LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM111318\
Data File : BM017637.D
Acq On : 14 Nov 2018 01:02
Operator : MJ/SJ
Sample : J5921-05
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SP-TANK2-N48963

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-BM111218.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	4.793	300	307	316	rBV	334871	475513	2.91%	0.600%
2	5.240	376	383	398	rBV	1866815	2709549	16.59%	3.421%
3	6.798	642	648	665	rBV	1080396	1929904	11.82%	2.436%
4	7.151	701	708	717	rBV	3827877	6128282	37.52%	7.737%
5	7.616	778	787	796	rBV	978932	1591604	9.74%	2.009%
6	7.928	829	840	853	rBV	3517593	5605392	34.32%	7.077%
7	8.769	976	983	999	rBV	3022600	4949751	30.30%	6.249%
8	10.386	1251	1258	1273	rBV	1246980	2202779	13.49%	2.781%
9	12.875	1673	1681	1697	rBV	7439765	11089865	67.89%	14.001%
10	13.727	1820	1826	1833	rBV	263710	432792	2.65%	0.546%
11	14.257	1910	1916	1925	rBV2	1866167	2884824	17.66%	3.642%
12	15.757	2164	2171	2188	rBV	5918021	8770943	53.70%	11.073%
13	17.015	2379	2385	2392	rBV2	2305510	3420214	20.94%	4.318%
14	17.921	2534	2539	2550	rBV	1284053	1855089	11.36%	2.342%
15	19.209	2754	2758	2766	rBV	421118	622682	3.81%	0.786%
16	19.656	2828	2834	2843	rBV	13262582	16334351	100.00%	20.622%
17	20.939	3048	3052	3060	rBV	735459	969771	5.94%	1.224%
18	21.209	3093	3098	3108	rBV	2910528	3840802	23.51%	4.849%
19	22.250	3272	3275	3284	rVB	199606	268447	1.64%	0.339%
20	22.744	3356	3359	3365	rVB	220611	297794	1.82%	0.376%
21	23.403	3465	3471	3480	rVB	1516279	2829534	17.32%	3.572%

Sum of corrected areas: 79209882

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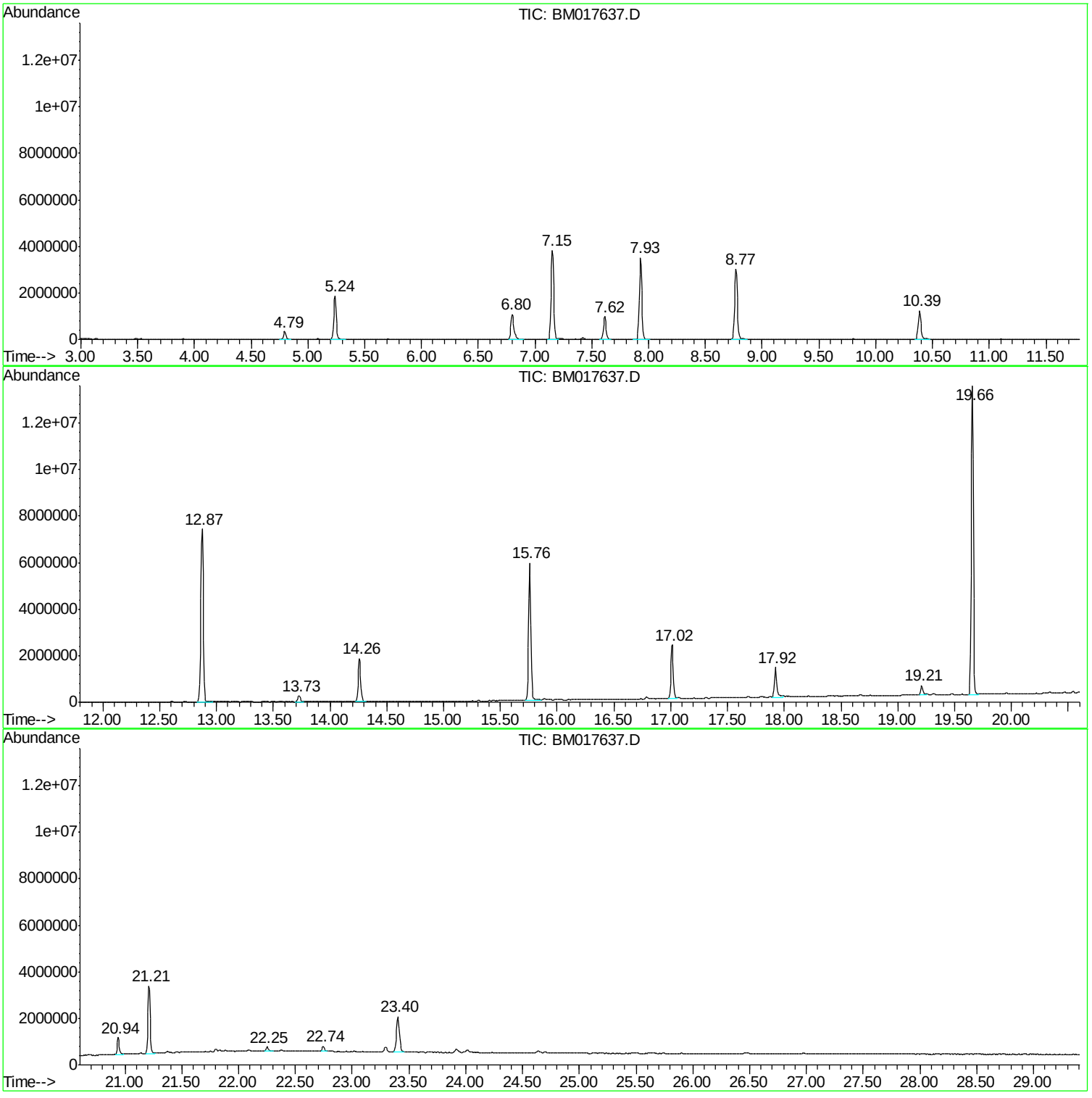
ClientSampleId :
SP-TANK2-N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.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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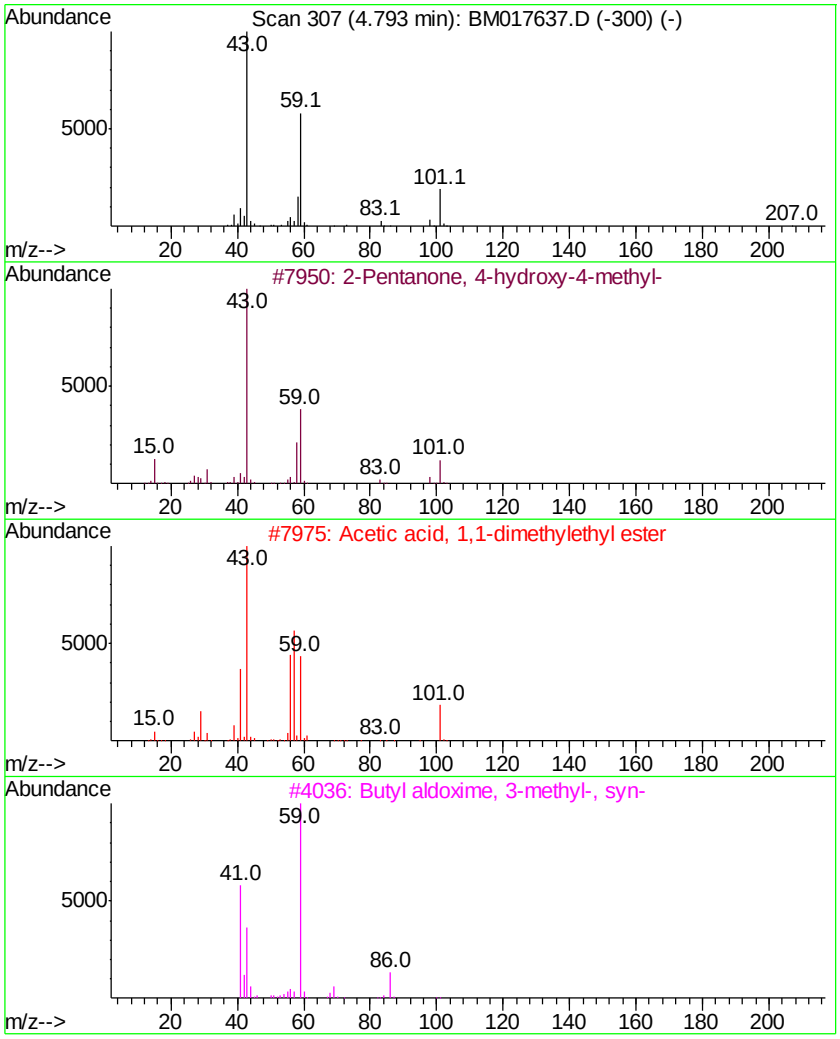
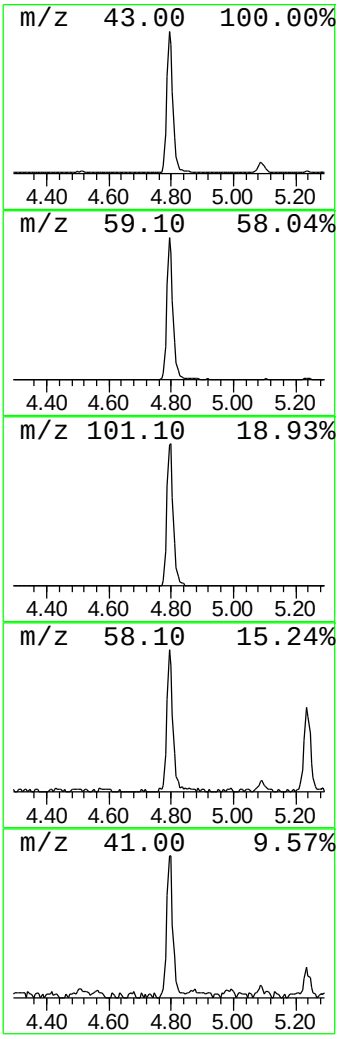
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.79	5.98 ng	475513	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	38
3	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Silane, trimethyl-	74	C3H10Si	000993-07-7	25





Library Search Compound Report

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Instrument : BNA_M
ClientSampleId : SP-TANK2-N48963

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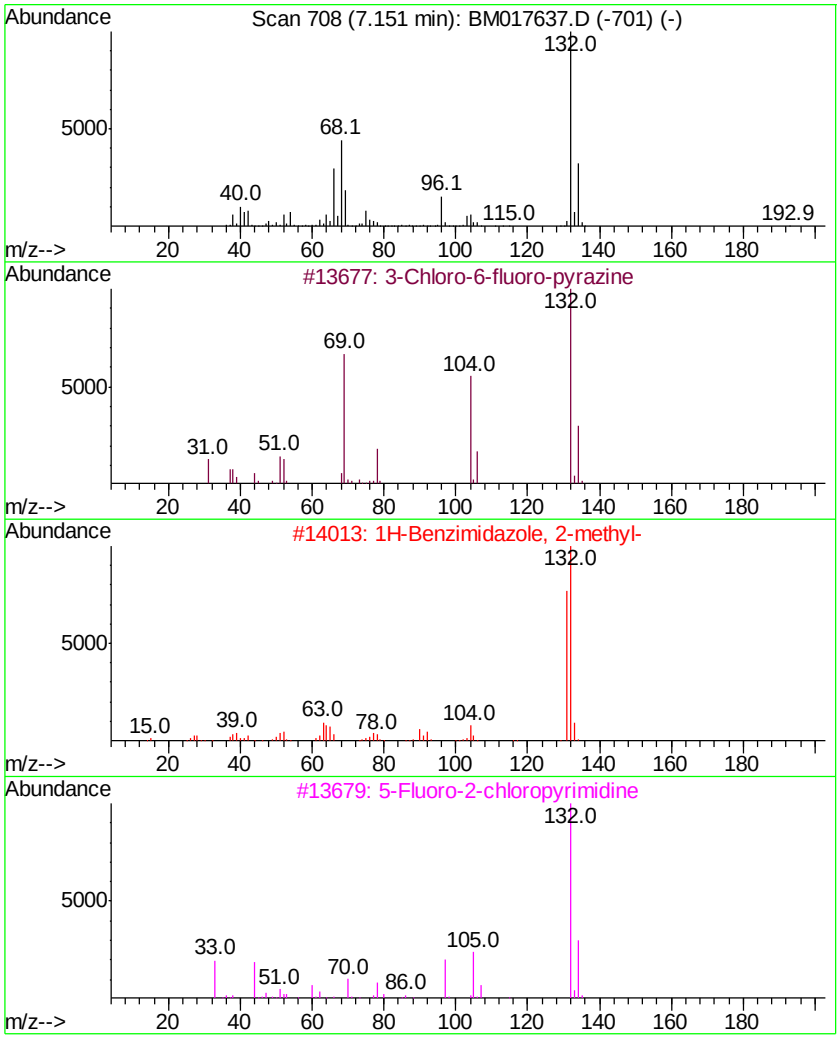
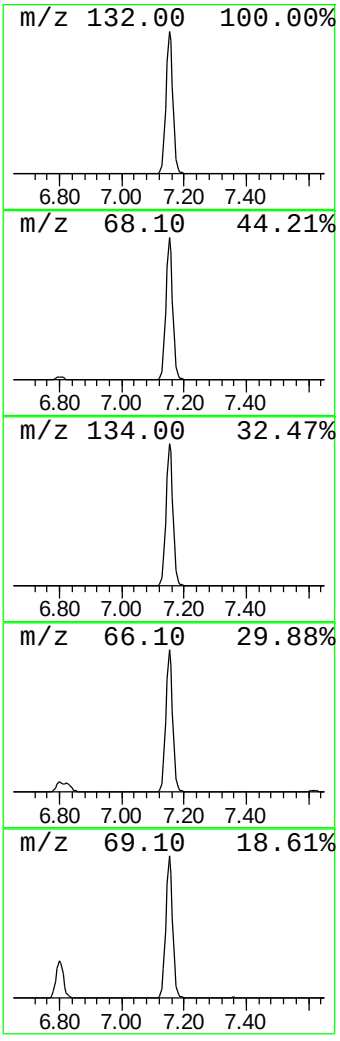
****

Peak Number 2 unknown7.15 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.15	77.01 ng	6128280	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Xenon	132	Xe	007440-63-3	9





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Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SP-TANK2-N48963

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM111218.M
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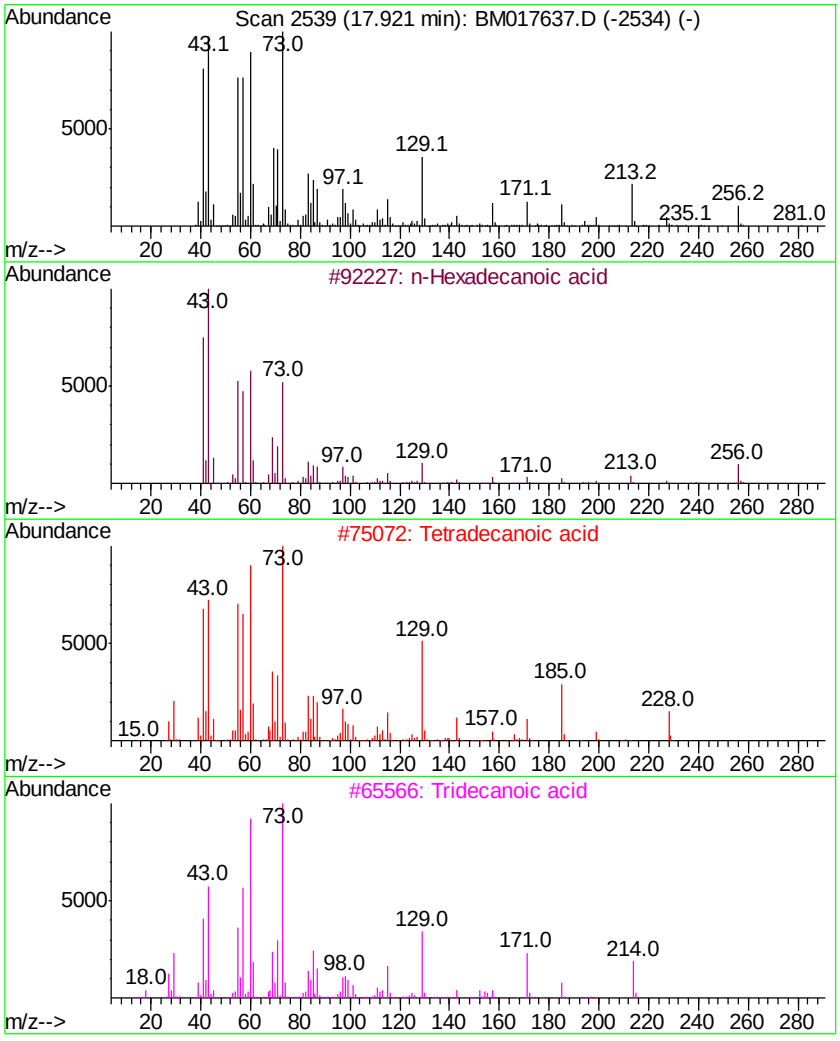
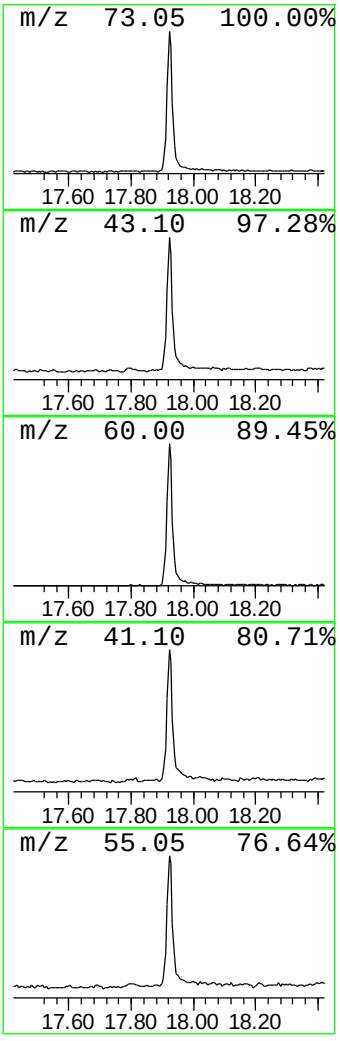
Peak Number 4 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.92	10.85 ng	1855090	Phenanthrene-d10	17.02

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	93
3	Tridecanoic acid	214	C13H26O2	000638-53-9	87
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83
5	Nonane, 3,7-dimethyl-	156	C11H24	017302-32-8	15





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Instrument : BNA_M
ClientSampleId : SP-TANK2-N48963

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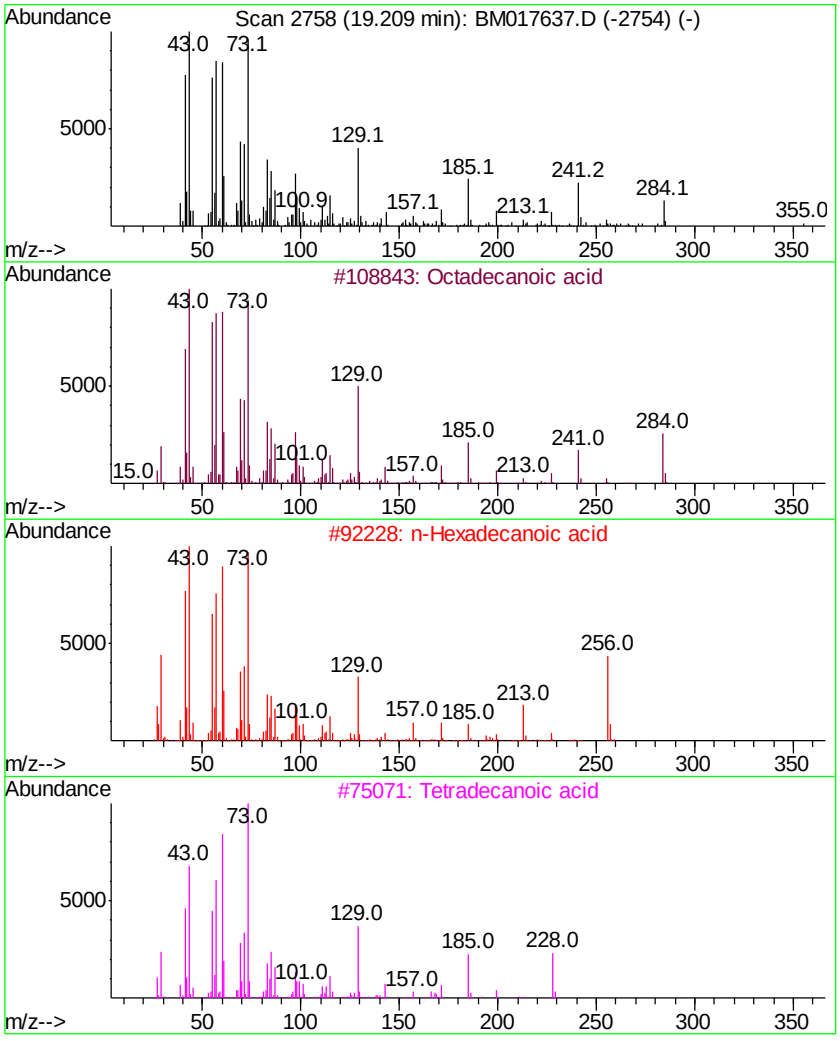
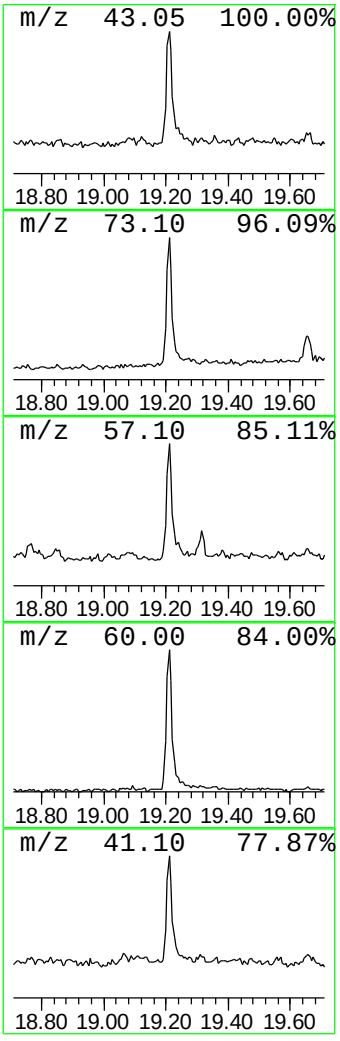
Peak Number 5 Octadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.21	3.24 ng	622682	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	83
4	Tridecanoic acid	214	C13H26O2	000638-53-9	70
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	70





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Misc :
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Instrument : BNA_M
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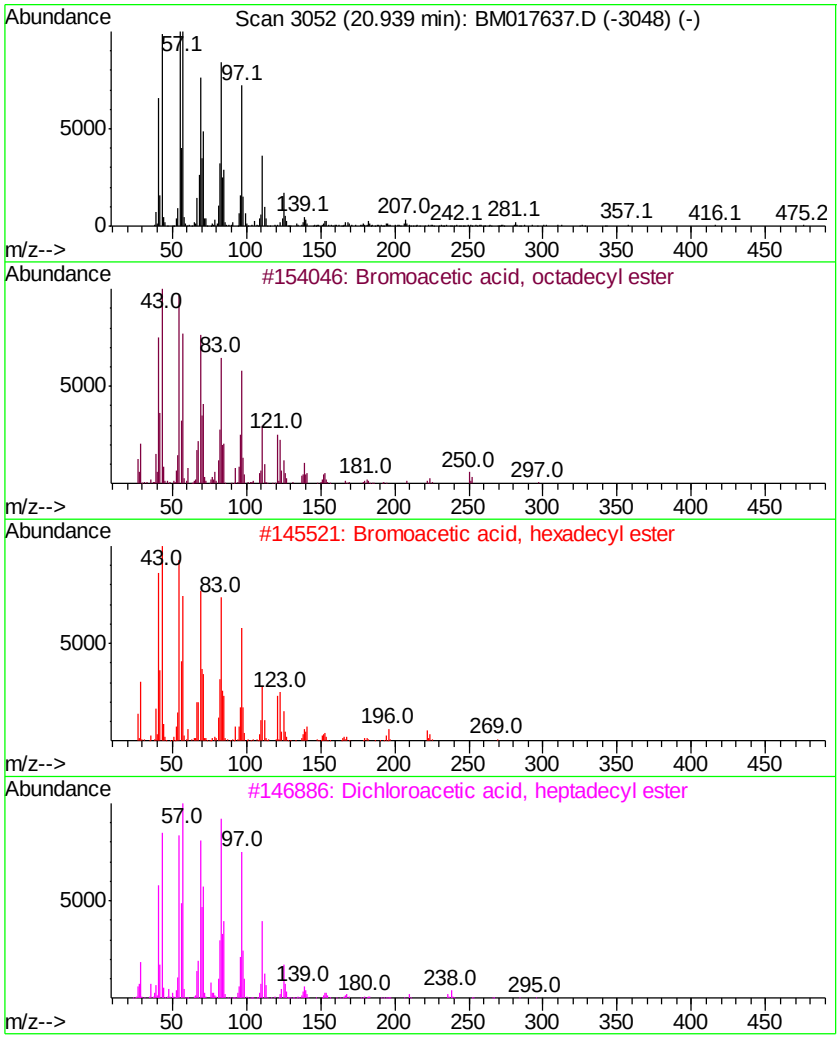
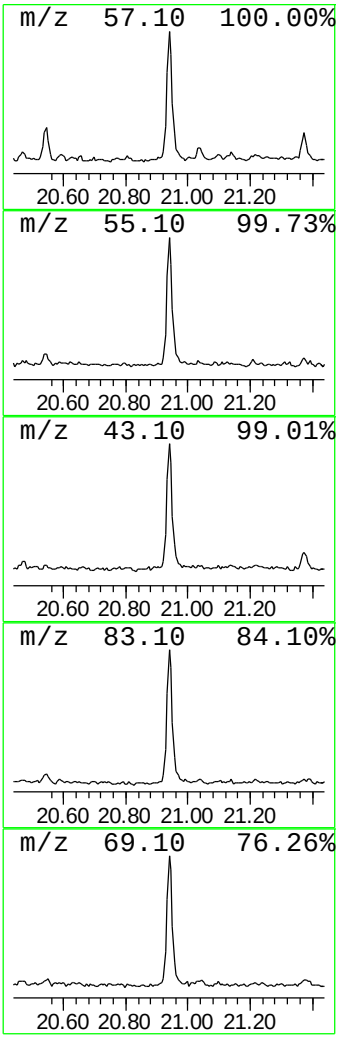
****

Peak Number 6 Bromoacetic acid, octadecyl... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.94	5.05 ng	969771	Chrysene-d12	21.21

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	94
2	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
3	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	91
4	1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
5	2- Chloropropionic acid, pentade...	318	C18H35ClO2	1000292-44-1	91





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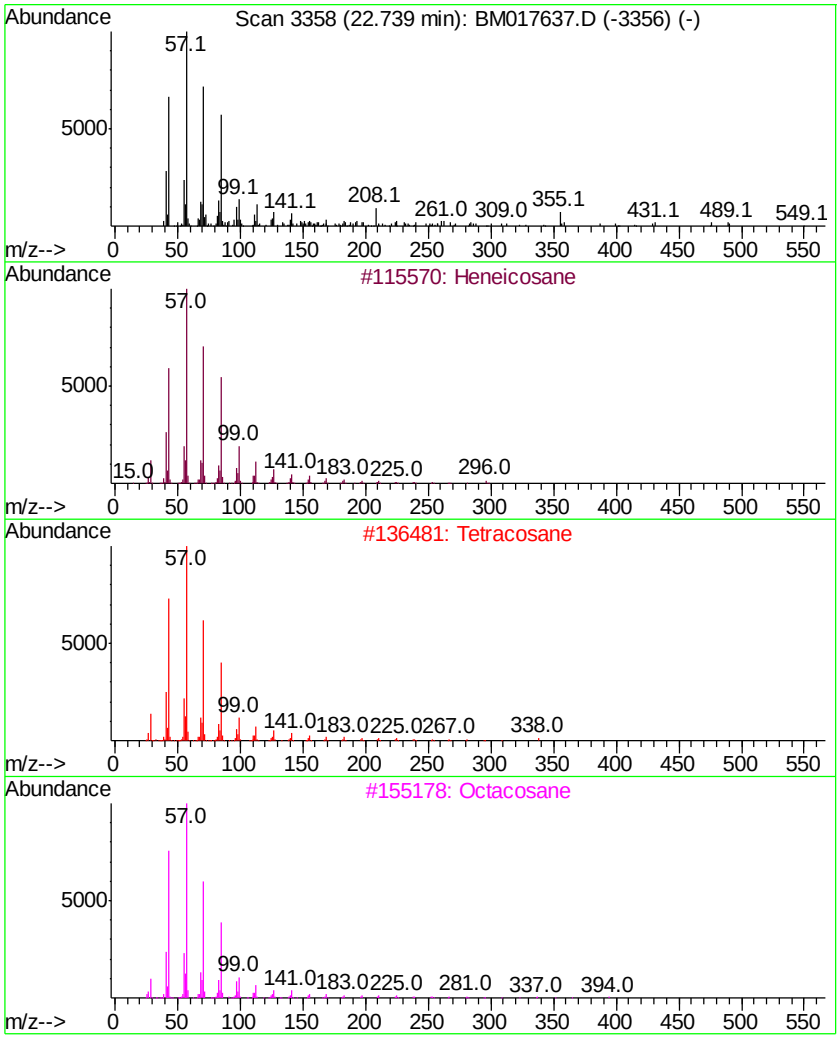
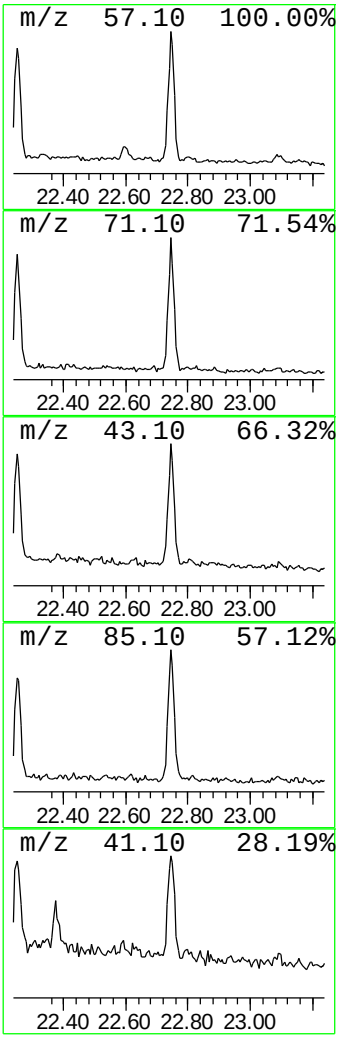
Peak Number 7 Heneicosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.74	2.10 ng	297794	Perylene-d12	23.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	89
2	Tetracosane	338	C24H50	000646-31-1	87
3	Octacosane	394	C28H58	000630-02-4	87
4	Heptadecane, 9-octyl-	352	C25H52	007225-64-1	83
5	Docosane, 11-butyl-	366	C26H54	013475-76-8	83





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.79	6.0	ng	475513	1	7.62	1591600	20.0
unknown7.15	7.15	77.0	ng	6128280	1	7.62	1591600	20.0
n-Hexadecanoic acid	17.92	10.9	ng	1855090	4	17.02	3420210	20.0
Octadecanoic acid	19.21	3.2	ng	622682	5	21.21	3840800	20.0
Bromoacetic acid,...	20.94	5.0	ng	969771	5	21.21	3840800	20.0
Heneicosane	22.74	2.1	ng	297794	6	23.40	2829530	20.0