LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM039268.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.010	284	293	301	rVB	740176	1067259	1.76%	0.364%
2	5.475	363	372	382	rBV	1732047	2533899	4.17%	0.864%
3	7.087	635	646	662	rBV	1655561	2676199	4.40%	0.913%
4	7.916	777	787	796	rBV	1037718	1652047	2.72%	0.563%
5	9.086	979	986	992	rBV	1035044	1675769	2.76%	0.572%
6	10.727	1253	1265	1271	rBV	1307675	2466369	4.06%	0.841%
7	13.186	1677	1683	1692	rVB	2543709	3622616	5.96%	1.236%
8	14.286	1865	1870	1883	rBV	668414	1077534	1.77%	0.368%
9	14.562	1907	1917	1923	rBV	1852935	2874074	4.73%	0.980%
10	15.609	2090	2095	2107	rVB	685045	1125455	1.85%	0.384%
11	15.921	2141	2148	2152	rBV2	448465	835118	1.37%	0.285%
12	16.051	2162	2170	2178	rBV	2012314	3074836	5.06%	1.049%
13	16.268	2203	2207	2216	rBV3	498765	1024960	1.69%	0.350%
14	17.062	2335	2342	2346	rVV2	496107	796150	1.31%	0.272%
15	17.127	2347	2353	2362	rVB2	429437	912789	1.50%	0.311%
16	17.315	2379	2385	2388	rBV	2106083	3116896	5.13%	1.063%
17	17.356	2388	2392	2398	rVV	5945774	8056164	13.25%	2.748%
18	17.445	2402	2407	2412	rVB	1972846	2656647	4.37%	0.906%
19	17.721	2447	2454	2464	rBV	571294	956956	1.57%	0.326%
20	17.986	2493	2499	2504	rBV	23331165	32832647	54.01%	11.198%
21	18.192	2529	2534	2536	rBV	942875	1368620	2.25%	0.467%
22	18.215	2536	2538	2540	rVV	1305510	1616093	2.66%	0.551%
23	18.239	2540	2542	2548	rVV	1485116	1762259	2.90%	0.601%
24	18.321	2551	2556	2561	rVV	548194	790312	1.30%	0.270%
25	18.386	2561	2567	2571	rVV2	1419888	2703341	4.45%	0.922%
26	18.421	2571	2573	2581	rVB	686889	825442	1.36%	0.282%
27	18.498	2582	2586	2589	rBV2	522167	743934	1.22%	0.254%
28	18.692	2616	2619	2623	rVV	582025	684646	1.13%	0.234%
29	18.739	2623	2627	2634	rVB2	635172	924961	1.52%	0.315%
30	19.133	2685	2694	2697	rBV	28497879	60785559	100.00%	20.731%
31	19.180	2699	2702	2709	rVV3	27976993	49468244	81.38%	16.872%
32	19.245	2709	2713	2716	rVV2	1113804	1402298	2.31%	0.478%
33	19.292	2716	2721	2726	rVB	13395544	15718047	25.86%	5.361%
34	19.345	2726	2730	2731	rBV	1833328	1834370	3.02%	0.626%
35	19.374	2731	2735	2741	rVB	8821523	12053982	19.83%	4.111%
36	19.480	2749	2753	2757	rBV3	420400	715045	1.18%	0.244%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

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-BM032923.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.709	2787	2792	2793	rBV2	1371700	1758430	2.89%	0.600%
38	19.739	2793	2797	2805	rVB	6976946	9908585	16.30%	3.379%
39	19.815	2806	2810	2816	rVV2	443949	703684	1.16%	0.240%
40	19.939	2825	2831	2835	rBV	3783334	4682792	7.70%	1.597%
41	20.062	2847	2852	2859	rBV2	569653	1410157	2.32%	0.481%
42	20.203	2869	2876	2877	rBV4	671694	1401758	2.31%	0.478%
43	20.233	2878	2881	2885	rVV	1396656	2020830	3.32%	0.689%
44	20.274	2885	2888	2894	rVB4	715044	896992	1.48%	0.306%
45	20.333	2894	2898	2901	rBV2	781122	875199	1.44%	0.298%
46	20.386	2902	2907	2912	rBV3	2030506	2877503	4.73%	0.981%
47	20.527	2928	2931	2936	rBV	605338	951652	1.57%	0.325%
48	20.574	2936	2939	2942	rVB	531115	631009	1.04%	0.215%
49	20.974	3004	3007	3015	rBV	749163	1209595	1.99%	0.413%
50	21.144	3033	3036	3039	rVB	602992	724151	1.19%	0.247%
51	21.180	3039	3042	3044	rBV	619039	676615	1.11%	0.231%
52	21.274	3055	3058	3064	rVB	740609	993495	1.63%	0.339%
53	21.333	3065	3068	3072	rVV	1128099	1133293	1.86%	0.387%
54	21.486	3089	3094	3099	rBV3	5024486	9504094	15.64%	3.241%
55	21.539	3099	3103	3112	rVB	3420420	4981908	8.20%	1.699%
56	23.180	3376	3382	3387	rBV	2705384	6505976	10.70%	2.219%
57	23.703	3466	3471	3480	rVB	1657017	3181815	5.23%	1.085%
58	23.809	3483	3489	3496	rVB	2804008	5593842	9.20%	1.908%
59	23.915	3502	3507	3512	rBV2	1226755	2150927	3.54%	0.734%

Sum of corrected areas: 293205839

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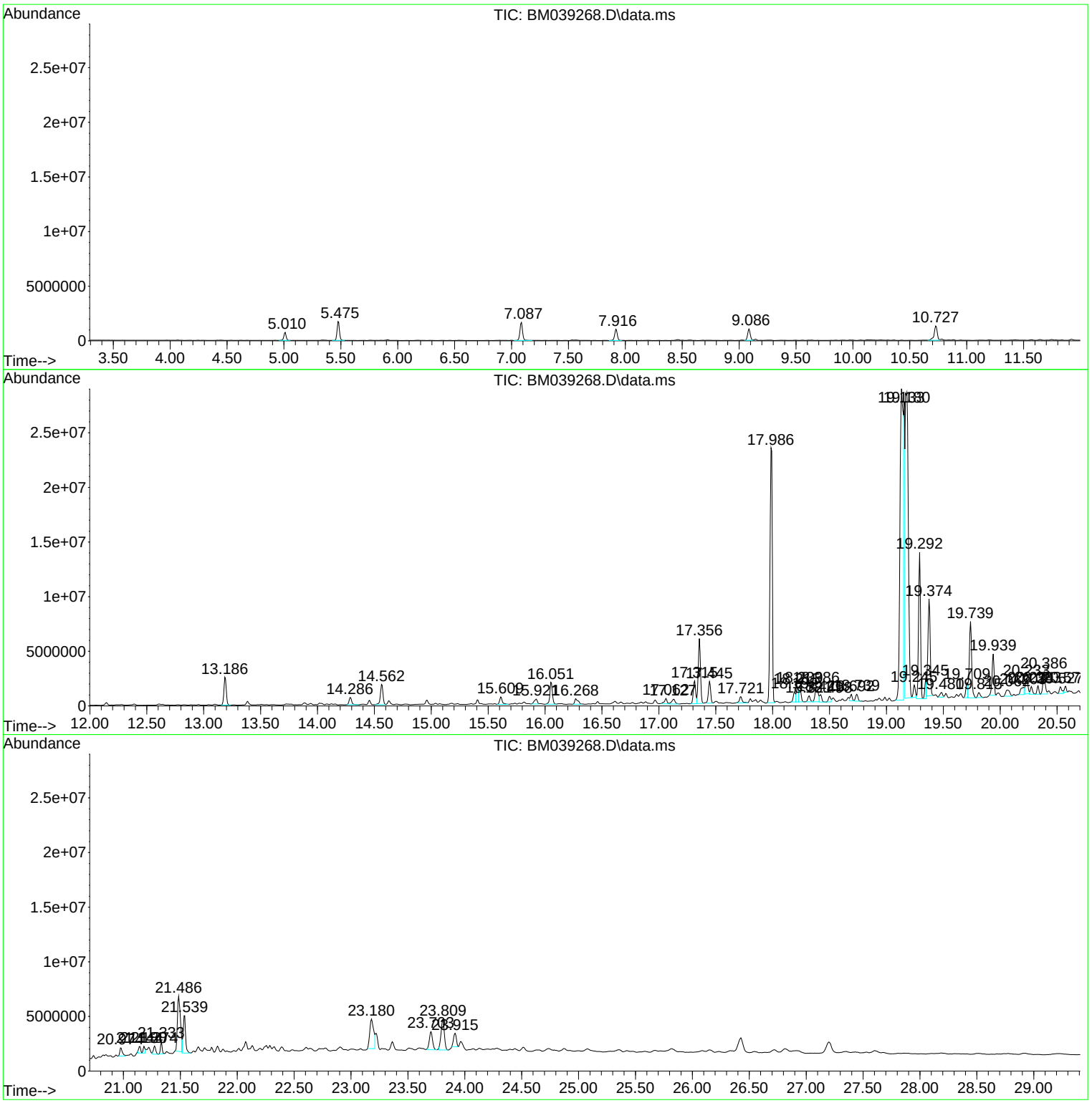
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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\BM033123\
Data File : BM039268.D
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Operator : CG/JU
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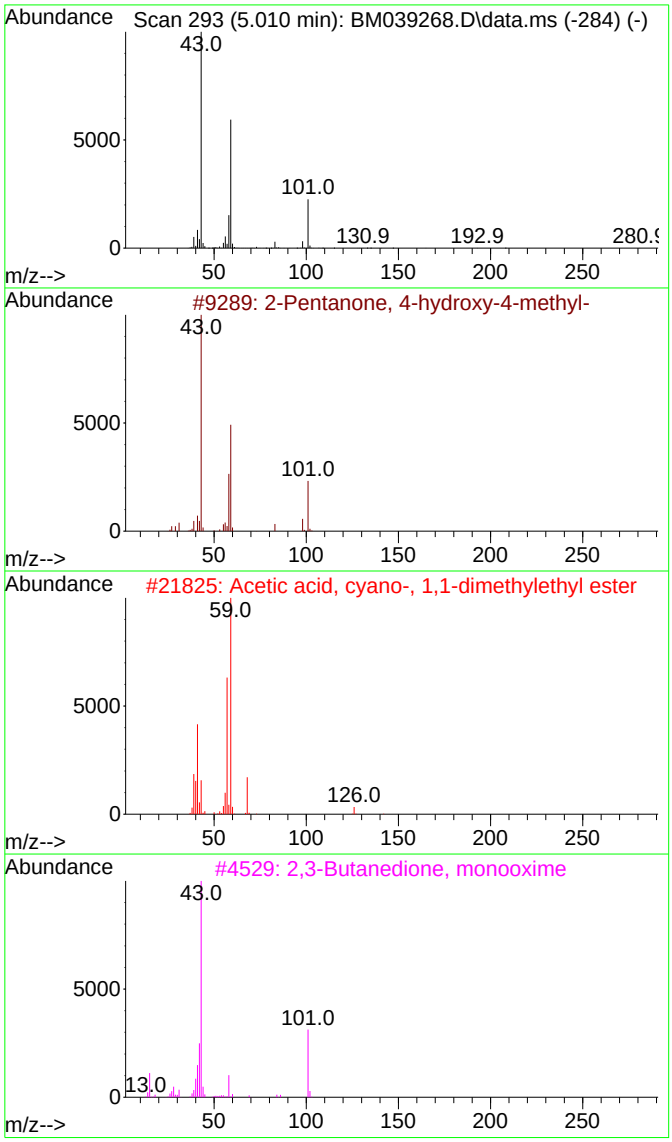
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

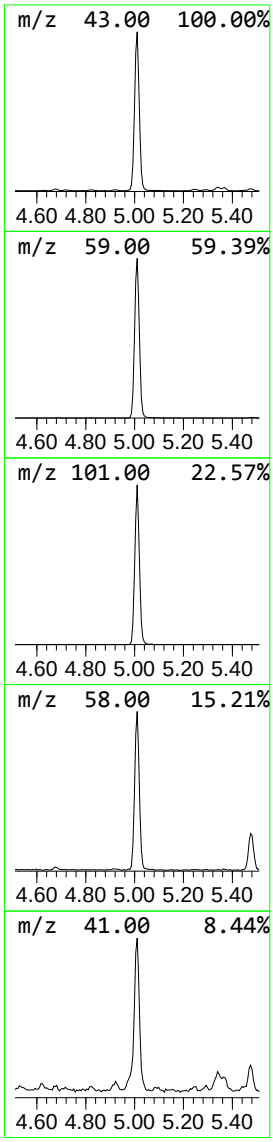
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.010	12.92 ng	1067260	1,4-Dichlorobenzene-d4	7.916

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, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

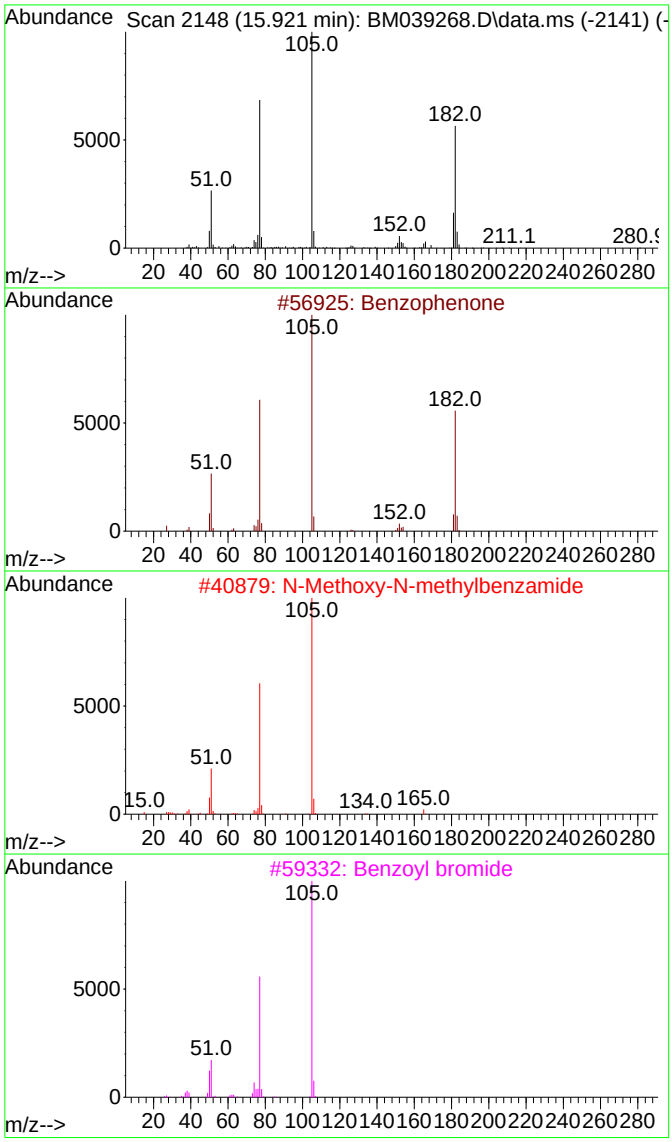
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

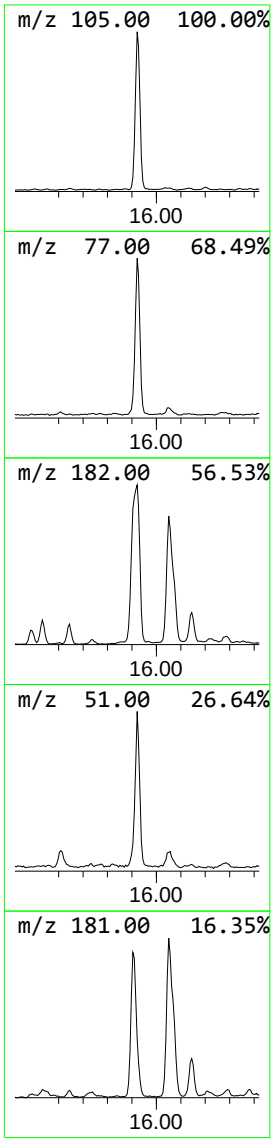
****

Peak Number 2 Benzophenone Concentration Rank 16

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.921	5.81 ng	835118	Acenaphthene-d10	14.563

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	49
3	Benzoyl bromide	184	C7H5BrO	000618-32-6	47
4	Benzenebutanoic acid, .gamma.-oxo-	178	C10H10O3	002051-95-8	47
5	Vinyl benzoate	148	C9H8O2	000769-78-8	47





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

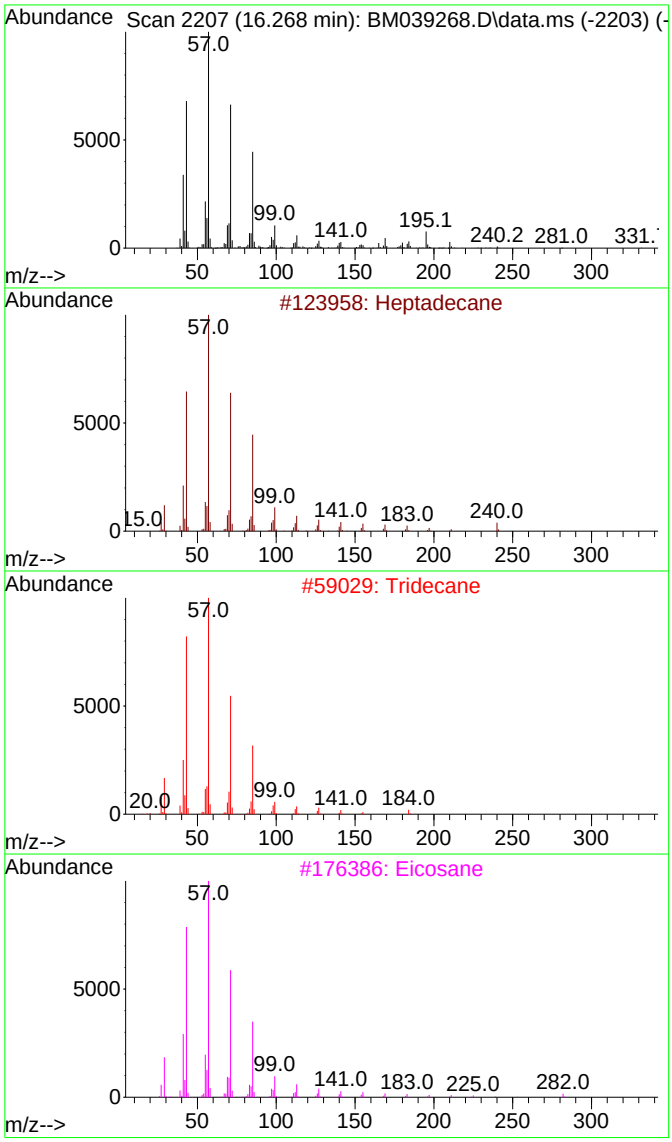
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

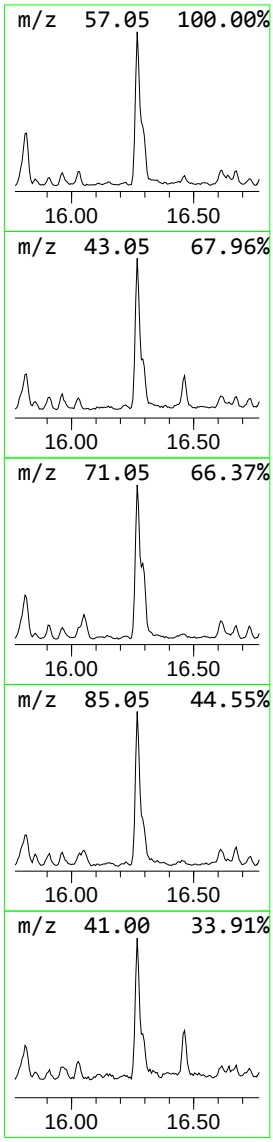
****

Peak Number 3 Heptadecane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.268	6.58 ng	1024960	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane	240	C17H36	000629-78-7	94
2	Tridecane	184	C13H28	000629-50-5	92
3	Eicosane	282	C20H42	000112-95-8	83
4	Heneicosane	296	C21H44	000629-94-7	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

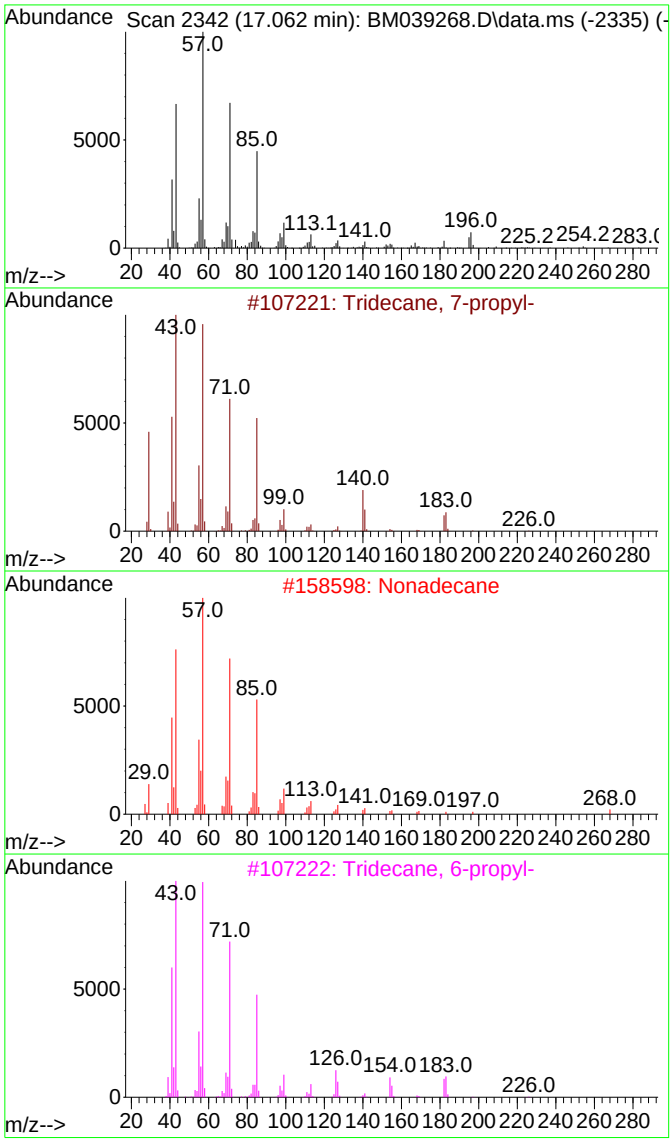
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

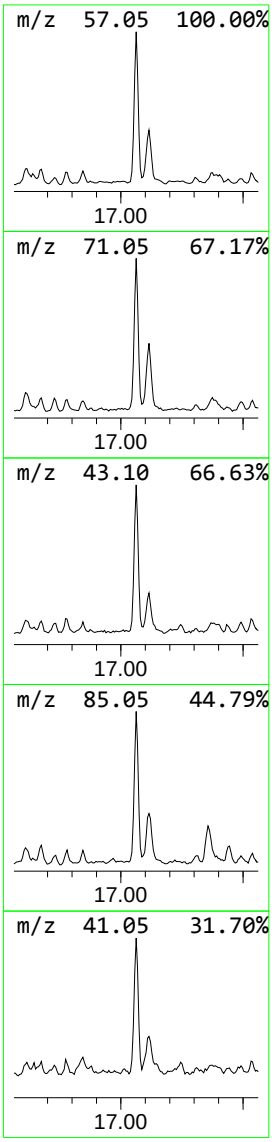
****

Peak Number 4 Tridecane, 7-propyl- Concentration Rank 18

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.062	5.11 ng	796150	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 7-propyl-	226	C16H34	055045-09-5	90
2	Nonadecane	268	C19H40	000629-92-5	87
3	Tridecane, 6-propyl-	226	C16H34	055045-10-8	87
4	Tetracosane	338	C24H50	000646-31-1	86
5	Heneicosane	296	C21H44	000629-94-7	86





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Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

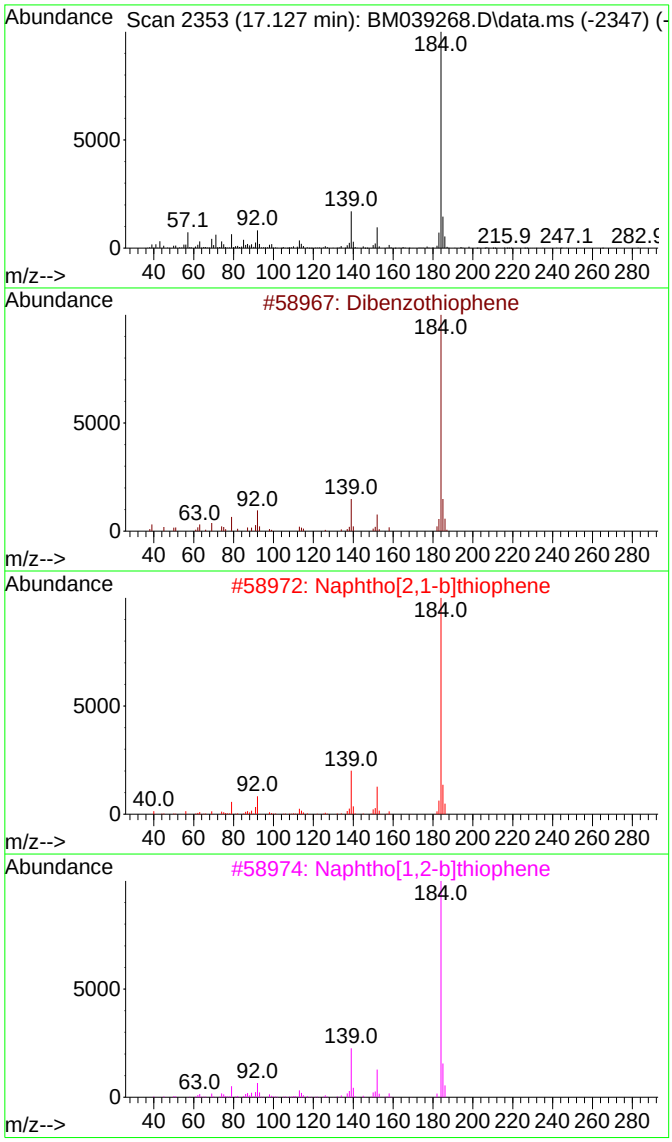
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

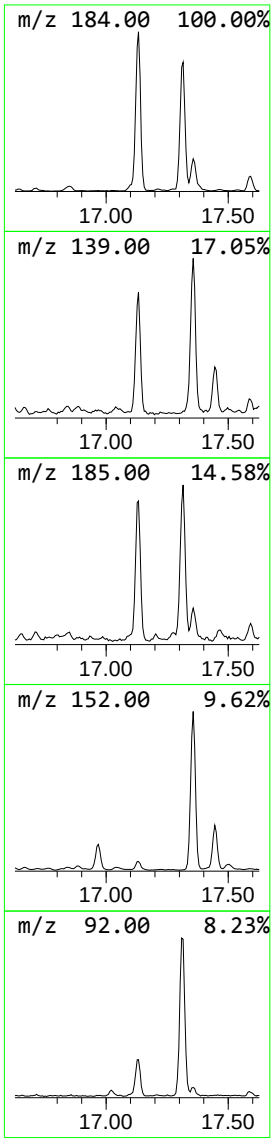
****

Peak Number 5 Dibenzothiophene Concentration Rank 15

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.127	5.86 ng	912789	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dibenzothiophene	184	C12H8S	000132-65-0	96
2	Naphtho[2,1-b]thiophene	184	C12H8S	000233-02-3	94
3	Naphtho[1,2-b]thiophene	184	C12H8S	000234-41-3	93
4	Naphtho[2,3-b]thiophene	184	C12H8S	000268-77-9	90
5	Azuleno(2,1-b)thiophene	184	C12H8S	000248-13-5	90





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

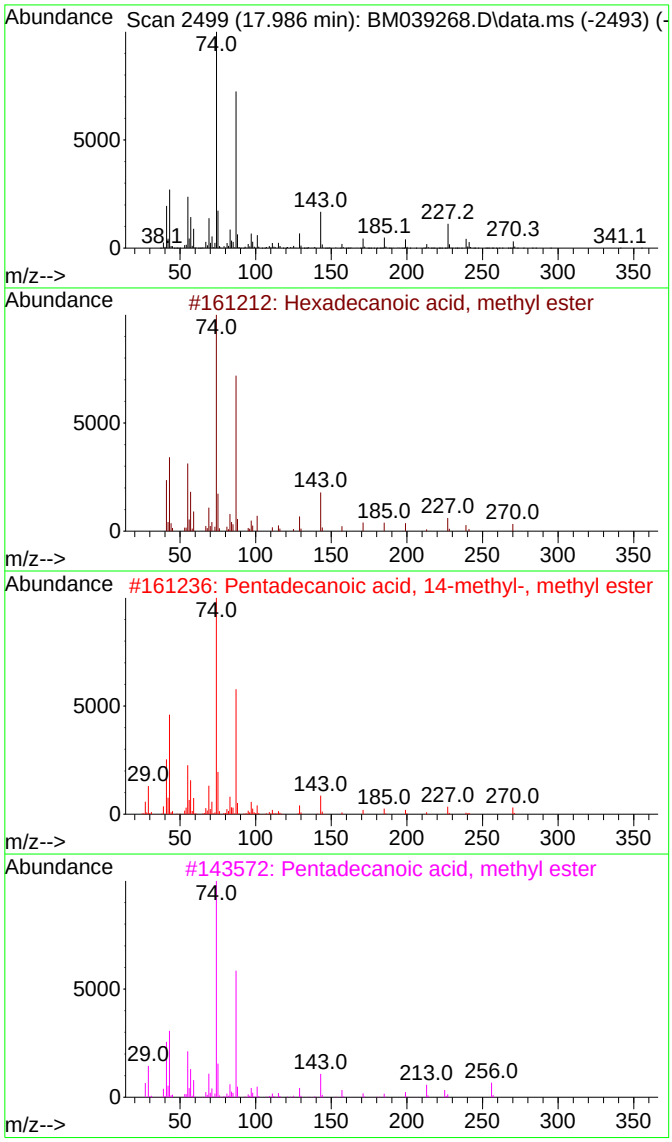
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

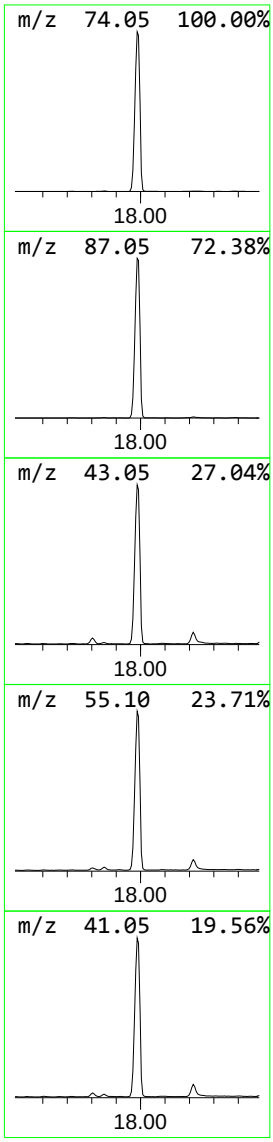
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 6 Hexadecanoic acid, methyl e... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.986	210.68 ng	32832600	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, methyl ester	270	C17H34O2	000112-39-0	98
2	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	96
3	Pentadecanoic acid, methyl ester	256	C16H32O2	007132-64-1	86
4	Hexadecanoic acid, 2-methyl-	270	C17H34O2	027147-71-3	80
5	Tridecanoic acid, 12-methyl-, me...	242	C15H30O2	005129-58-8	80





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Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

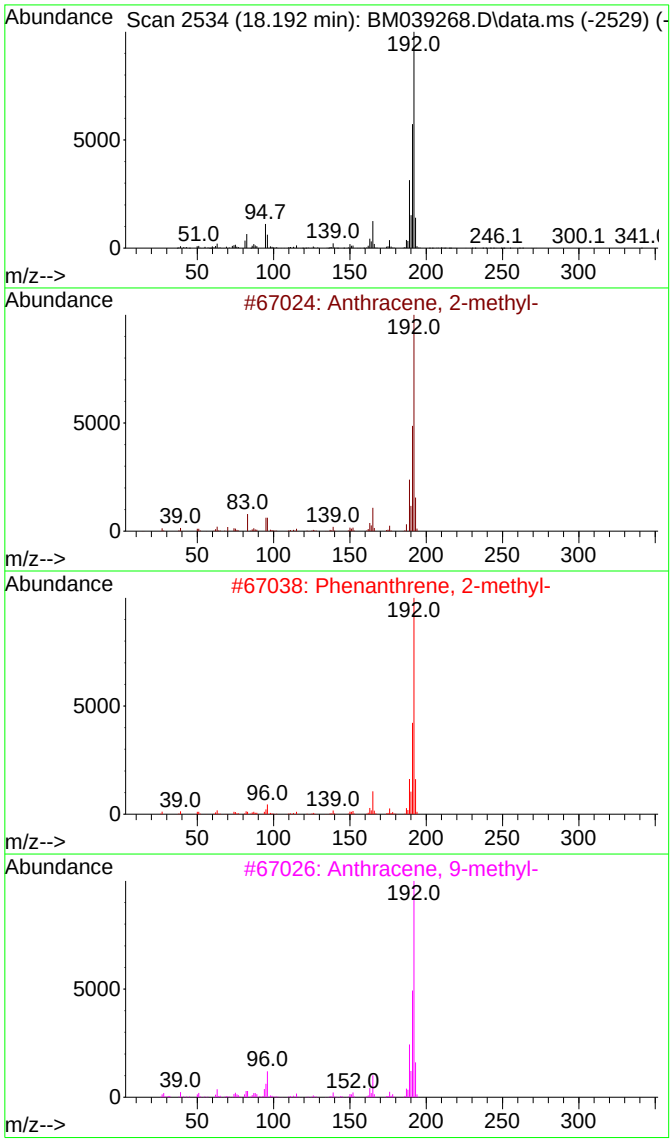
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

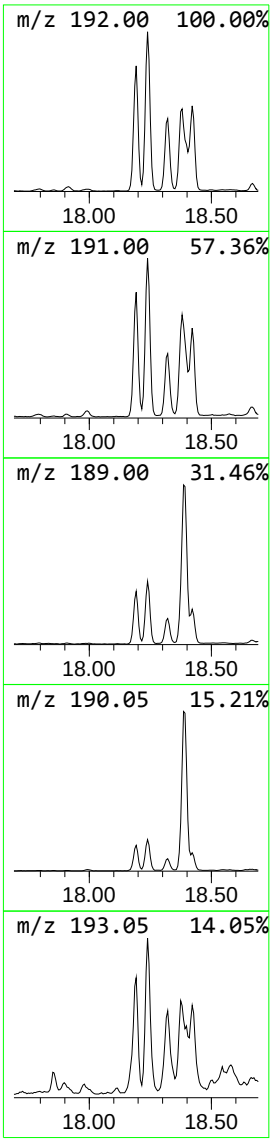
****

Peak Number 7 Anthracene, 2-methyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.192	8.78 ng	1368620	Phenanthrene-d10	17.315

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	Anthracene, 9-methyl-	192	C15H12	000779-02-2	93
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	93
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	93





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
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Instrument :
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ClientSampleId :
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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

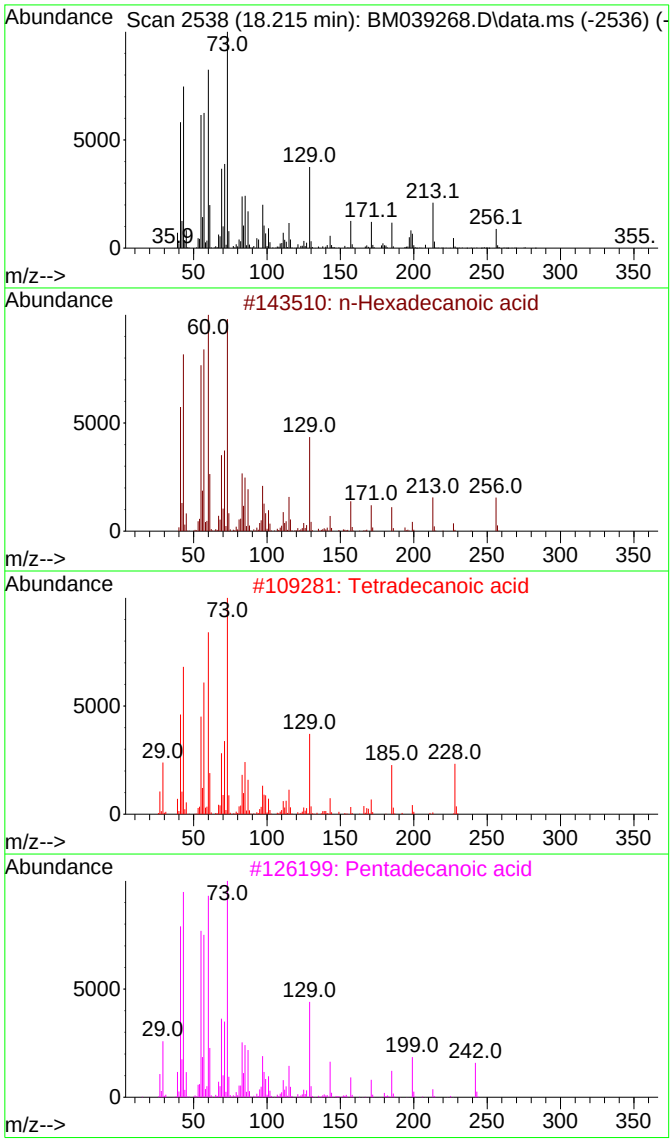
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

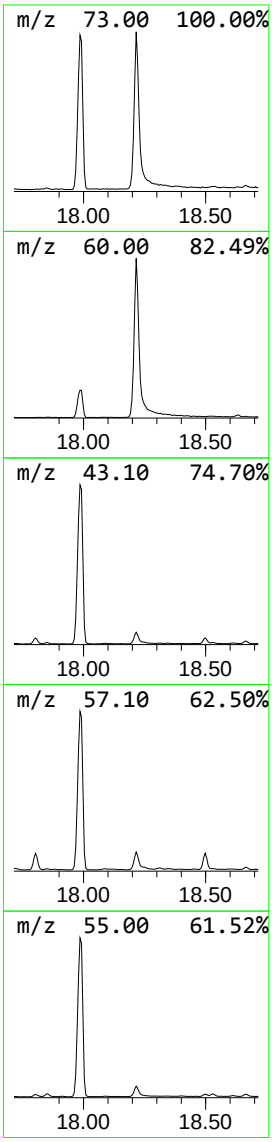
****

Peak Number 8 n-Hexadecanoic acid Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.215	10.37 ng	1616090	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	91
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64





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Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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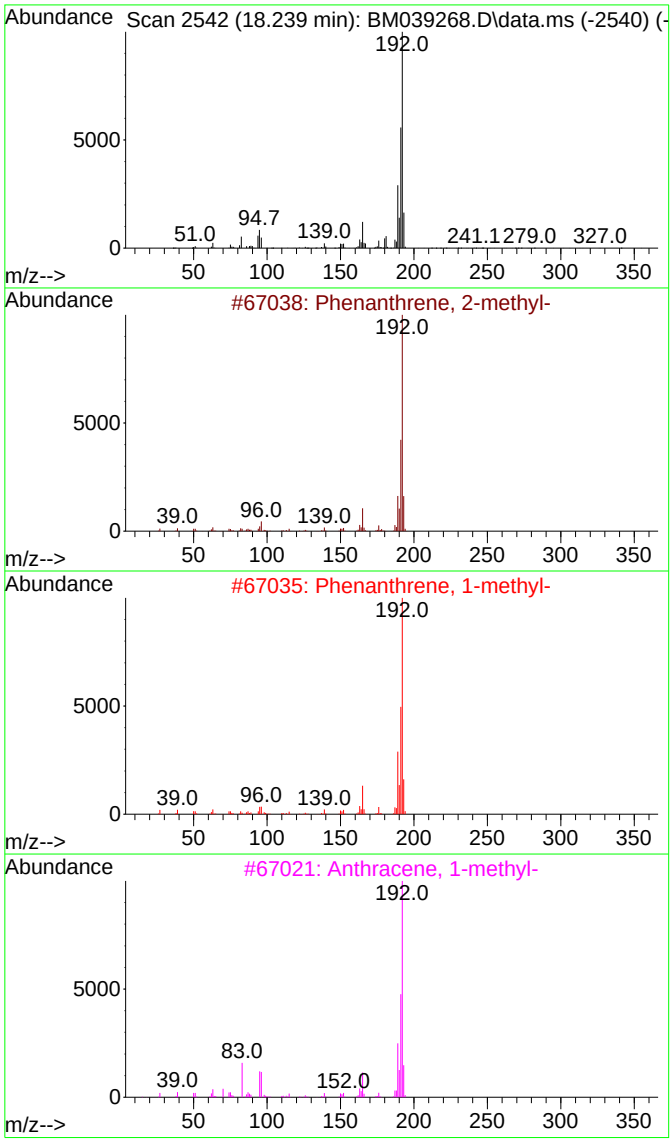
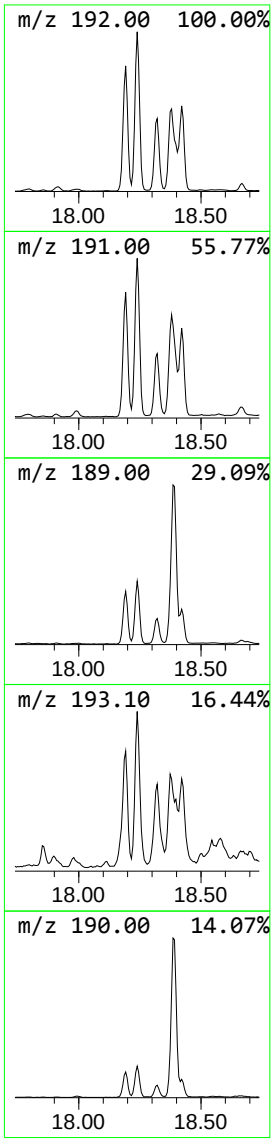
Peak Number 9 Phenanthrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	11.31 ng	1762260	Phenanthrene-d10	17.315

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





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ClientSampleId :
SU-03-033023

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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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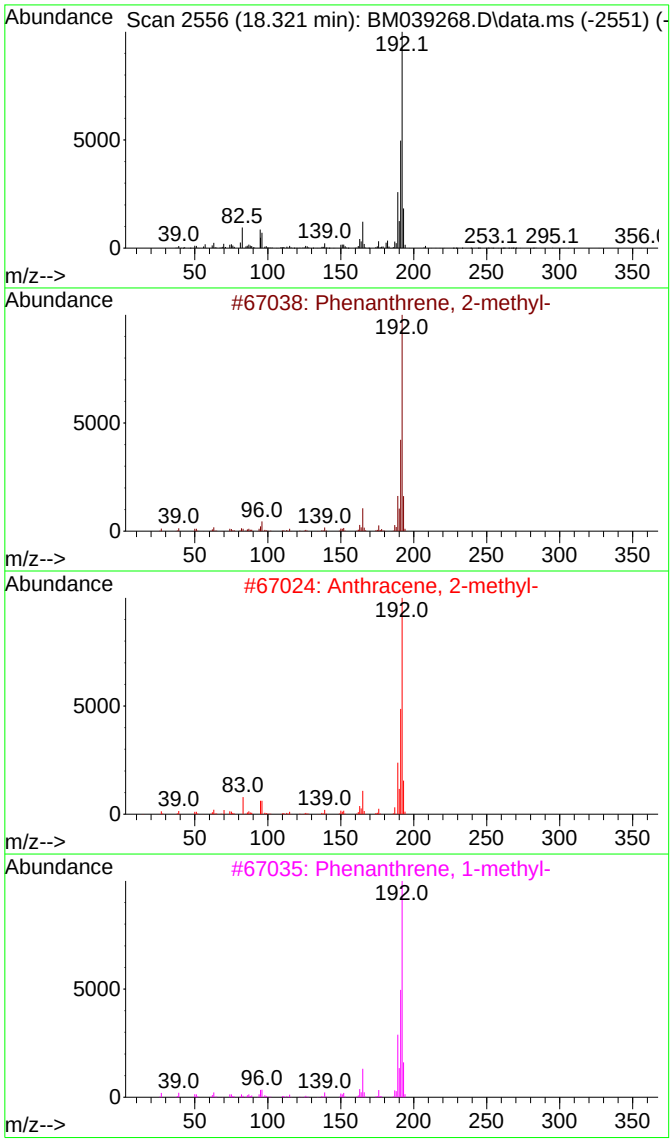
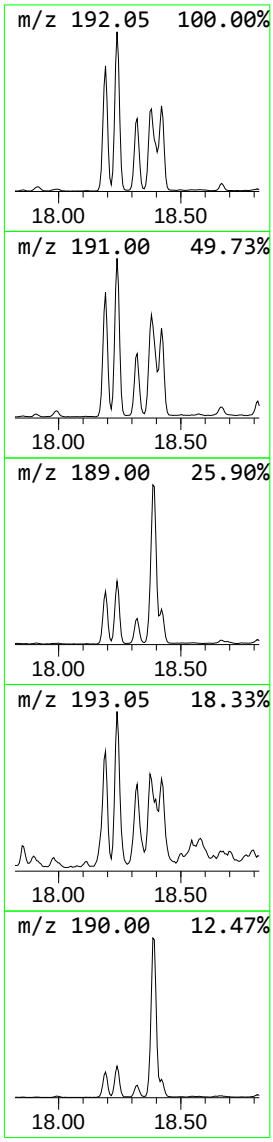
Peak Number 10 Phenanthrene, 1-methyl- Concentration Rank 19

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.321	5.07 ng	790312	Phenanthrene-d10	17.315

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	96
4	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	96
5	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	95





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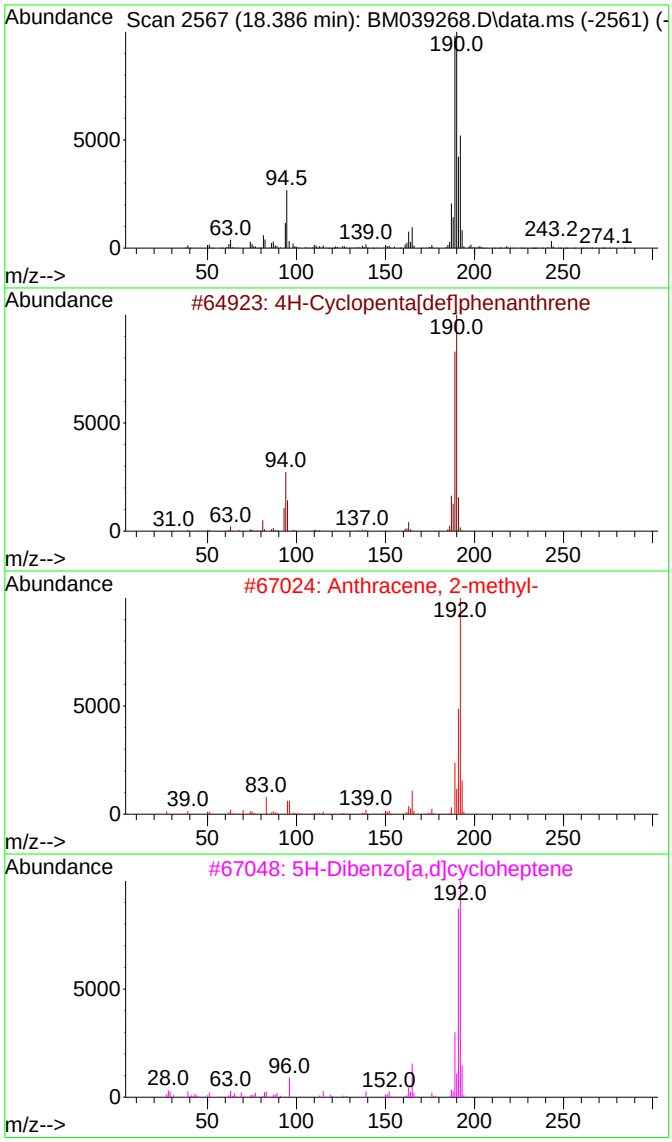
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

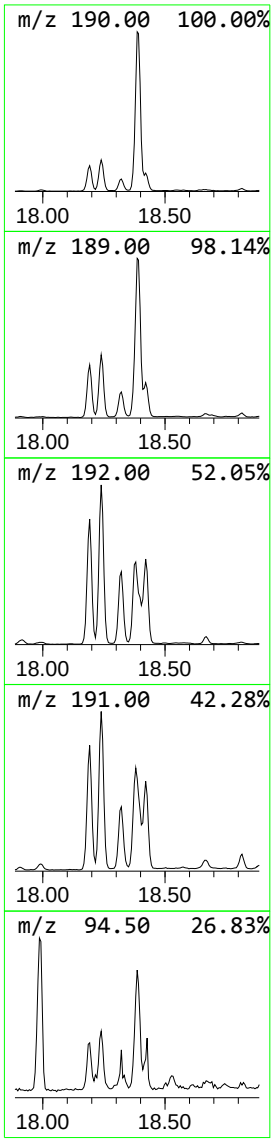
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 11 4H-Cyclopenta[def]phenanthrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.386	17.35 ng	2703340	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	94
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	25
3	5H-Dibenzo[a,d]cycloheptene	192	C15H12	000256-81-5	18
4	Propyne, 1,3-diphenyl-	192	C15H12	004980-70-5	18
5	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	15





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Misc :
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ClientSampleId :
SU-03-033023

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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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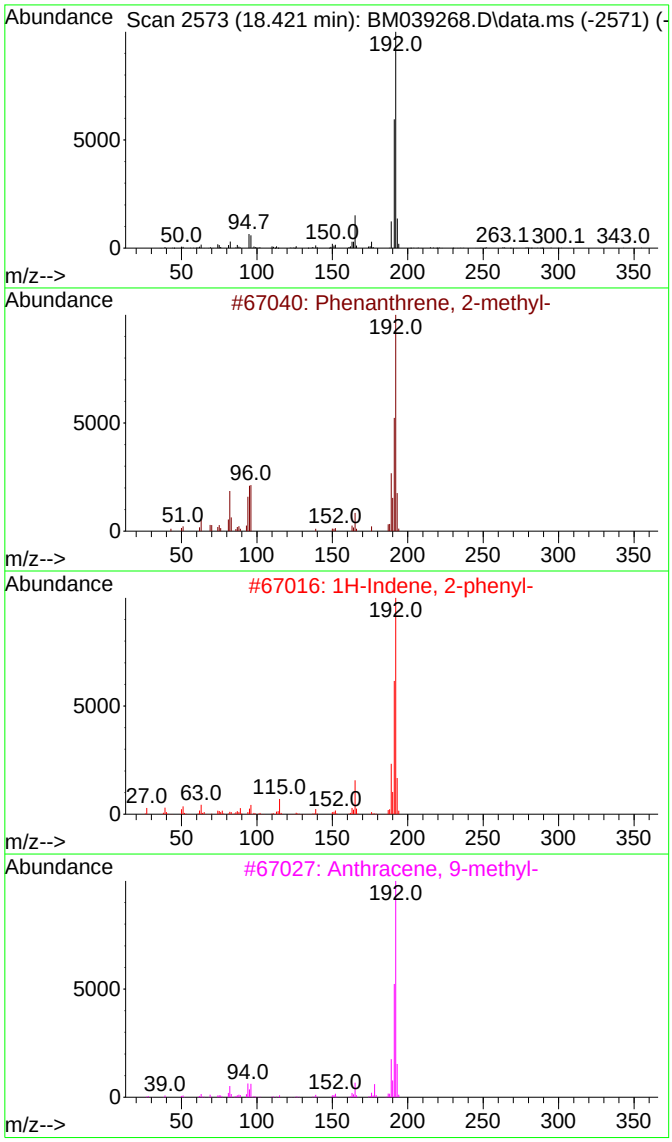
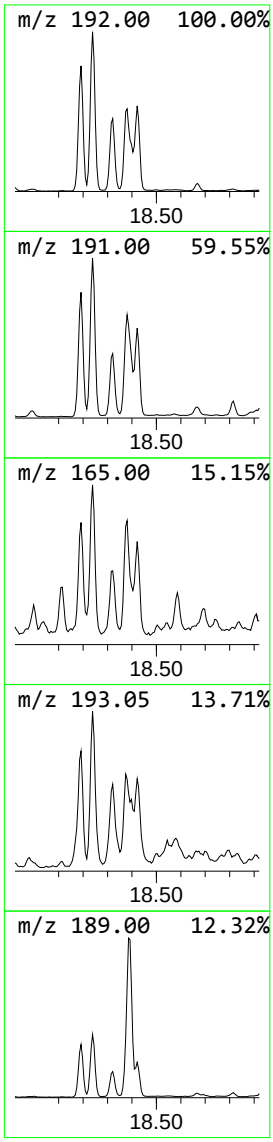
Peak Number 12 1H-Indene, 2-phenyl- Concentration Rank 17

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.421	5.30 ng	825442	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	90
2	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	87
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	87
4	Phenanthrene, 1-methyl-	192	C15H12	000832-69-9	87
5	Anthracene, 2-methyl-	192	C15H12	000613-12-7	87





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Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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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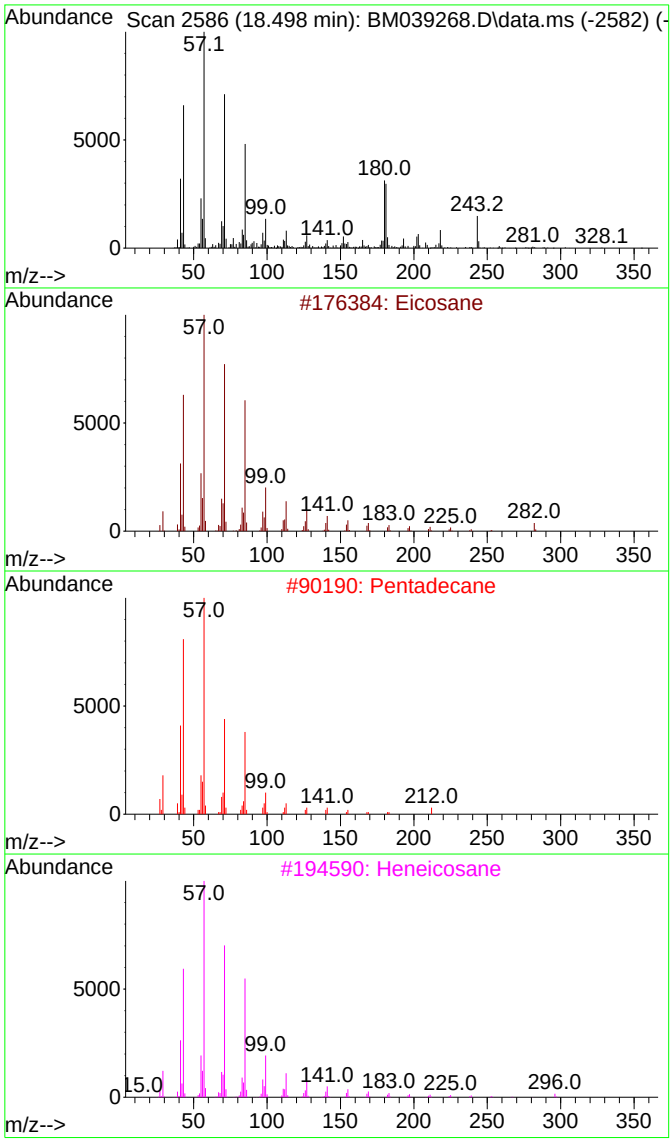
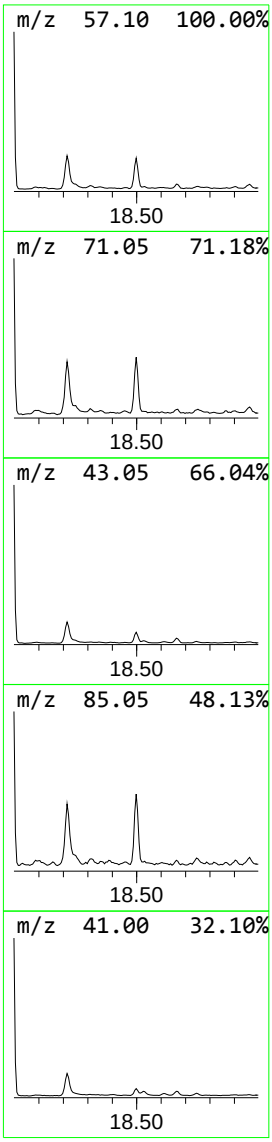
Peak Number 13 Eicosane Concentration Rank 20

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.497	4.77 ng	743934	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	93
2	Pentadecane	212	C15H32	000629-62-9	83
3	Heneicosane	296	C21H44	000629-94-7	64
4	Hexacosane	366	C26H54	000630-01-3	64
5	Octacosane	394	C28H58	000630-02-4	64





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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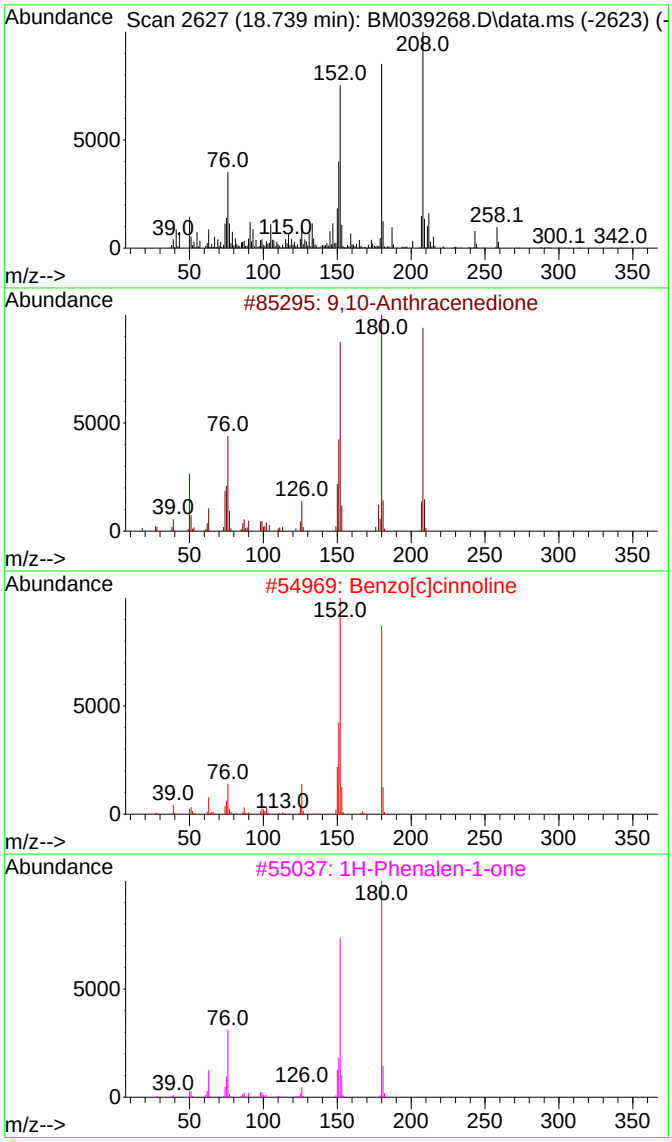
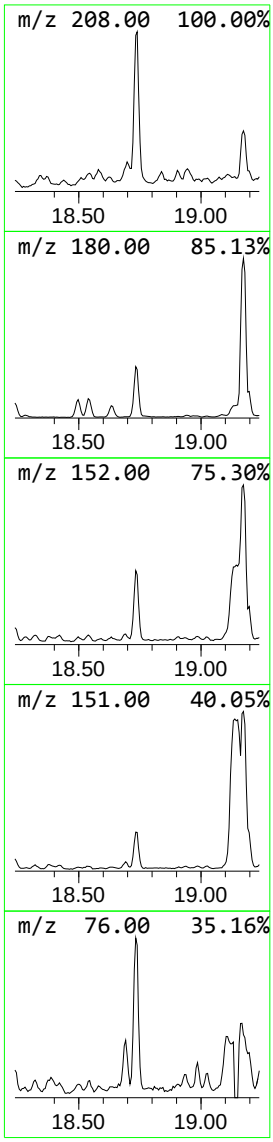
Peak Number 14 9,10-Anthracenedione Concentration Rank 14

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.739	5.94 ng	924961	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Anthracenedione	208	C14H8O2	000084-65-1	94
2	Benzo[c]cinnoline	180	C12H8N2	000230-17-1	92
3	1H-Phenalen-1-one	180	C13H8O	000548-39-0	70
4	Benzo[h]cinnoline	180	C12H8N2	000230-31-9	55
5	2,3-Methylenedioxyanisole	152	C8H8O3	001817-95-4	25





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Misc :
ALS Vial : 16 Sample Multiplier: 1

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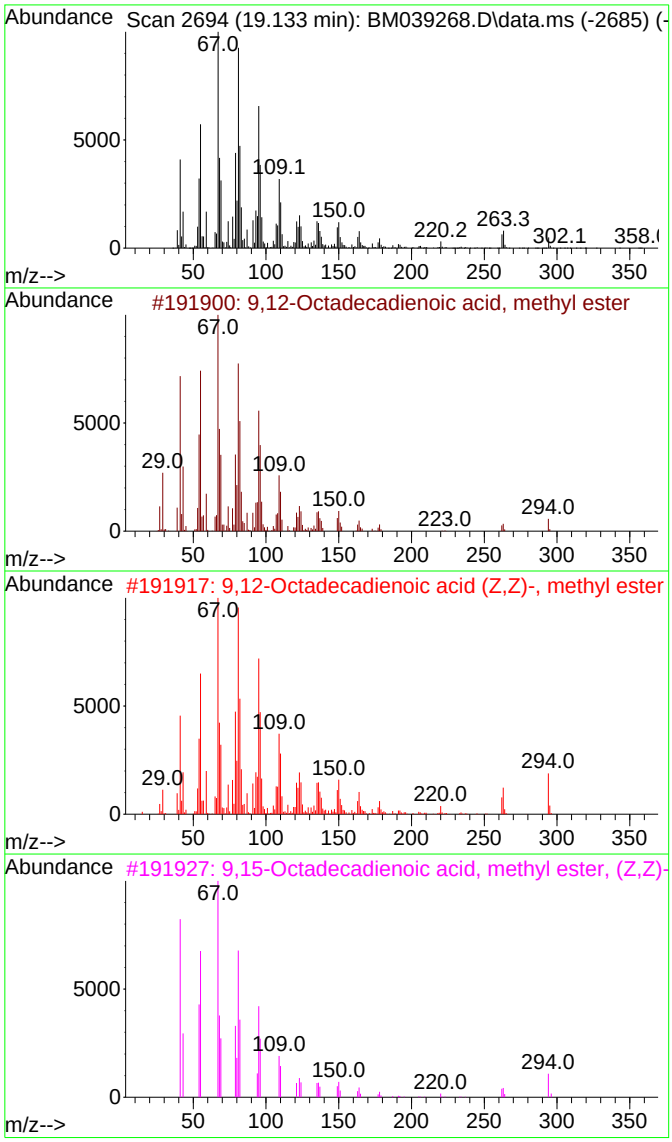
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

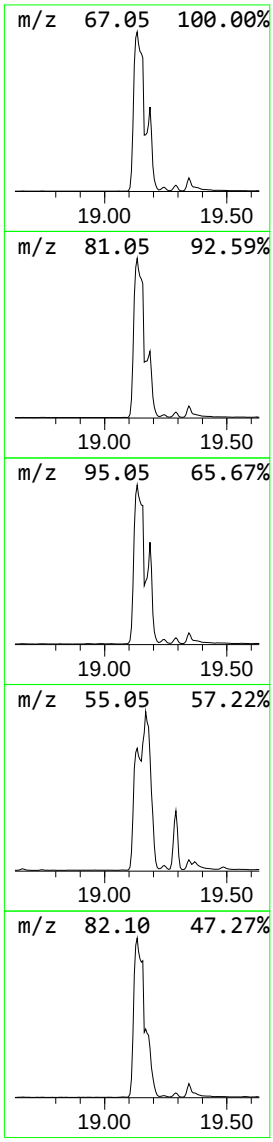
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 15 9,12-Octadecadienoic acid, ... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.133	390.04 ng	60785600	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,12-Octadecadienoic acid, methy...	294	C19H34O2	002462-85-3	99
2	9,12-Octadecadienoic acid (Z,Z)-...	294	C19H34O2	000112-63-0	99
3	9,15-Octadecadienoic acid, methy...	294	C19H34O2	017309-05-6	99
4	Methyl 9-cis,11-trans-octadecadi...	294	C19H34O2	013058-52-1	99
5	10,13-Octadecadienoic acid, meth...	294	C19H34O2	056554-62-2	99





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Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
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ClientSampleId :
SU-03-033023

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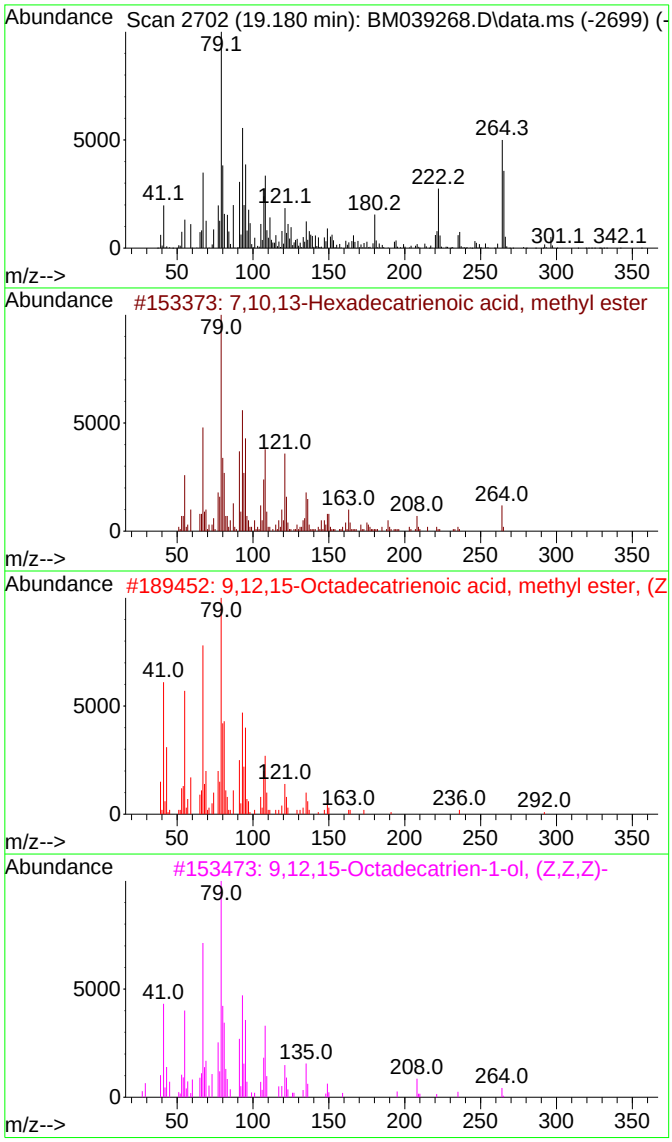
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

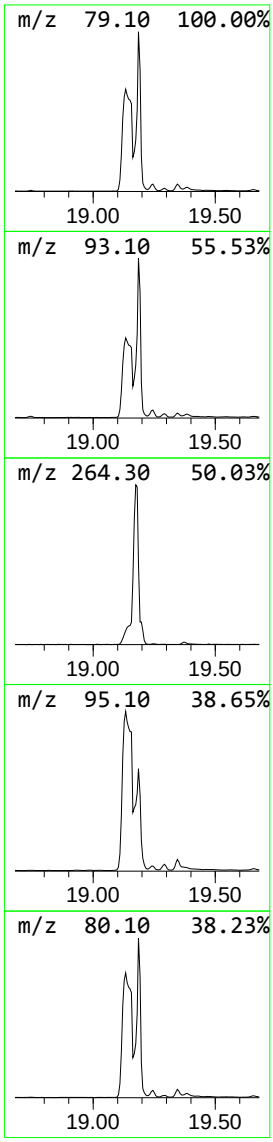
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 16 7,10,13-Hexadecatrienoic ac... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.180	317.42 ng	49468200	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,10,13-Hexadecatrienoic acid, m...	264	C17H28O2	056554-30-4	90
2	9,12,15-Octadecatrienoic acid, m...	292	C19H32O2	000301-00-8	89
3	9,12,15-Octadecatrien-1-ol, (Z,Z...	264	C18H32O	000506-44-5	52
4	7,10,13-Hexadecatrienoic acid, (...	250	C16H26O2	007561-64-0	50
5	Methyl 9.cis.,11.trans.t,13.tran...	292	C19H32O2	1000336-42-6	45





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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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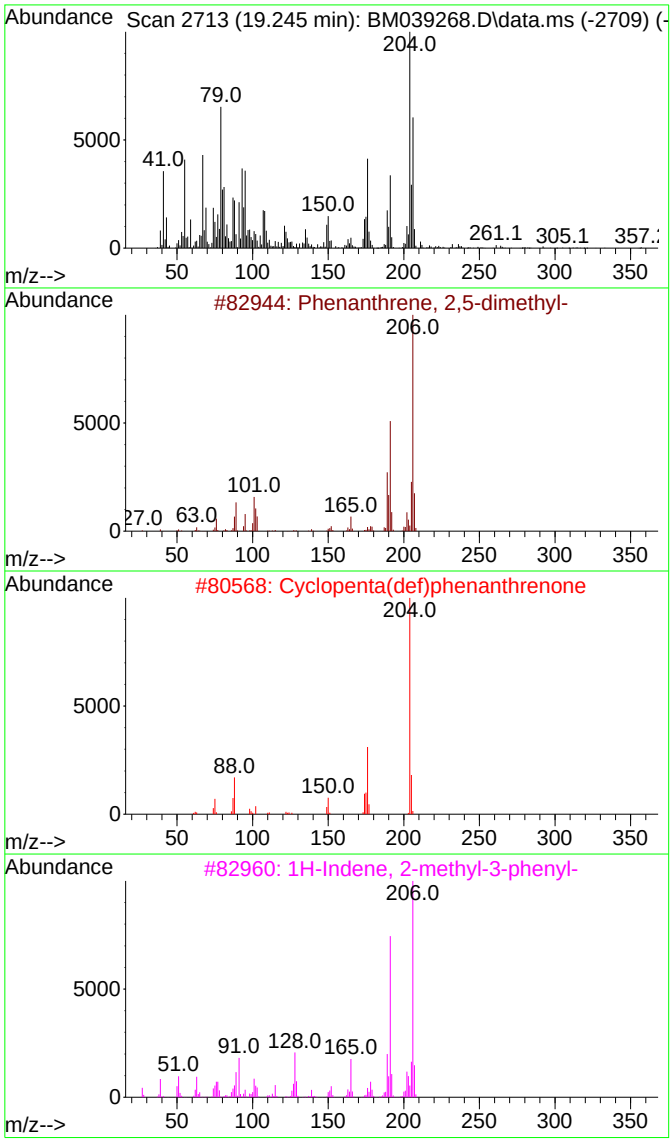
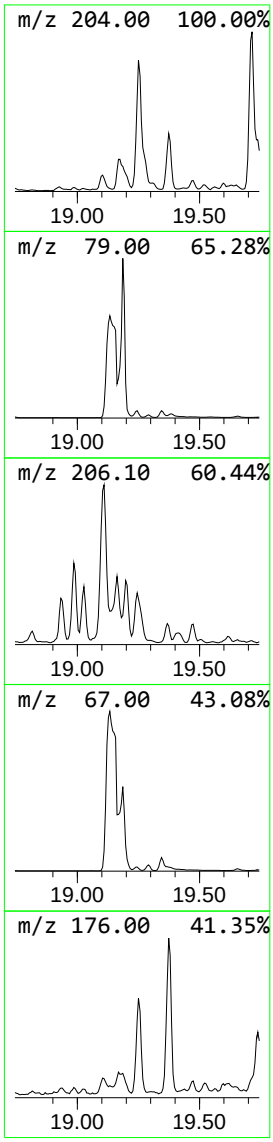
Peak Number 17 Phenanthrene, 2,5-dimethyl- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.244	9.00 ng	1402300	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	56
2	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	46
3	1H-Indene, 2-methyl-3-phenyl-	206	C16H14	035099-60-6	25
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	25
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	25





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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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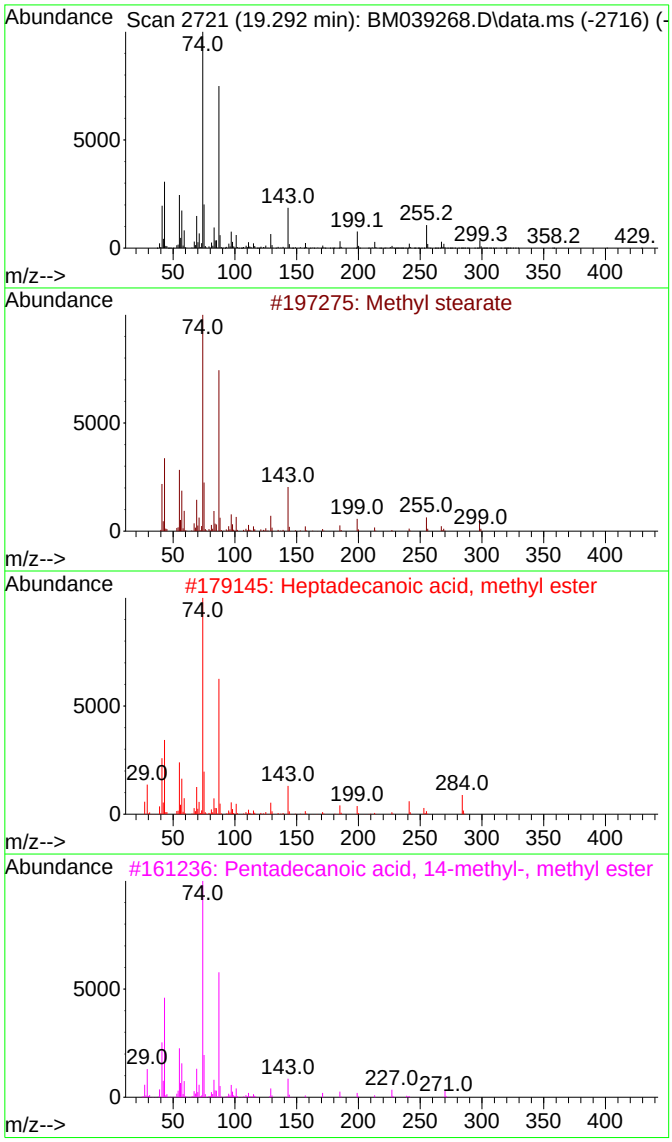
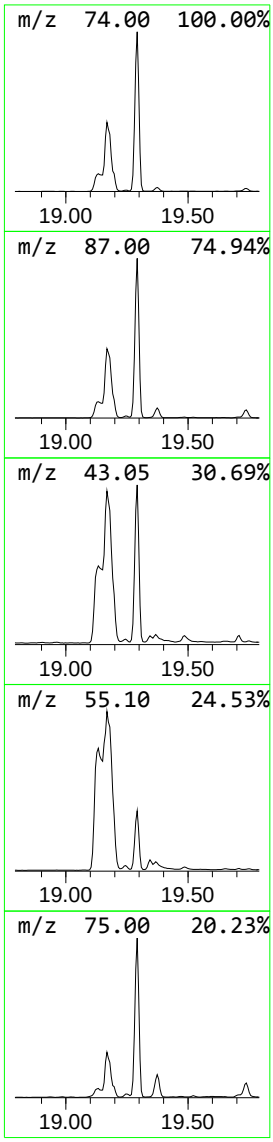
Peak Number 18 Methyl stearate Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.292	100.86 ng	15718000	Phenanthrene-d10	17.315

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methyl stearate	298	C19H38O2	000112-61-8	98
2	Heptadecanoic acid, methyl ester	284	C18H36O2	001731-92-6	91
3	Pentadecanoic acid, 14-methyl-, ...	270	C17H34O2	005129-60-2	90
4	Heptadecanoic acid, 16-methyl-, ...	298	C19H38O2	005129-61-3	90
5	Methyl tetradecanoate	242	C15H30O2	000124-10-7	87





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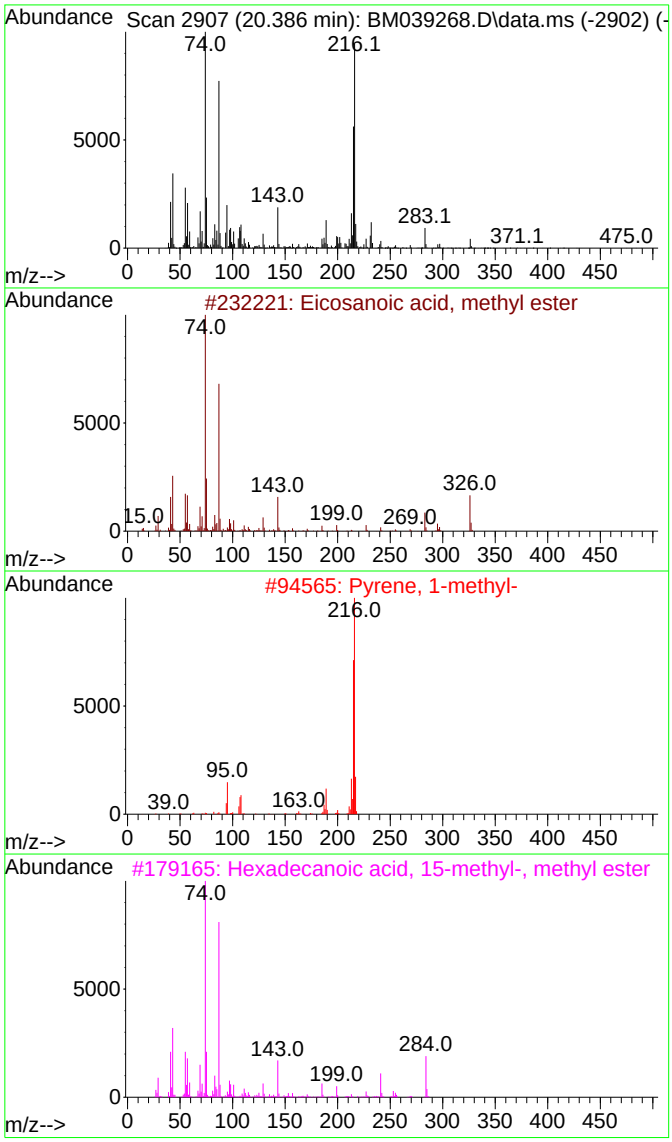
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

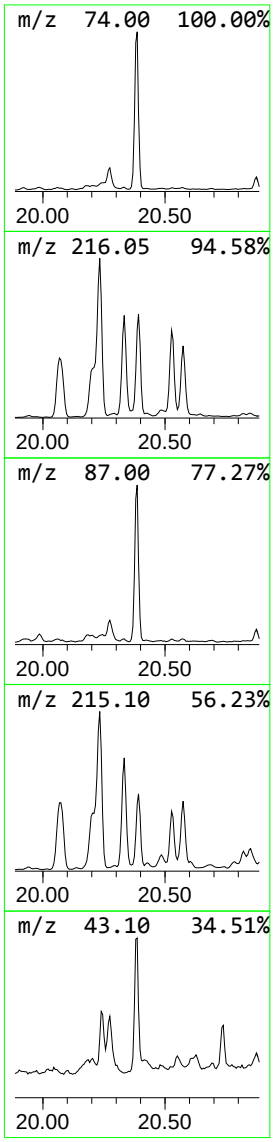
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 19 Eicosanoic acid, methyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.386	6.06 ng	2877500	Chrysene-d12	21.497

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosanoic acid, methyl ester	326	C21H42O2	001120-28-1	95
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	81
3	Hexadecanoic acid, 15-methyl-, m...	284	C18H36O2	006929-04-0	60
4	Pyrene, 4-methyl-	216	C17H12	003353-12-6	47
5	Undecanoic acid, 10-methyl-, met...	214	C13H26O2	005129-56-6	46





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

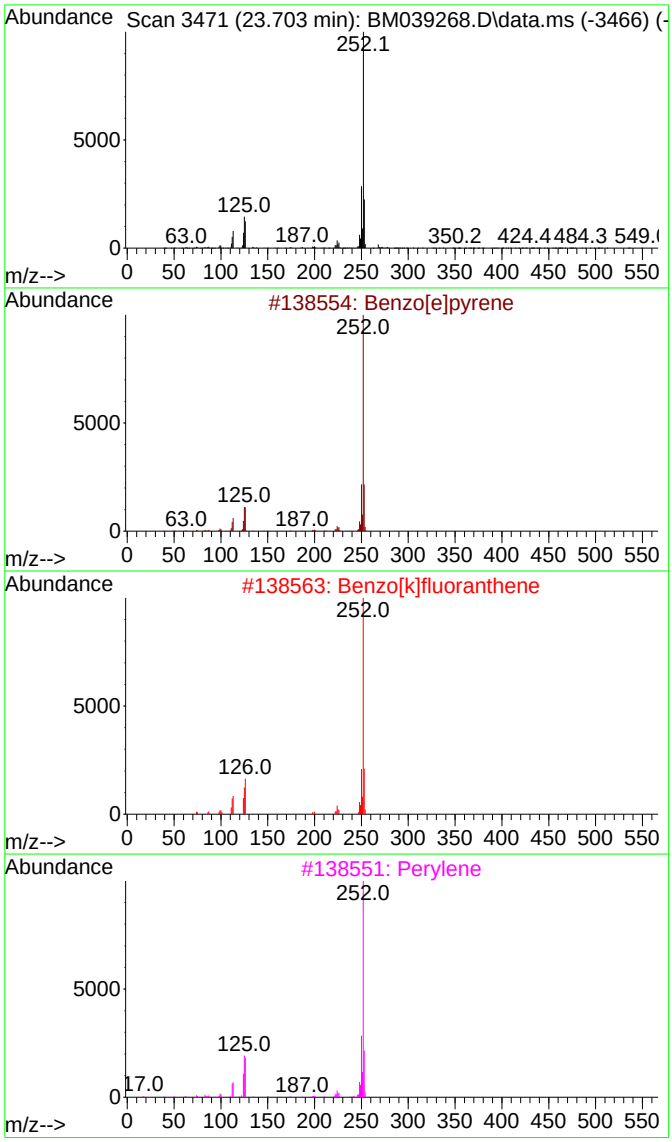
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

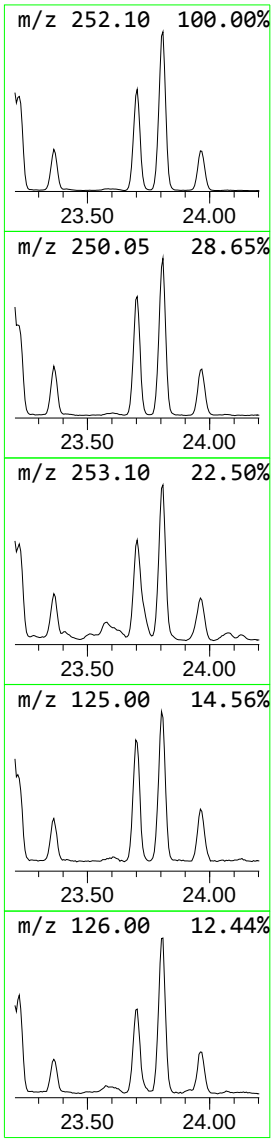
****

Peak Number 20 Benzo[e]pyrene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.703	29.59 ng	3181820	Perylene-d12	23.915

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2	Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3	Perylene	252	C20H12	000198-55-0	97
4	Benzo[b]fluoranthene	252	C20H12	000205-99-2	94
5	Benzo[a]pyrene	252	C20H12	000050-32-8	93





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033123\
Data File : BM039268.D
Acq On : 01 Apr 2023 00:18
Operator : CG/JU
Sample : 02136-01 2X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SU-03-033023

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.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-...	5.010	12.9	ng	1067260	1	7.916	1652050	20.0
Benzophenone	15.921	5.8	ng	835118	3	14.563	2874070	20.0
Heptadecane	16.268	6.6	ng	1024960	4	17.315	3116900	20.0
Tridecane, 7-pr...	17.062	5.1	ng	796150	4	17.315	3116900	20.0
Dibenzothiophene	17.127	5.9	ng	912789	4	17.315	3116900	20.0
Hexadecanoic ac...	17.986	210.7	ng	32832600	4	17.315	3116900	20.0
Anthracene, 2-m...	18.192	8.8	ng	1368620	4	17.315	3116900	20.0
n-Hexadecanoic ...	18.215	10.4	ng	1616090	4	17.315	3116900	20.0
Phenanthrene, 2...	18.239	11.3	ng	1762260	4	17.315	3116900	20.0
Phenanthrene, 1...	18.321	5.1	ng	790312	4	17.315	3116900	20.0
4H-Cyclopenta[d...	18.386	17.4	ng	2703340	4	17.315	3116900	20.0
1H-Indene, 2-ph...	18.421	5.3	ng	825442	4	17.315	3116900	20.0
Eicosane	18.497	4.8	ng	743934	4	17.315	3116900	20.0
9,10-Anthracene...	18.739	5.9	ng	924961	4	17.315	3116900	20.0
9,12-Octadecadi...	19.133	390.0	ng	60785600	4	17.315	3116900	20.0
7,10,13-Hexadec...	19.180	317.4	ng	49468200	4	17.315	3116900	20.0
Phenanthrene, 2...	19.244	9.0	ng	1402300	4	17.315	3116900	20.0
Methyl stearate	19.292	100.9	ng	15718000	4	17.315	3116900	20.0
Eicosanoic acid...	20.386	6.1	ng	2877500	5	21.497	9504090	20.0
Benzo[e]pyrene	23.703	29.6	ng	3181820	6	23.915	2150930	20.0