LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : O2082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039170.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.034	292	297	304	rVB	835807	1175688	6.52%	0.943%
2	5.504	371	377	390	rVB	2085608	2991645	16.59%	2.399%
3	7.116	643	651	664	rBV	1906690	3024833	16.78%	2.425%
4	7.945	783	792	800	rBV	1170381	1813055	10.06%	1.454%
5	9.116	983	991	999	rBV	1147477	1935048	10.73%	1.552%
6	10.757	1261	1270	1282	rBV	1500457	2454695	13.61%	1.968%
7	13.216	1681	1688	1697	rVB	2565172	3742582	20.76%	3.001%
8	14.310	1869	1874	1881	rBV	233559	362148	2.01%	0.290%
9	14.592	1912	1922	1929	rBV	2000125	3029900	16.80%	2.429%
10	15.633	2095	2099	2109	rVB2	149220	235147	1.30%	0.189%
11	15.945	2146	2152	2161	rVB	465411	688365	3.82%	0.552%
12	16.080	2168	2175	2181	rBV	2106282	3067769	17.01%	2.460%
13	16.992	2325	2330	2336	rVB	377275	544569	3.02%	0.437%
14	17.151	2353	2357	2364	rVB	251363	369198	2.05%	0.296%
15	17.339	2383	2389	2392	rBV	2356351	3469555	19.24%	2.782%
16	17.380	2392	2396	2402	rVB	4595825	6212930	34.46%	4.982%
17	17.468	2407	2411	2415	rVV	556659	784794	4.35%	0.629%
18	17.521	2415	2420	2426	rVB3	107051	242834	1.35%	0.195%
19	17.739	2449	2457	2469	rBV2	543640	1109730	6.15%	0.890%
20	17.857	2473	2477	2482	rVV3	150349	219923	1.22%	0.176%
21	17.915	2483	2487	2496	rVV4	143745	339231	1.88%	0.272%
22	18.174	2527	2531	2533	rBV2	148555	212244	1.18%	0.170%
23	18.227	2534	2540	2543	rVV2	1137687	2120356	11.76%	1.700%
24	18.262	2543	2546	2551	rVB	853371	1179419	6.54%	0.946%
25	18.409	2565	2571	2575	rBV2	847439	1459392	8.09%	1.170%
26	18.445	2575	2577	2585	rVB	340909	404455	2.24%	0.324%
27	18.521	2586	2590	2594	rVV5	118360	189144	1.05%	0.152%
28	18.598	2600	2603	2609	rVB4	118664	190220	1.06%	0.153%
29	18.715	2617	2623	2626	rBV	707006	1010719	5.61%	0.810%
30	18.756	2626	2630	2639	rVB	1973182	2625355	14.56%	2.105%
31	18.956	2660	2664	2669	rVB3	229493	305096	1.69%	0.245%
32	19.045	2676	2679	2683	rVB	154089	181205	1.01%	0.145%
33	19.139	2689	2695	2699	rBV2	323796	644450	3.57%	0.517%
34	19.274	2713	2718	2724	rBV	919006	1357367	7.53%	1.088%
35	19.356	2726	2732	2733	rBV2	242652	368631	2.04%	0.296%
36	19.398	2733	2739	2745	rVB	13383547	18030043	100.00%	14.457%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

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-BM030823.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.456	2745	2749	2752	rBV	281720	381054	2.11%	0.306%
38	19.503	2752	2757	2760	rBV2	493371	754816	4.19%	0.605%
39	19.592	2769	2772	2775	rBV2	245797	280639	1.56%	0.225%
40	19.639	2777	2780	2784	rVB	334084	406888	2.26%	0.326%
41	19.721	2790	2794	2796	rBV	1511274	2030839	11.26%	1.628%
42	19.756	2796	2800	2807	rVV	10122138	14046469	77.91%	11.263%
43	19.821	2808	2811	2817	rVB2	455061	651466	3.61%	0.522%
44	19.956	2826	2834	2838	rBV2	3847011	5527184	30.66%	4.432%
45	20.215	2873	2878	2880	rBV4	518893	941571	5.22%	0.755%
46	20.245	2881	2883	2888	rVB	886790	1181727	6.55%	0.948%
47	20.350	2897	2901	2904	rBV2	579980	732248	4.06%	0.587%
48	20.409	2905	2911	2914	rVV2	621317	1115642	6.19%	0.895%
49	20.545	2932	2934	2937	rBV	281868	342637	1.90%	0.275%
50	20.998	3007	3011	3017	rBV	1473589	1899623	10.54%	1.523%
51	21.162	3034	3039	3042	rBV2	1117437	1721618	9.55%	1.380%
52	21.203	3042	3046	3050	rBV2	981304	1715880	9.52%	1.376%
53	21.292	3057	3061	3066	rBV	1476050	1930131	10.71%	1.548%
54	21.515	3093	3099	3103	rBV2	3414921	7111035	39.44%	5.702%
55	21.556	3103	3106	3116	rVB	4587180	5729695	31.78%	4.594%
56	23.203	3381	3386	3391	rBV2	2103535	4690633	26.02%	3.761%
57	23.944	3508	3512	3518	rVB2	1896180	3430146	19.02%	2.750%

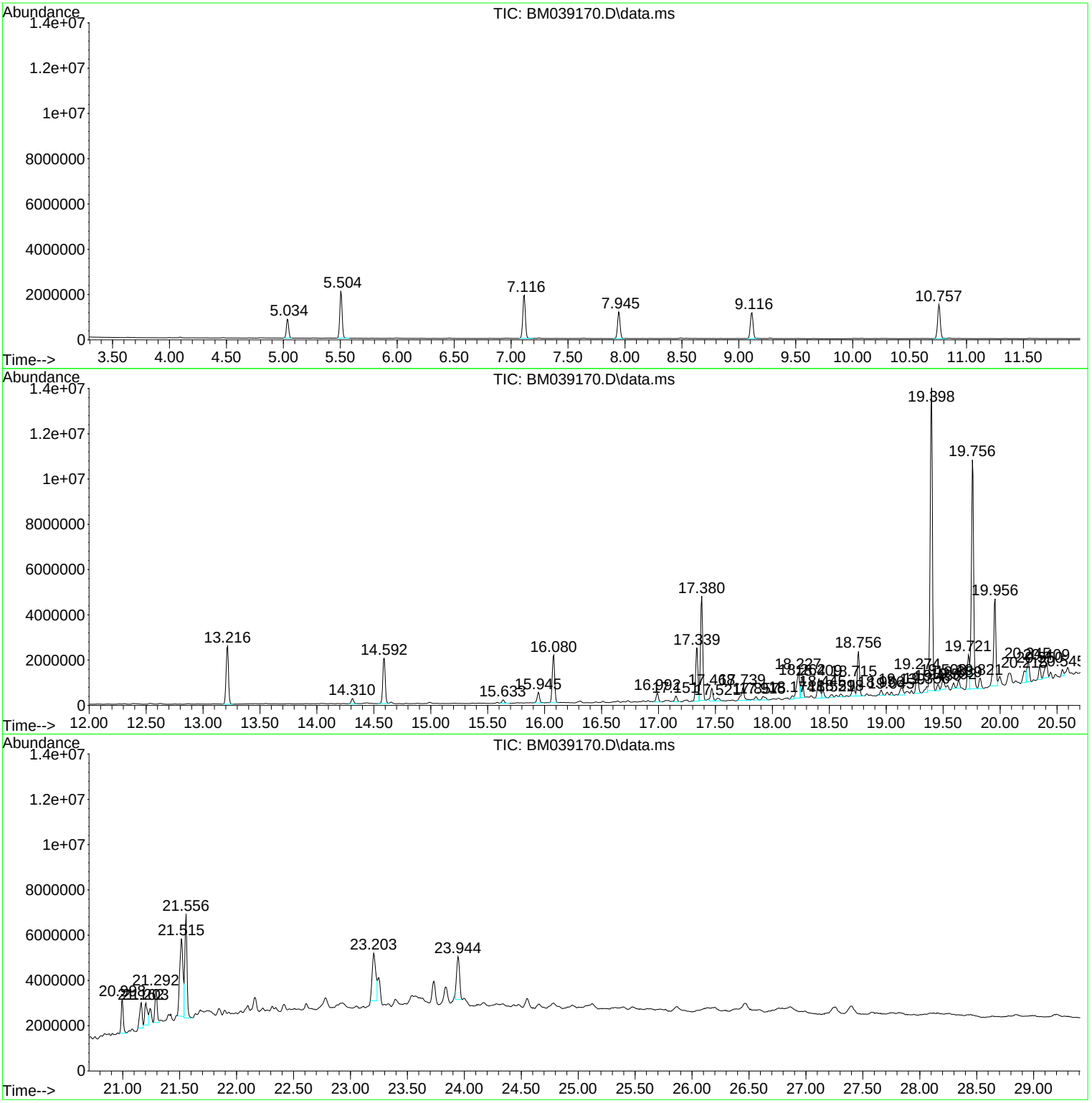
Sum of corrected areas: 124713676

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
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Instrument :
BNA_M
ClientSampleId :
VNJ-224

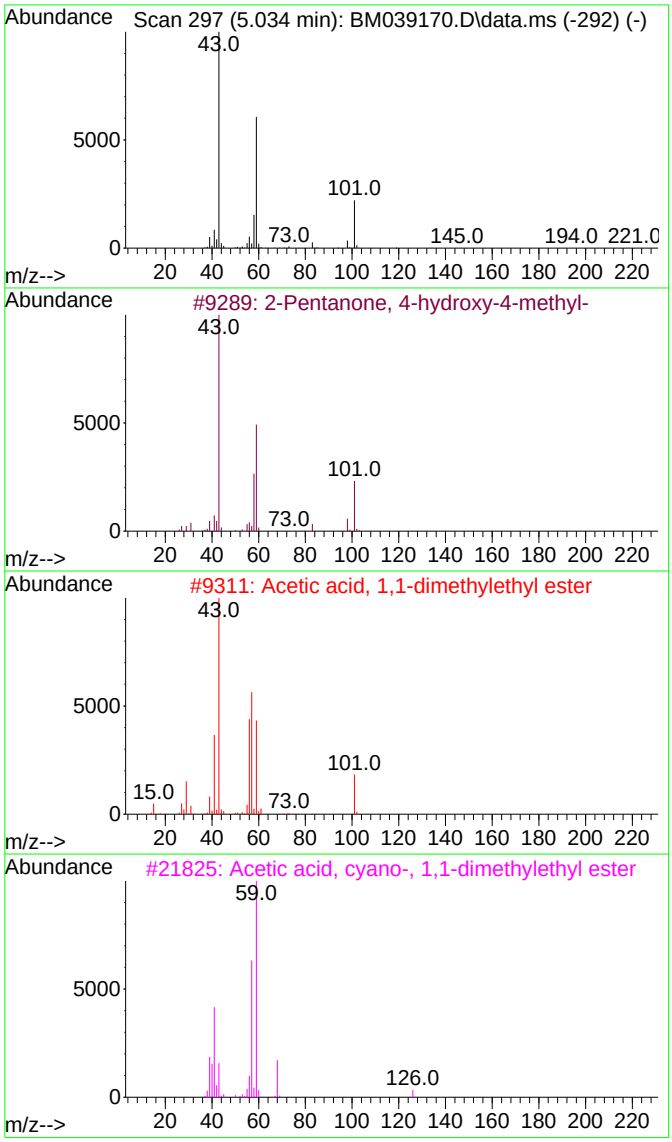
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

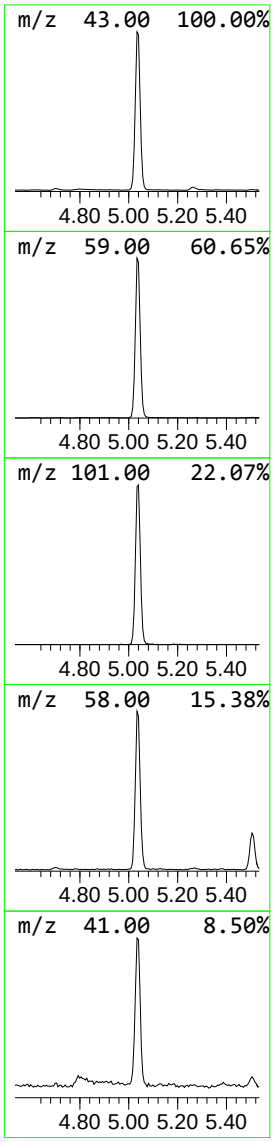
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.034	12.97 ng	1175690	1,4-Dichlorobenzene-d4	7.945

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	17
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

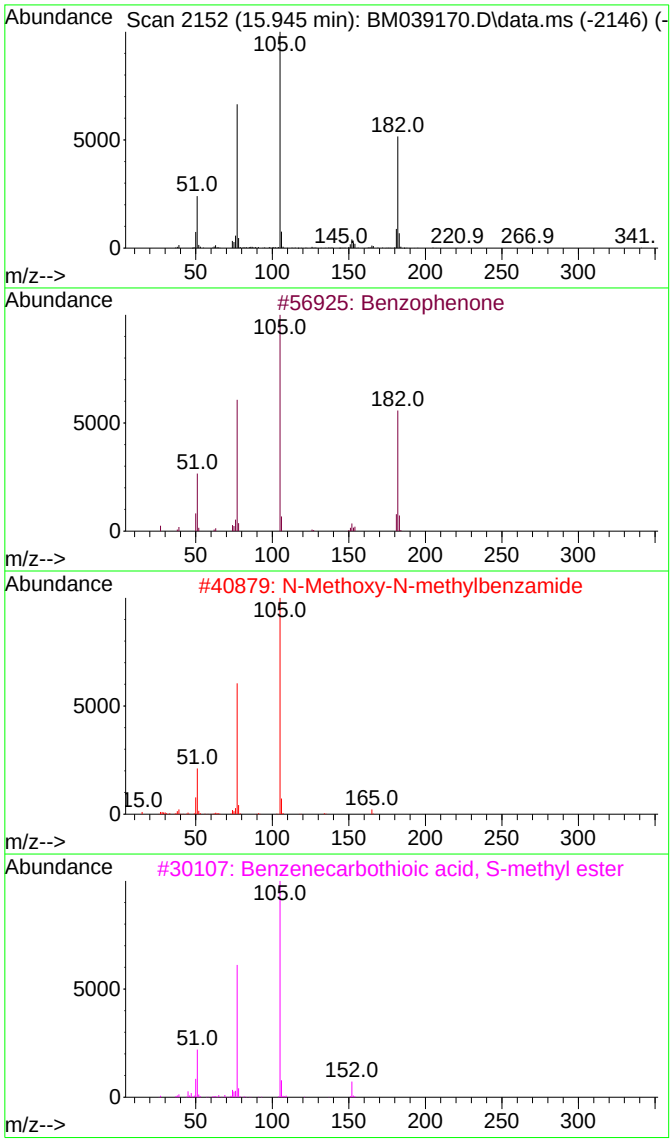
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

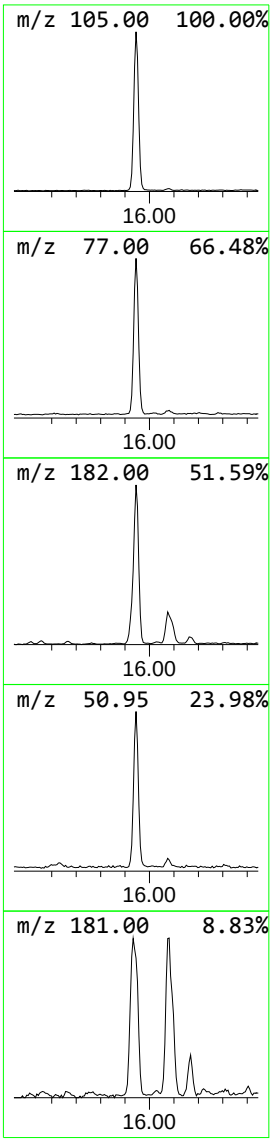
****

Peak Number 2 Benzophenone Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.945	4.54 ng	688365	Acenaphthene-d10	14.586

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	N-Methoxy-N-methylbenzamide	165	C9H11NO2	006919-61-5	53
3	Benzenecarbothioic acid, S-methy...	152	C8H8OS	005925-68-8	50
4	Vinyl benzoate	148	C9H8O2	000769-78-8	49
5	N-Methylbenzamide, N-trifluoroac...	231	C10H8F3NO2	1000446-91-5	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

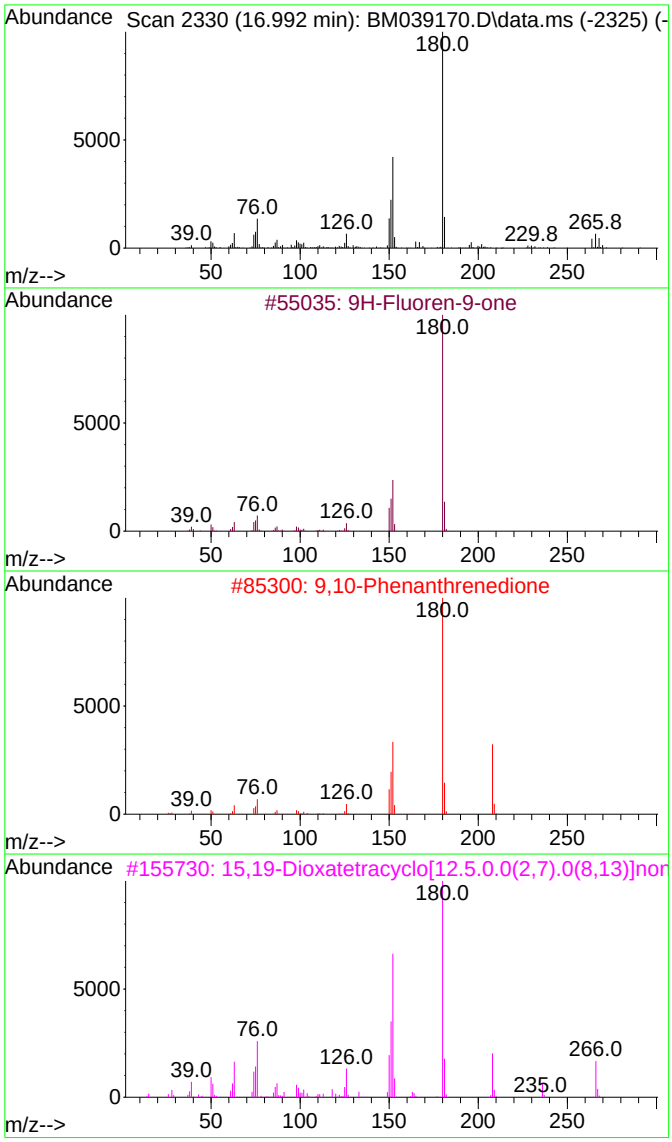
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

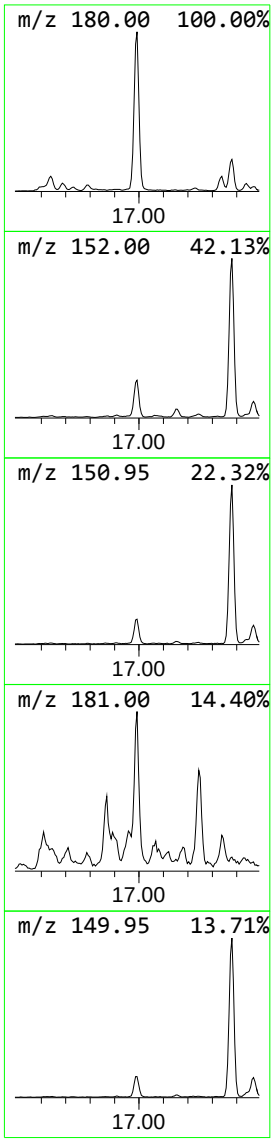
****

Peak Number 3 9H-Fluoren-9-one Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.992	3.14 ng	544569	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9H-Fluoren-9-one	180	C13H8O	000486-25-9	95
2	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	86
3	15,19-Dioxatetracyclo[12.5.0.0(2...	266	C17H14O3	1000436-55-0	70
4	Diphenic anhydride	224	C14H8O3	006050-13-1	62
5	1H-Phenalen-1-one	180	C13H8O	000548-39-0	53





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

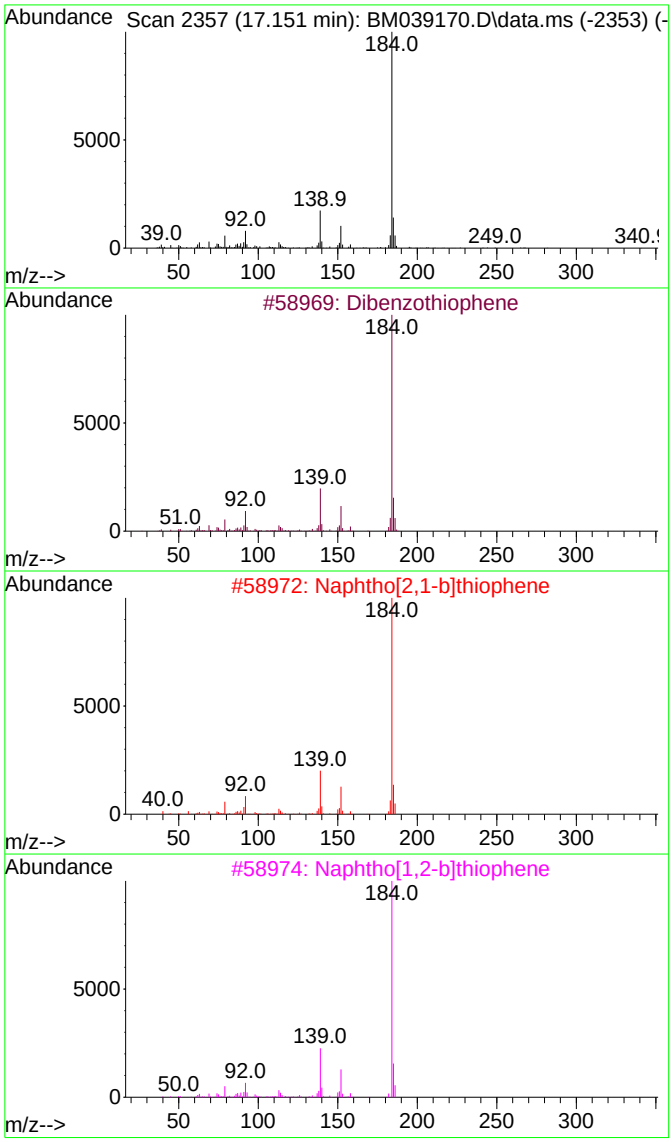
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

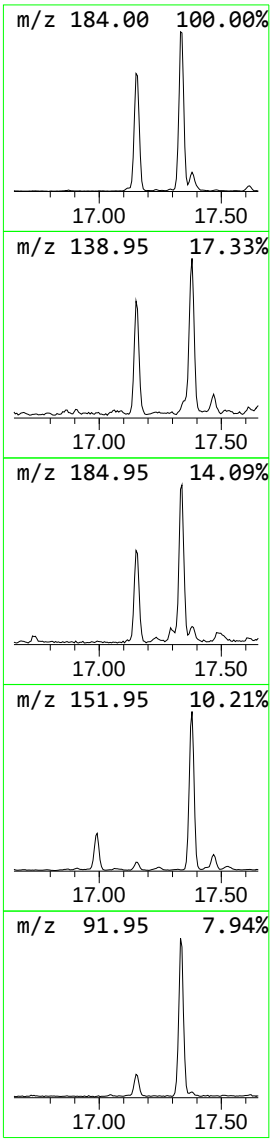
****

Peak Number 4 Dibenzothiophene Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.151	2.13 ng	369198	Phenanthrene-d10	17.339

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	93
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	83





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

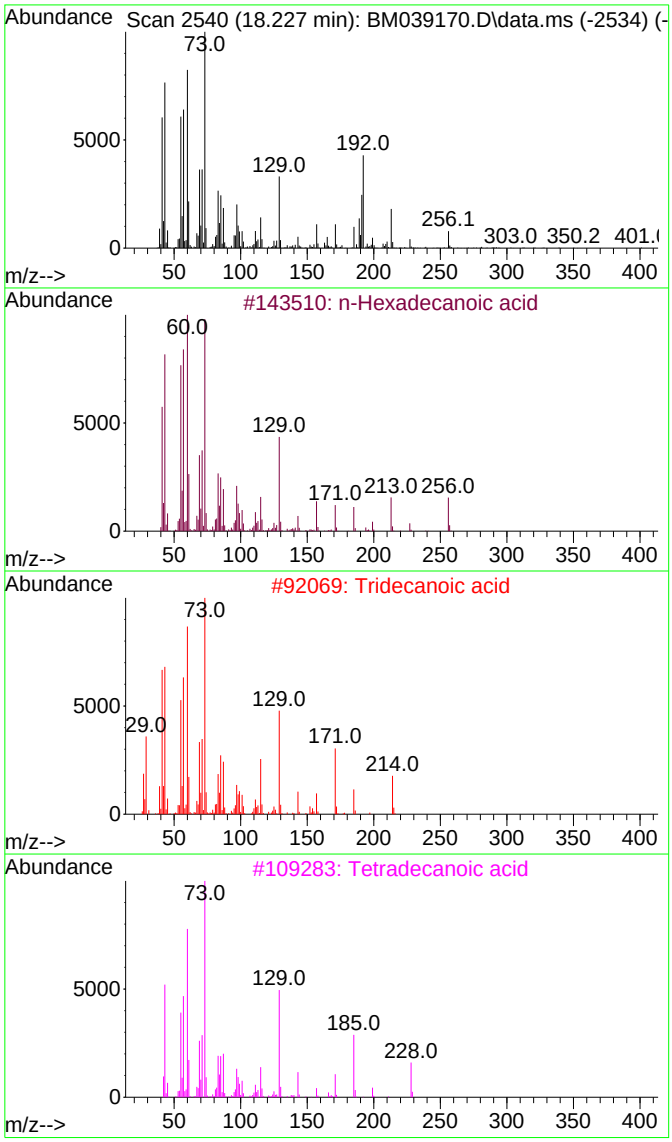
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

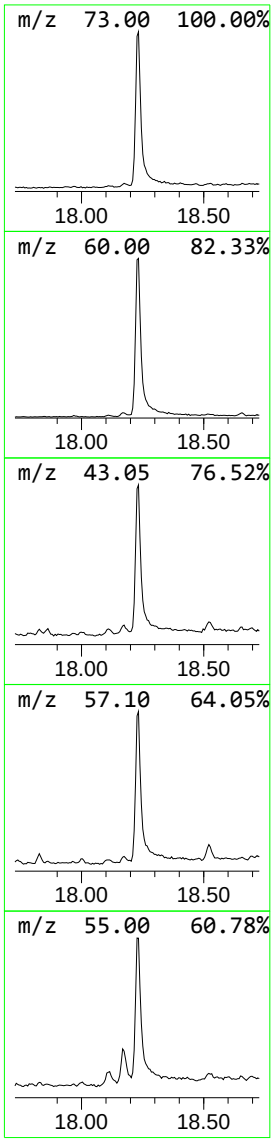
****

Peak Number 5 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.227	12.22 ng	2120360	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tridecanoic acid	214	C13H26O2	000638-53-9	92
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	70
5	Octadecanoic acid	284	C18H36O2	000057-11-4	70





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

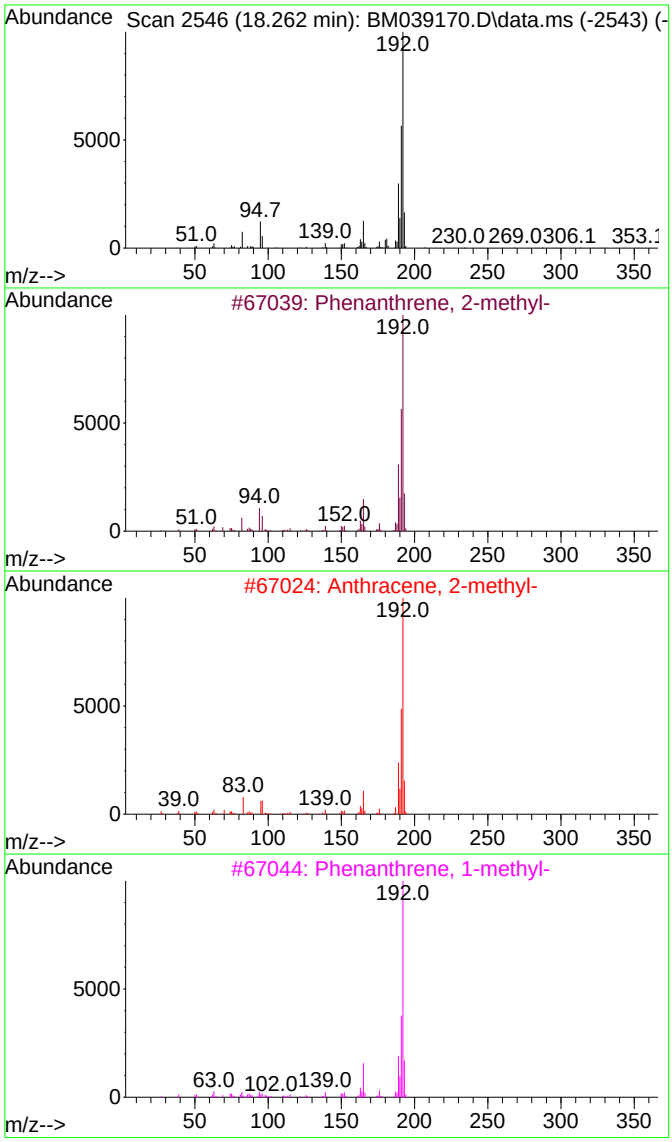
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

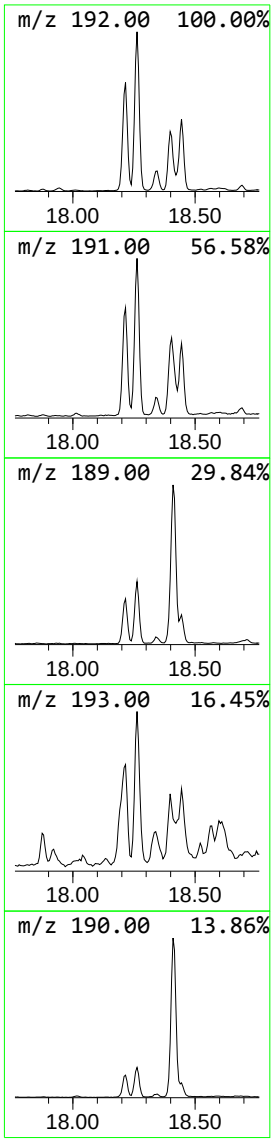
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.262	6.80 ng	1179420	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	97
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	96
3	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	95
4	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

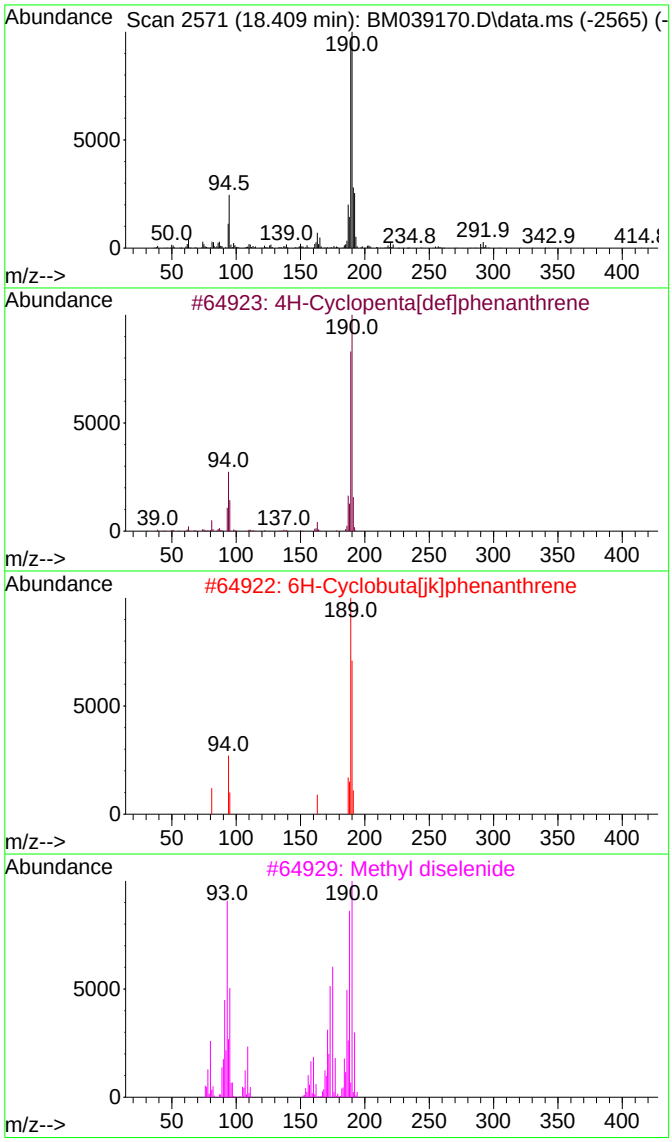
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

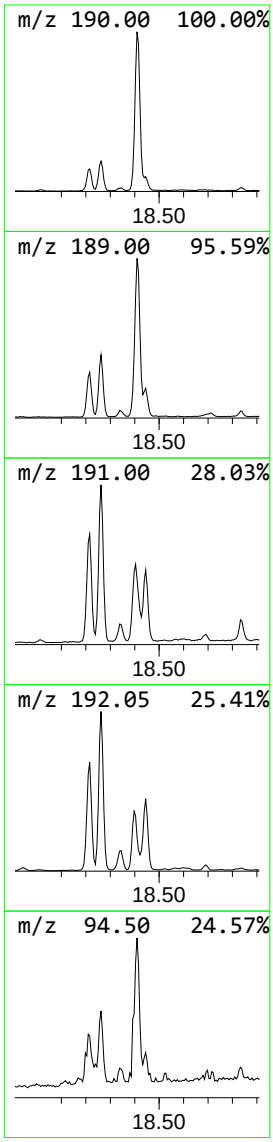
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 7 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.409	8.41 ng	1459390	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	93
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	72
3	Methyl diselenide	190	C2H6Se2	007101-31-7	49
4	2,2'-Bis(4,5-dimethylimidazole)	190	C10H14N4	069286-06-2	33
5	1,4-Naphthalenedione, 2,5-dihydr...	190	C10H6O4	004923-55-1	17





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

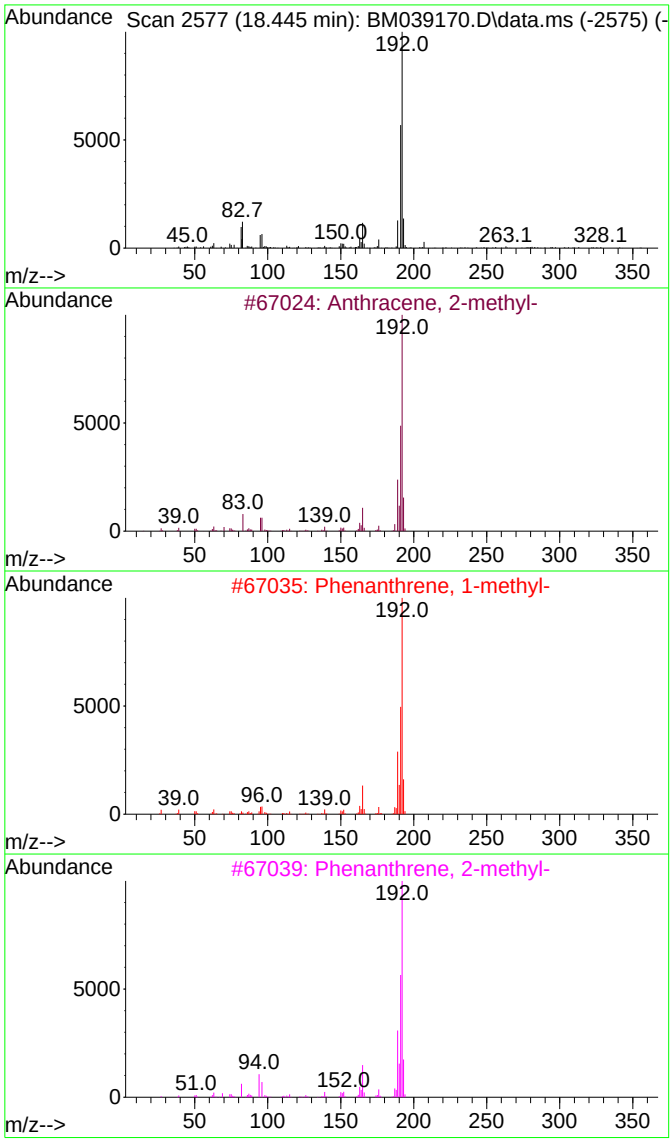
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

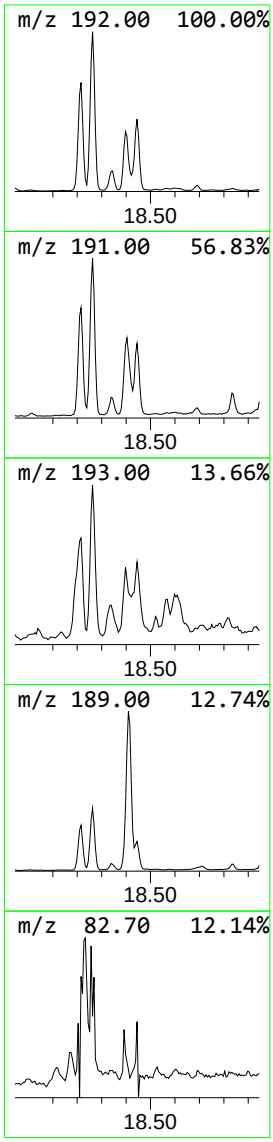
****

Peak Number 8 Anthracene, 2-methyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.445	2.33 ng	404455	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 2-methyl-	192	C15H12	000613-12-7	97
2	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	94
3	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	93
4	Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	91
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	91





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Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

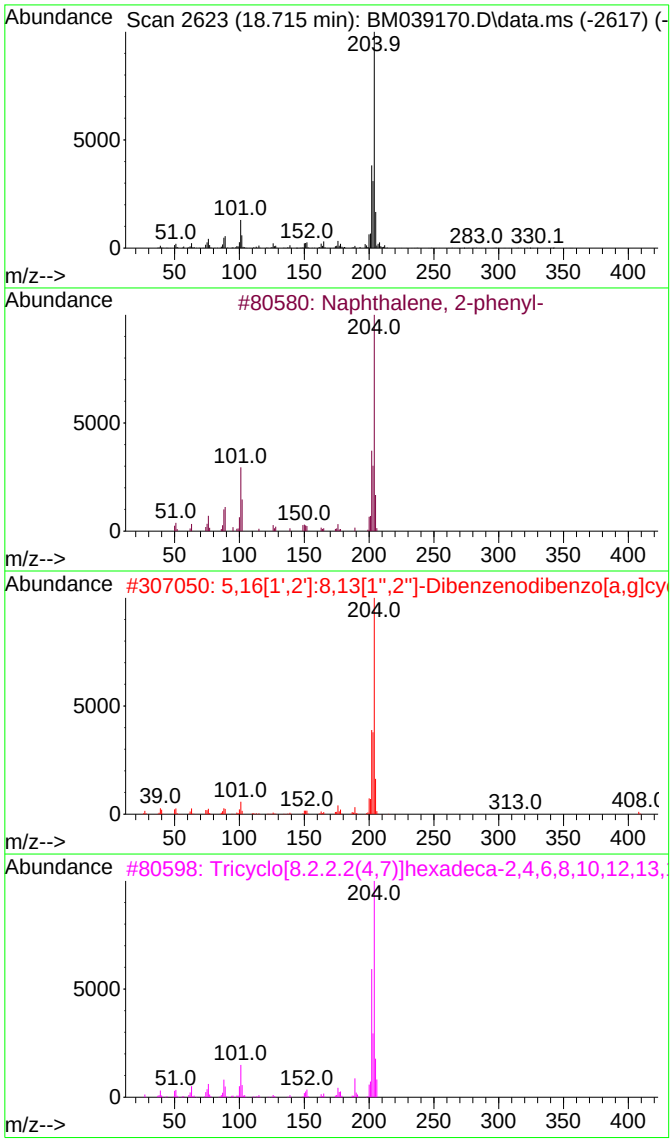
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

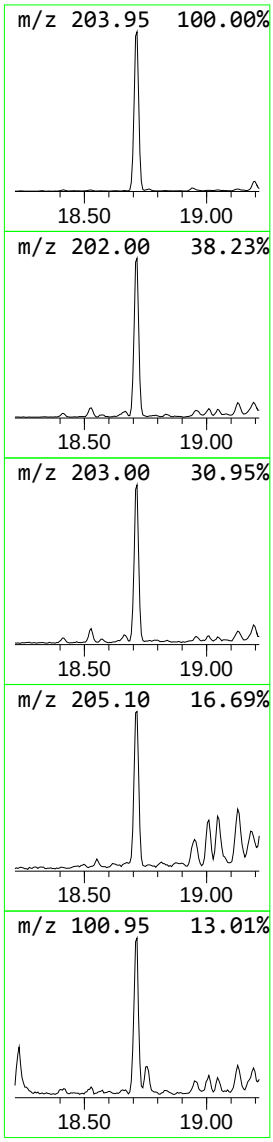
****

Peak Number 9 Naphthalene, 2-phenyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	5.83 ng	1010720	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 2-phenyl-	204	C16H12	000612-94-2	93
2	5,16[1',2']:8,13[1'',2'']-Dibenz...	408	C32H24	005672-97-9	91
3	Tricyclo[8.2.2.2(4,7)]hexadeca-2...	204	C16H12	006572-60-7	70
4	Naphthalene, 1-phenyl-	204	C16H12	000605-02-7	55
5	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	47





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
VNJ-224

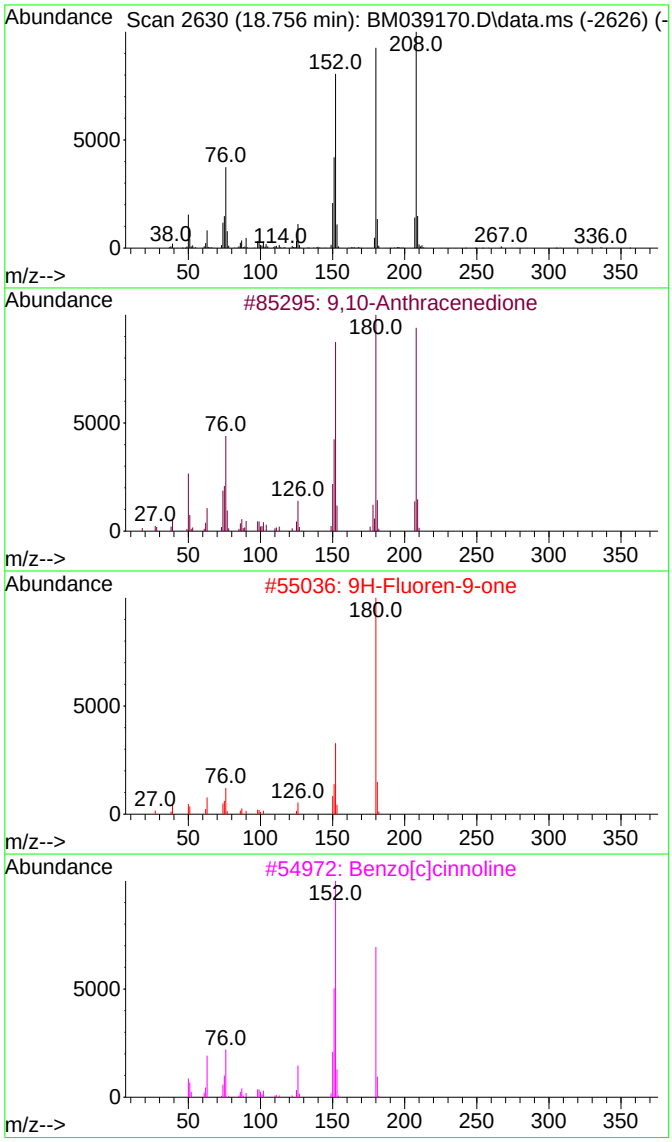
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

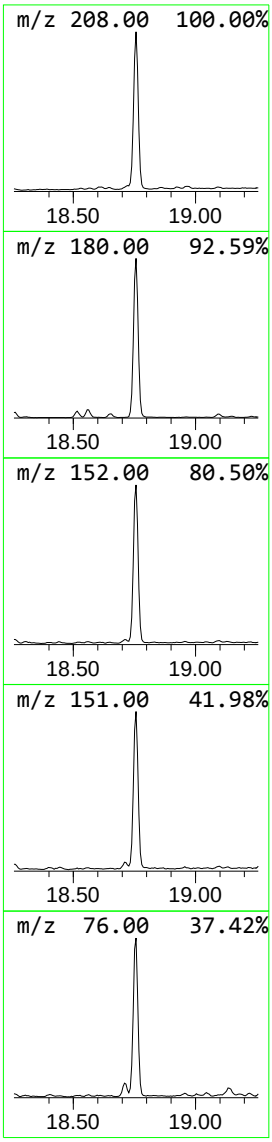
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 10 9,10-Anthracenedione Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.756	15.13 ng	2625360	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	99
2	9H-Fluoren-9-one	180	C13H8O	000486-25-9	91
3	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	70
4	9,10-Phenanthrenedione	208	C14H8O2	000084-11-7	60
5	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	60





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Sample : 02082-02 2X
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ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
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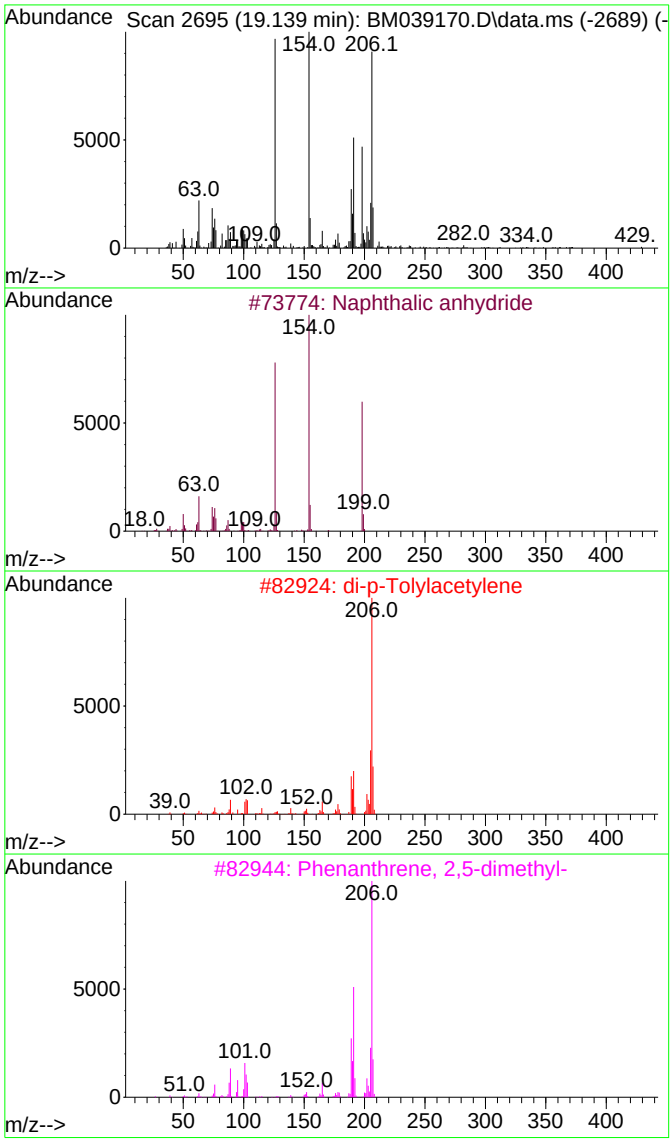
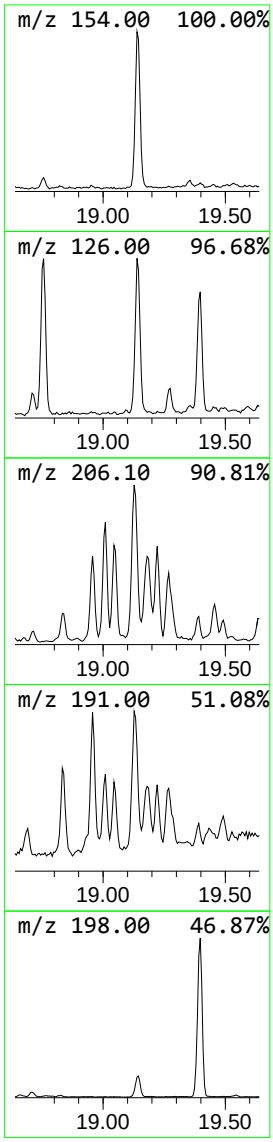
****
Peak Number 11 Naphthalic anhydride Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	3.71 ng	644450	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalic anhydride	198	C12H6O3	000081-84-5	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	70
3	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	52
4	Phenanthrene, 1,7-dimethyl-	206	C16H14	000483-87-4	51
5	9,10-Dimethylanthracene	206	C16H14	000781-43-1	49





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Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
VNJ-224

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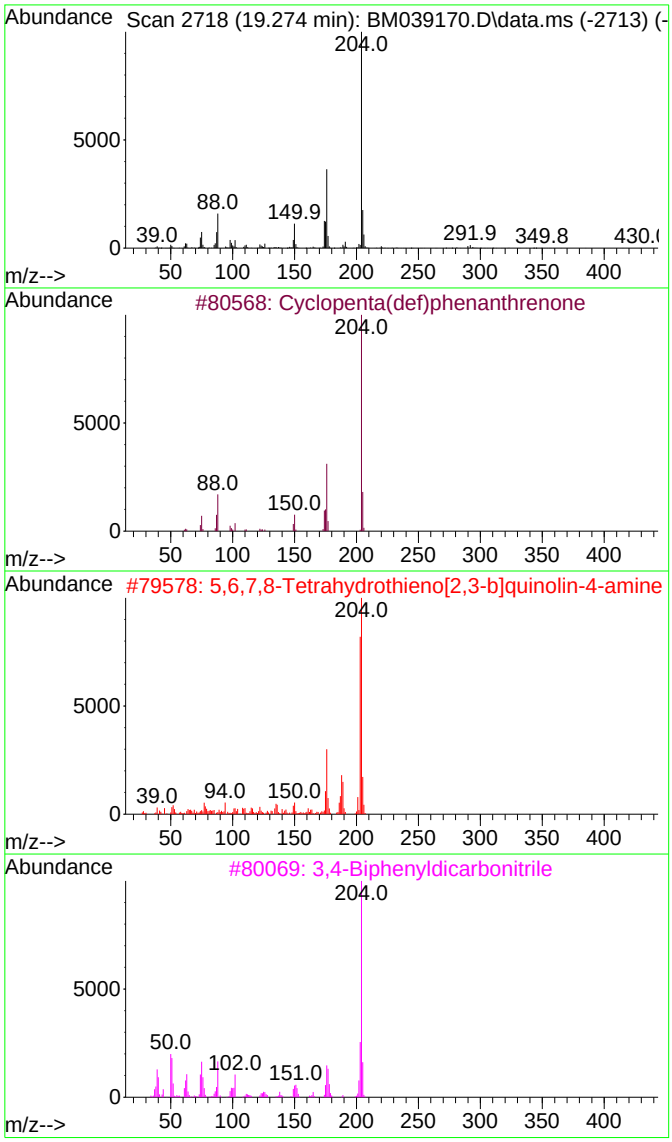
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

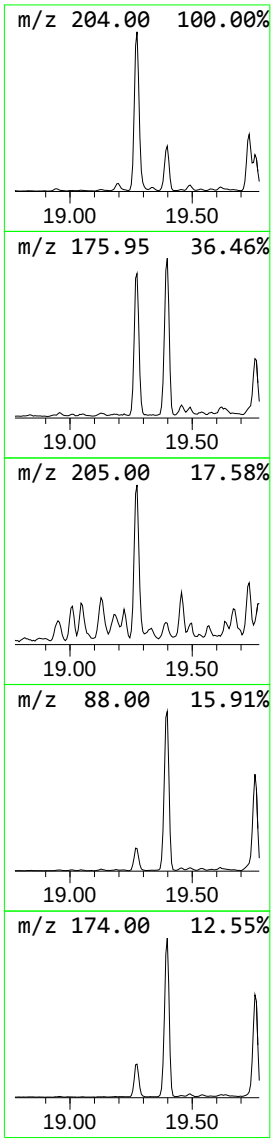
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 12 Cyclopenta(def)phenanthrenone Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.274	7.82 ng	1357370	Phenanthrene-d10	17.339

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	97
2	5,6,7,8-Tetrahydrothieno[2,3-b]q...	204	C11H12N2S	122914-50-5	72
3	3,4-Biphenyldicarbonitrile	204	C14H8N2	004128-63-6	59
4	[1,1'-Biphenyl]-4,4'-dicarbonitrile	204	C14H8N2	001591-30-6	53
5	1,1,4a-Trimethyl-5,6-dimethylene...	204	C15H24	1000193-60-8	50





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Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

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ClientSampleId :
VNJ-224

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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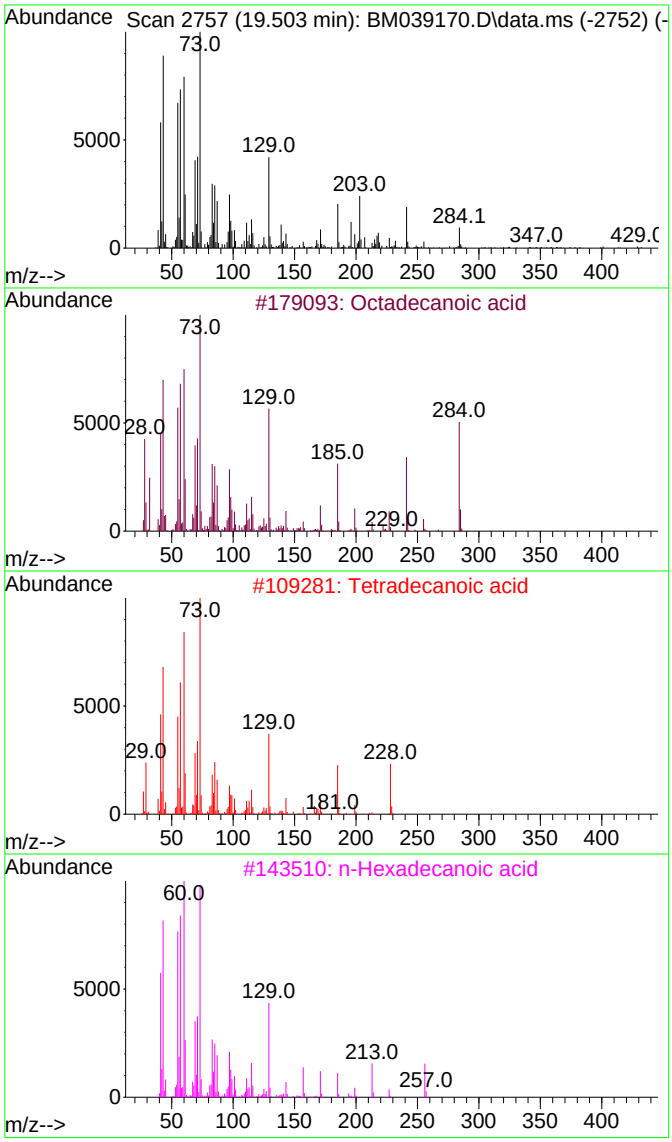
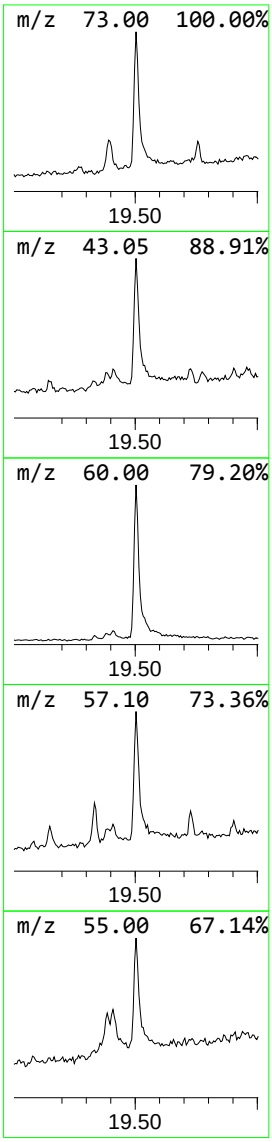
****

Peak Number 13 Octadecanoic acid Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.503	2.12 ng	754816	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62
4	Tridecanoic acid	214	C13H26O2	000638-53-9	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	58





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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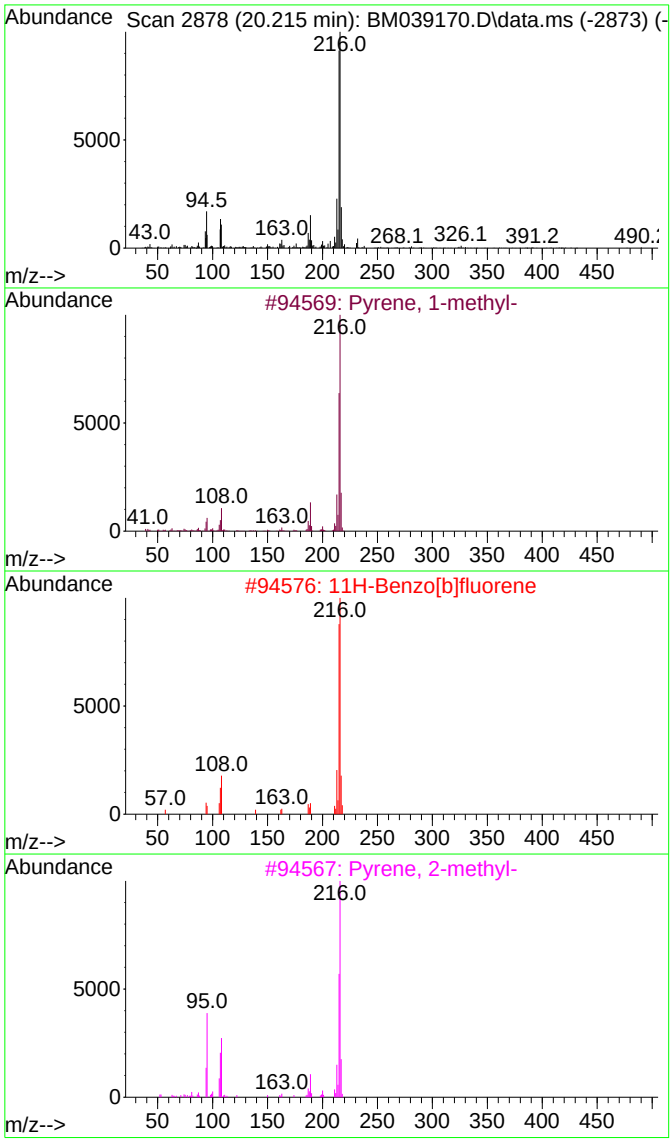
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

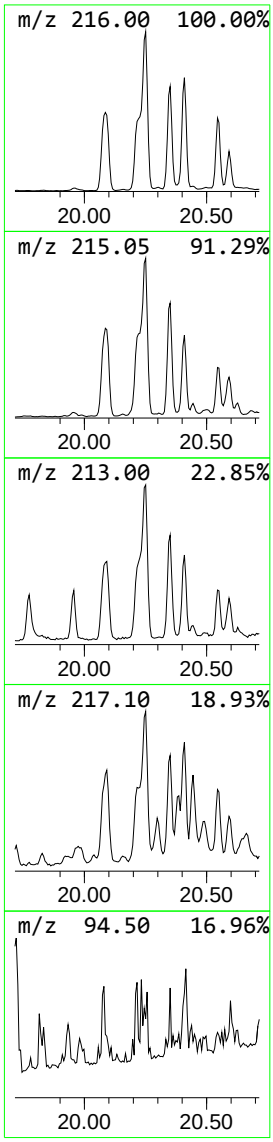
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 14 Pyrene, 1-methyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.215	2.65 ng	941571	Chrysene-d12	21.515

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	89
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	76
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	72





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST20.L
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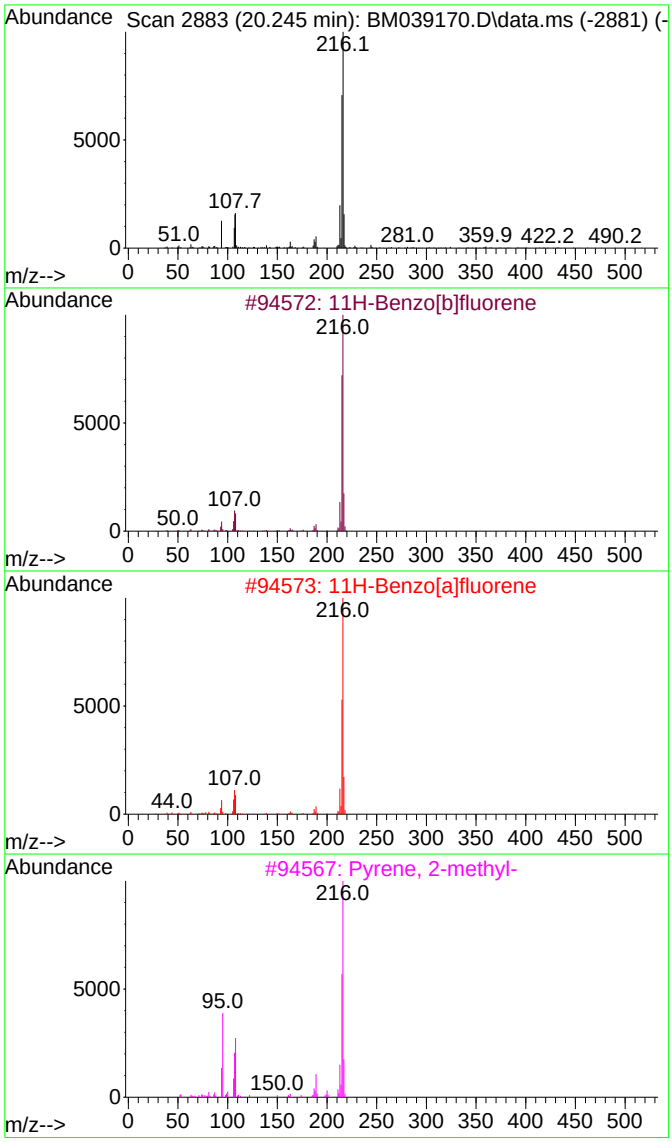
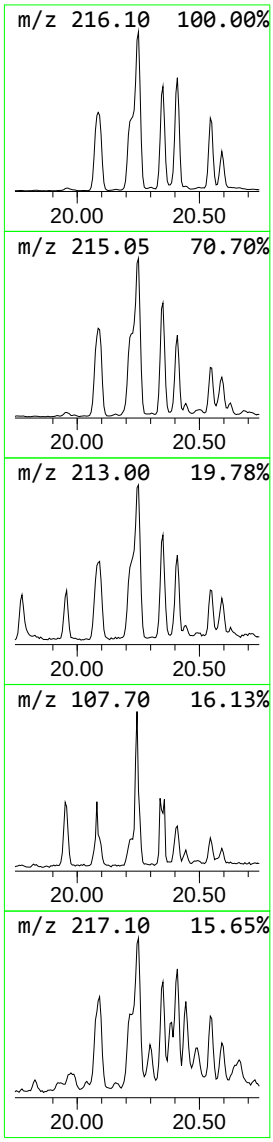
****
Peak Number 15 11H-Benzo[b]fluorene Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.245	3.32 ng	1181730	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	94
2	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	87
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	86
4	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
5	7H-Benzo[c]fluorene	216	C17H12	000205-12-9	74





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ALS Vial : 16 Sample Multiplier: 1

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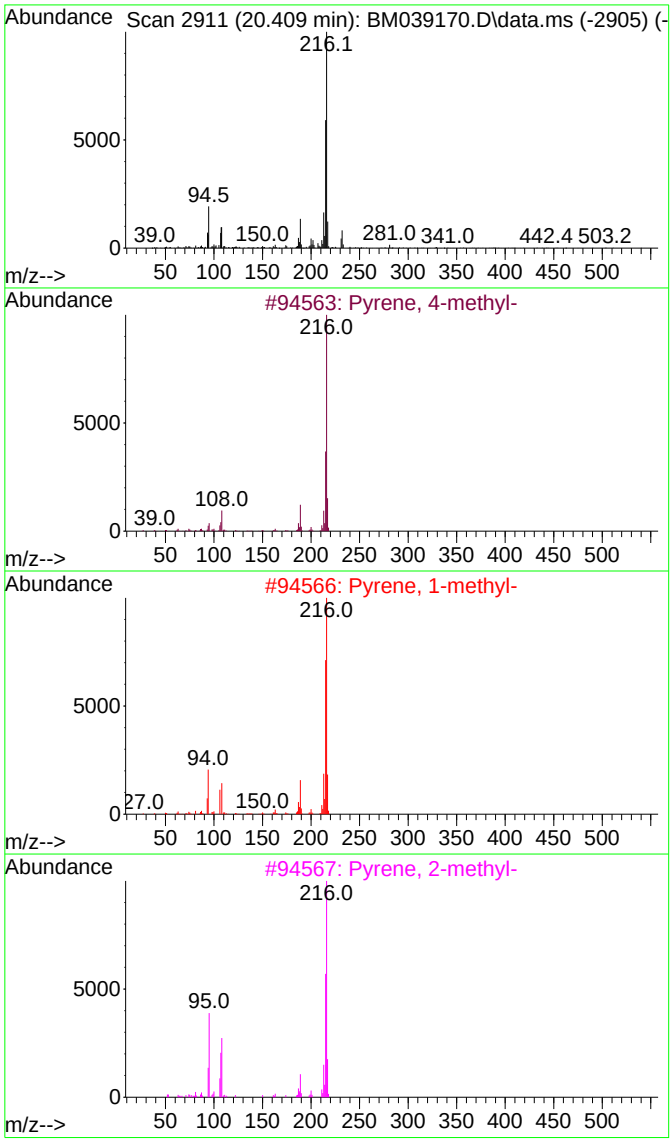
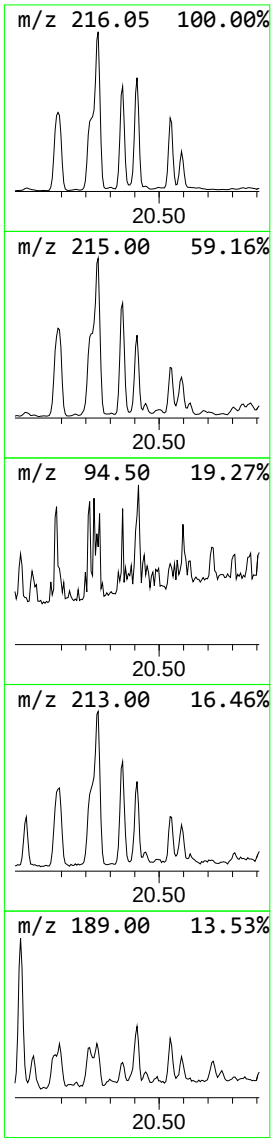
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 Pyrene, 4-methyl- Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.409	3.14 ng	1115640	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 4-methyl-	216	C17H12	003353-12-6	93
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	90
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	89
4	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	86
5	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	81





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ALS Vial : 16 Sample Multiplier: 1

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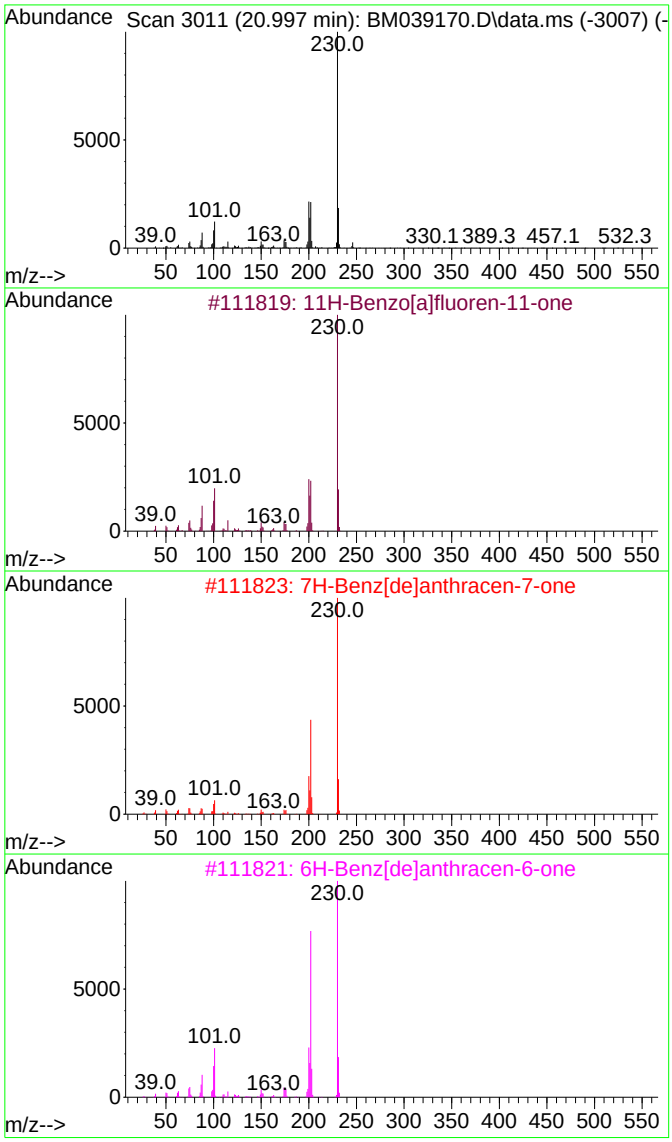
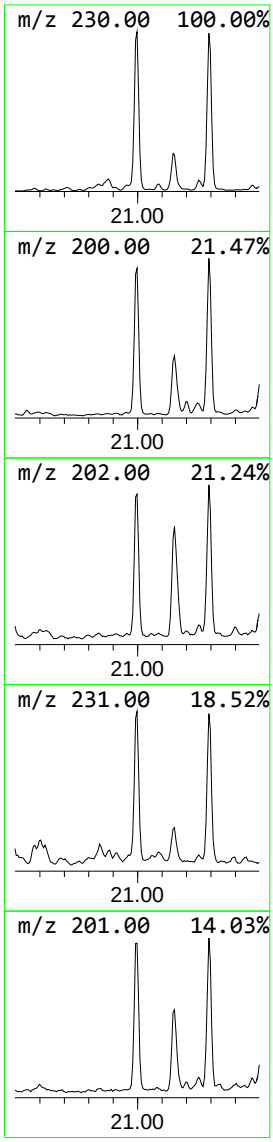
****

Peak Number 17 11H-Benzo[a]fluoren-11-one Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.997	5.34 ng	1899620	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	98
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	91
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	91
4	1-Pyrenecarboxaldehyde	230	C17H10O	003029-19-4	72
5	o-Terphenyl	230	C18H14	000084-15-1	58





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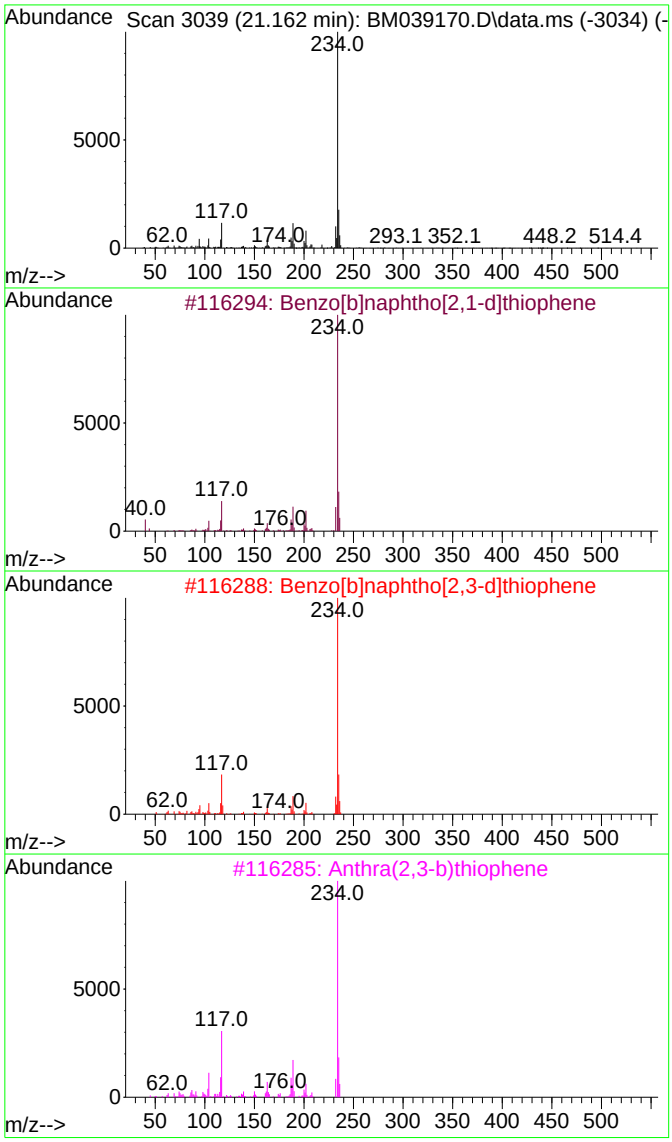
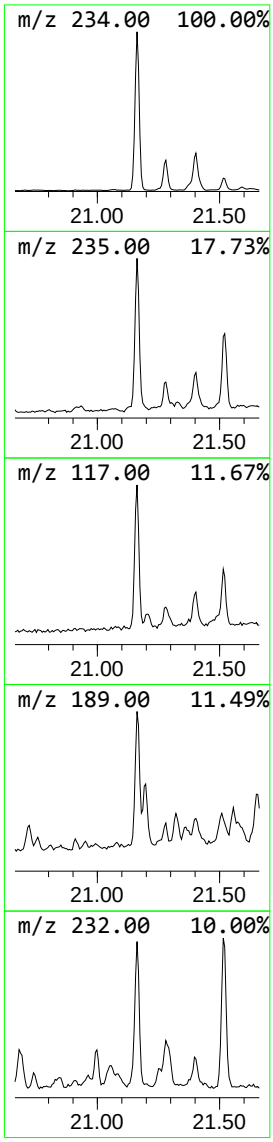
****
Peak Number 18 Benzo[b]naphtho[2,1-d]thiop... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.162	4.84 ng	1721620	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[b]naphtho[2,1-d]thiophene	234	C16H10S	000239-35-0	98
2	Benzo[b]naphtho[2,3-d]thiophene	234	C16H10S	000243-46-9	97
3	Anthra(2,3-b)thiophene	234	C16H10S	022108-55-0	96
4	Benzo[b]naphtho[1,2-d]thiophene	234	C16H10S	000205-43-6	87
5	pyrido[1',2':1,2]imidazo[4,5-b]q...	234	C14H10N4	1000401-06-3	64





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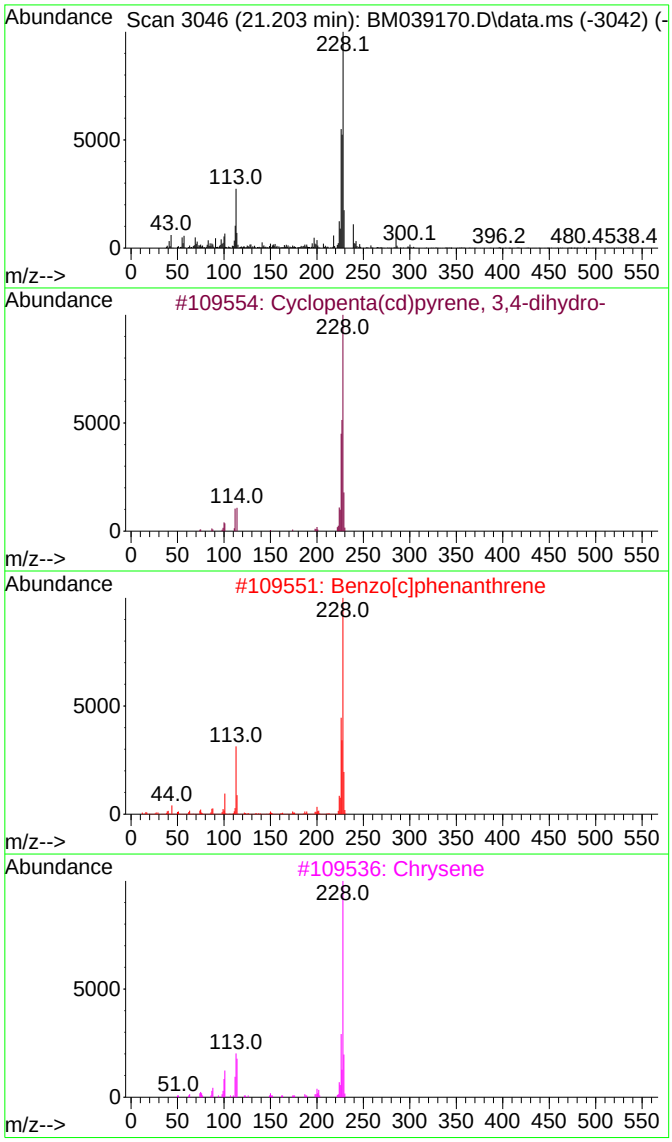
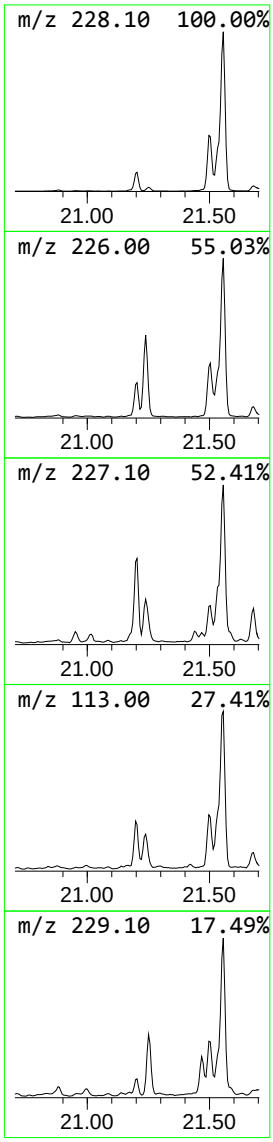
****
Peak Number 19 Cyclopenta(cd)pyrene, 3,4-d... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.203	4.83 ng	1715880	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(cd)pyrene, 3,4-dihydro-	228	C18H12	025732-74-5	60
2	Benzo[c]phenanthrene	228	C18H12	000195-19-7	60
3	Chrysene	228	C18H12	000218-01-9	50
4	5-Phenylthieno[2,3-d]pyrimidin-4-ol	228	C12H8N2OS	035978-39-3	49
5	Triphenylene	228	C18H12	000217-59-4	49





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

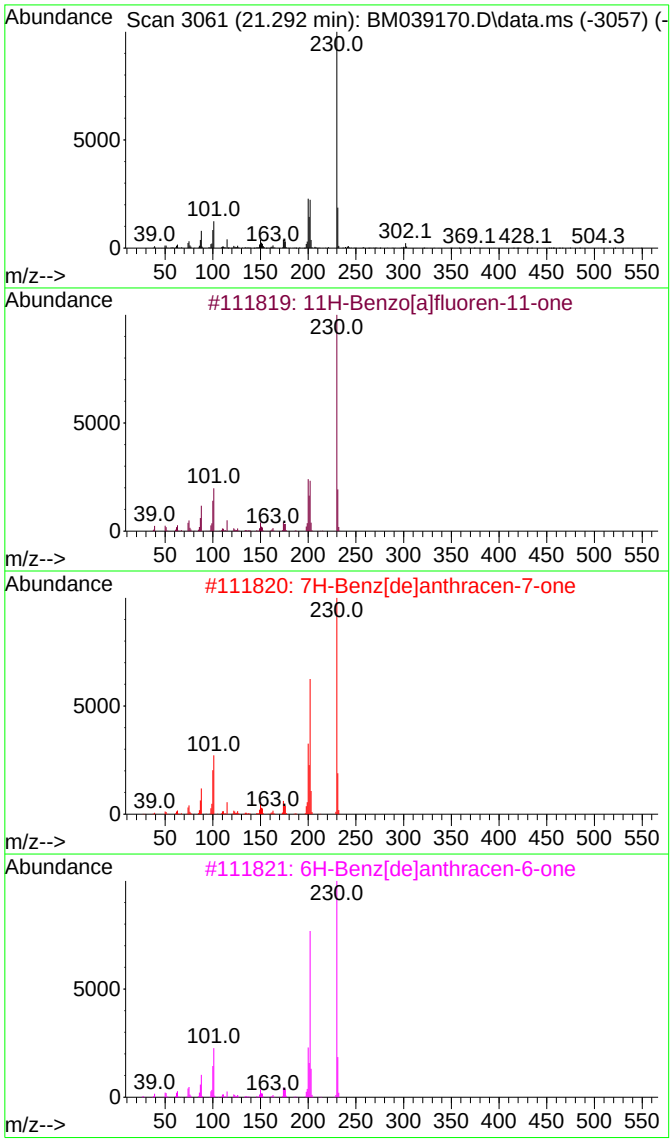
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

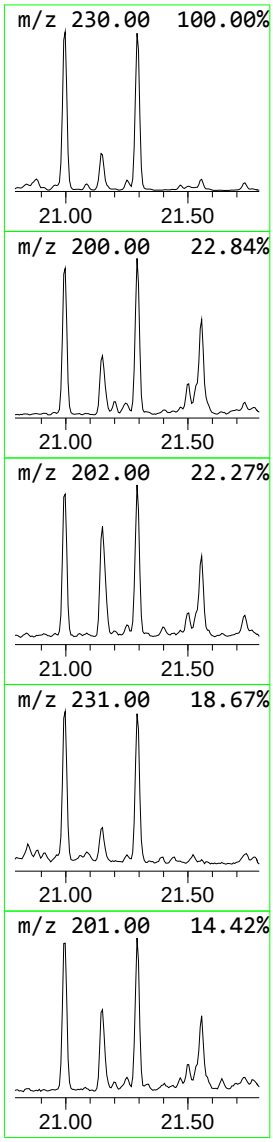
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 20 7H-Benz[de]anthracen-7-one Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.292	5.43 ng	1930130	Chrysene-d12	21.515

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[a]fluoren-11-one	230	C17H10O	000479-79-8	95
2	7H-Benz[de]anthracen-7-one	230	C17H10O	000082-05-3	83
3	6H-Benz[de]anthracen-6-one	230	C17H10O	080252-14-8	76
4	9-Chloro-1-phenazinol	230	C12H7ClN2O	091268-03-0	59
5	4-Isothiazolecarbonitrile, 3,5-b...	230	C8H10N2S3	024135-13-5	59





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032723\
Data File : BM039170.D
Acq On : 27 Mar 2023 21:09
Operator : CG/JU
Sample : 02082-02 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
VNJ-224

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.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-...	5.034	13.0	ng	1175690	1	7.945	1813060	20.0
Benzophenone	15.945	4.5	ng	688365	3	14.586	3029900	20.0
9H-Fluoren-9-one	16.992	3.1	ng	544569	4	17.339	3469560	20.0
Dibenzothiophene	17.151	2.1	ng	369198	4	17.339	3469560	20.0
n-Hexadecanoic ...	18.227	12.2	ng	2120360	4	17.339	3469560	20.0
Phenanthrene, 2...	18.262	6.8	ng	1179420	4	17.339	3469560	20.0
4H-Cyclopenta[d...	18.409	8.4	ng	1459390	4	17.339	3469560	20.0
Anthracene, 2-m...	18.445	2.3	ng	404455	4	17.339	3469560	20.0
Naphthalene, 2-...	18.715	5.8	ng	1010720	4	17.339	3469560	20.0
9,10-Anthracene...	18.756	15.1	ng	2625360	4	17.339	3469560	20.0
Naphthalic anhy...	19.139	3.7	ng	644450	4	17.339	3469560	20.0
Cyclopenta(def)...	19.274	7.8	ng	1357370	4	17.339	3469560	20.0
Octadecanoic acid	19.503	2.1	ng	754816	5	21.515	7111040	20.0
Pyrene, 1-methyl-	20.215	2.6	ng	941571	5	21.515	7111040	20.0
11H-Benzo[b]flu...	20.245	3.3	ng	1181730	5	21.515	7111040	20.0
Pyrene, 4-methyl-	20.409	3.1	ng	1115640	5	21.515	7111040	20.0
11H-Benzo[a]flu...	20.997	5.3	ng	1899620	5	21.515	7111040	20.0
Benzo[b]naphtho...	21.162	4.8	ng	1721620	5	21.515	7111040	20.0
Cyclopenta(cd)p...	21.203	4.8	ng	1715880	5	21.515	7111040	20.0
7H-Benz[de]anth...	21.292	5.4	ng	1930130	5	21.515	7111040	20.0