LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018373.D
Acq On : 22 Dec 2018 00:54
Operator : JU/SJ
Sample : J6500-02
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-CUTTINGS

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-BM121518.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	4.675	299	304	310	rBV	73057	97100	2.58%	0.319%
2	5.128	374	381	390	rBV	2021766	2889306	76.64%	9.480%
3	6.698	641	648	661	rBV	1874023	3204800	85.01%	10.516%
4	6.804	662	666	672	rVB2	27796	47394	1.26%	0.156%
5	7.028	696	704	718	rBV	2094785	3241115	85.98%	10.635%
6	7.481	771	781	789	rBV	551024	829721	22.01%	2.722%
7	7.792	827	834	844	rBV	1500089	2324951	61.67%	7.629%
8	8.639	970	978	992	rBV	1105596	1846206	48.97%	6.058%
9	10.251	1244	1252	1265	rBV	607784	1050657	27.87%	3.447%
10	12.751	1669	1677	1690	rBV	2506084	3769794	100.00%	12.369%
11	13.616	1819	1824	1834	rBV	157986	252738	6.70%	0.829%
12	14.145	1908	1914	1924	rVV2	822369	1262592	33.49%	4.143%
13	15.657	2165	2171	2182	rBV	1554732	2350357	62.35%	7.712%
14	16.909	2378	2384	2397	rBV2	797326	1212692	32.17%	3.979%
15	17.821	2535	2539	2549	rBV2	104982	163937	4.35%	0.538%
16	19.121	2756	2760	2768	rBV10	38051	70232	1.86%	0.230%
17	19.568	2830	2836	2842	rBV	2592493	3213722	85.25%	10.545%
18	20.850	3051	3054	3060	rVB	227265	253047	6.71%	0.830%
19	21.133	3098	3102	3108	rBV	872494	1208306	32.05%	3.965%
20	23.303	3466	3471	3477	rVB	663500	1188215	31.52%	3.899%

Sum of corrected areas: 30476882

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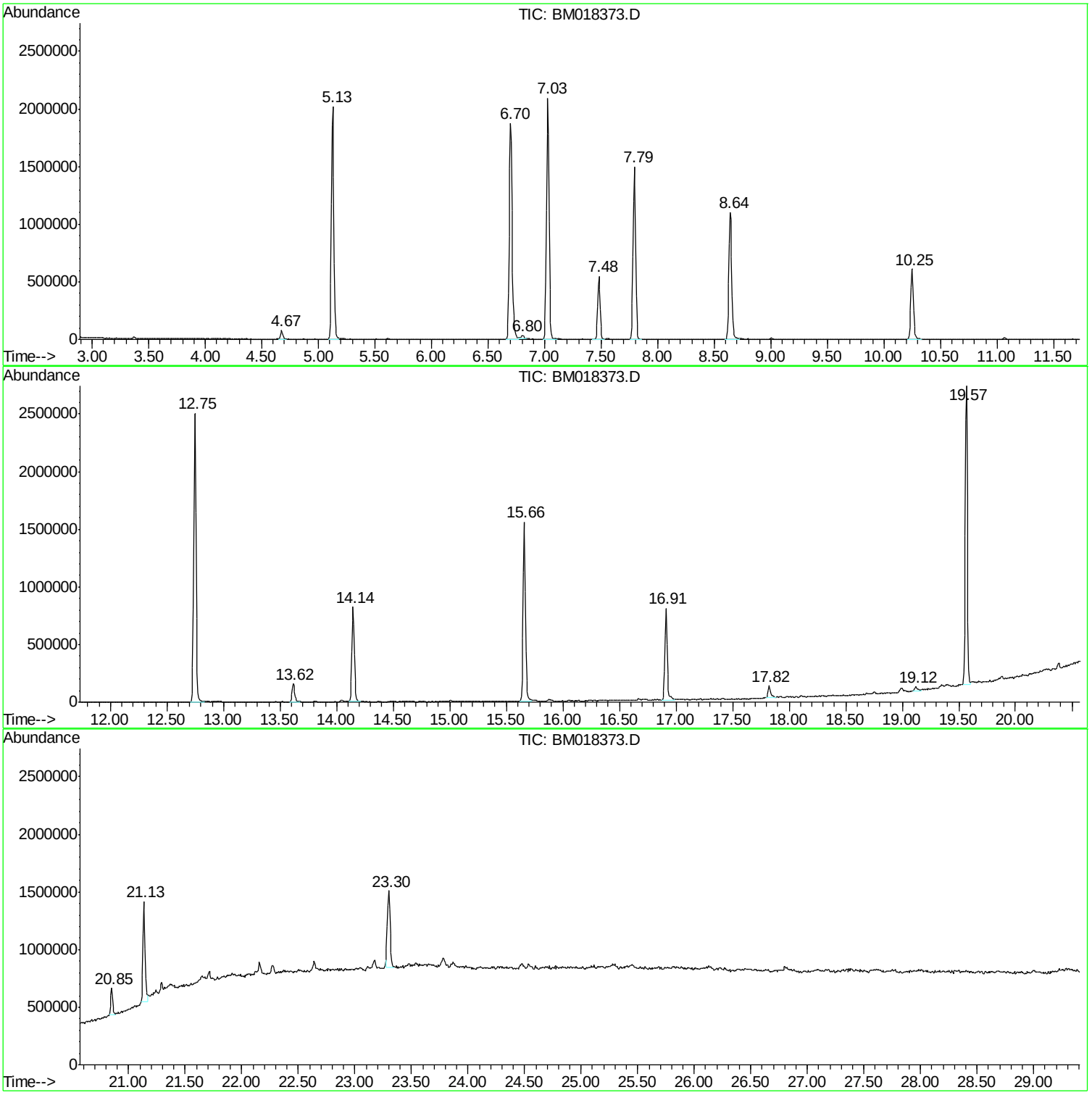
ClientSampleId :
SOIL-CUTTINGS

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\8270-BM121518.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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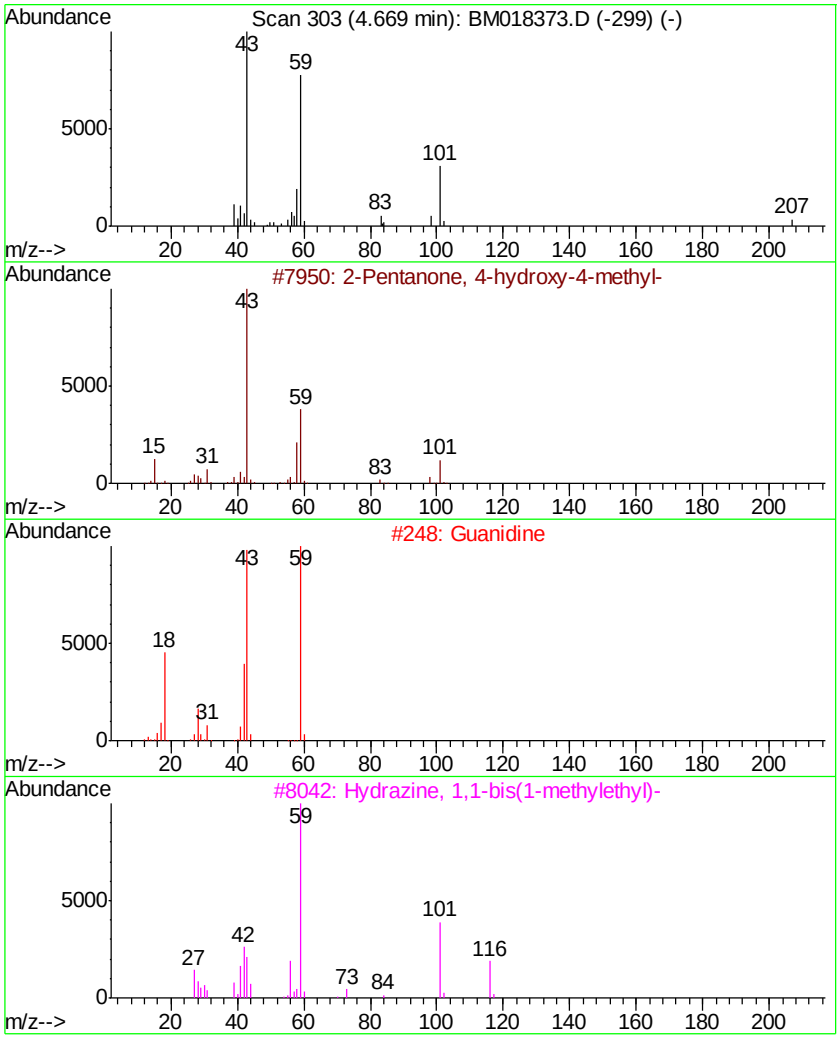
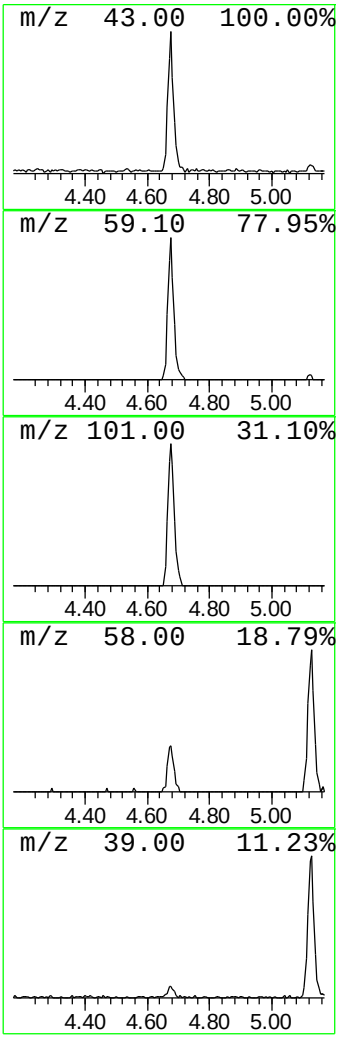
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.67	2.34 ng	97100	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	53
2	Guanidine	59	CH5N3	000113-00-8	50
3	Hydrazine, 1,1-bis(1-methylethyl)-	116	C6H16N2	000921-14-2	42
4	Dimethadione	129	C5H7NO3	000695-53-4	36
5	Acetic acid, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	33





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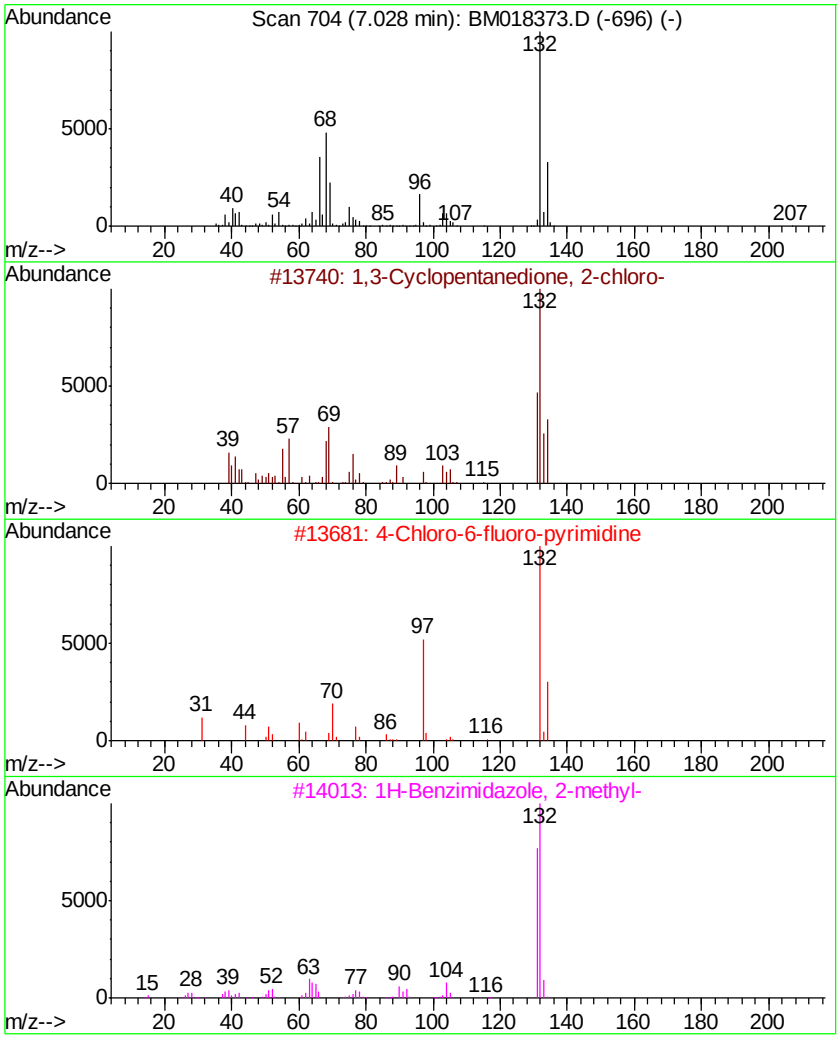
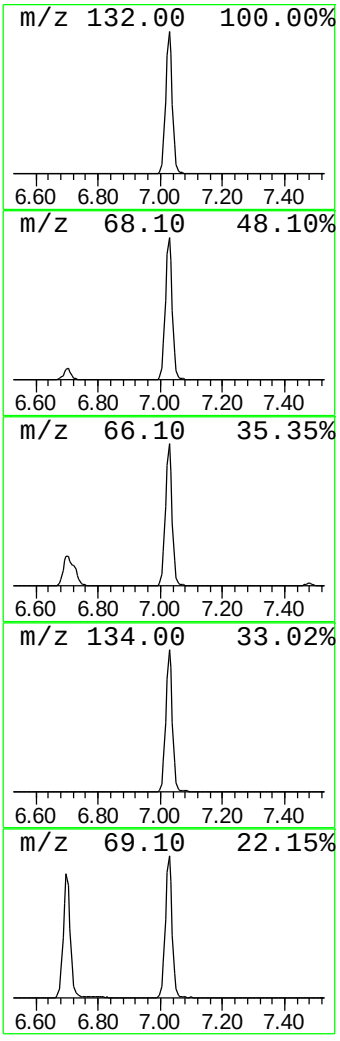
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	78.13 ng	3241120	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	37
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	16





Library Search Compound Report

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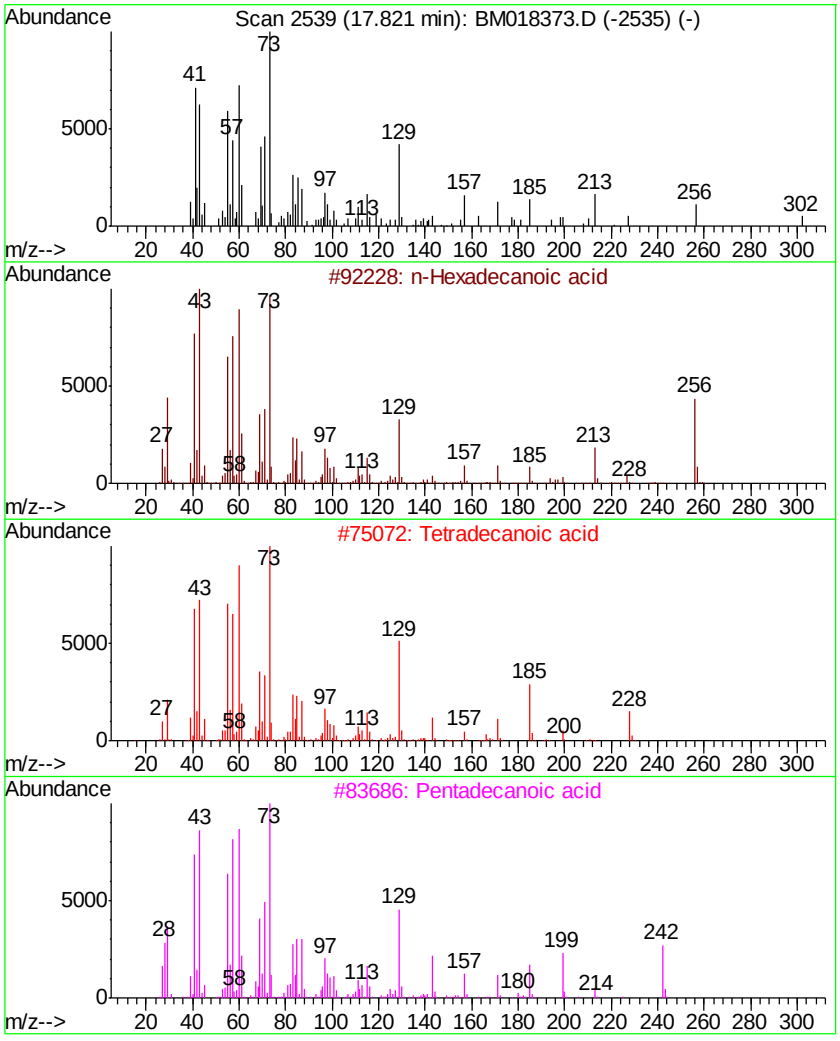
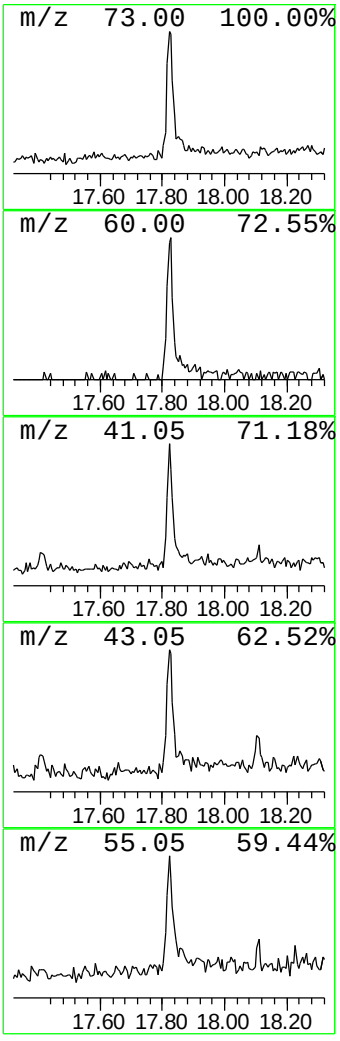
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.82	2.70 ng	163937	Phenanthrene-d10	16.91

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	58
4	Tridecanoic acid	214	C13H26O2	000638-53-9	53
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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ClientSampleId : SOIL-CUTTINGS

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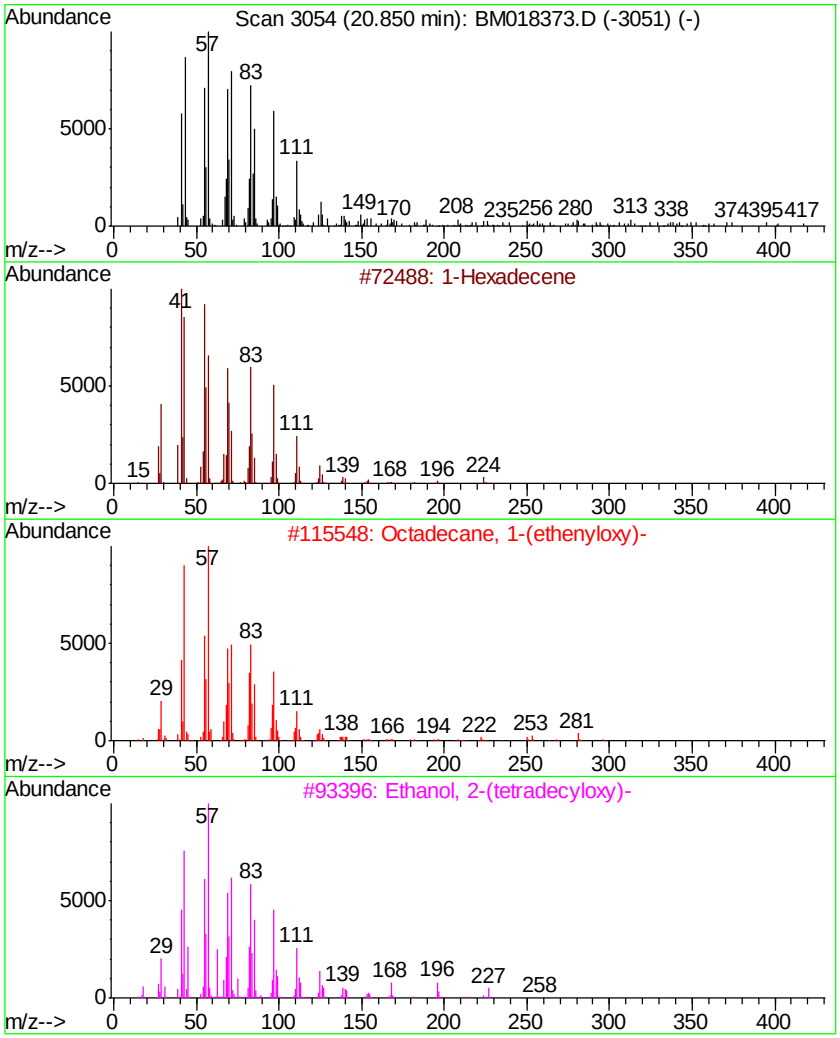
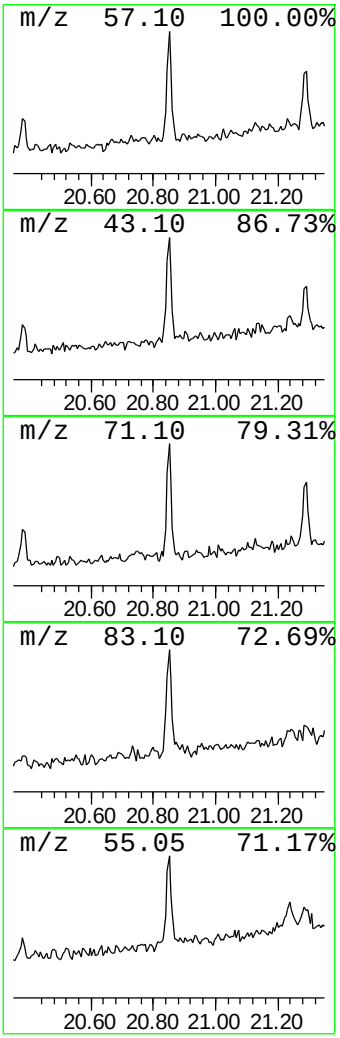
Peak Number 5 1-Hexadecene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.85	4.19 ng	253047	Chrysene-d12	21.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexadecene	224	C16H32	000629-73-2	95
2	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	94
3	Ethanol, 2-(tetradecyloxy)-	258	C16H34O2	002136-70-1	91
4	1-Nonadecene	266	C19H38	018435-45-5	78
5	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	78





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...	4.67	2.3	ng	97100	1	7.48	829721	20.0
unknown7.03	7.03	78.1	ng	3241120	1	7.48	829721	20.0
n-Hexadecanoic acid	17.82	2.7	ng	163937	4	16.91	1212690	20.0
1-Hexadecene	20.85	4.2	ng	253047	5	21.13	1208310	20.0