LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM042580.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	4.422	206	210	218	rBV	5065	9237	1.13%	0.151%
2	5.452	379	385	397	rVB	73519	113029	13.81%	1.854%
3	7.081	656	662	673	rBV	65637	114601	14.01%	1.879%
4	7.916	798	804	814	rBV	140220	225300	27.53%	3.695%
5	9.116	1002	1008	1019	rBV	40326	74857	9.15%	1.228%
6	10.734	1276	1283	1289	rBV	174829	285110	34.84%	4.676%
7	10.786	1289	1292	1303	rVB	9594	17302	2.11%	0.284%
8	13.186	1693	1700	1707	rBV	111622	159986	19.55%	2.624%
9	13.410	1730	1738	1746	rBV2	37529	62393	7.62%	1.023%
10	14.298	1883	1889	1896	rBV	14860	26489	3.24%	0.434%
11	14.569	1928	1935	1941	rBV	259433	370777	45.31%	6.080%
12	14.633	1941	1946	1952	rVB	9059	14910	1.82%	0.245%
13	14.969	1996	2003	2007	rBV2	7578	15894	1.94%	0.261%
14	15.616	2105	2113	2119	rBV2	13708	22099	2.70%	0.362%
15	16.063	2182	2189	2199	rVB	89347	135329	16.54%	2.219%
16	16.610	2276	2282	2287	rVB5	7341	13910	1.70%	0.228%
17	16.663	2287	2291	2296	rBV5	7307	13338	1.63%	0.219%
18	17.139	2367	2372	2378	rVB2	11142	17065	2.09%	0.280%
19	17.321	2395	2403	2407	rBV	303719	454297	55.52%	7.450%
20	17.363	2407	2410	2417	rVB	207328	267125	32.65%	4.381%
21	17.457	2421	2426	2432	rBV	52848	79923	9.77%	1.311%
22	17.739	2470	2474	2479	rVB4	13271	19897	2.43%	0.326%
23	17.904	2498	2502	2504	rBV4	7988	11227	1.37%	0.184%
24	18.168	2542	2547	2549	rBV	99344	135541	16.56%	2.223%
25	18.239	2555	2559	2565	rVB	56261	83057	10.15%	1.362%
26	18.321	2570	2573	2577	rVV2	23739	29838	3.65%	0.489%
27	18.392	2579	2585	2588	rVV2	56689	115642	14.13%	1.896%
28	18.427	2588	2591	2596	rVB2	38523	53025	6.48%	0.870%
29	18.692	2632	2636	2641	rBV	30052	42893	5.24%	0.703%
30	18.933	2674	2677	2680	rVB3	10736	14079	1.72%	0.231%
31	18.980	2682	2685	2688	rVB2	14221	15998	1.96%	0.262%
32	19.021	2689	2692	2695	rBV2	13081	15960	1.95%	0.262%
33	19.068	2698	2700	2702	rBV3	10527	11093	1.36%	0.182%
34	19.104	2702	2706	2709	rBV	37838	55797	6.82%	0.915%
35	19.233	2726	2728	2731	rBV4	14598	19586	2.39%	0.321%
36	19.374	2747	2752	2760	rBV	356463	504354	61.64%	8.271%

LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
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ClientSampleId :
Z-6(5-10)

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-BM103023.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

37	19.445	2761	2764	2772	rBV3	57116	99113	12.11%	1.625%
38	19.704	2804	2808	2811	rBV2	58454	98574	12.05%	1.617%
39	19.745	2811	2815	2821	rVB	336339	445616	54.46%	7.308%
40	19.933	2842	2847	2851	rBV	194401	252580	30.87%	4.142%
41	20.233	2895	2898	2903	rVB	65872	86556	10.58%	1.419%
42	20.333	2912	2915	2918	rBV	52023	64247	7.85%	1.054%
43	21.503	3108	3114	3118	rBV2	434532	818270	100.00%	13.419%
44	21.539	3118	3120	3125	rVB	219811	255265	31.20%	4.186%
45	23.921	3521	3525	3531	rBV	212632	356702	43.59%	5.850%

Sum of corrected areas: 6097881

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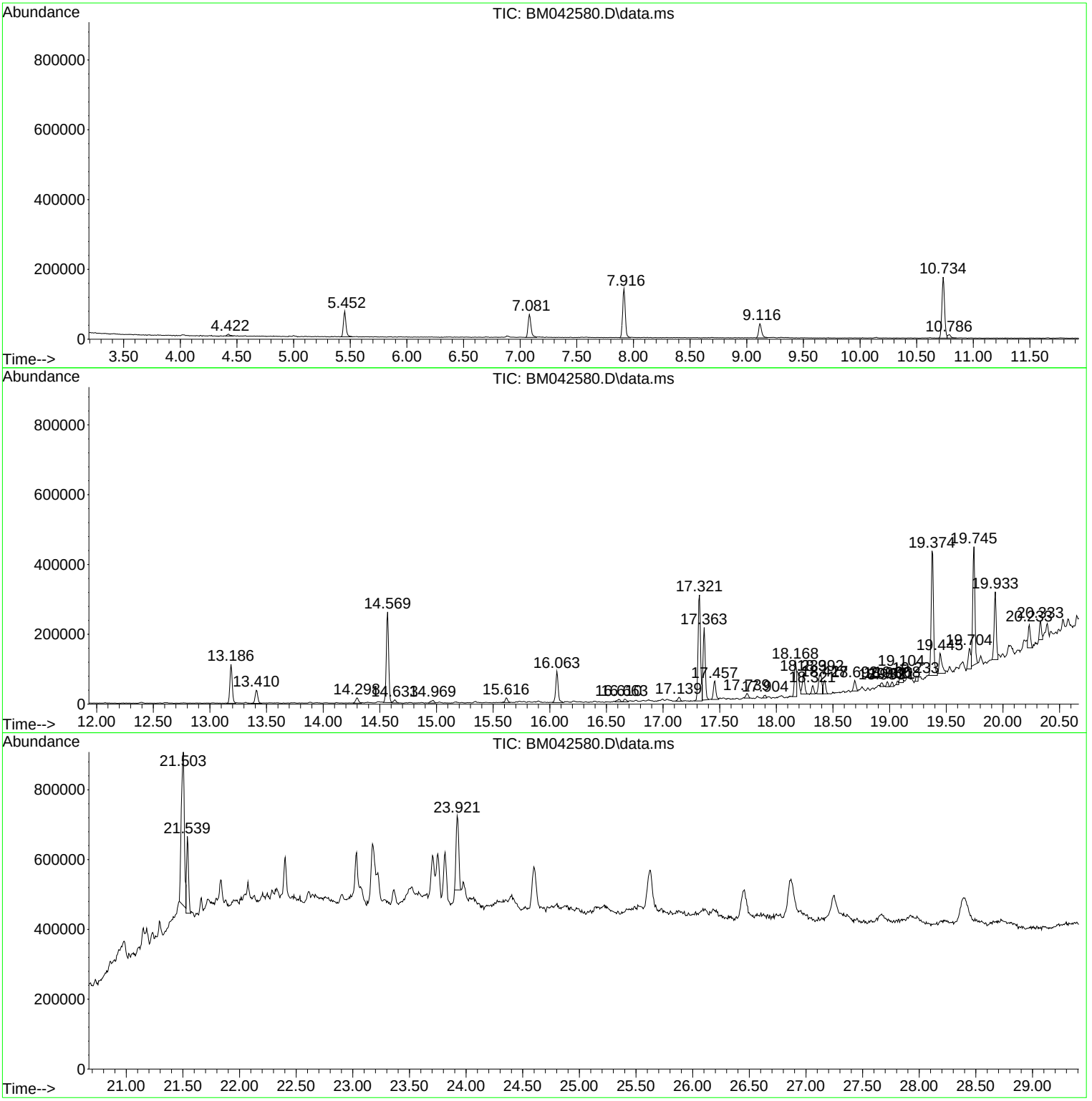
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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\BM110323\
Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

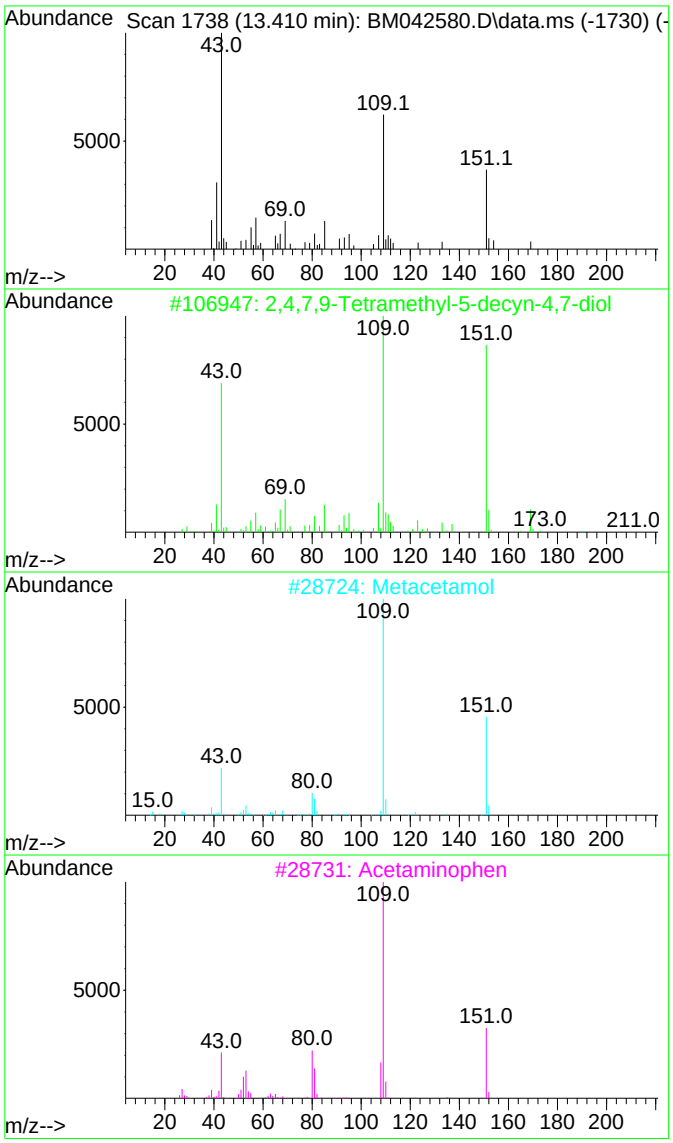
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

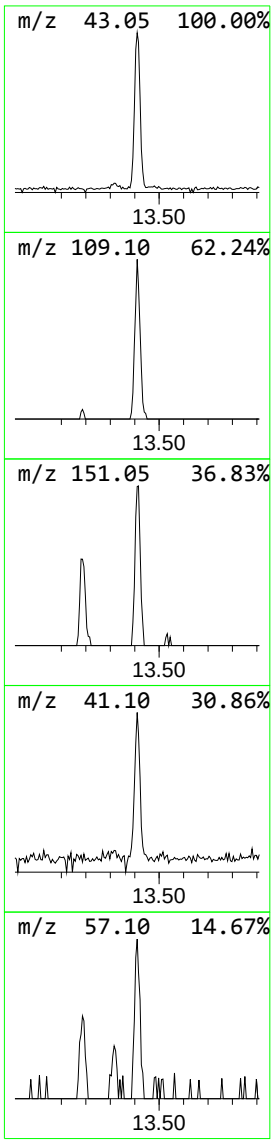
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

****
Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.410	3.37 ng	62393	Acenaphthene-d10	14.569

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	78
2	Metacetamol	151	C8H9NO2	000621-42-1	52
3	Acetaminophen	151	C8H9NO2	000103-90-2	50
4	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	33
5	benzenamine, 3-[(tetrahydro-2H-p...	193	C11H15NO2	1010400-28-1	32





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Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

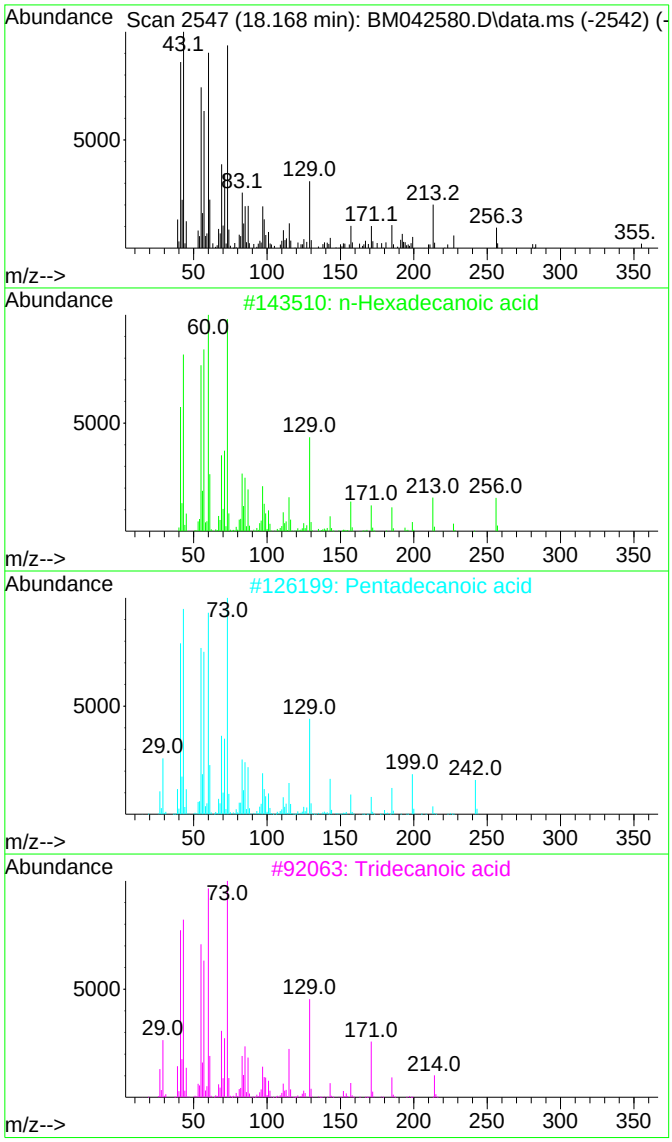
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

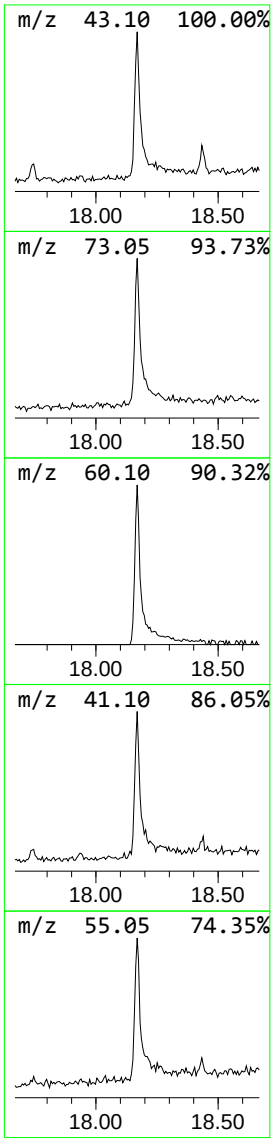
****

Peak Number 2 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.168	5.97 ng	135541	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	70
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Undecanoic acid	186	C11H22O2	000112-37-8	59





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Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

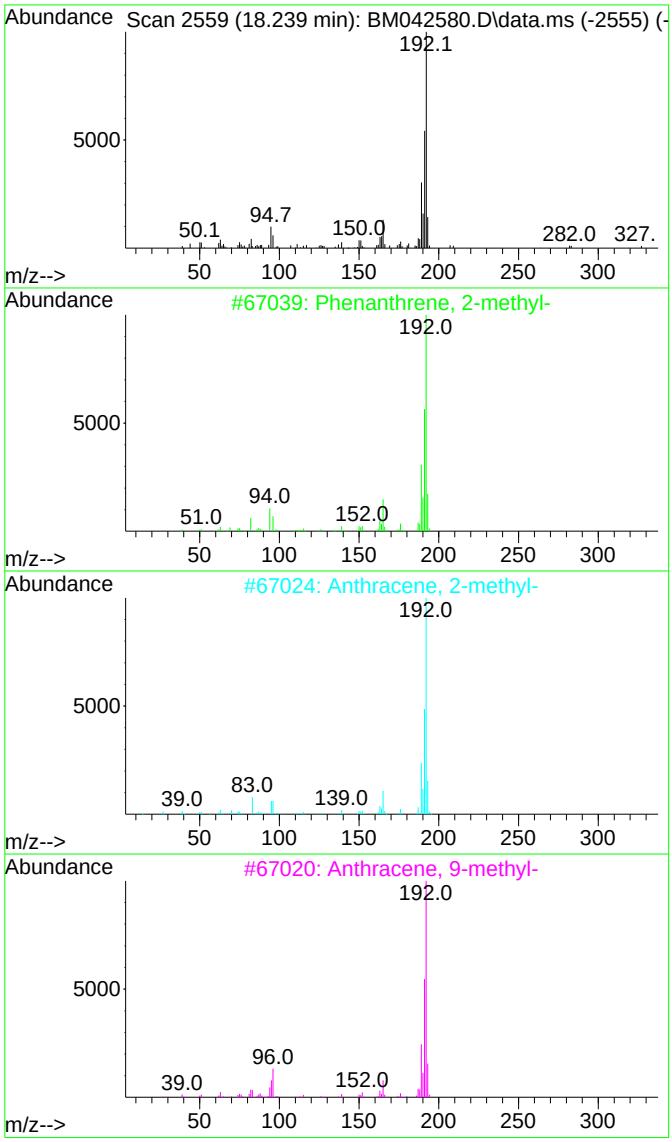
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

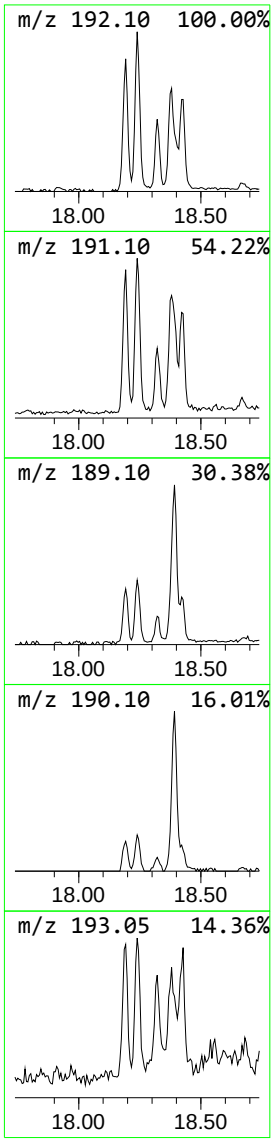
****

Peak Number 3 Phenanthrene, 2-methyl- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.239	3.66 ng	83057	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	96
2	Anthracene, 2-methyl-	192	C15H12	000613-12-7	94
3	Anthracene, 9-methyl-	192	C15H12	000779-02-2	91
4	Phenanthrene, 4-methyl-	192	C15H12	000832-64-4	91
5	Anthracene, 1-methyl-	192	C15H12	000610-48-0	91





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
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Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

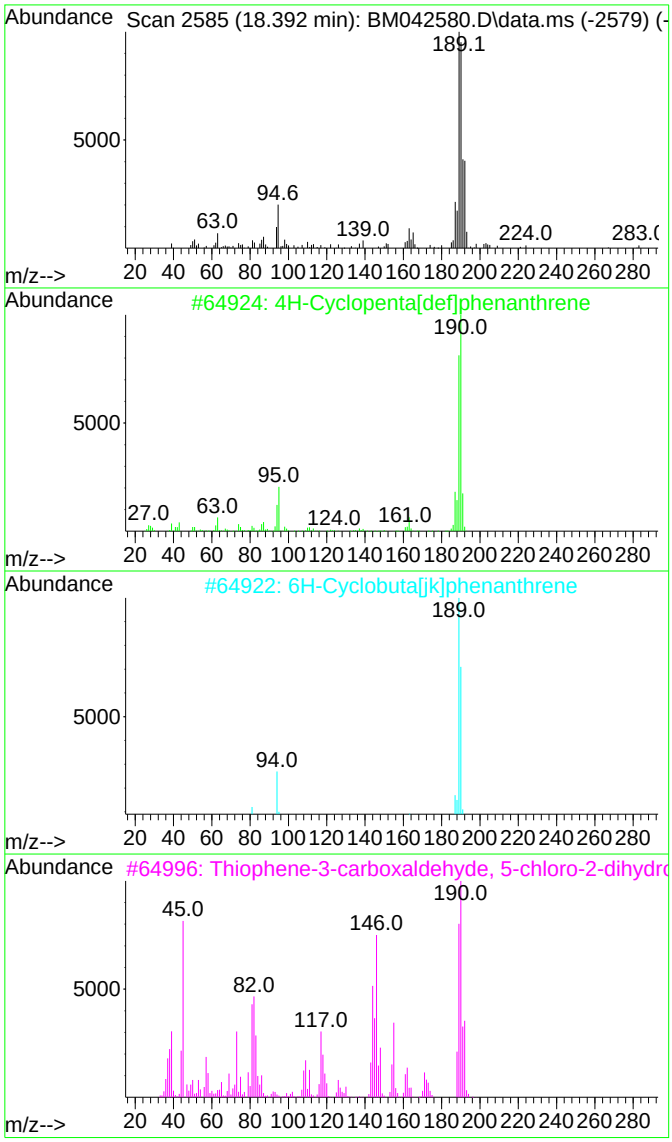
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

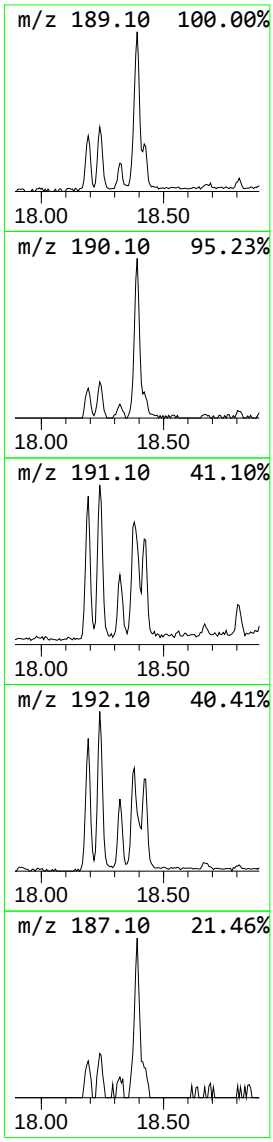
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.392	5.09 ng	115642	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	6H-Cyclobuta[jk]phenanthrene	190	C15H10	083469-43-6	64
3	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BClO3S	036155-87-0	64
4	Methyl diselenide	190	C2H6Se2	007101-31-7	49
5	Carbonic acid, ethyl 2-formyl-4,...	262	C10H8Cl2O4	1000331-34-4	33





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Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

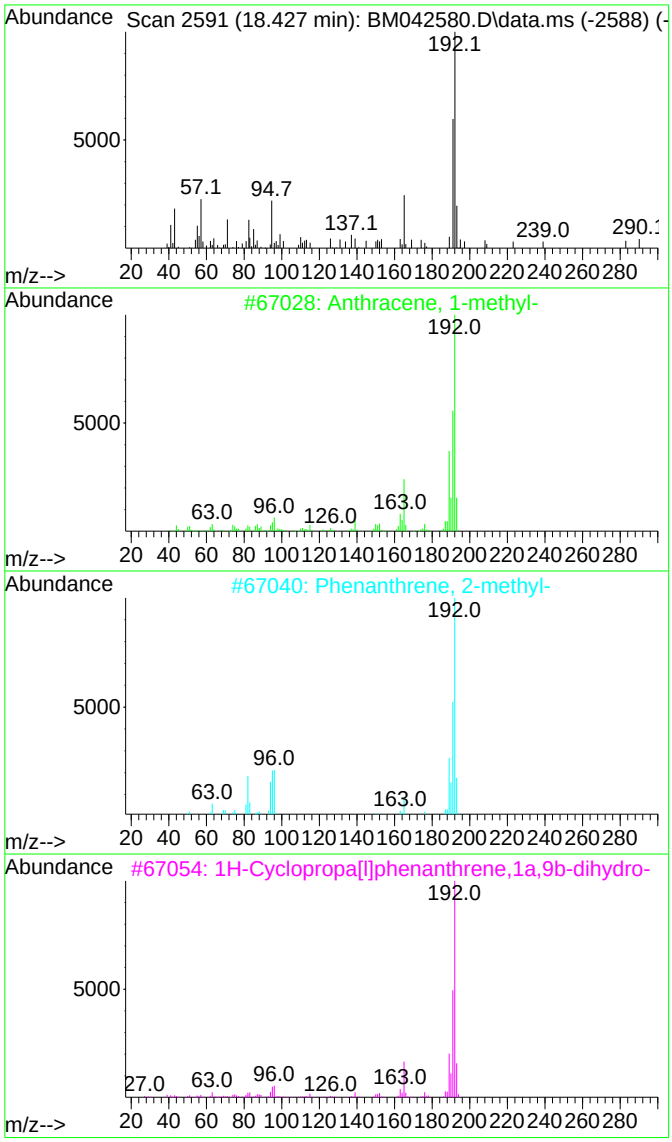
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

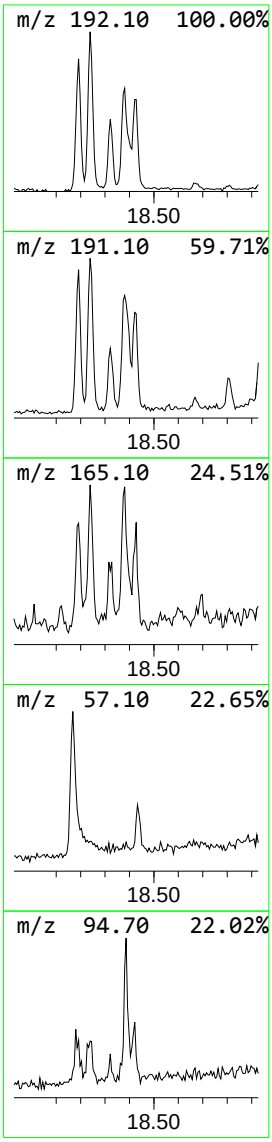
****

Peak Number 5 Anthracene, 1-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.427	2.33 ng	53025	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Anthracene, 1-methyl-	192	C15H12	000610-48-0	72
2	Phenanthrene, 2-methyl-	192	C15H12	002531-84-2	72
3	1H-Cyclopropa[l]phenanthrene,1a,...	192	C15H12	000949-41-7	64
4	1H-Indene, 2-phenyl-	192	C15H12	004505-48-0	64
5	Anthracene, 9-methyl-	192	C15H12	000779-02-2	64





Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042580.D
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Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

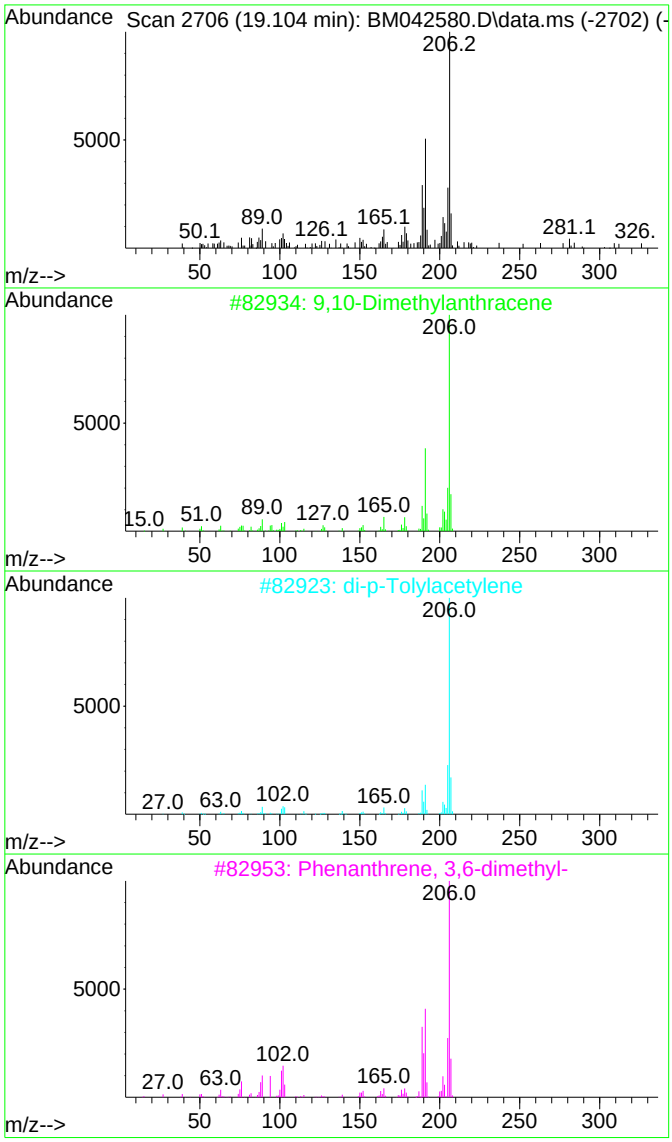
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

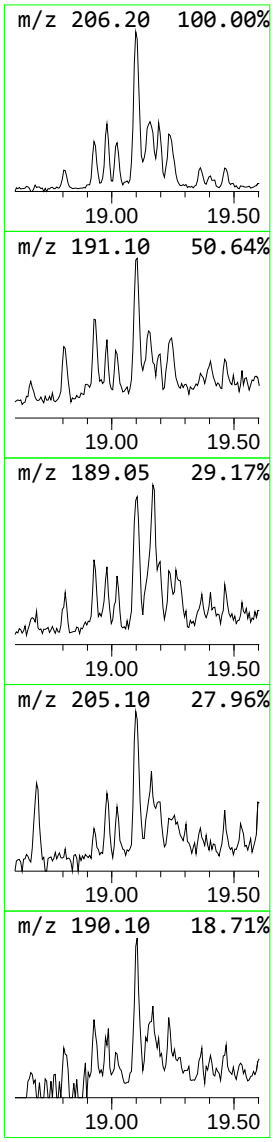
****

Peak Number 6 9,10-Dimethylanthracene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.104	2.46 ng	55797	Phenanthrene-d10	17.321

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	9,10-Dimethylanthracene	206	C16H14	000781-43-1	96
2	di-p-Tolylacetylene	206	C16H14	002789-88-0	95
3	Phenanthrene, 3,6-dimethyl-	206	C16H14	001576-67-6	93
4	Phenanthrene, 2,5-dimethyl-	206	C16H14	003674-66-6	90
5	1-Methyl-3-phenyl-1H-indene	206	C16H14	022360-62-9	81





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Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

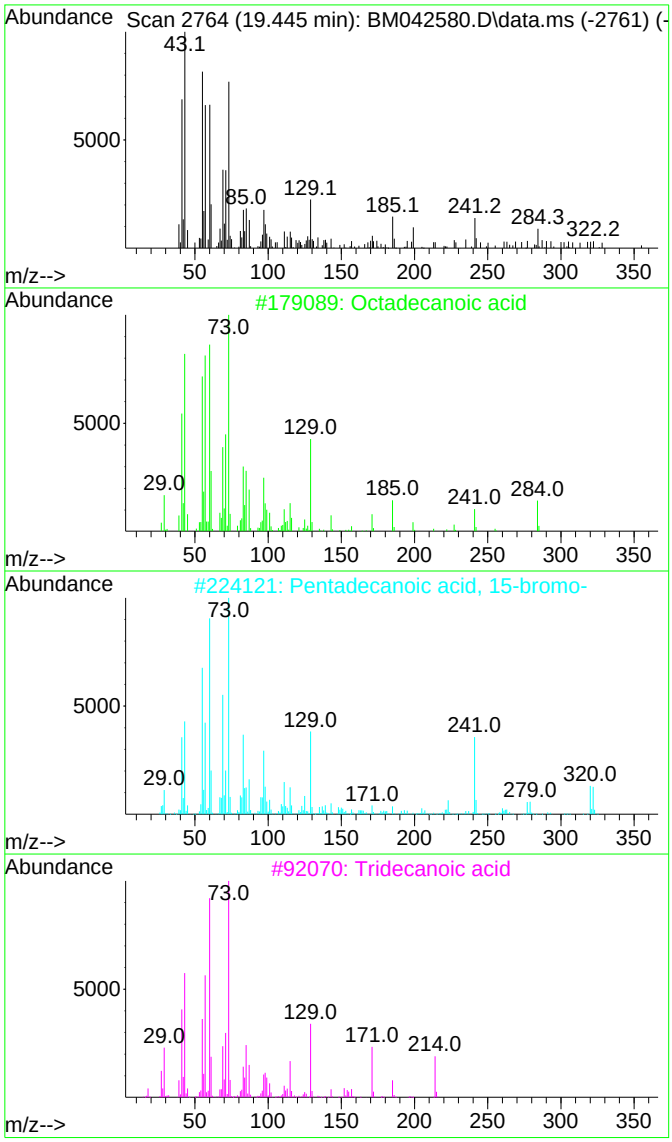
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

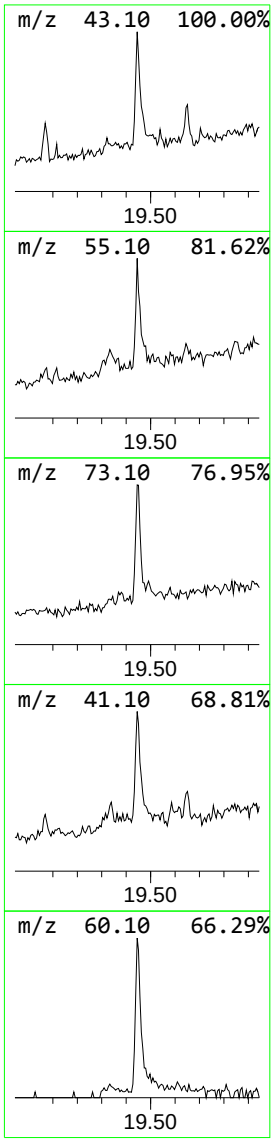
****

Peak Number 7 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.445	2.42 ng	99113	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	98
2	Pentadecanoic acid, 15-bromo-	320	C15H29BrO2	056523-59-2	64
3	Tridecanoic acid	214	C13H26O2	000638-53-9	58
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	52





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Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

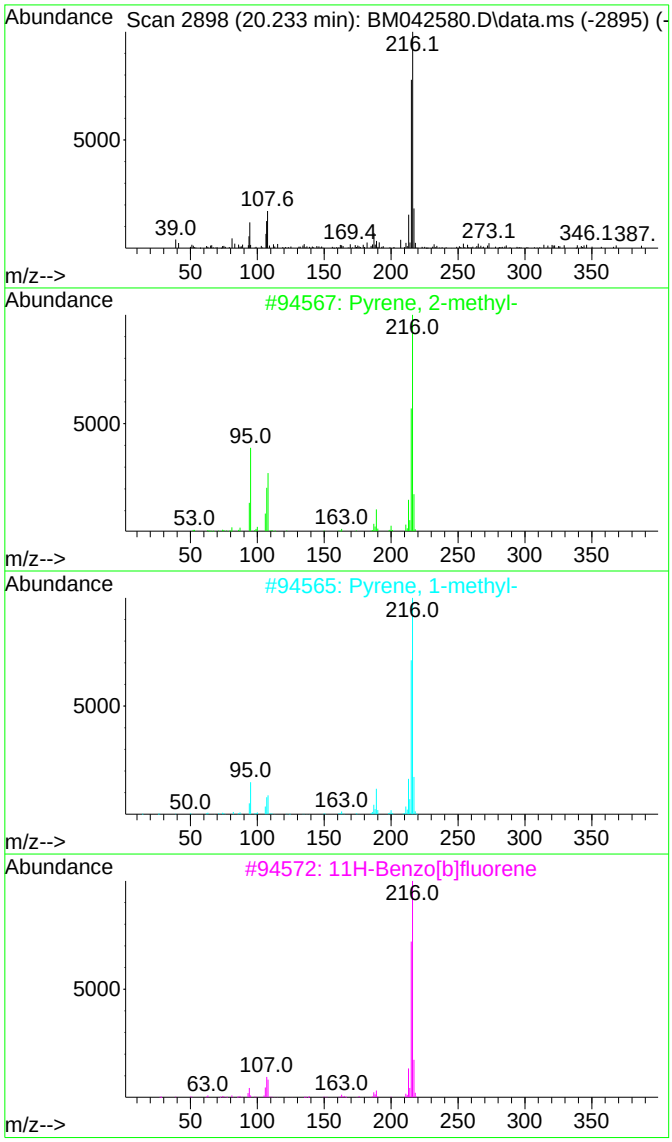
TIC Library : C:\Database\NIST20.L
TIC Integration Parameters: LSCINT.P

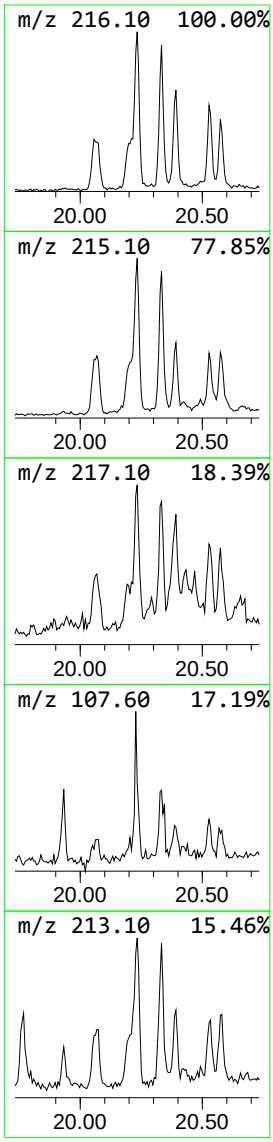
****

Peak Number 8 Pyrene, 2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.233	2.12 ng	86556	Chrysene-d12	21.503

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pyrene, 2-methyl-	216	C17H12	003442-78-2	90
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	83
3	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	83
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	70
5	Benzoic acid, 3-(3,5-dimethyl-1-...	216	C12H12N2O2	312531-88-7	64





Tentatively Identified Compound (LSC) summary

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110323\
Data File : BM042580.D
Acq On : 03 Nov 2023 20:59
Operator : MA/JU
Sample : 05220-03 10X
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
Z-6(5-10)

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM103023.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
2,4,7,9-Tetrame...	13.410	3.4	ng	62393	3	14.569	370777	20.0
n-Hexadecanoic ...	18.168	6.0	ng	135541	4	17.321	454297	20.0
Phenanthrene, 2...	18.239	3.7	ng	83057	4	17.321	454297	20.0
4H-Cyclopenta[d...	18.392	5.1	ng	115642	4	17.321	454297	20.0
Anthracene, 1-m...	18.427	2.3	ng	53025	4	17.321	454297	20.0
9,10-Dimethylan...	19.104	2.5	ng	55797	4	17.321	454297	20.0
Octadecanoic acid	19.445	2.4	ng	99113	5	21.503	818270	20.0
Pyrene, 2-methyl-	20.233	2.1	ng	86556	5	21.503	818270	20.0