LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081418\
Data File : BM016356.D
Acq On : 14 Aug 2018 16:01
Operator : SJ/JU
Sample : J4442-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-3

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	315	320	333	rBV	104637	158814	9.59%	1.267%
2	5.646	396	401	412	rBV	721756	1102082	66.52%	8.793%
3	7.287	674	680	698	rBV	733346	1178116	71.11%	9.399%
4	7.646	735	741	751	rBV	836526	1288250	77.75%	10.278%
5	8.116	815	821	830	rBB	174074	278349	16.80%	2.221%
6	8.434	869	875	888	rBB	560899	914599	55.20%	7.297%
7	9.304	1017	1023	1036	rBV	440017	716993	43.27%	5.720%
8	10.928	1293	1299	1313	rBB	195772	338377	20.42%	2.700%
9	13.369	1708	1714	1722	rBV	892110	1254914	75.74%	10.012%
10	14.204	1849	1856	1862	rBV	64426	86950	5.25%	0.694%
11	14.751	1943	1949	1956	rVB2	267318	404325	24.40%	3.226%
12	16.239	2196	2202	2214	rBV	966317	1363257	82.28%	10.876%
13	16.422	2226	2233	2239	rBV	9510	18847	1.14%	0.150%
14	17.486	2409	2414	2425	rVB	330065	457045	27.59%	3.646%
15	18.339	2553	2559	2569	rBV	93182	130293	7.86%	1.040%
16	19.527	2758	2761	2767	rVB	26856	31590	1.91%	0.252%
17	19.598	2768	2773	2779	rBV2	36146	53219	3.21%	0.425%
18	19.886	2819	2822	2829	rVB	21921	29566	1.78%	0.236%
19	20.068	2848	2853	2858	rBV	1497226	1656854	100.00%	13.219%
20	20.827	2979	2982	2984	rBV3	20129	19916	1.20%	0.159%
21	21.292	3057	3061	3067	rBV3	55985	91199	5.50%	0.728%
22	21.621	3112	3117	3121	rBV	342447	450504	27.19%	3.594%
23	21.715	3131	3133	3137	rVB5	35988	33599	2.03%	0.268%
24	22.157	3206	3208	3211	rVB4	31213	30102	1.82%	0.240%
25	23.951	3507	3513	3520	rVB	227498	446427	26.94%	3.562%

Sum of corrected areas: 12534187

LSC Report - Integrated Chromatogram

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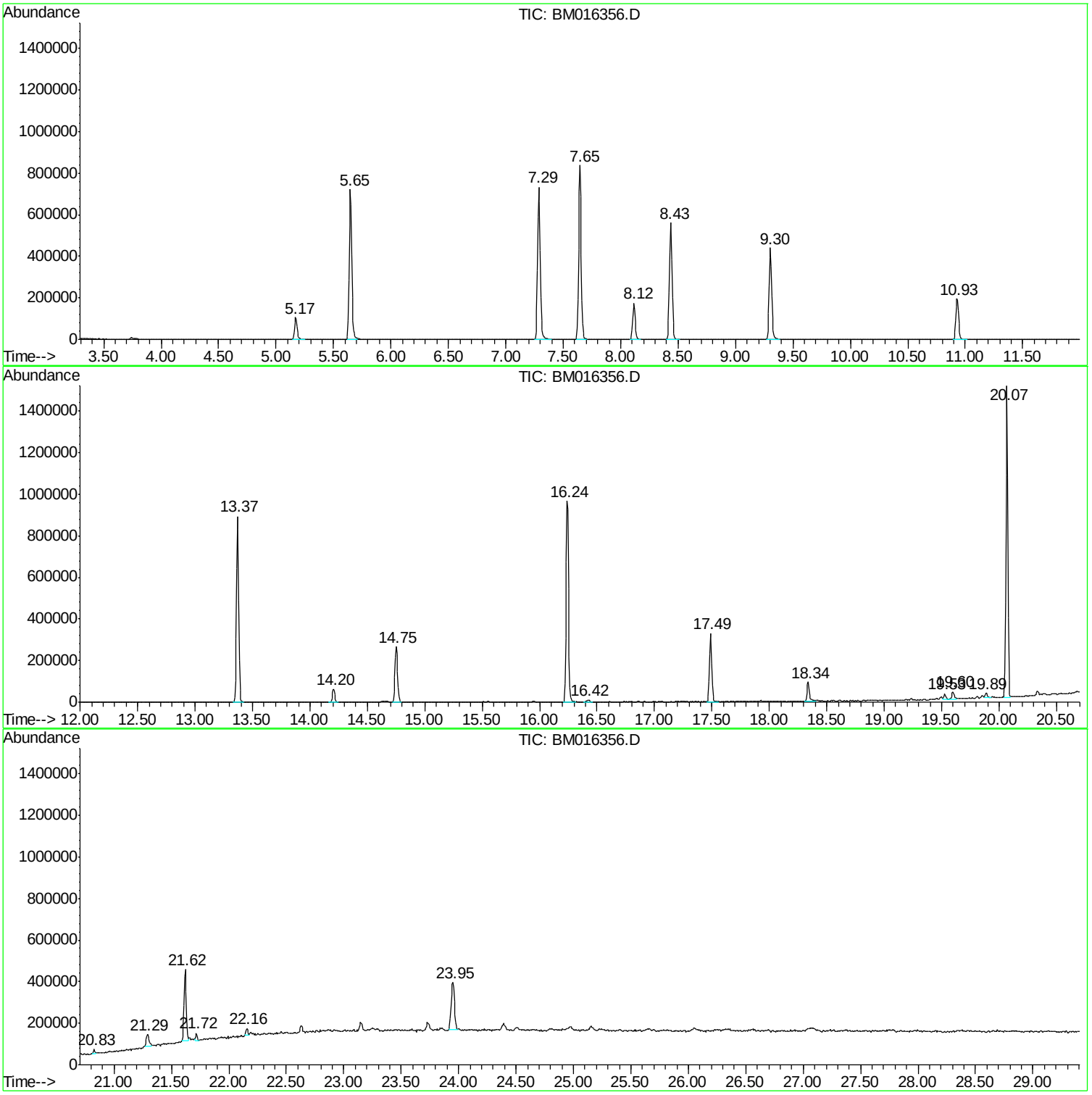
ClientSampleId : SP-1-3

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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Operator : SJ/JU
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Misc :
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Instrument : BNA_M
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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TIC Integration Parameters: LSCINT.P

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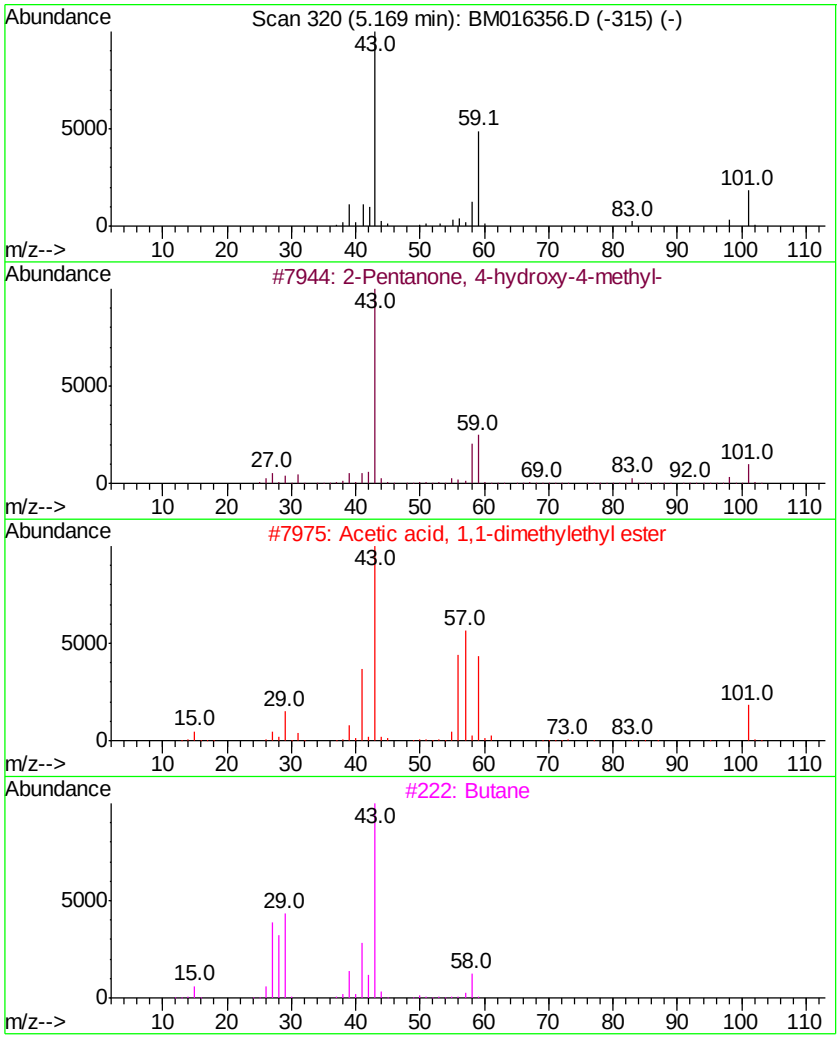
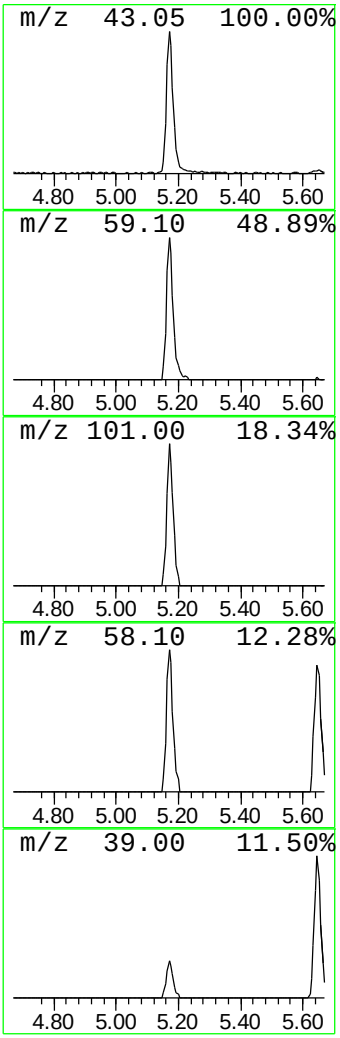
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.17	11.41 ng	158814	1,4-Dichlorobenzene-d4	8.12

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	36
3	Butane	58	C4H10	000106-97-8	22
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	12
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Library Search Compound Report

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Sample : J4442-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-3

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

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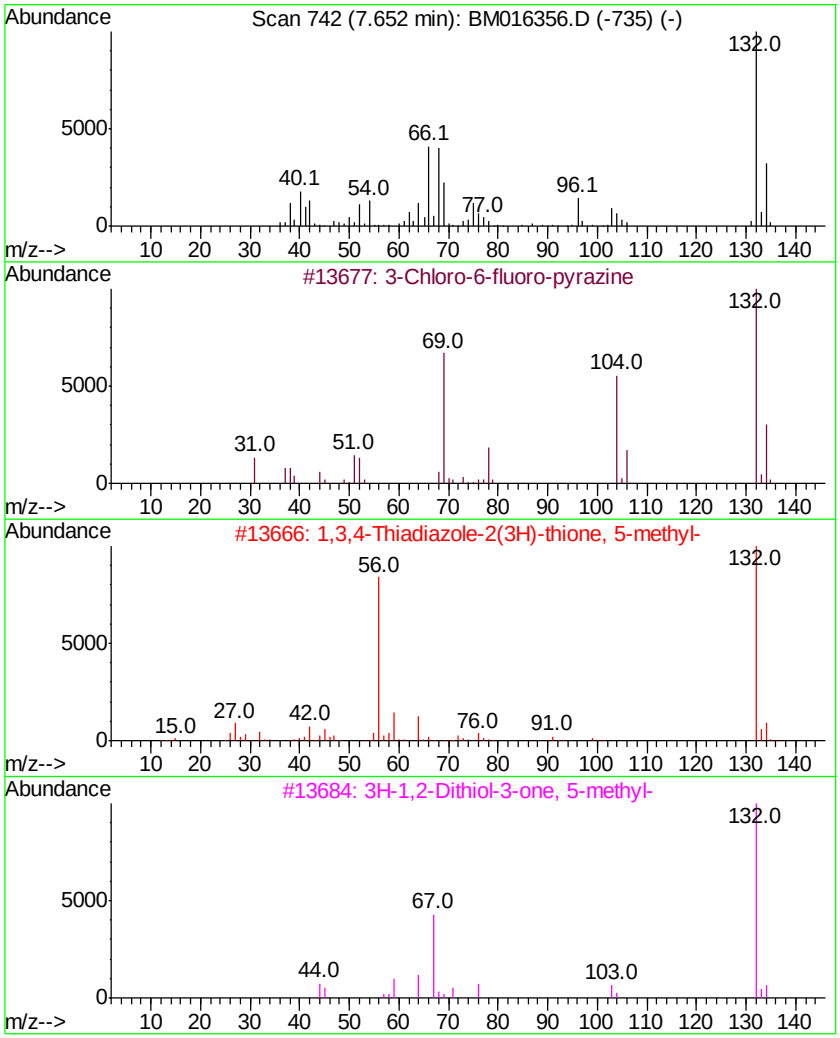
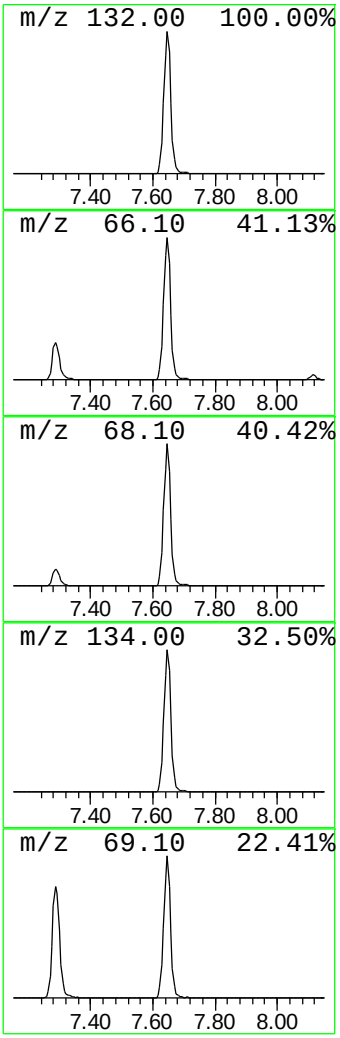
Peak Number 2 unknown7.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.65	92.56 ng	1288250	1,4-Dichlorobenzene-d4	8.12

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	14
5	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	10





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Acq On : 14 Aug 2018 16:01
Operator : SJ/JU
Sample : J4442-21
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-1-3

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM072318.M
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TIC Library : C:\DATABASE\NIST02.L
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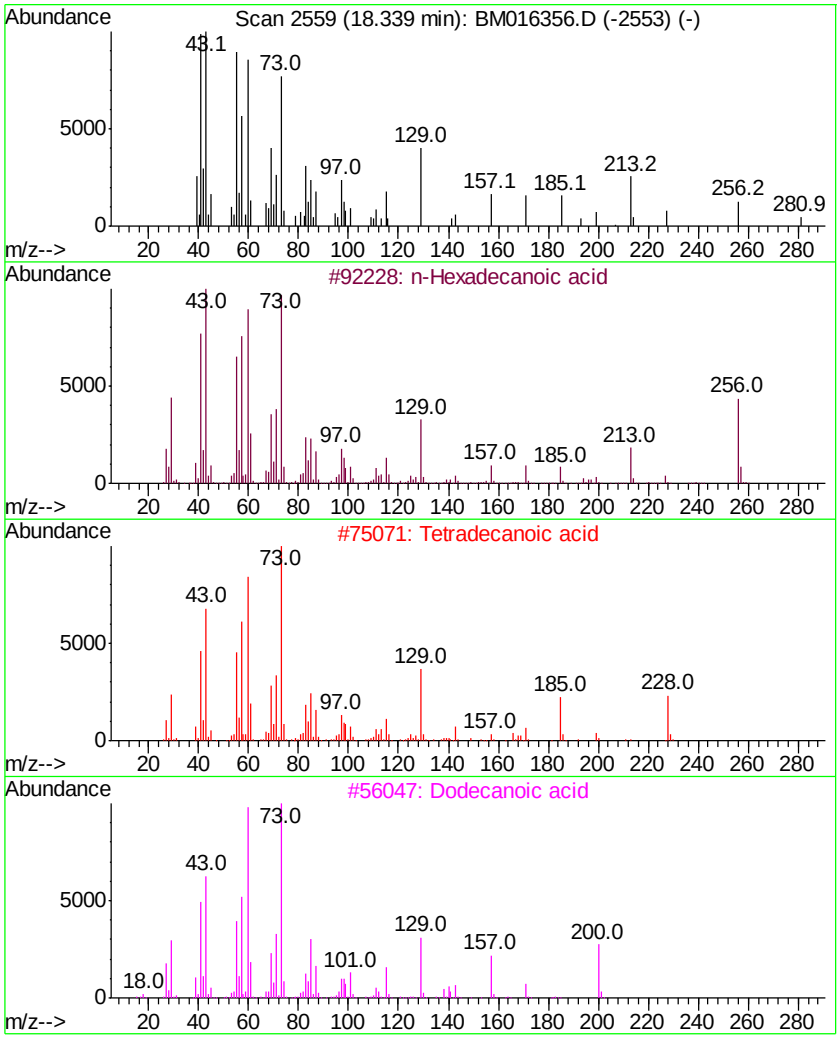
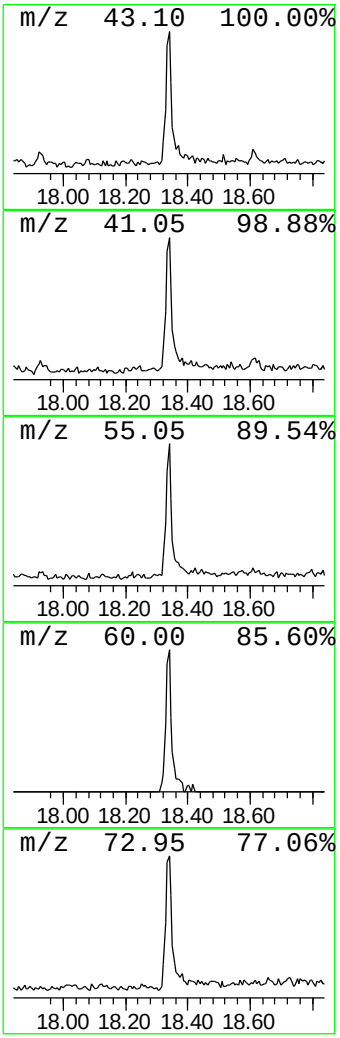
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	5.70 ng	130293	Phenanthrene-d10	17.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
3	Dodecanoic acid	200	C12H24O2	000143-07-7	49
4	n-Decanoic acid	172	C10H20O2	000334-48-5	47
5	11-Bromoundecanoic acid	264	C11H21BrO2	002834-05-1	43





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SP-1-3

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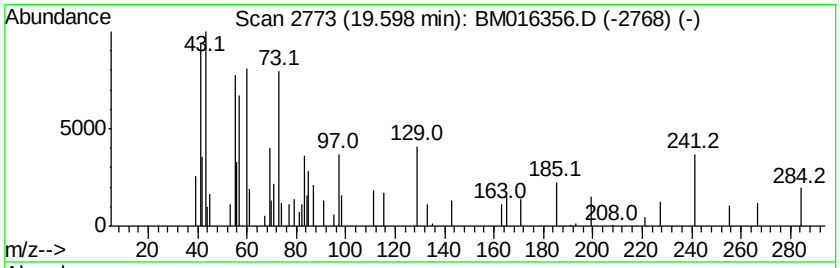
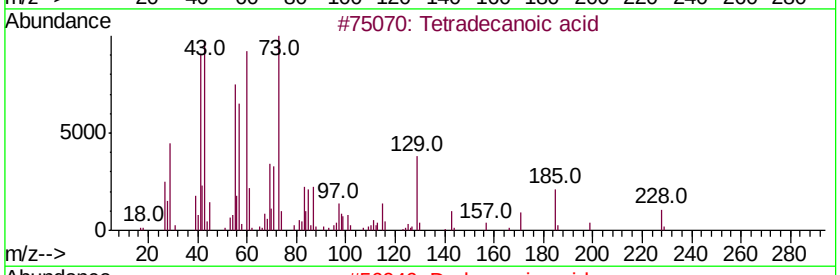
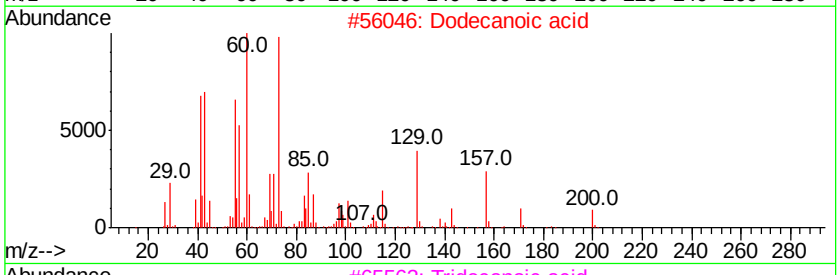
Peak Number 5 Tetradecanoic acid Concentration Rank 6

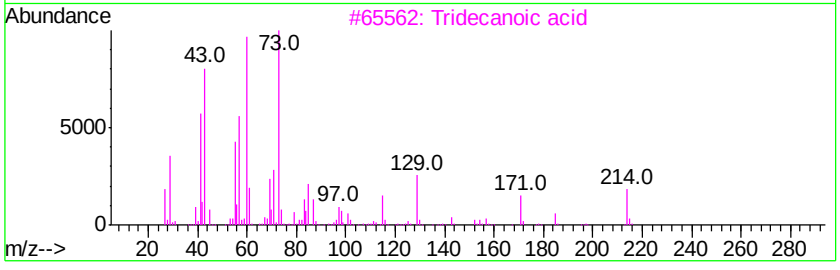
R.T.	EstConc	Area	Relative to ISTD	R.T.
19.60	2.36 ng	53219	Chrysene-d12	21.62

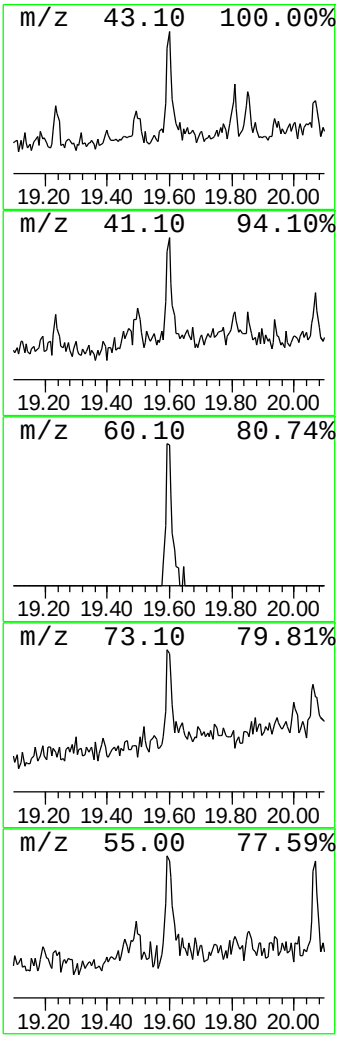
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	59
2	Dodecanoic acid	200	C12H24O2	000143-07-7	58
3	Tridecanoic acid	214	C13H26O2	000638-53-9	42
4	Undecanoic acid	186	C11H22O2	000112-37-8	40
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	38











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

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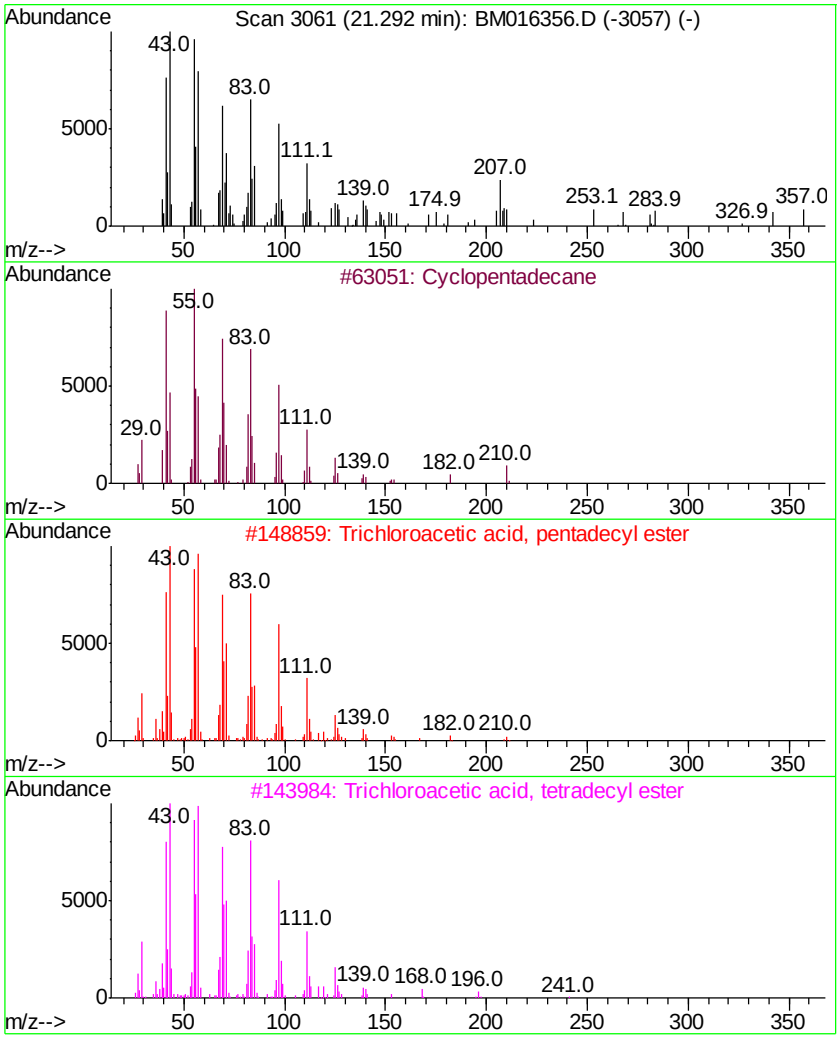
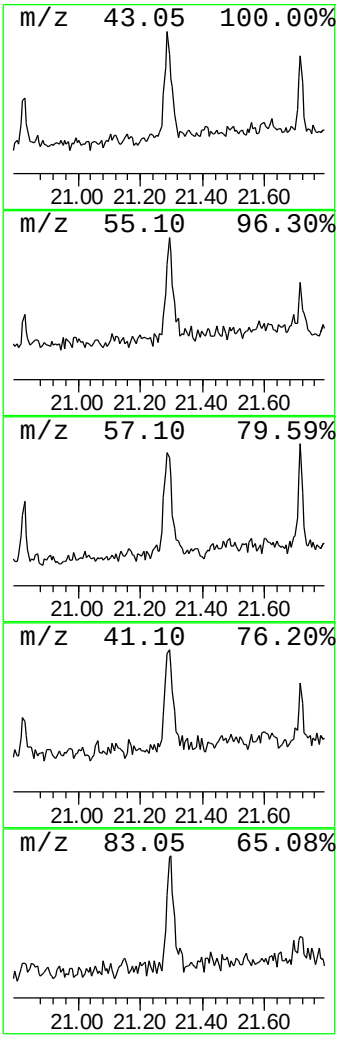
Peak Number 6 Cyclopentadecane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.29	4.05 ng	91199	Chrysene-d12	21.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentadecane	210	C15H30	000295-48-7	89
2	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	81
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	81
4	Trichloroacetic acid, tridecyl e...	344	C15H27Cl3O2	074339-51-8	81
5	1-Octadecene	252	C18H36	000112-88-9	81





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.17	11.4	ng	158814	1	8.12	278349	20.0
unknown7.65	7.65	92.6	ng	1288250	1	8.12	278349	20.0
n-Hexadecanoic acid	18.34	5.7	ng	130293	4	17.49	457045	20.0
Tetradecanoic acid	19.60	2.4	ng	53219	5	21.62	450504	20.0
Cyclopentadecane	21.29	4.0	ng	91199	5	21.62	450504	20.0