LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM080818\
Data File : BM016259.D
Acq On : 08 Aug 2018 20:46
Operator : SJ/JU
Sample : J4360-04
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-CONCRETE

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	5.187	317	323	337	rVB	187567	279225	10.02%	1.389%
2	5.663	398	404	416	rBV	1262868	1841614	66.06%	9.159%
3	7.304	677	683	701	rBV	1178331	1883527	67.57%	9.367%
4	7.663	737	744	757	rBV	1319265	2073948	74.40%	10.314%
5	8.134	818	824	833	rBV	267127	427723	15.34%	2.127%
6	8.457	872	879	891	rBB	987603	1561887	56.03%	7.768%
7	9.322	1019	1026	1044	rBV	710791	1162738	41.71%	5.782%
8	10.951	1296	1303	1312	rBV	284679	480894	17.25%	2.392%
9	13.392	1711	1718	1728	rBV	1506390	2147793	77.05%	10.681%
10	14.221	1852	1859	1865	rBV	81843	110350	3.96%	0.549%
11	14.768	1946	1952	1960	rBV2	335214	505509	18.13%	2.514%
12	16.257	2199	2205	2212	rBV	1187897	1659248	59.52%	8.252%
13	17.504	2412	2417	2423	rBV2	371661	539732	19.36%	2.684%
14	18.356	2557	2562	2572	rBV	214829	297041	10.66%	1.477%
15	19.615	2772	2776	2783	rBV	89376	122551	4.40%	0.609%
16	20.086	2850	2856	2862	rBV	2433183	2787647	100.00%	13.863%
17	20.786	2972	2975	2980	rBV7	21712	29119	1.04%	0.145%
18	20.845	2982	2985	2989	rVV2	26159	31287	1.12%	0.156%
19	21.309	3059	3064	3071	rBV	216701	328463	11.78%	1.634%
20	21.509	3094	3098	3103	rBV	400689	424561	15.23%	2.111%
21	21.633	3114	3119	3125	rBV	491726	688362	24.69%	3.423%
22	23.974	3511	3517	3526	rVB	369859	724666	26.00%	3.604%

Sum of corrected areas: 20107885

LSC Report - Integrated Chromatogram

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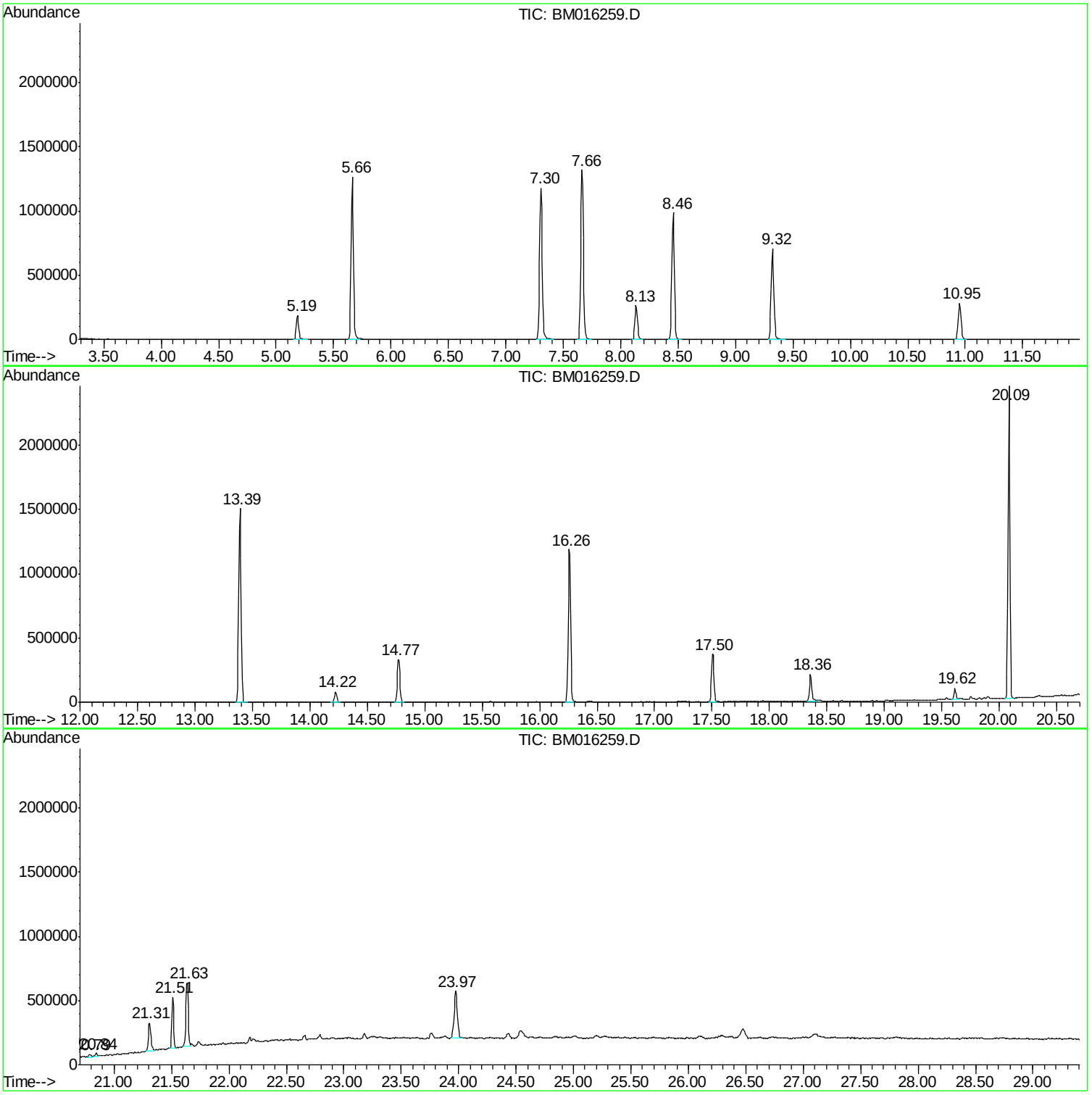
Instrument :
BNA_M
ClientSampleId :
155-CONCRETE

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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TIC Integration Parameters: LSCINT.P

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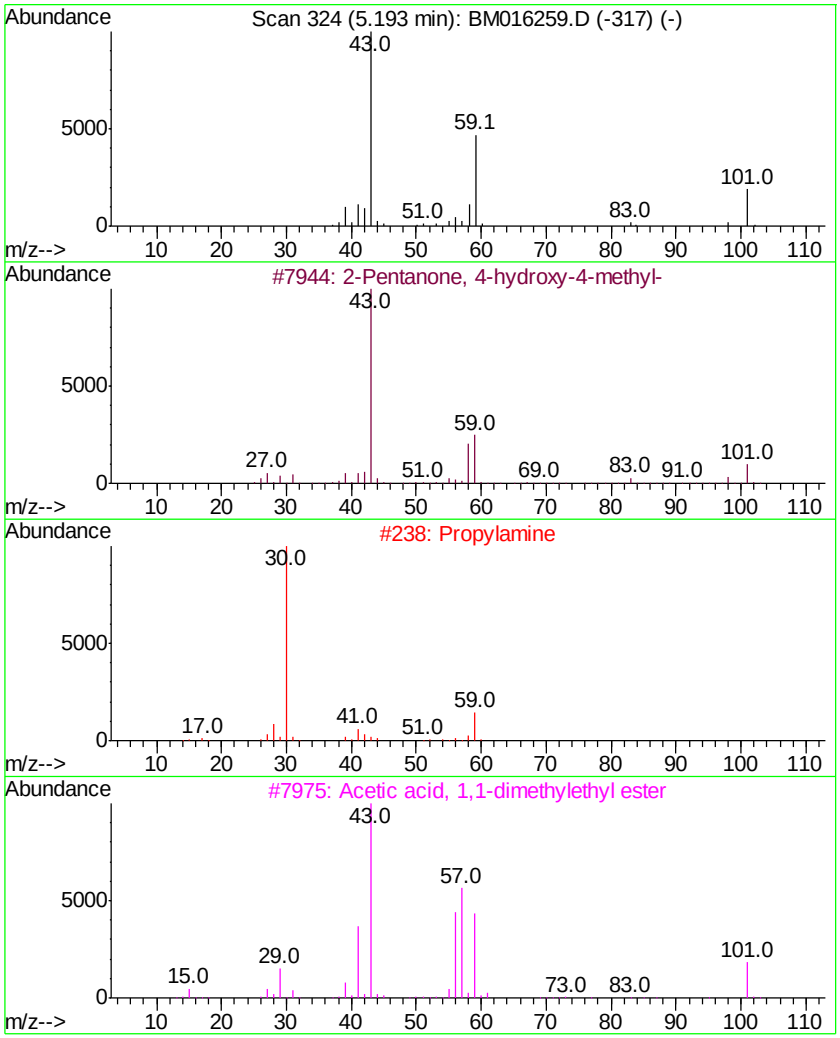
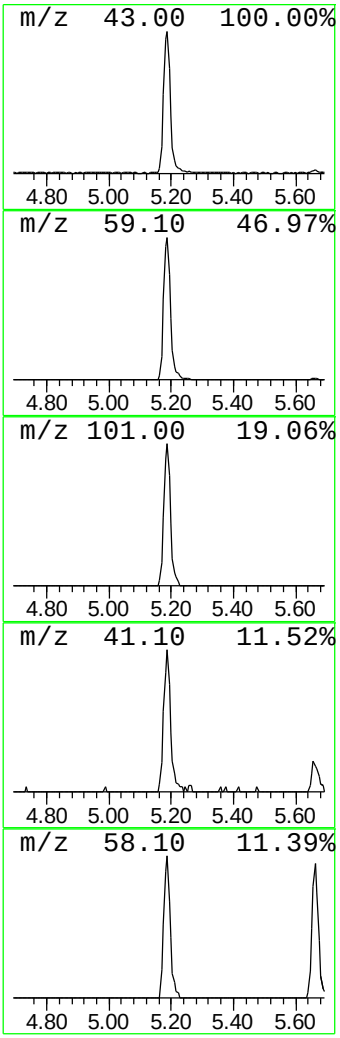
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.19	13.06 ng	279225	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Propylamine	59	C3H9N	000107-10-8	42
3	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	36
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
5	Butane	58	C4H10	000106-97-8	22





Library Search Compound Report

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ClientSampleId : 155-CONCRETE

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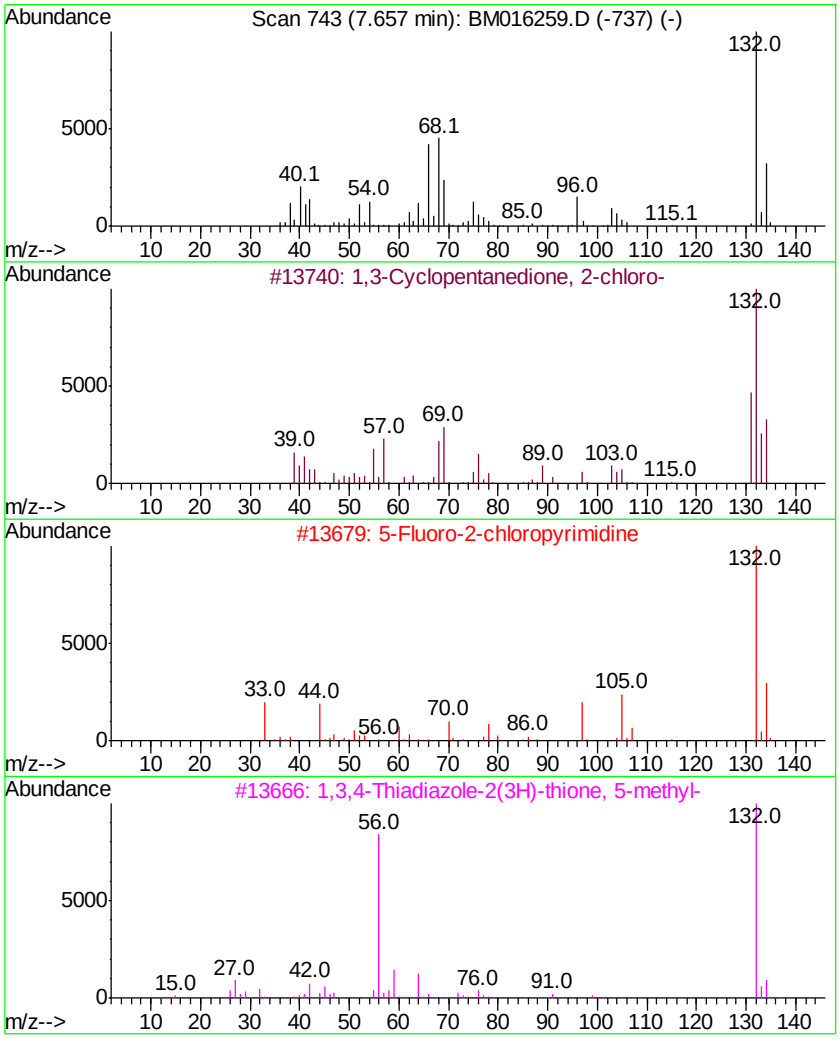
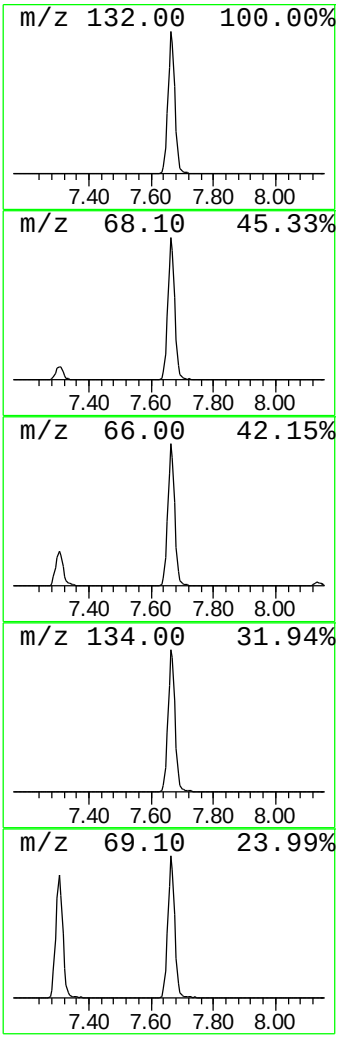
****

Peak Number 2 unknown7.66 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.66	96.98 ng	2073950	1,4-Dichlorobenzene-d4	8.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	16
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	14
3	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
4	3H-1,2-Dithiol-3-one, 5-methyl-	132	C4H4OS2	003620-08-4	14
5	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	14





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ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-CONCRETE

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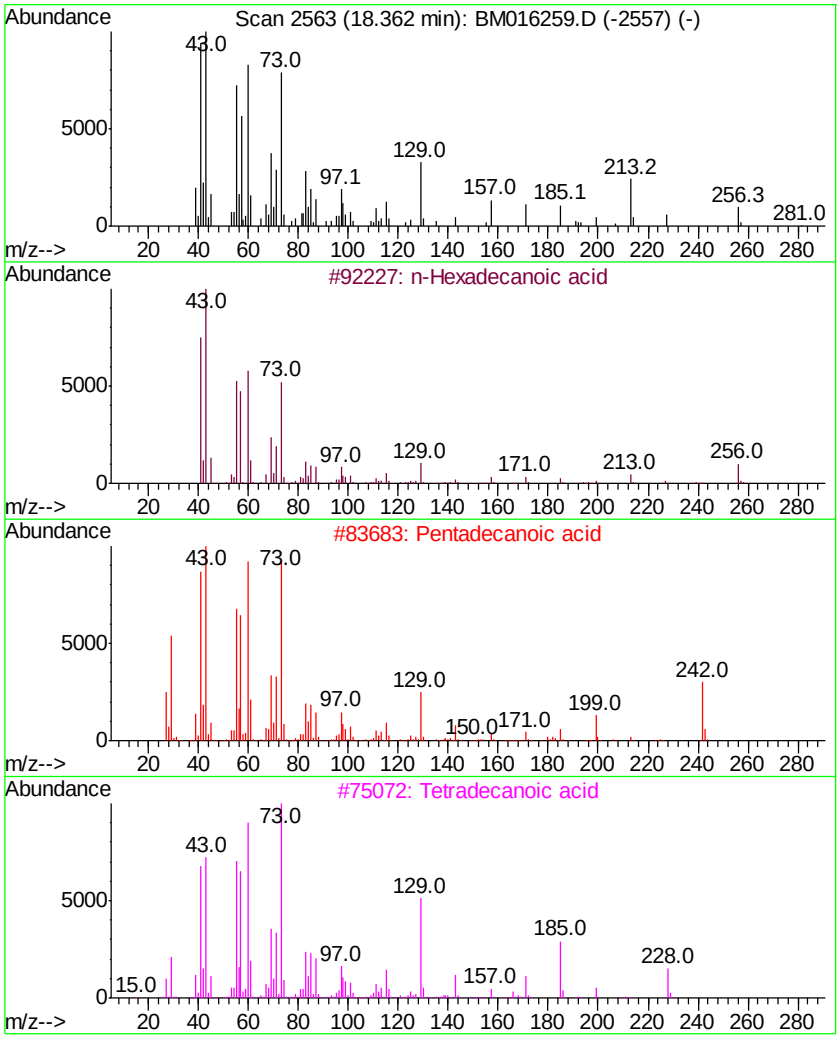
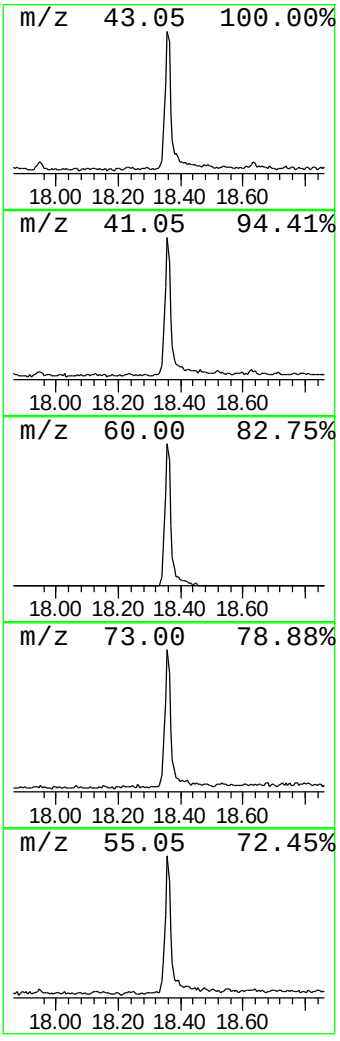
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.36	11.01 ng	297041	Phenanthrene-d10	17.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	97
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	64
5	Dodecanoic acid	200	C12H24O2	000143-07-7	59





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Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 155-CONCRETE

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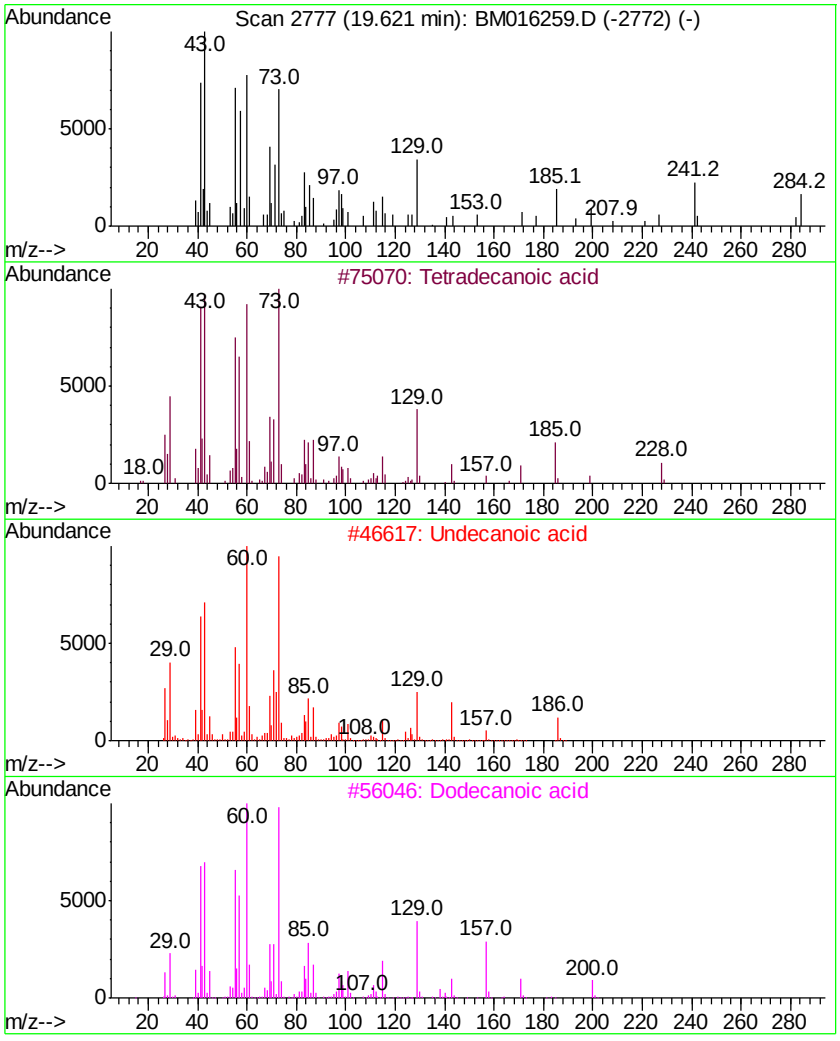
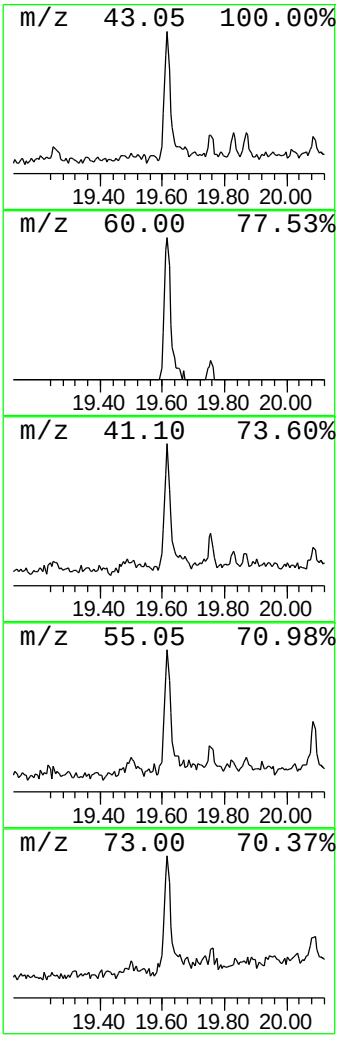
Peak Number 5 Tetradecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.62	3.56 ng	122551	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	53
2	Undecanoic acid	186	C11H22O2	000112-37-8	43
3	Dodecanoic acid	200	C12H24O2	000143-07-7	43
4	Tridecanoic acid	214	C13H26O2	000638-53-9	35
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	35





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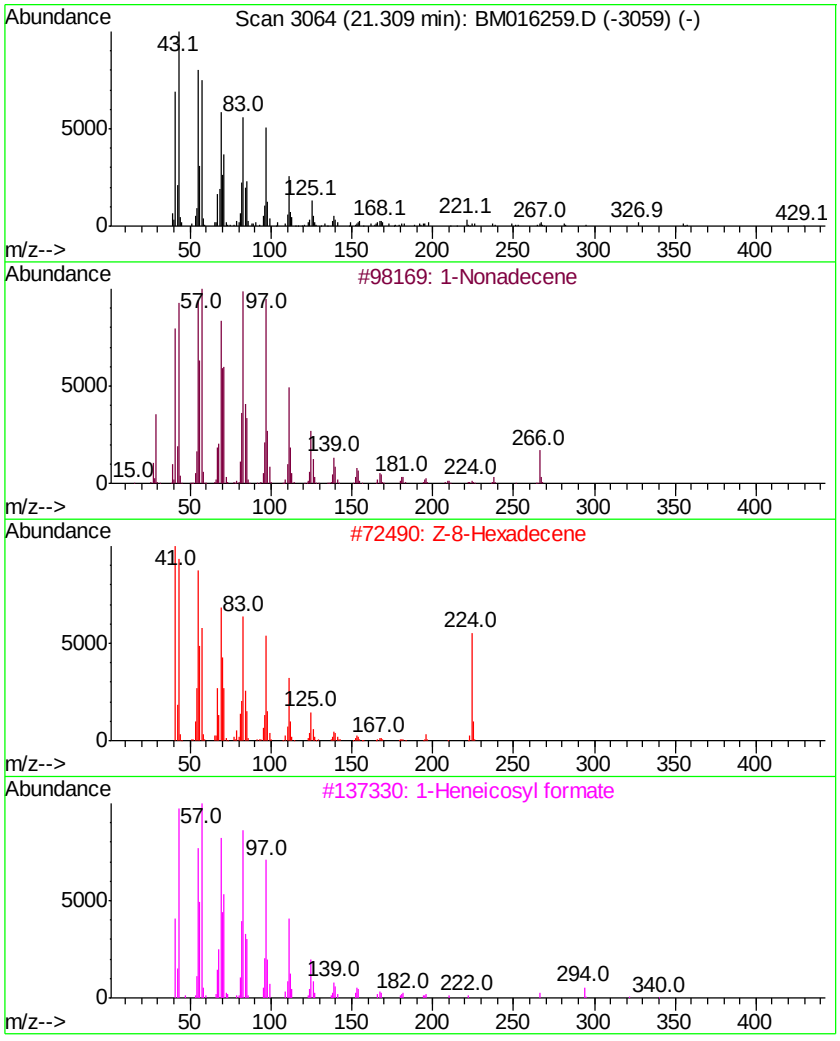
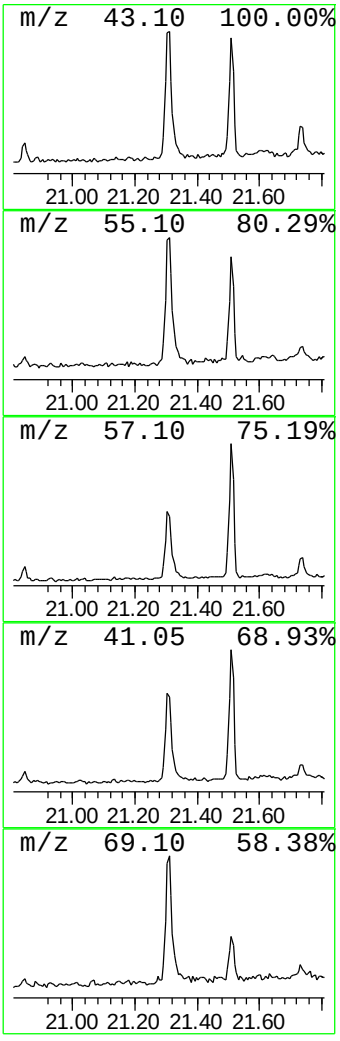
****

Peak Number 6 1-Nonadecene Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.31	9.54 ng	328463	Chrysene-d12	21.64

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Nonadecene	266	C19H38	018435-45-5	94
2	Z-8-Hexadecene	224	C16H32	1000130-87-5	94
3	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
4	1-Hexadecene	224	C16H32	000629-73-2	93
5	1-Docosene	308	C22H44	001599-67-3	93





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...	5.19	13.1	ng	279225	1	8.13	427723	20.0
unknown7.66	7.66	97.0	ng	2073950	1	8.13	427723	20.0
n-Hexadecanoic acid	18.36	11.0	ng	297041	4	17.51	539732	20.0
Tetradecanoic acid	19.62	3.6	ng	122551	5	21.64	688362	20.0
1-Nonadecene	21.31	9.5	ng	328463	5	21.64	688362	20.0