LSC Area Percent Report

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031021\
Data File : BM029070.D
Acq On : 10 Mar 2021 15:18
Operator : CG/JU
Sample : M1615-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-015-ABCD

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-BM022321.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC: BM029070.D\data.ms

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.234	377	382	396	rBB	142132	209002	43.41%	8.326%
2	6.863	653	659	674	rBB	137984	216048	44.87%	8.607%
3	7.663	790	795	802	rBB	30208	44128	9.16%	1.758%
4	8.839	989	995	1005	rBV	86025	135682	28.18%	5.405%
5	10.457	1264	1270	1278	rBB	38165	60153	12.49%	2.396%
6	12.945	1687	1693	1705	rBV	198899	280278	58.21%	11.166%
7	13.222	1735	1740	1745	rBB	6374	9066	1.88%	0.361%
8	13.804	1835	1839	1844	rBB	5718	7095	1.47%	0.283%
9	14.333	1924	1929	1935	rBB	56746	78763	16.36%	3.138%
10	15.833	2179	2184	2194	rBV	154197	215526	44.76%	8.586%
11	17.086	2391	2397	2402	rBV	68063	94148	19.55%	3.751%
12	17.980	2543	2549	2565	rBV	72239	113149	23.50%	4.508%
13	18.715	2669	2674	2680	rBV	14041	16361	3.40%	0.652%
14	19.139	2739	2746	2752	rBV4	5777	14587	3.03%	0.581%
15	19.262	2760	2767	2780	rBV	146199	231488	48.08%	9.222%
16	19.709	2838	2843	2848	rVB	425376	481485	100.00%	19.182%
17	20.986	3055	3060	3065	rBV	35588	54083	11.23%	2.155%
18	21.256	3102	3106	3111	rBV	105684	124905	25.94%	4.976%
19	23.415	3468	3473	3481	rVB2	68546	124157	25.79%	4.946%

Sum of corrected areas: 2510104

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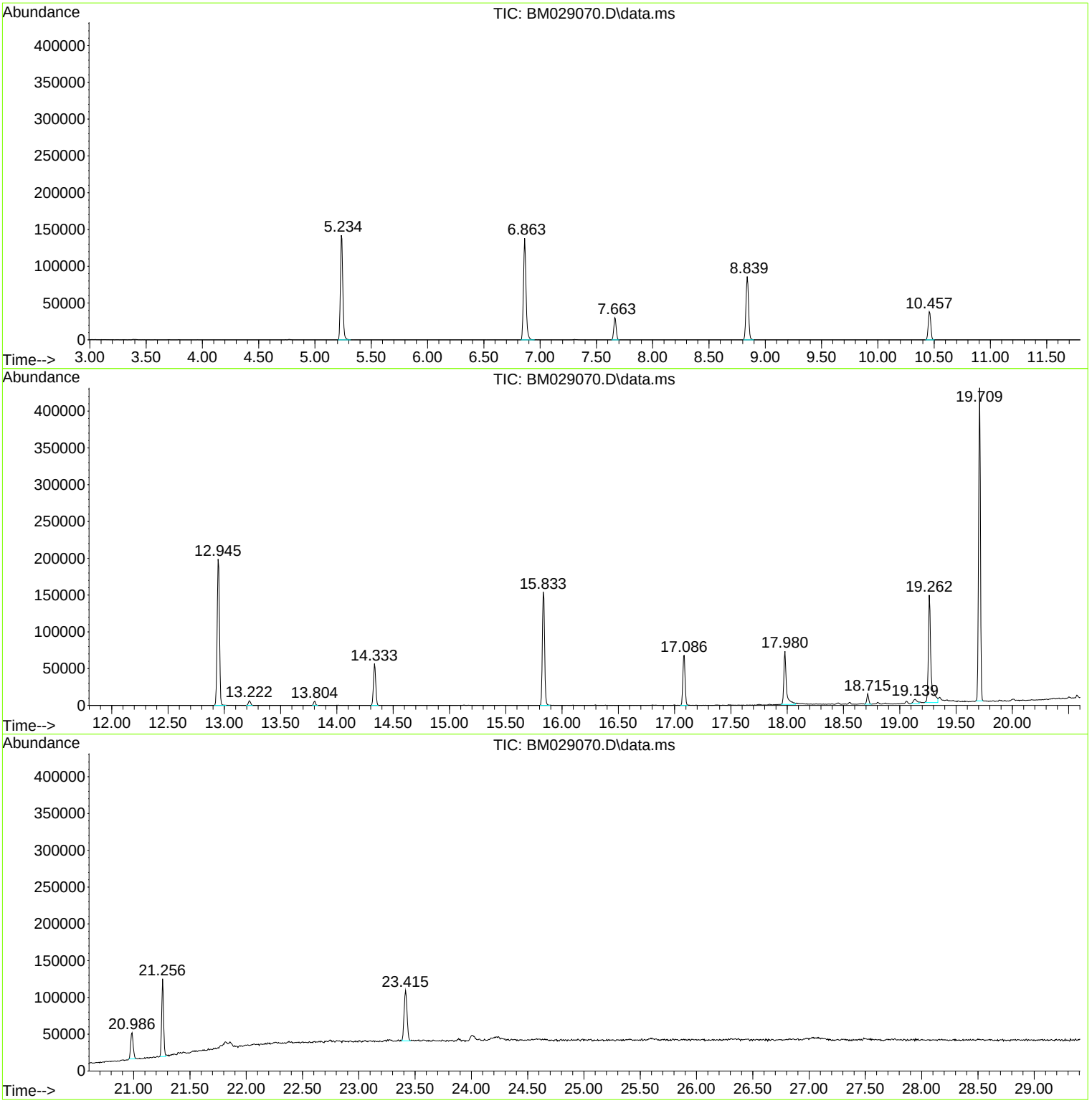
Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-015-ABCD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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Data File : BM029070.D
Acq On : 10 Mar 2021 15:18
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TIC Library : C:\DATABASE\NIST11.L
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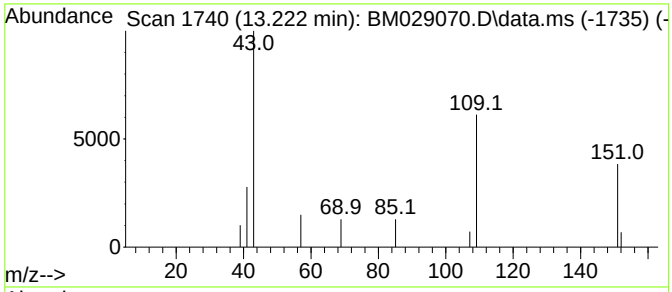
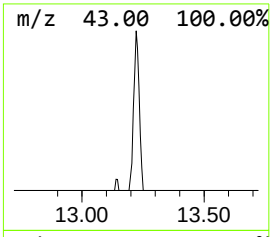
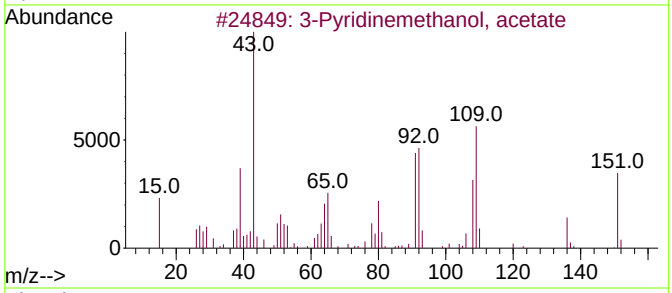
Peak Number 1 unknown13.22 Concentration Rank 6

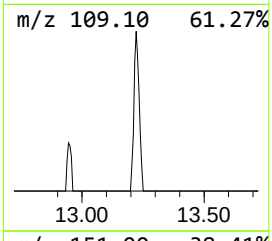
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.222	2.30 ng	9066	Acenaphthene-d10	14.333

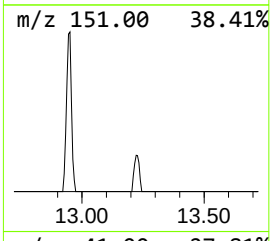
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Pyridinemethanol, acetate	151	C8H9NO2	010072-09-0	45
2	Pyridine, 2-butyl-, 1-oxide	151	C9H13NO	031396-32-4	9
3	Pyridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	9
4	(-)-10-Camphorsulfonyl chloride	250	C10H15ClO3S	039262-22-1	9
5	trans-2-Caren-4-ol	152	C10H16O	004017-82-7	7

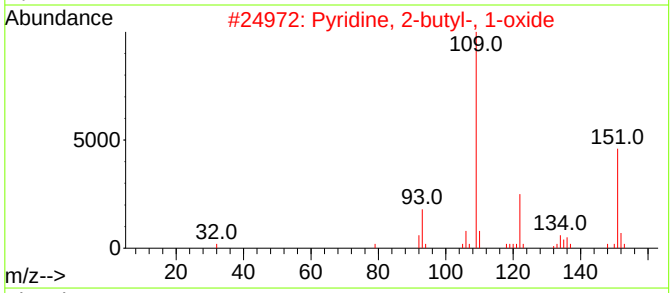


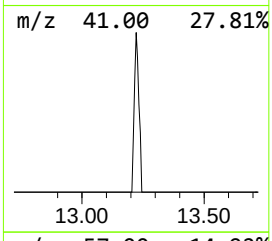


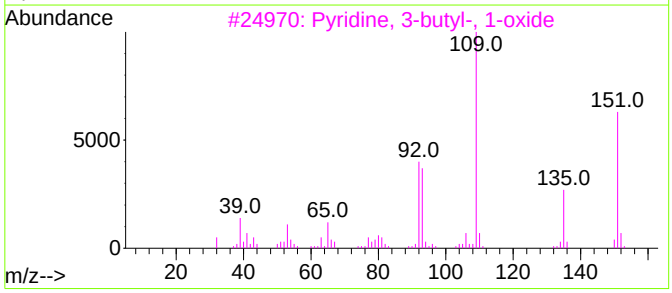


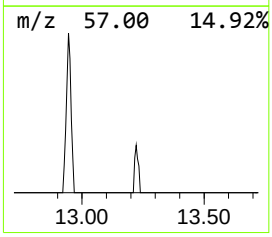












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Sample : M1615-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-015-ABCD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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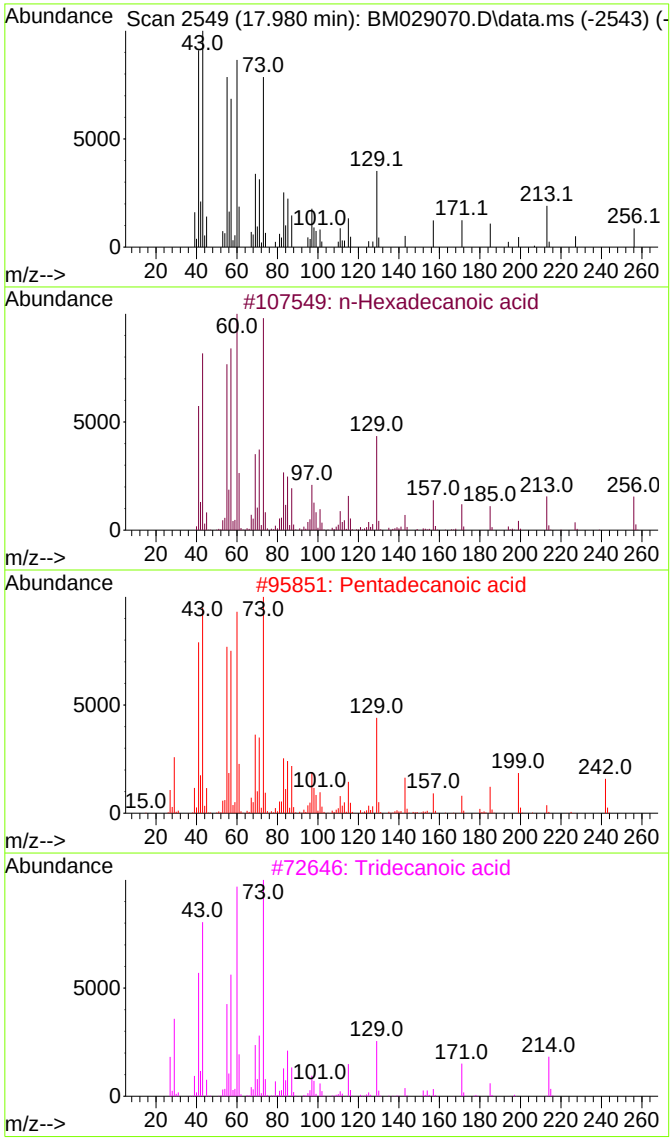
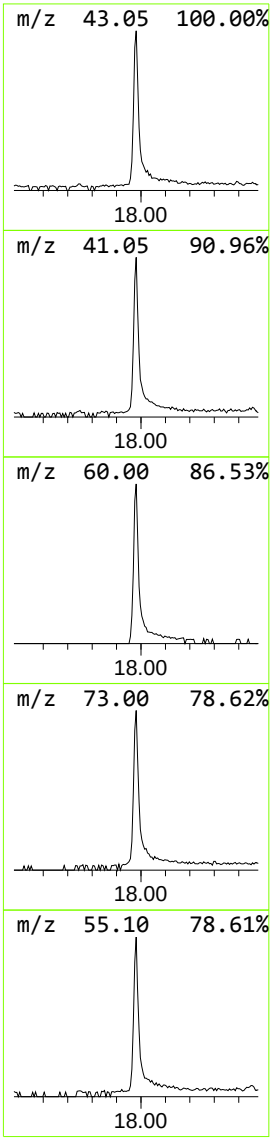
Peak Number 2 n-Hexadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.980	24.04 ng	113149	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tridecanoic acid	214	C13H26O2	000638-53-9	72
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Instrument : BNA_M
ClientSampleId : FK-BPM-04-015-ABCD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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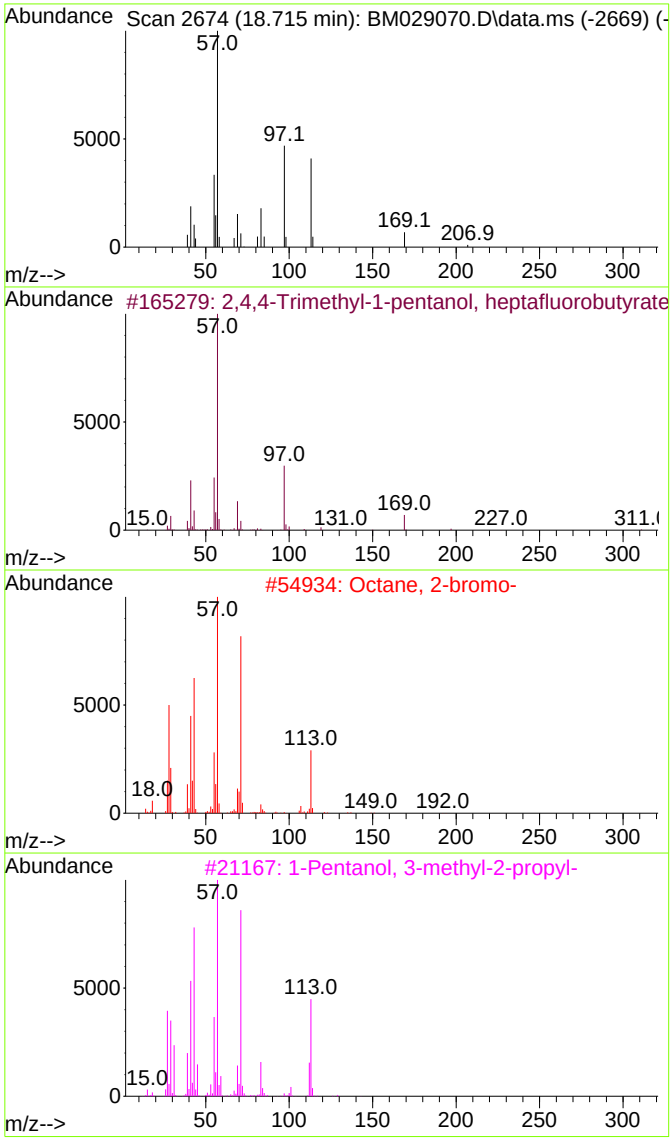
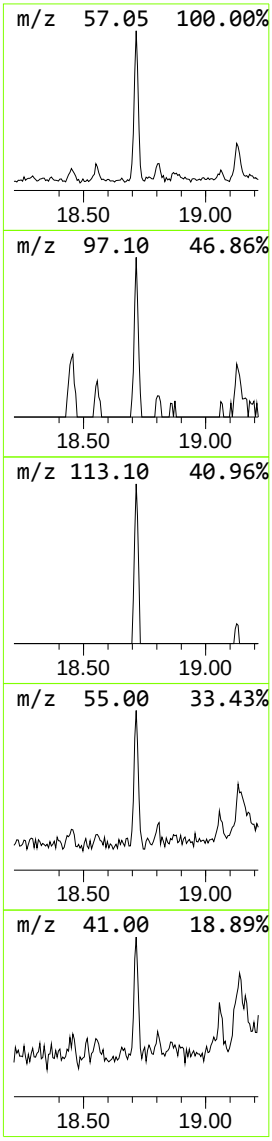
Peak Number 3 unknown18.71 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.715	3.48 ng	16361	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,4-Trimethyl-1-pentanol, hept...	326	C12H17F7O2	1000365-01-4	47
2	Octane, 2-bromo-	192	C8H17Br	000557-35-7	47
3	1-Pentanol, 3-methyl-2-propyl-	144	C9H20O	054004-40-9	47
4	2,4,4,4,6,6,8,8-Heptamethyl-1-nonene	224	C16H32	015796-04-0	45
5	2,4,4-Trimethyl-1-pentanol, trif...	226	C10H17F3O2	1000365-19-5	38





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Data File : BM029070.D
Acq On : 10 Mar 2021 15:18
Operator : CG/JU
Sample : M1615-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
FK-BPM-04-015-ABCD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
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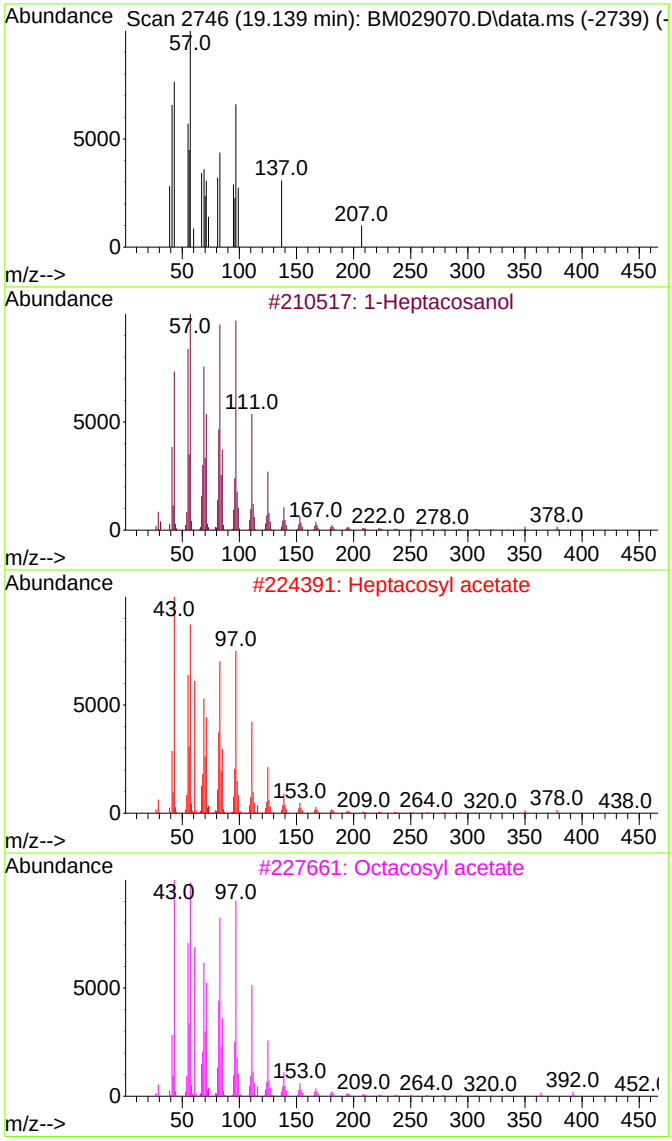
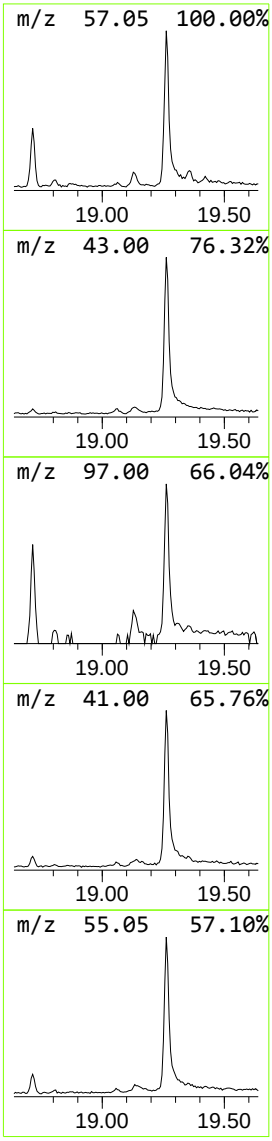
Peak Number 4 unknown19.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.139	3.10 ng	14587	Phenanthrene-d10	17.080

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heptacosanol	396	C27H56O	002004-39-9	37
2	Heptacosyl acetate	438	C29H58O2	1000351-78-2	37
3	Octacosyl acetate	452	C30H60O2	018206-97-8	37
4	1-Hexacosanol	382	C26H54O	000506-52-5	35
5	n-Tetracosanol-1	354	C24H50O	000506-51-4	35





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Sample : M1615-01
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : FK-BPM-04-015-ABCD

Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM022321.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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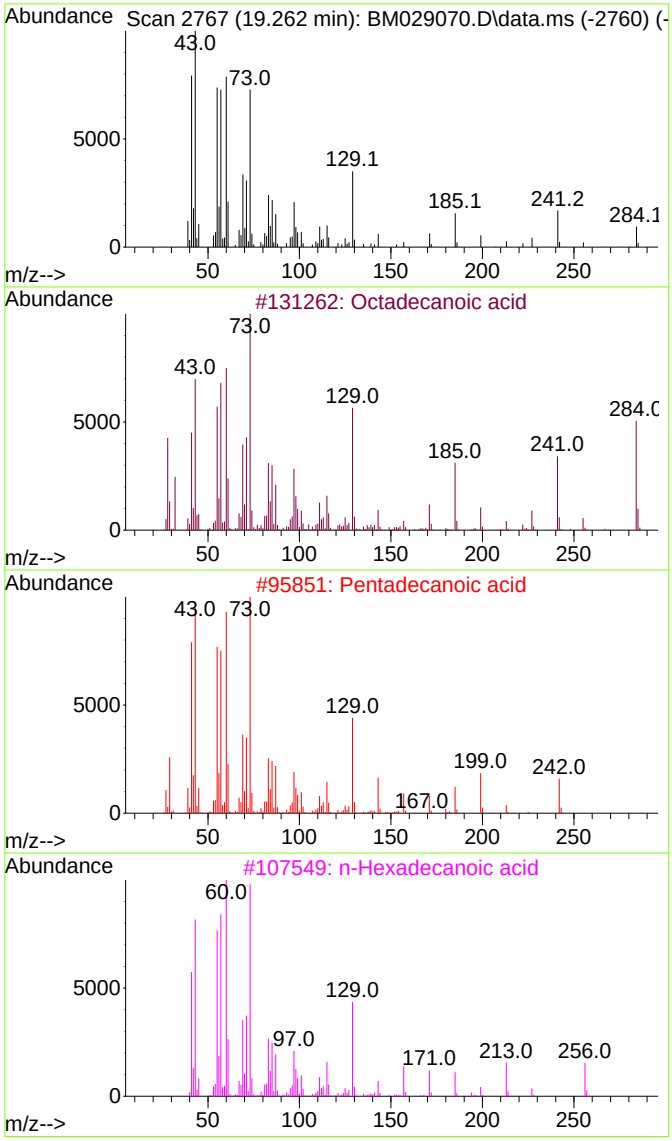
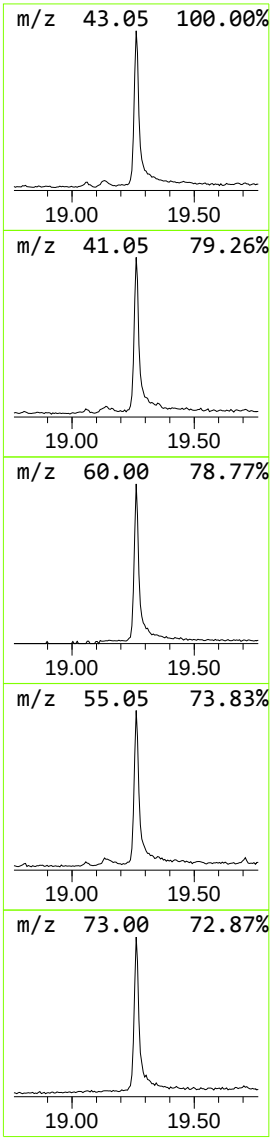
Peak Number 5 Octadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.262	37.07 ng	231488	Chrysene-d12	21.256

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	81
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	81
4	Octadecanoic acid, 2-(2-hydroxye...	372	C22H44O4	000106-11-6	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	62





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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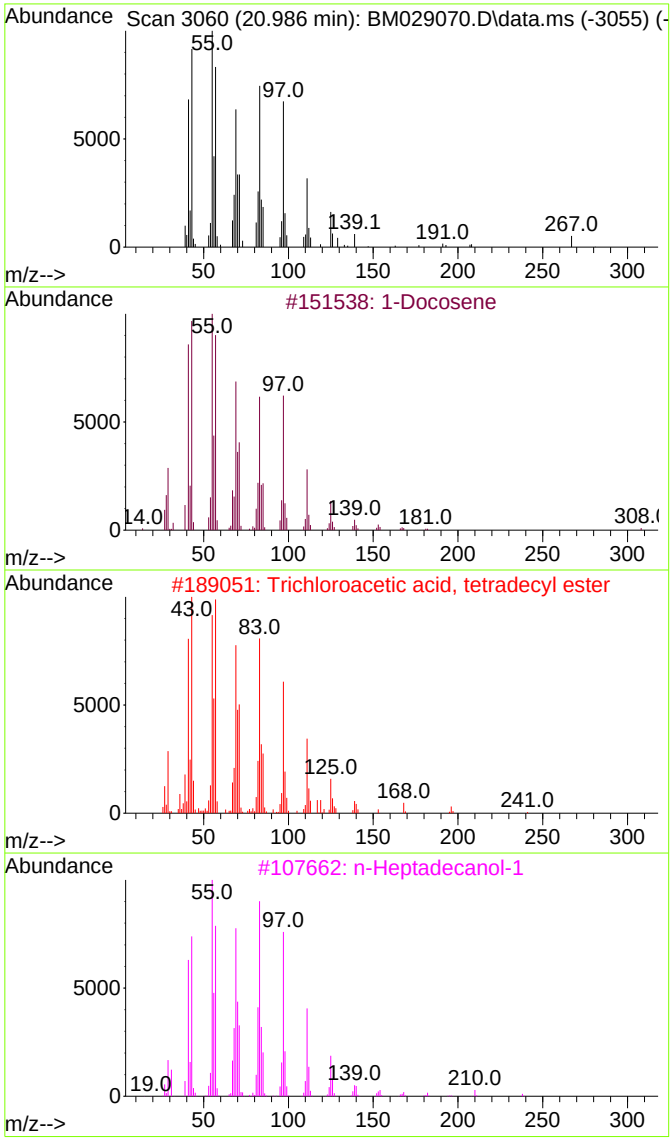
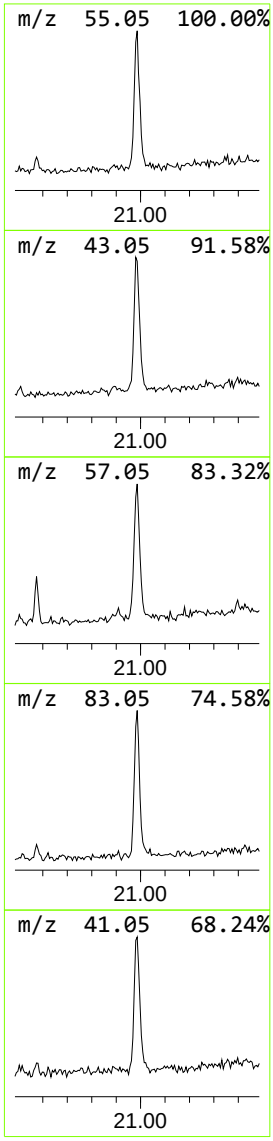
Peak Number 6 1-Docosene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.986	8.66 ng	54083	Chrysene-d12	21.256

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	95
2	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
3	n-Heptadecanol-1	256	C17H36O	001454-85-9	91
4	Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	91
5	1-Octadecanol	270	C18H38O	000112-92-5	91





Tentatively Identified Compound (LSC) summary

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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown13.22	13.222	2.3	ng	9066	3	14.333	78763	20.0
n-Hexadecanoic ...	17.980	24.0	ng	113149	4	17.080	94148	20.0
unknown18.71	18.715	3.5	ng	16361	4	17.080	94148	20.0
unknown19.13	19.139	3.1	ng	14587	4	17.080	94148	20.0
Octadecanoic acid	19.262	37.1	ng	231488	5	21.256	124905	20.0
1-Docosene	20.986	8.7	ng	54083	5	21.256	124905	20.0