LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122118\
Data File : BM018369.D
Acq On : 21 Dec 2018 22:29
Operator : JU/SJ
Sample : J6493-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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	309	rBV	70643	102186	2.16%	0.278%
2	5.128	375	381	395	rBV	2176987	3100377	65.61%	8.433%
3	6.704	642	649	661	rBV	2116117	3445430	72.92%	9.372%
4	7.028	696	704	717	rBV	2216527	3518088	74.45%	9.569%
5	7.481	775	781	790	rVB	493110	766524	16.22%	2.085%
6	7.792	825	834	845	rBV	1554888	2490500	52.71%	6.774%
7	8.645	970	979	997	rBV	1184912	2038009	43.13%	5.543%
8	10.251	1245	1252	1261	rBV	594597	1008347	21.34%	2.743%
9	12.751	1670	1677	1692	rBV	2818096	4159432	88.03%	11.314%
10	13.616	1817	1824	1838	rBV	221189	362605	7.67%	0.986%
11	14.051	1892	1898	1908	rBV6	19195	48785	1.03%	0.133%
12	14.145	1908	1914	1921	rBV2	840219	1311810	27.76%	3.568%
13	15.663	2165	2172	2180	rBV	2453855	3389840	71.74%	9.220%
14	16.915	2378	2385	2389	rBV	1037021	1495738	31.65%	4.068%
15	16.957	2389	2392	2398	rVB	175558	241914	5.12%	0.658%
16	17.051	2405	2408	2412	rVB	42608	52339	1.11%	0.142%
17	17.827	2536	2540	2548	rBV3	216431	313812	6.64%	0.854%
18	18.992	2733	2738	2743	rBV	381394	518122	10.97%	1.409%
19	19.356	2796	2800	2804	rVB	265447	358919	7.60%	0.976%
20	19.398	2805	2807	2811	rVB	58126	60038	1.27%	0.163%
21	19.568	2831	2836	2842	rBV	3853314	4725219	100.00%	12.853%
22	20.856	3051	3055	3061	rBV3	458745	612444	12.96%	1.666%
23	21.139	3099	3103	3107	rBV	1034556	1368472	28.96%	3.722%
24	23.309	3467	3472	3477	rVB	734740	1275949	27.00%	3.471%

Sum of corrected areas: 36764899

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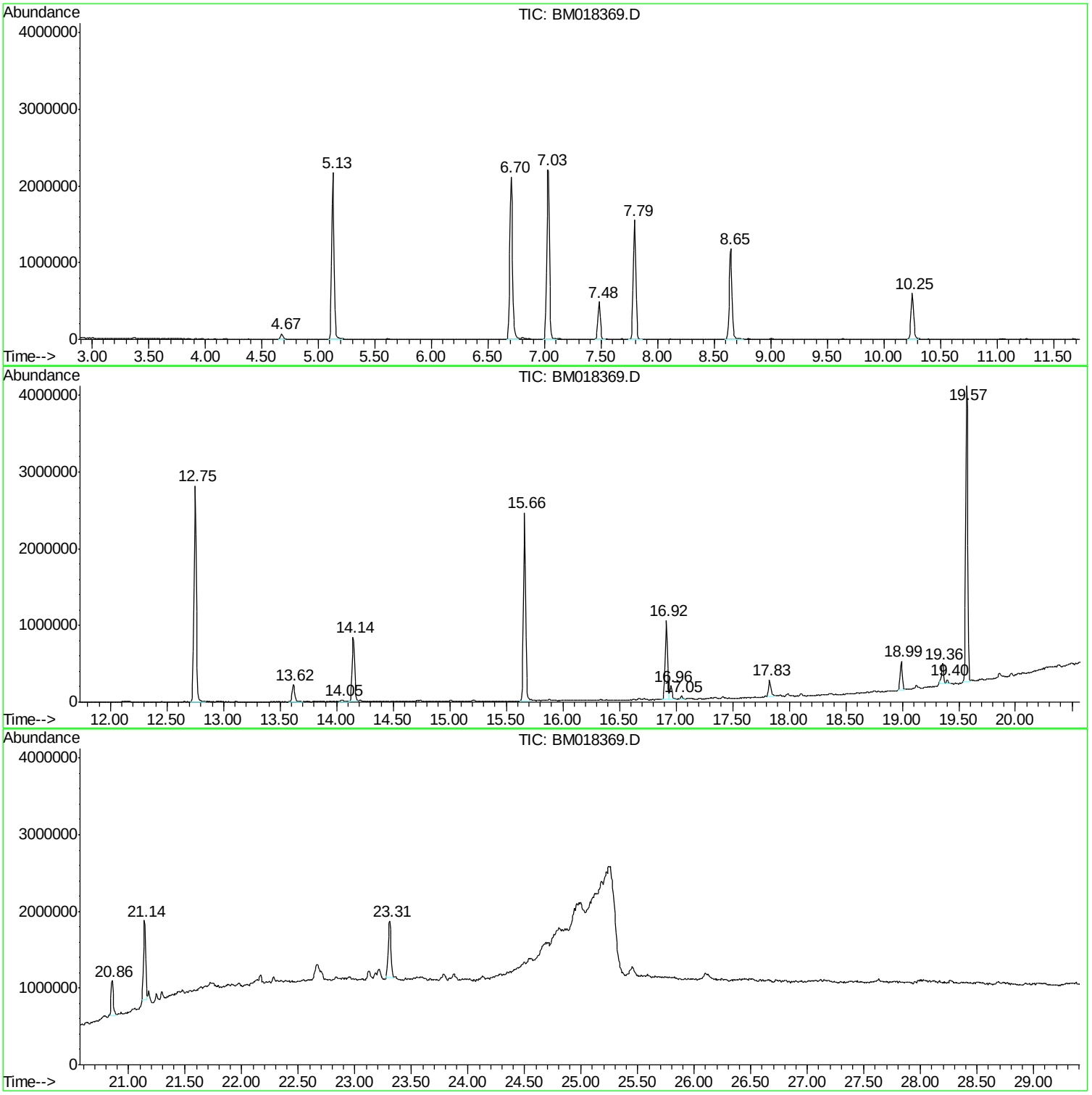
Instrument :
BNA_M
ClientSampleId :
SOIL-DRUM

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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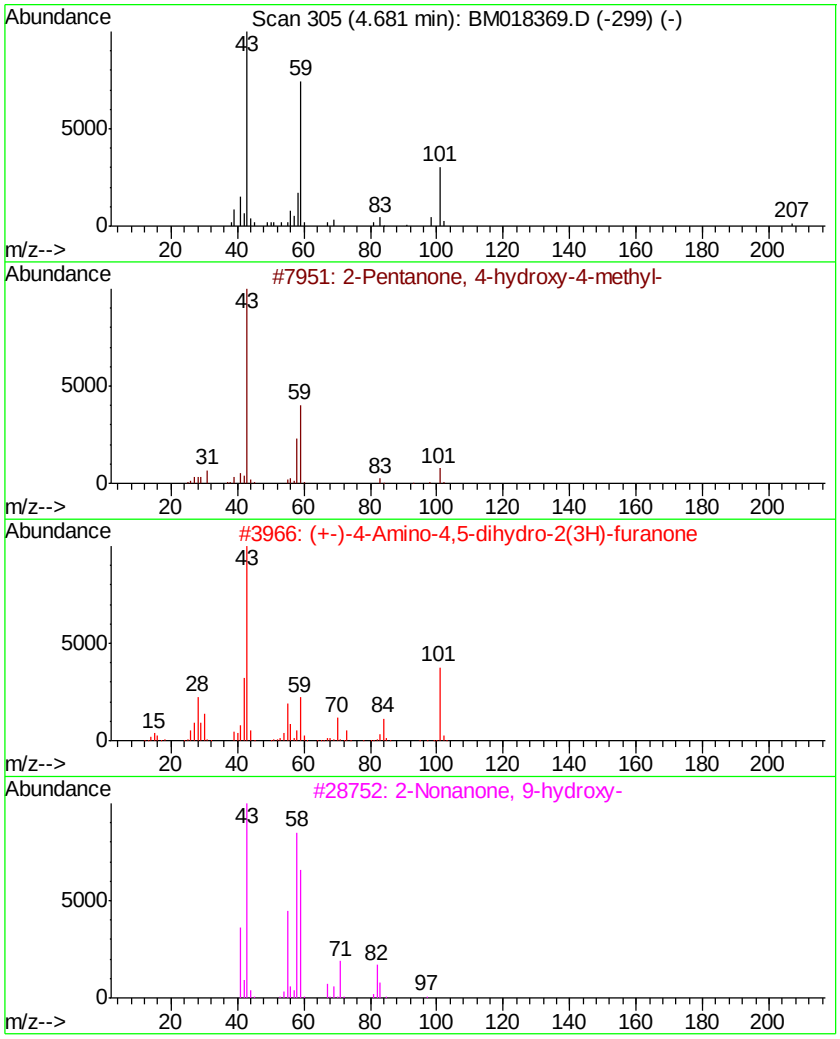
TIC Integration Parameters: LSCINT.P

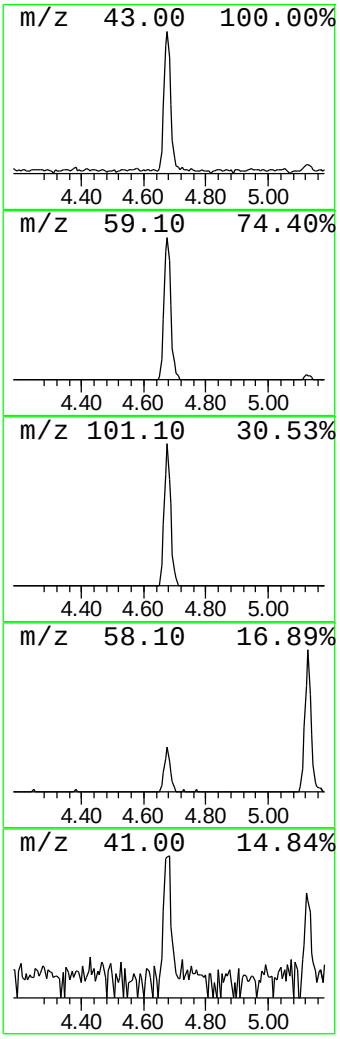
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.68	2.67 ng	102186	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	45
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3	2-Nonanone, 9-hydroxy-	158	C9H18O2	025368-56-3	28
4	1,3-Dioxane, 4,4-dimethyl-	116	C6H12O2	000766-15-4	25
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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
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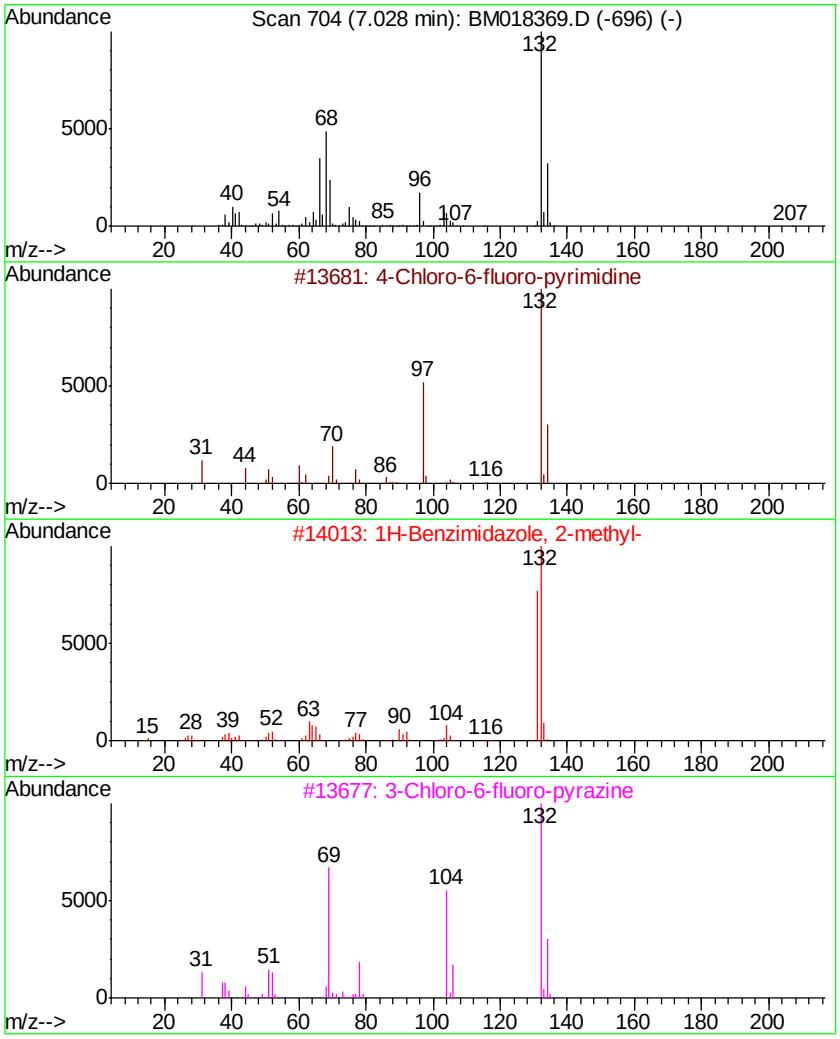
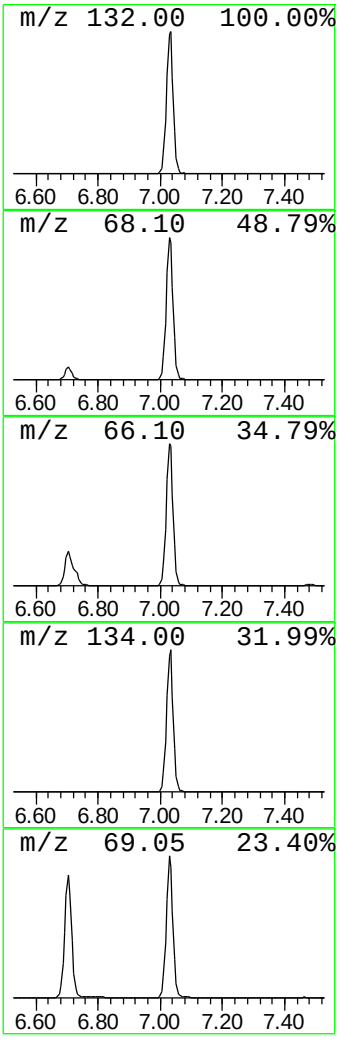
Peak Number 2 unknown7.03 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.03	91.79 ng	3518090	1,4-Dichlorobenzene-d4	7.48

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
4	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	13
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12





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Operator : JU/SJ
Sample : J6493-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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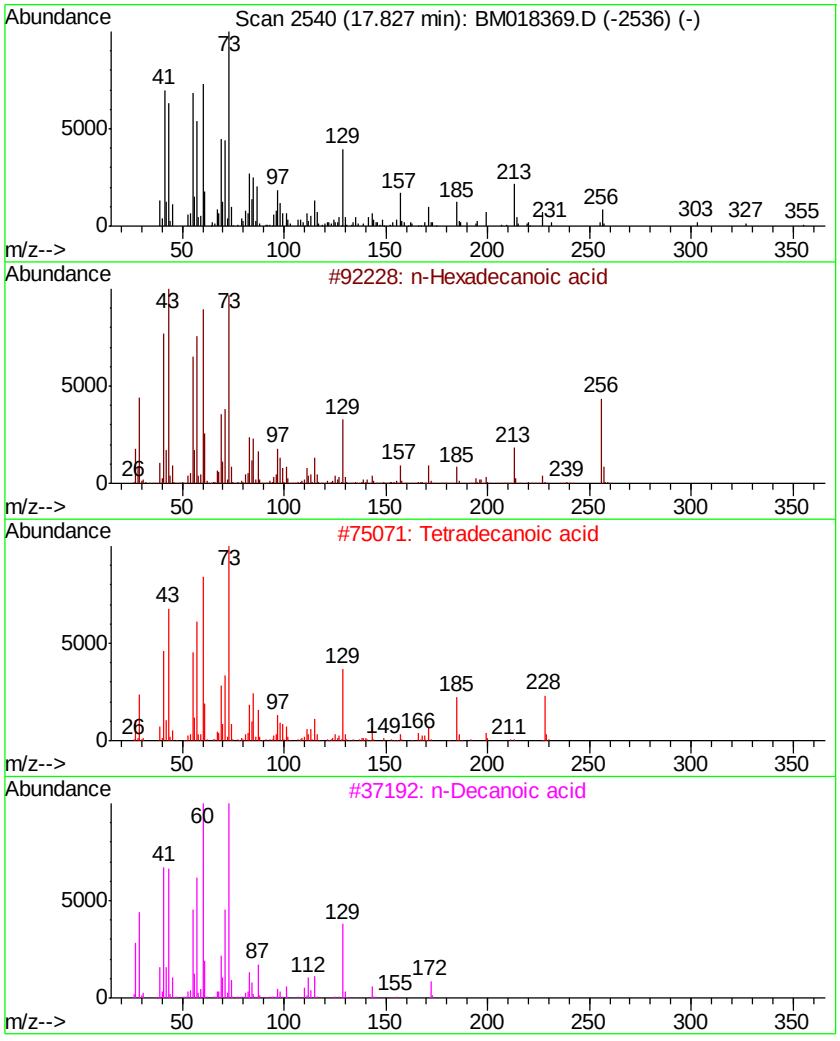
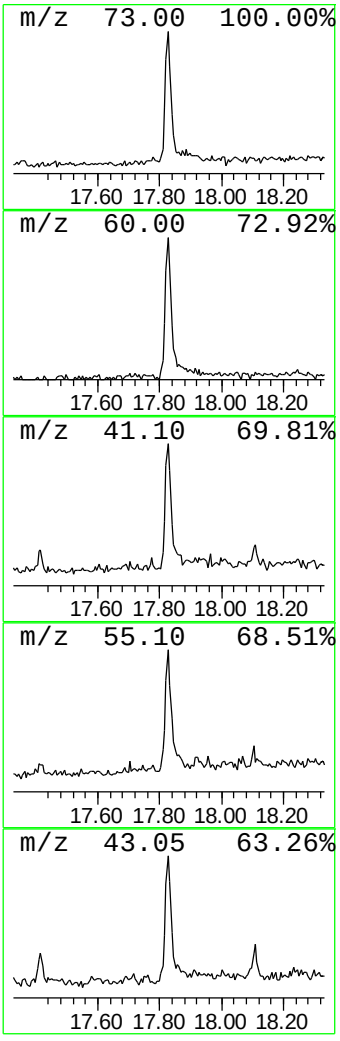
Peak Number 4 n-Hexadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.83	4.20 ng	313812	Phenanthrene-d10	16.92

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	74
3	n-Decanoic acid	172	C10H20O2	000334-48-5	70
4	Tridecanoic acid	214	C13H26O2	000638-53-9	68
5	Heptanoic acid	130	C7H14O2	000111-14-8	27





Library Search Compound Report

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Operator : JU/SJ
Sample : J6493-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SOIL-DRUM

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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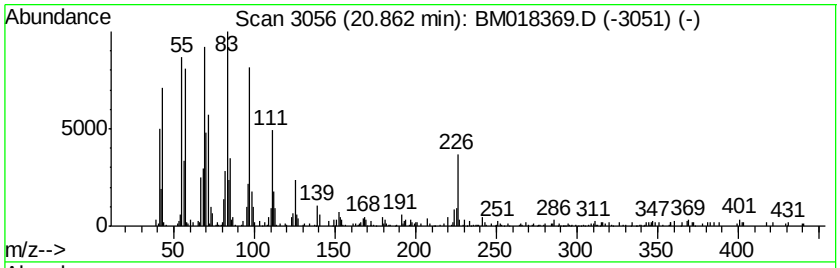
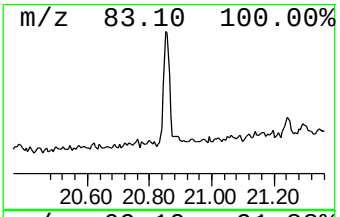
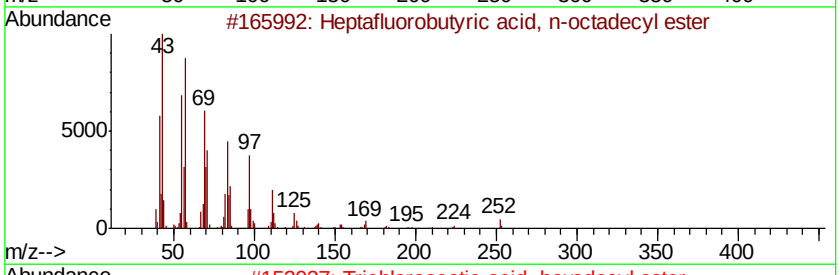
Peak Number 5 Heptafluorobutyric acid, n-... Concentration Rank 3

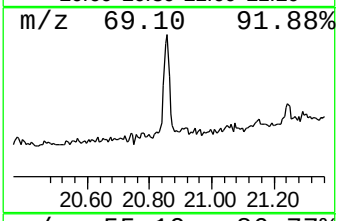
R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	8.95 ng	612444	Chrysene-d12	21.14

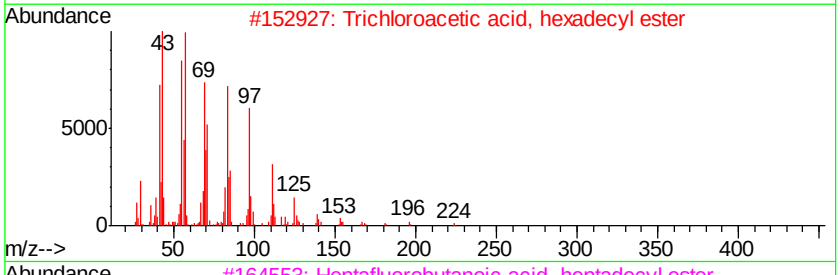
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptafluorobutyric acid, n-octad...	466	C22H37F7O2	000400-57-7	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	91
4	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	90
5	9-Eicosene, (E)-	280	C20H40	074685-29-3	90

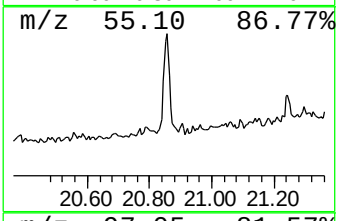


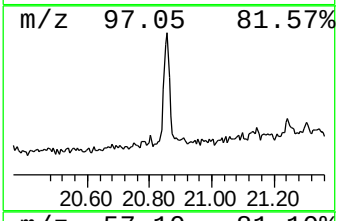


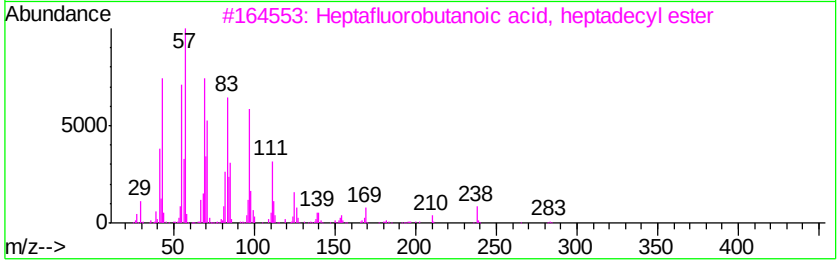


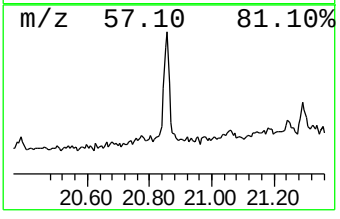












Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.68	2.7	ng	102186	1	7.48	766524	20.0
unknown7.03	7.03	91.8	ng	3518090	1	7.48	766524	20.0
n-Hexadecanoic acid	17.83	4.2	ng	313812	4	16.92	1495740	20.0
Heptafluorobutyri...	20.86	8.9	ng	612444	5	21.14	1368470	20.0