LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081518\
Data File : BM016384.D
Acq On : 15 Aug 2018 17:23
Operator : SJ/JU
Sample : J4471-17
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-5

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-BM072318.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	5.169	314	320	331	rBV	102414	156617	6.59%	1.335%
2	5.646	395	401	417	rBV	685621	1044781	43.95%	8.904%
3	7.287	673	680	693	rBV	655259	1082698	45.54%	9.227%
4	7.640	734	740	754	rBV	786482	1224222	51.49%	10.433%
5	8.110	815	820	830	rBB	102802	165072	6.94%	1.407%
6	8.434	868	875	884	rBB	577035	939114	39.50%	8.004%
7	9.298	1016	1022	1041	rBV	397974	665552	28.00%	5.672%
8	10.928	1293	1299	1306	rBV	104996	177435	7.46%	1.512%
9	13.369	1707	1714	1724	rBV	990306	1381024	58.09%	11.770%
10	14.204	1852	1856	1864	rBB	35959	46871	1.97%	0.399%
11	14.751	1943	1949	1955	rBB2	134909	205058	8.63%	1.748%
12	16.239	2196	2202	2216	rBB	934149	1246122	52.42%	10.620%
13	17.486	2408	2414	2423	rBV	167454	235975	9.93%	2.011%
14	18.333	2553	2558	2571	rBV2	60245	82574	3.47%	0.704%
15	19.592	2769	2772	2778	rBV2	28161	33709	1.42%	0.287%
16	20.068	2847	2853	2858	rBV	2043223	2377368	100.00%	20.261%
17	21.292	3056	3061	3066	rBV5	32695	57799	2.43%	0.493%
18	21.615	3112	3116	3122	rBV2	249912	311626	13.11%	2.656%
19	23.944	3507	3512	3520	rVB2	163149	300098	12.62%	2.558%

Sum of corrected areas: 11733715

LSC Report - Integrated Chromatogram

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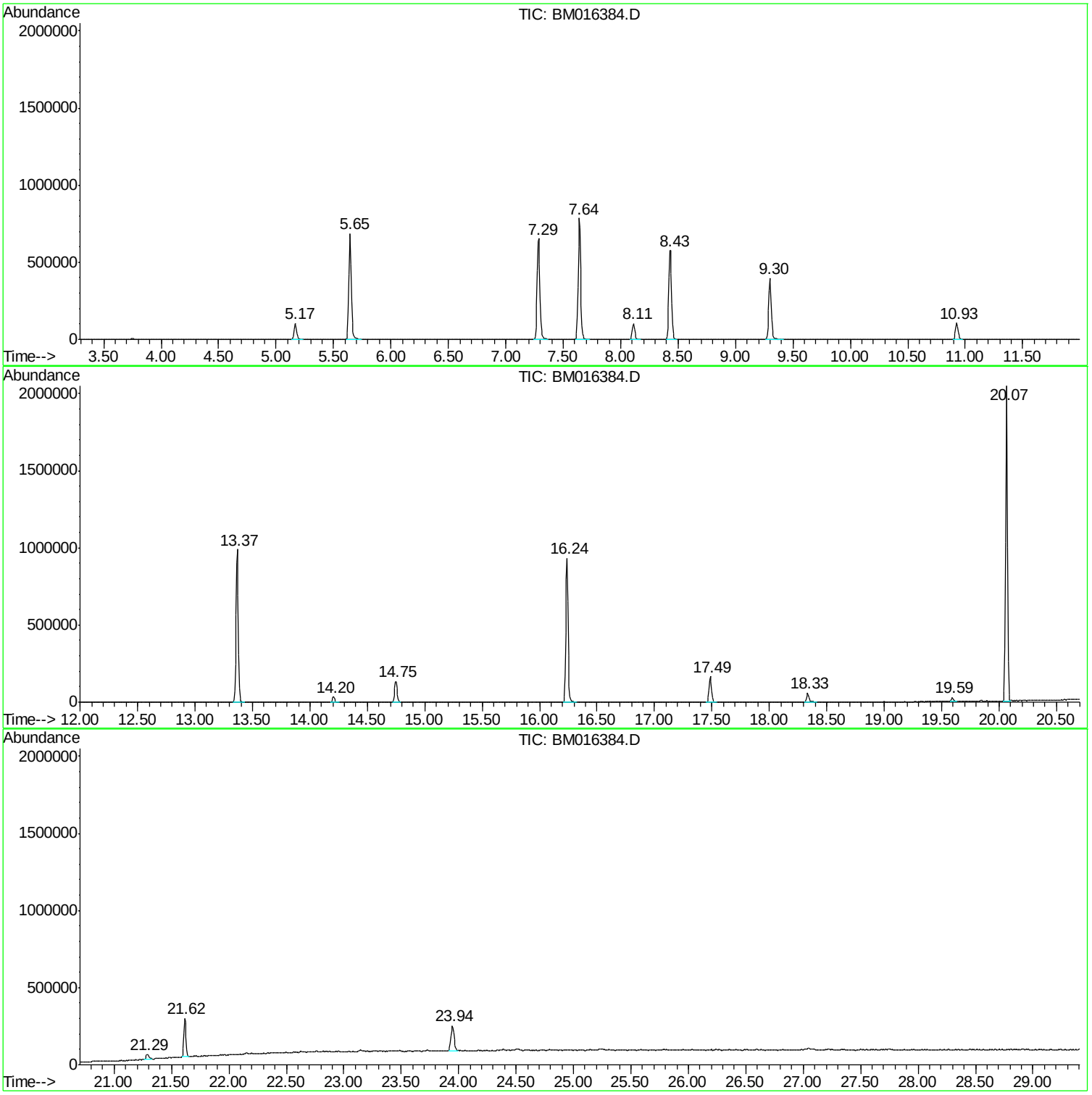
Instrument :
BNA_M
ClientSampleId :
TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



Library Search Compound Report

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Instrument : BNA_M
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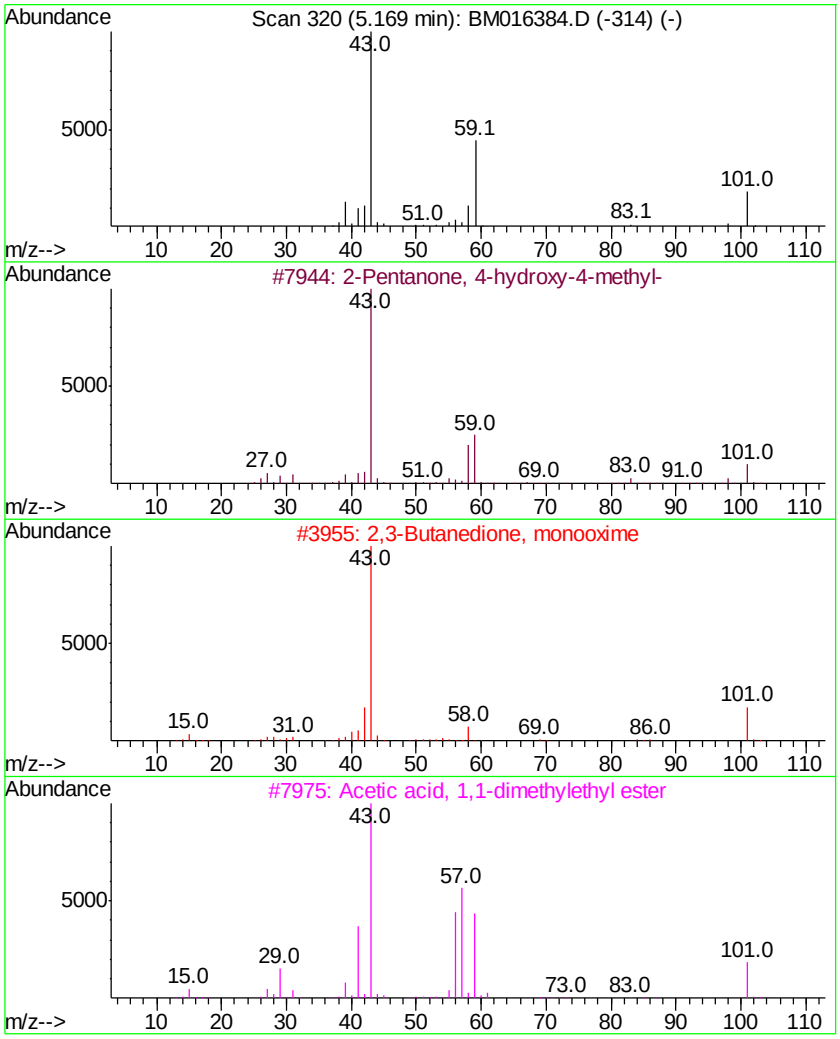
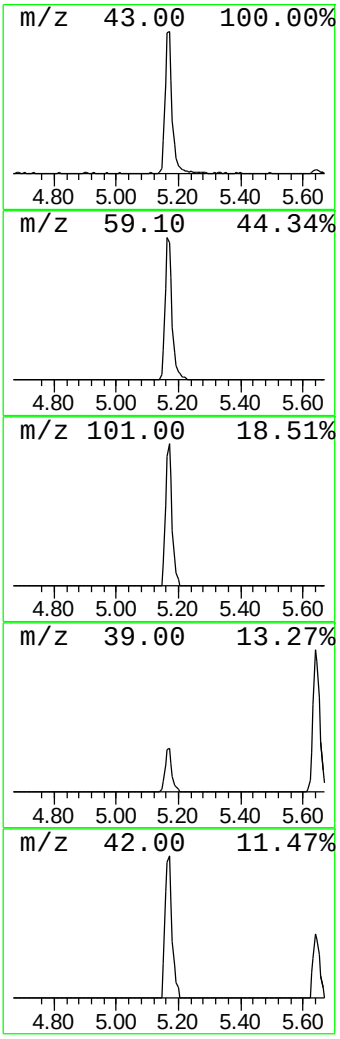
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	18.98 ng	156617	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	43
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	42
4	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	36
5	Butane, 1-(1-methylethoxy)-	116	C7H16O	001860-27-1	25





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Instrument : BNA_M
ClientSampleId : TP-5

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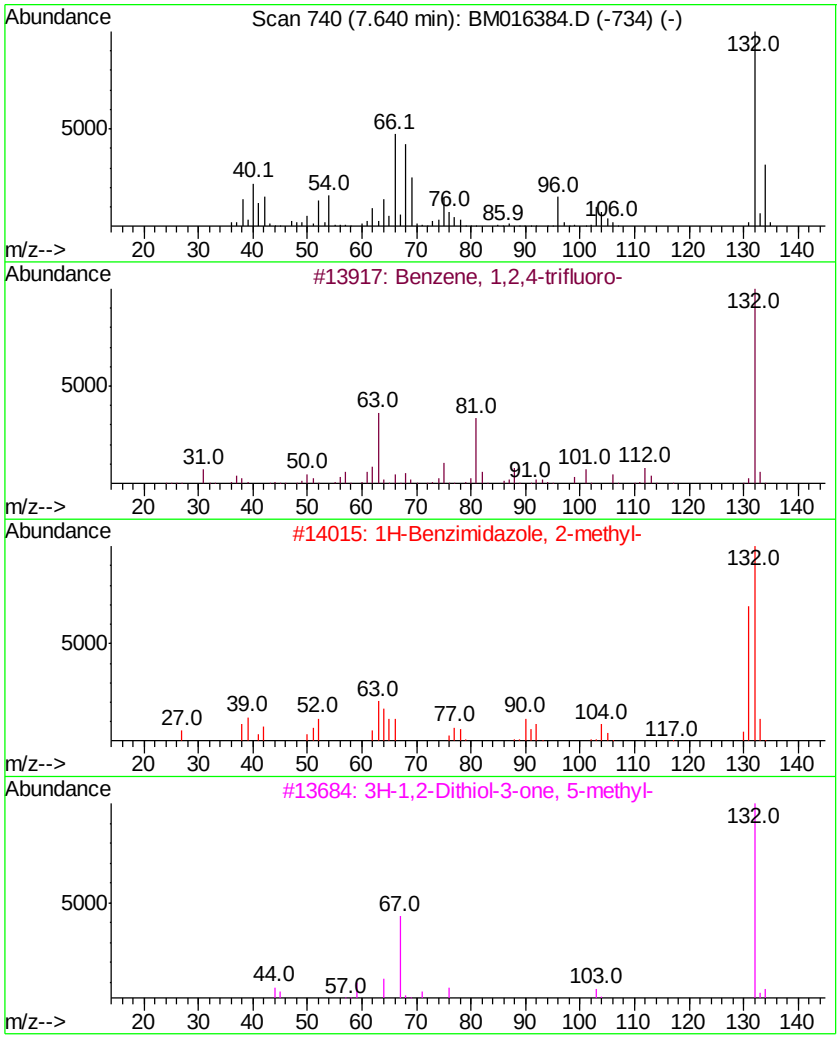
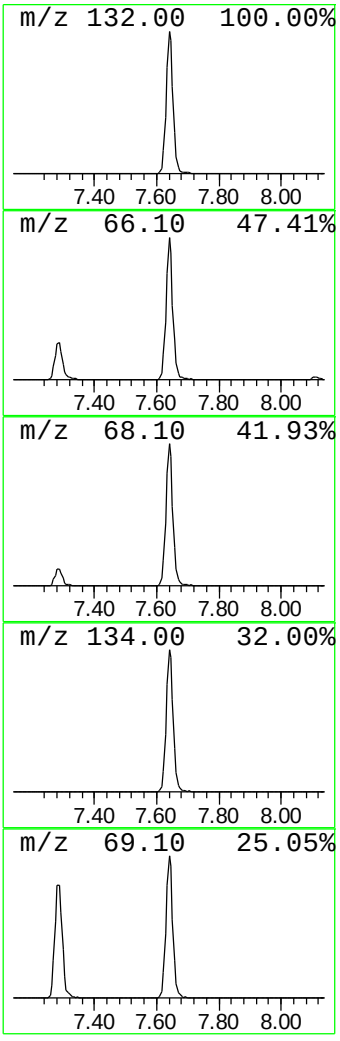
Peak Number 2 unknown7.64 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.64	148.33 ng	1224220	1,4-Dichlorobenzene-d4	8.11

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	22
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	10
5	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	10





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Instrument : BNA_M
ClientSampleId : TP-5

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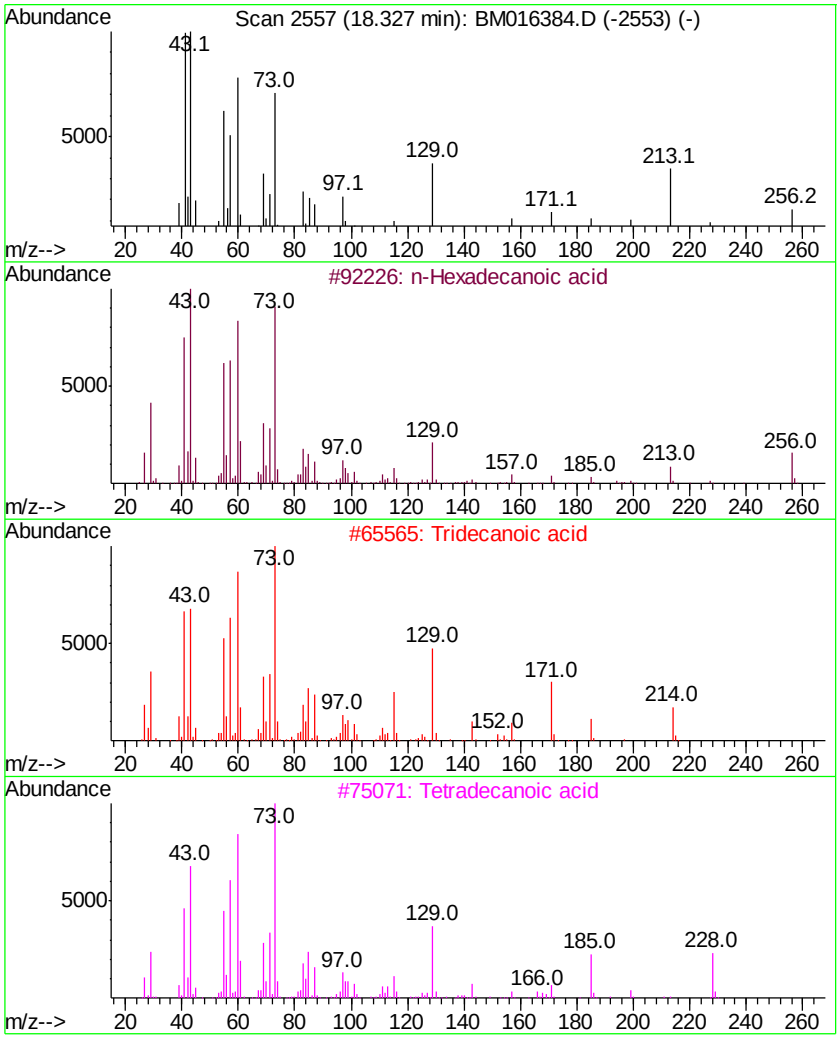
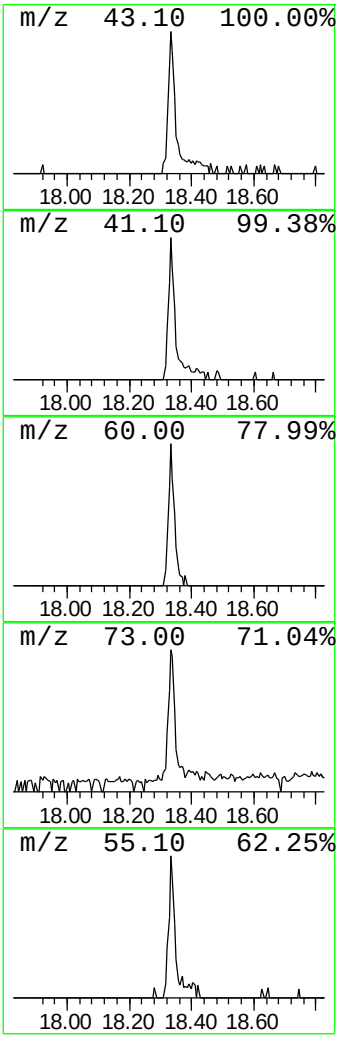
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.33	7.00 ng	82574	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	58
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
5	Dodecanoic acid, 1-methylethyl e...	242	C15H30O2	010233-13-3	40





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Instrument : BNA_M
ClientSampleId : TP-5

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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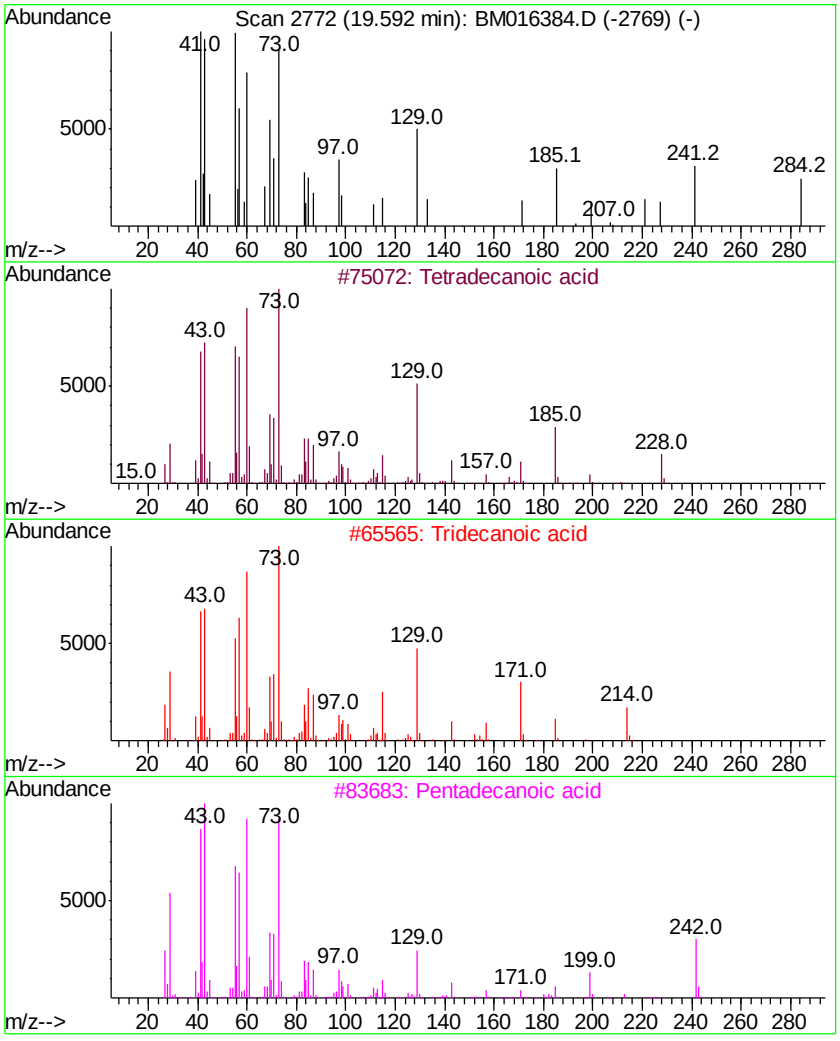
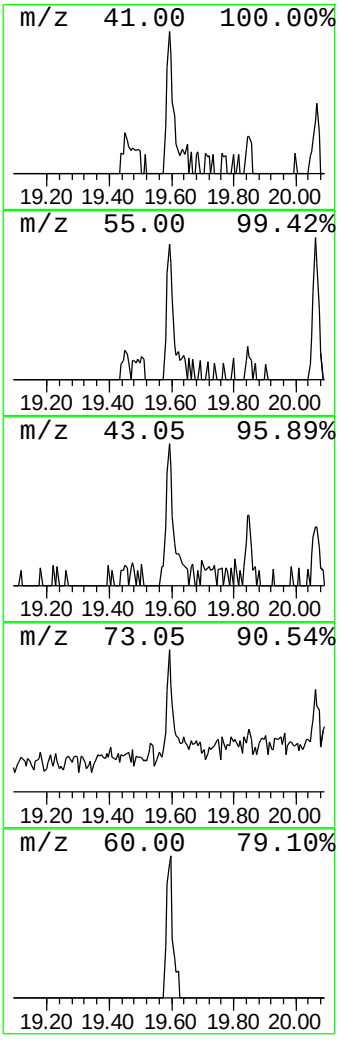
Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.16 ng	33709	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	62
2	Tridecanoic acid	214	C13H26O2	000638-53-9	53
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	47
4	n-Decanoic acid	172	C10H20O2	000334-48-5	43
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	43





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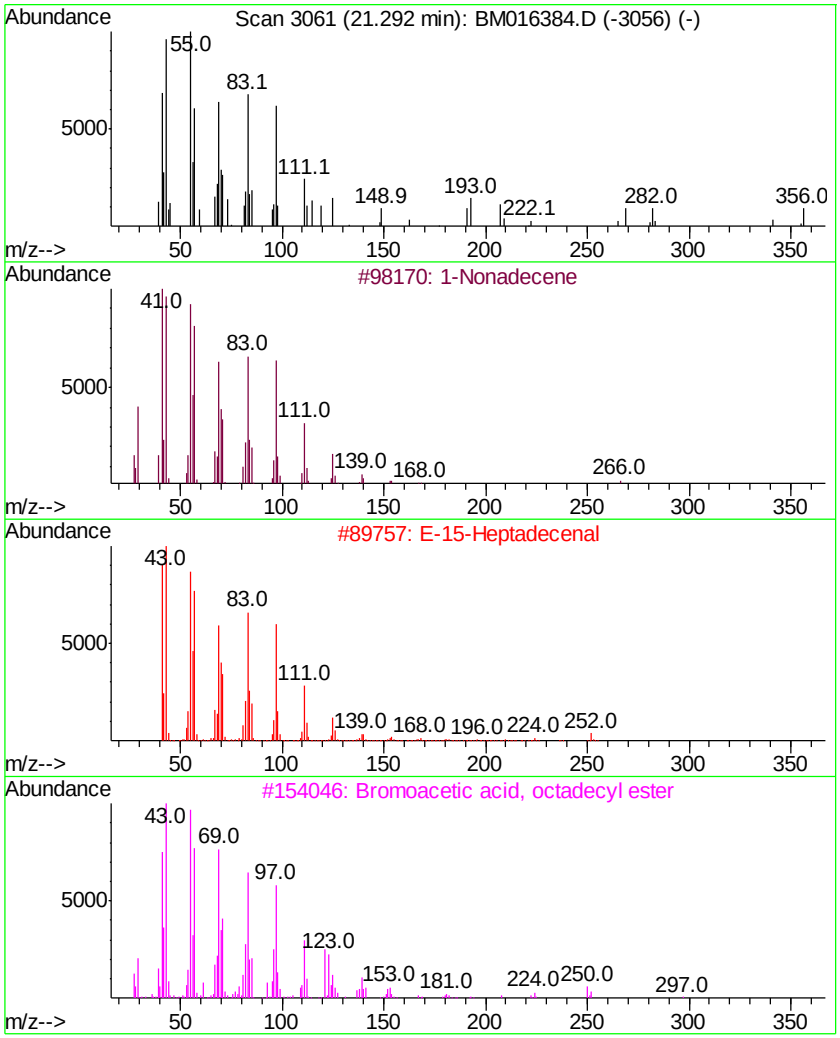
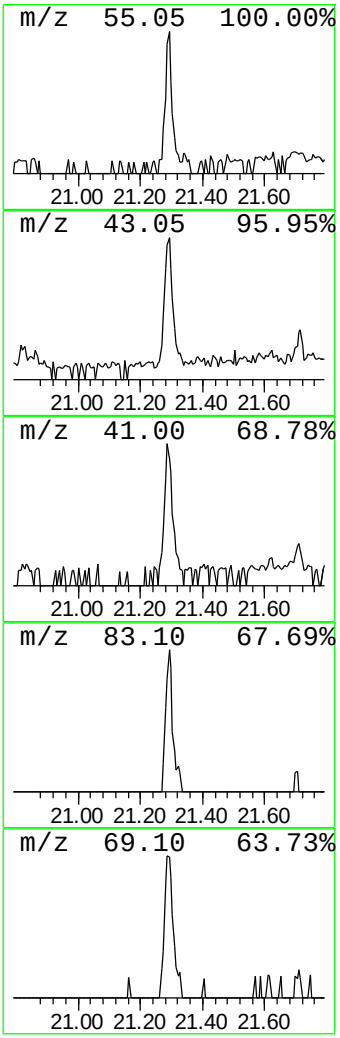
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	3.71 ng	57799	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	60
2	E-15-Heptadecenal	252	C17H32O	1000130-97-9	53
3	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	49
4	1-Tricosene	322	C23H46	018835-32-0	49
5	1-Eicosene	280	C20H40	003452-07-1	49





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	19.0	ng	156617	1	8.11	165072	20.0
unknown7.64	7.64	148.3	ng	1224220	1	8.11	165072	20.0
n-Hexadecanoic acid	18.33	7.0	ng	82574	4	17.49	235975	20.0
Tetradecanoic acid	19.59	2.2	ng	33709	5	21.62	311626	20.0
1-Nonadecene	21.29	3.7	ng	57799	5	21.62	311626	20.0