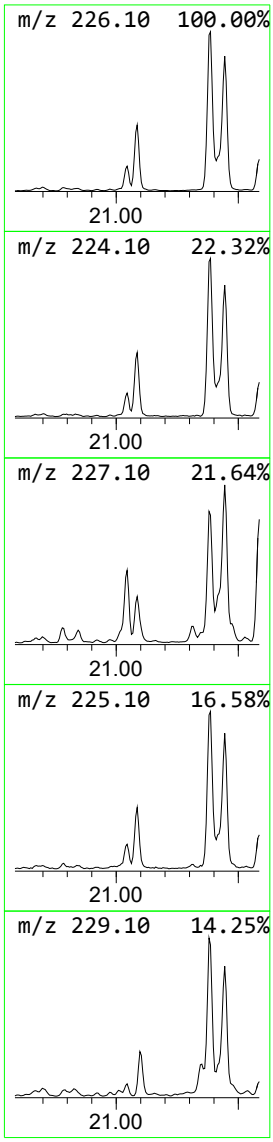
Peak Number 17 Cyclopenta[cd]pyrene Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.086	2.17 ng	1651840	Chrysene-d12	21.403

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	59
3	benzenamine, 4-(2-benzothiazolyl)-	226	C13H10N2S	1000400-93-4	50
4	1,3-Diamino-5,6-dihydro-7-methyl...	226	C13H14N4	037436-37-6	47
5	3-Chloro-6-methyl-1-benzothiophe...	226	C10H7ClO2S	1010484-31-0	40





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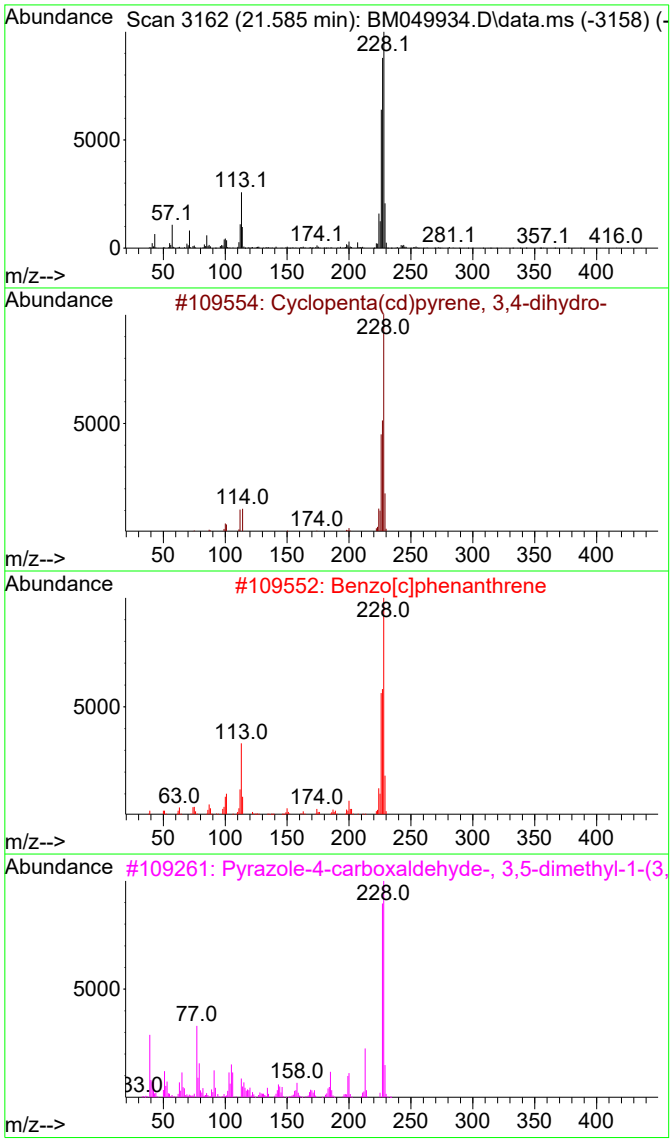
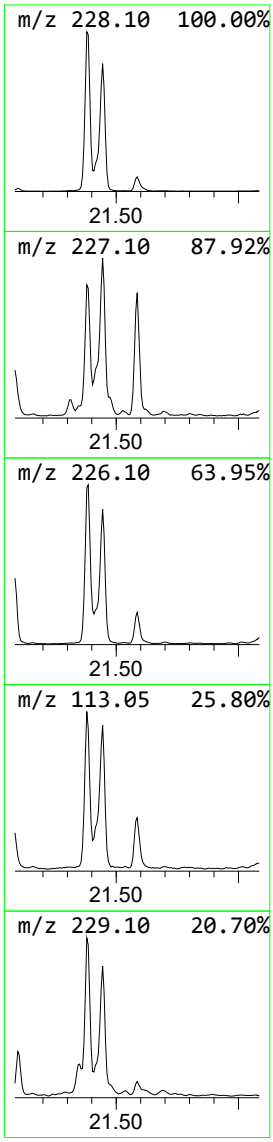
Peak Number 18 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.586	2.22 ng	1686640	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	95
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	81
3	Pyrazole-4-carboxaldehyde-, 3,5-...	228	C14H16N2O	1000272-54-8	50
4	Dimethyl-[4-[2-(3-methylisoxazol...	228	C14H16N2O	1000306-39-6	50
5	Isothiazol-5-amine, 4-bromo-3-ch...	226	C4H4BrClN2S	1000272-59-9	47





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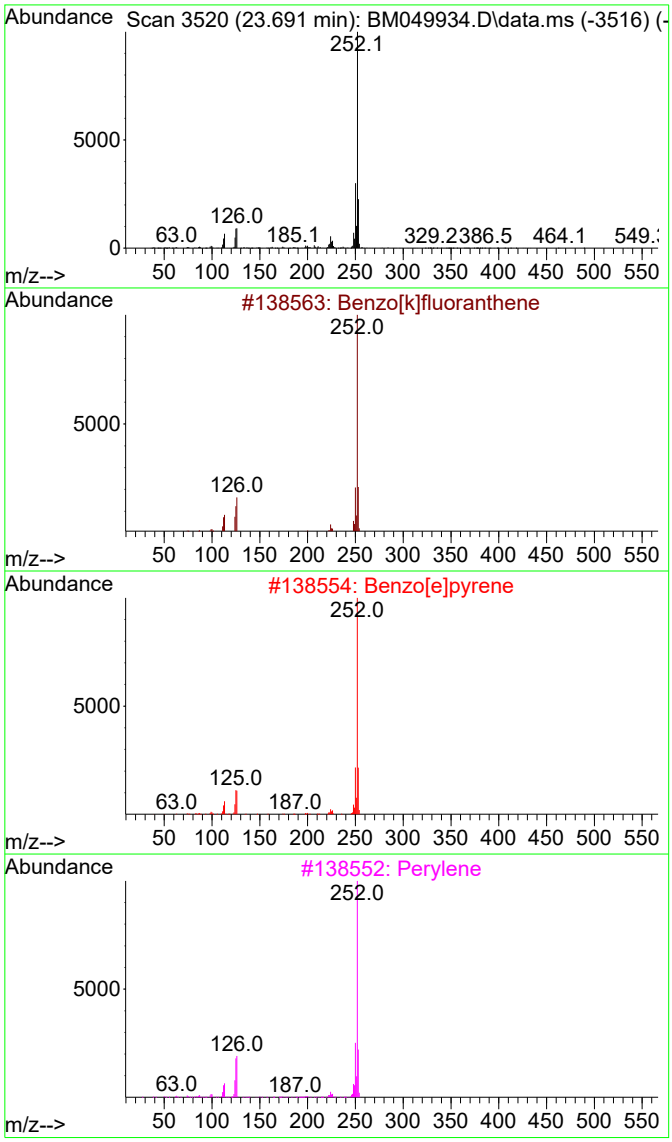
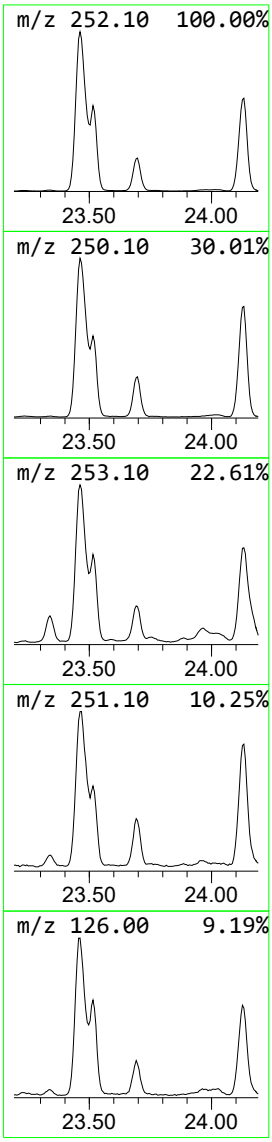
Peak Number 19 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.691	8.00 ng	1823750	Perylene-d12	24.403

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	Perylene	252	C20H12	000198-55-0	93
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	93
5	Benzo[a]pyrene	252	C20H12	000050-32-8	90





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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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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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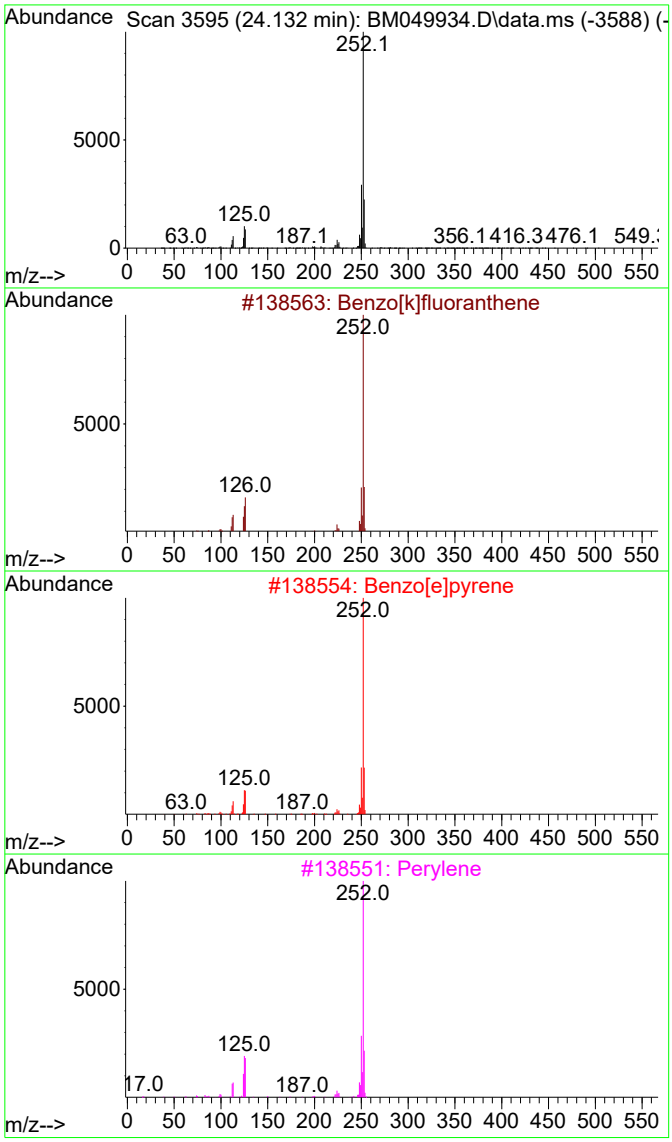
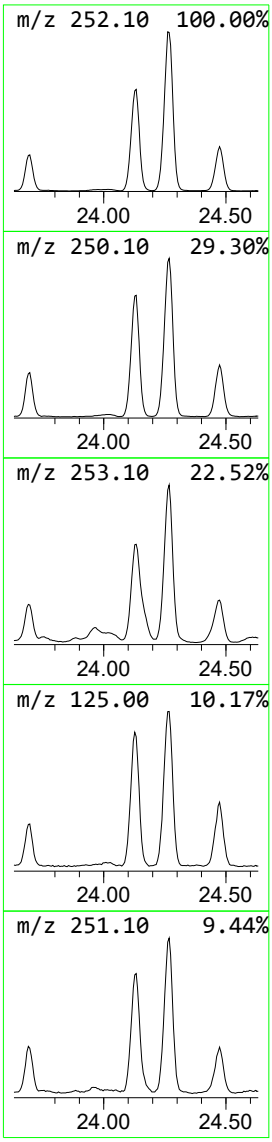
Peak Number 20 Perylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.132	31.27 ng	7128170	Perylene-d12	24.403

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	Perylene	252	C20H12	000198-55-0	95
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041525\
Data File : BM049934.D
Acq On : 15 Apr 2025 14:35
Operator : RC/JU
Sample : Q1787-09
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
TP-1

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-...	4.887	12.4	ng	1549380	1	7.769	2503450	20.0
2-Pentanone, 4-...	5.963	5.5	ng	685502	1	7.769	2503450	20.0
Octane, 2,2,6-t...	6.769	2.9	ng	365470	1	7.769	2503450	20.0
Benzophenone	15.768	7.9	ng	1461690	3	14.415	3684960	20.0
Dibenzothiophene	16.974	2.6	ng	507838	4	17.156	3966710	20.0
Anthracene, 2-m...	18.033	5.0	ng	986791	4	17.156	3966710	20.0
n-Hexadecanoic ...	18.080	114.8	ng	22768300	4	17.156	3966710	20.0
4H-Cyclopenta[d...	18.227	9.7	ng	1924850	4	17.156	3966710	20.0
5,16[1',2']:8,1...	18.539	3.1	ng	612611	4	17.156	3966710	20.0
9,10-Anthracene...	18.580	2.2	ng	433356	4	17.156	3966710	20.0
Phenanthrene, 2...	18.956	5.3	ng	1043190	4	17.156	3966710	20.0
9,10-Dimethylan...	19.097	3.0	ng	591145	4	17.156	3966710	20.0
Octadecanoic acid	19.356	45.6	ng	34627300	5	21.403	15201500	20.0
11H-Benzo[b]flu...	20.080	3.6	ng	2767910	5	21.403	15201500	20.0
11H-Benzo[a]flu...	20.180	2.5	ng	1935110	5	21.403	15201500	20.0
Cyclopenta[cd]p...	21.086	2.2	ng	1651840	5	21.403	15201500	20.0
Cyclopenta(cd)p...	21.586	2.2	ng	1686640	5	21.403	15201500	20.0
Benzo[e]pyrene	23.691	8.0	ng	1823750	6	24.403	4558950	20.0
Perylene	24.132	31.3	ng	7128170	6	24.403	4558950	20.0