LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM081617\
Data File : BM011264.D
Acq On : 16 Aug 2017 21:09
Operator : SJ/JU
Sample : I4792-11
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TWP-01

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:\HPCHEM1\BNA_M\METHODS\8270-BM072617.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	4.469	282	286	293	rVB	94193	137944	2.30%	0.406%
2	4.916	357	362	374	rVB	686951	970099	16.19%	2.855%
3	6.475	622	627	636	rVB	389861	604673	10.09%	1.780%
4	6.816	679	685	694	rVB	1055879	1583651	26.43%	4.661%
5	7.275	754	763	769	rBV	590446	892800	14.90%	2.628%
6	7.587	808	816	824	rBV	1596432	2423147	40.44%	7.132%
7	8.422	952	958	967	rBV	1345304	2126184	35.48%	6.258%
8	10.034	1223	1232	1239	rBV	572590	1012590	16.90%	2.980%
9	10.875	1369	1375	1382	rBV6	44537	80749	1.35%	0.238%
10	12.545	1652	1659	1669	rBV	2741358	4064345	67.82%	11.963%
11	13.422	1802	1808	1816	rBV2	143025	218757	3.65%	0.644%
12	13.945	1889	1897	1906	rVB	839467	1300993	21.71%	3.829%
13	15.445	2147	2152	2165	rBV	1493390	2214829	36.96%	6.519%
14	16.704	2356	2366	2378	rBV	1232918	1788217	29.84%	5.263%
15	17.027	2414	2421	2428	rBV	87512	130491	2.18%	0.384%
16	17.133	2434	2439	2447	rVB10	44634	78805	1.32%	0.232%
17	17.645	2520	2526	2532	rBV	816704	1133739	18.92%	3.337%
18	17.704	2534	2536	2542	rVB	96237	125025	2.09%	0.368%
19	18.516	2670	2674	2680	rBV6	84486	134630	2.25%	0.396%
20	18.786	2716	2720	2724	rBV6	84852	143005	2.39%	0.421%
21	18.816	2724	2725	2736	rVB9	70564	101296	1.69%	0.298%
22	18.945	2742	2747	2755	rBV2	893186	1203346	20.08%	3.542%
23	19.374	2813	2820	2828	rBV	4856992	5992481	100.00%	17.638%
24	20.039	2929	2933	2936	rBV5	48115	76364	1.27%	0.225%
25	20.686	3039	3043	3048	rBV4	209070	346835	5.79%	1.021%
26	20.739	3049	3052	3057	rVB2	106578	149350	2.49%	0.440%
27	20.927	3079	3084	3089	rBV	2061189	2566925	42.84%	7.555%
28	22.998	3430	3436	3447	rVB	1391342	2373301	39.60%	6.986%

Sum of corrected areas: 33974571

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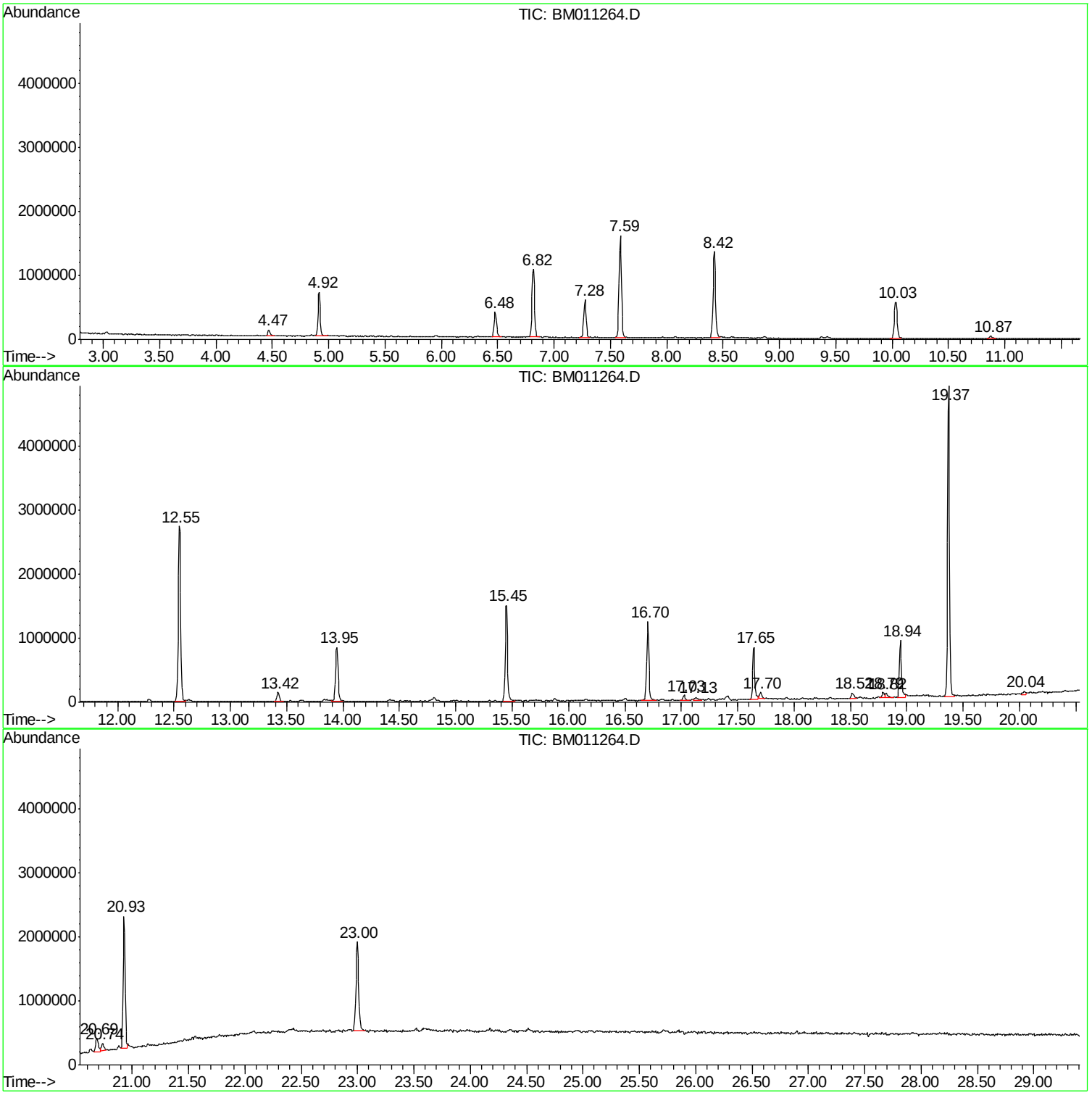
BNA_M
ClientSampleId :
TWP-01

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\8270-BM072617.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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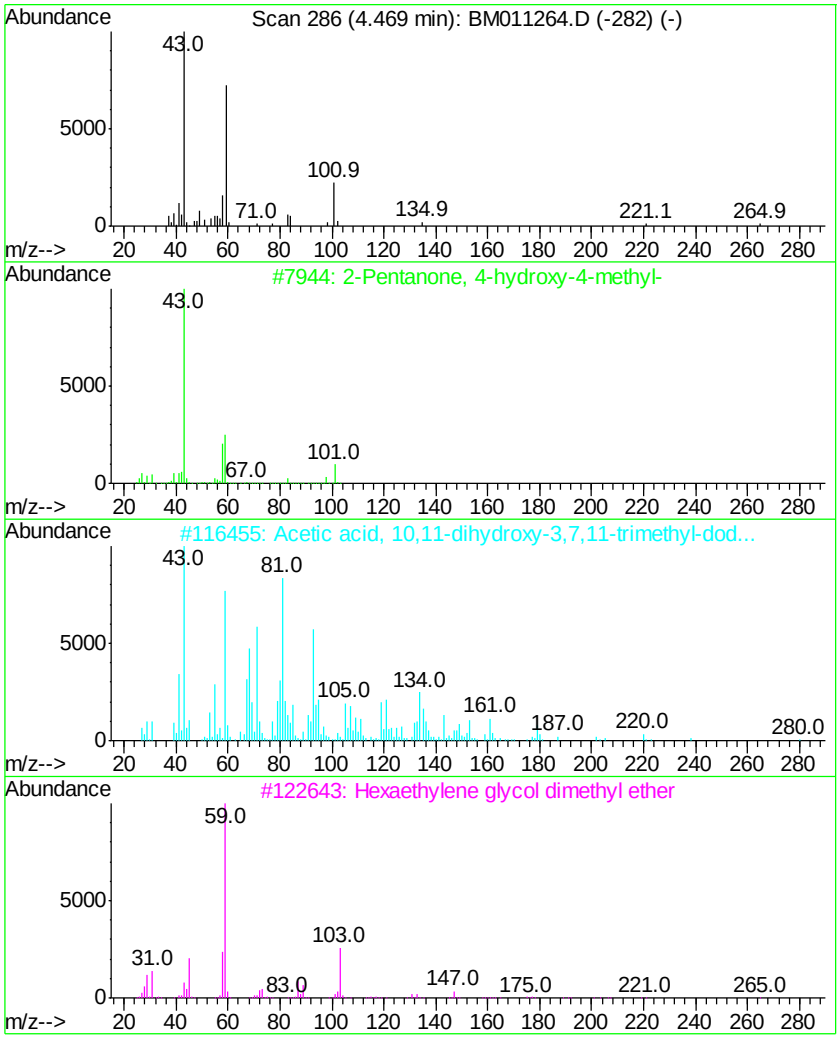
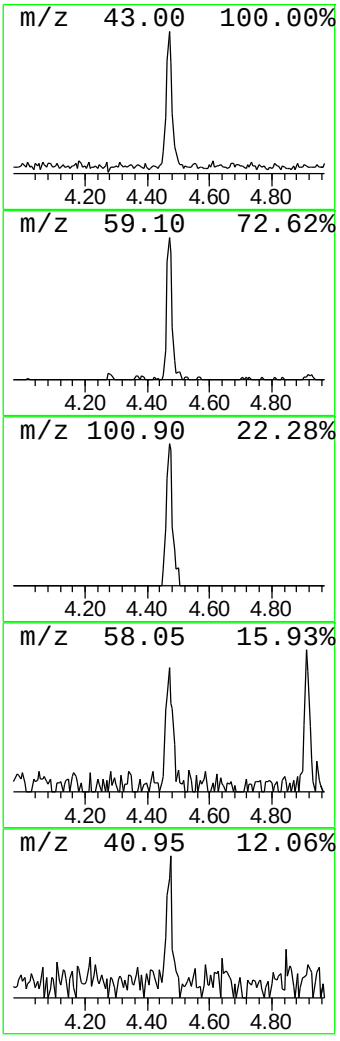
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.47	3.09 ng	137944	1,4-Dichlorobenzene-d4	7.28

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, 10,11-dihydroxy-3,7...	298	C17H30O4	1000194-28-5	23
3	Hexaethylene glycol dimethyl ether	310	C14H30O7	001072-40-8	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	12
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	12





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Instrument : BNA_M
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TIC Library : C:\DATABASE\NIST02.L
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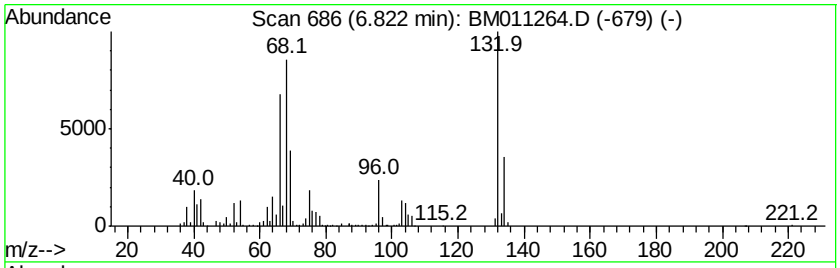
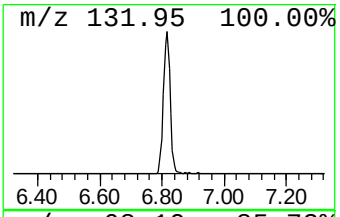
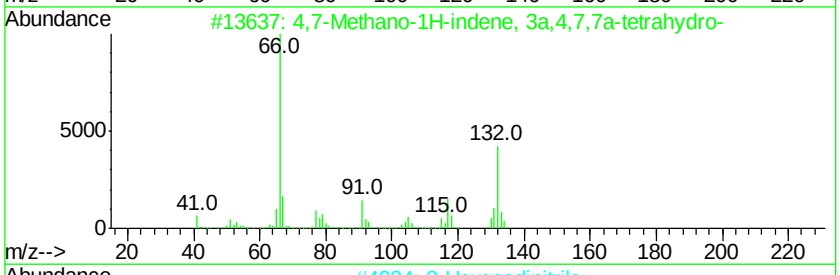
Peak Number 2 unknown6.82 Concentration Rank 2

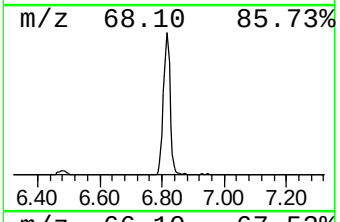
R.T.	EstConc	Area	Relative to ISTD	R.T.
6.82	35.48 ng	1583650	1,4-Dichlorobenzene-d4	7.28

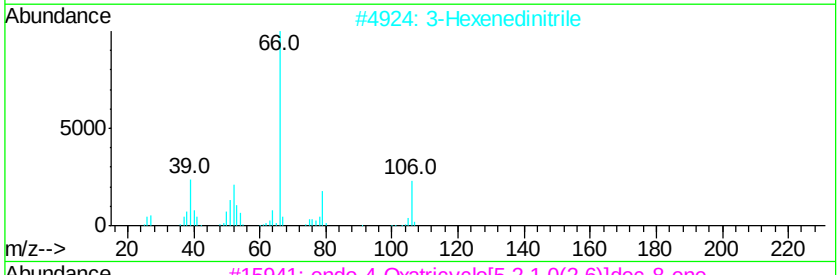
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4,7-Methano-1H-indene, 3a,4,7,7a...	132	C10H12	000077-73-6	38
2	3-Hexenedinitrile	106	C6H6N2	001119-85-3	27
3	endo-4-Oxatricyclo[5.2.1.0(2,6)]...	136	C9H12O	001528-23-0	16
4	5-Norbornene-2-methanol	124	C8H12O	000095-12-5	16
5	Silane, bicyclo[2.2.1]hept-5-en-...	226	C7H9Cl3Si	014319-64-3	16

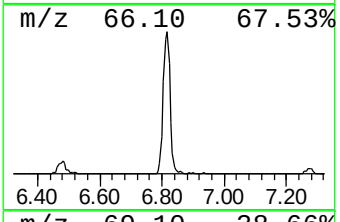


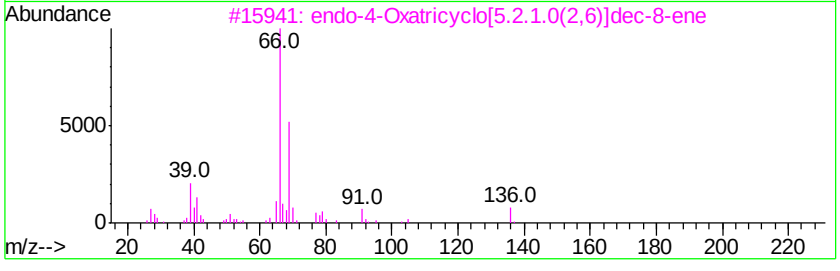


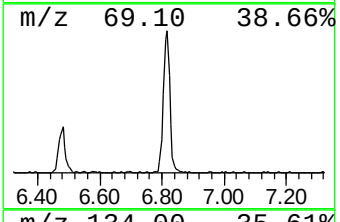


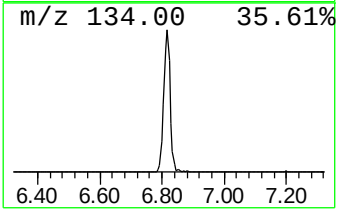












Library Search Compound Report

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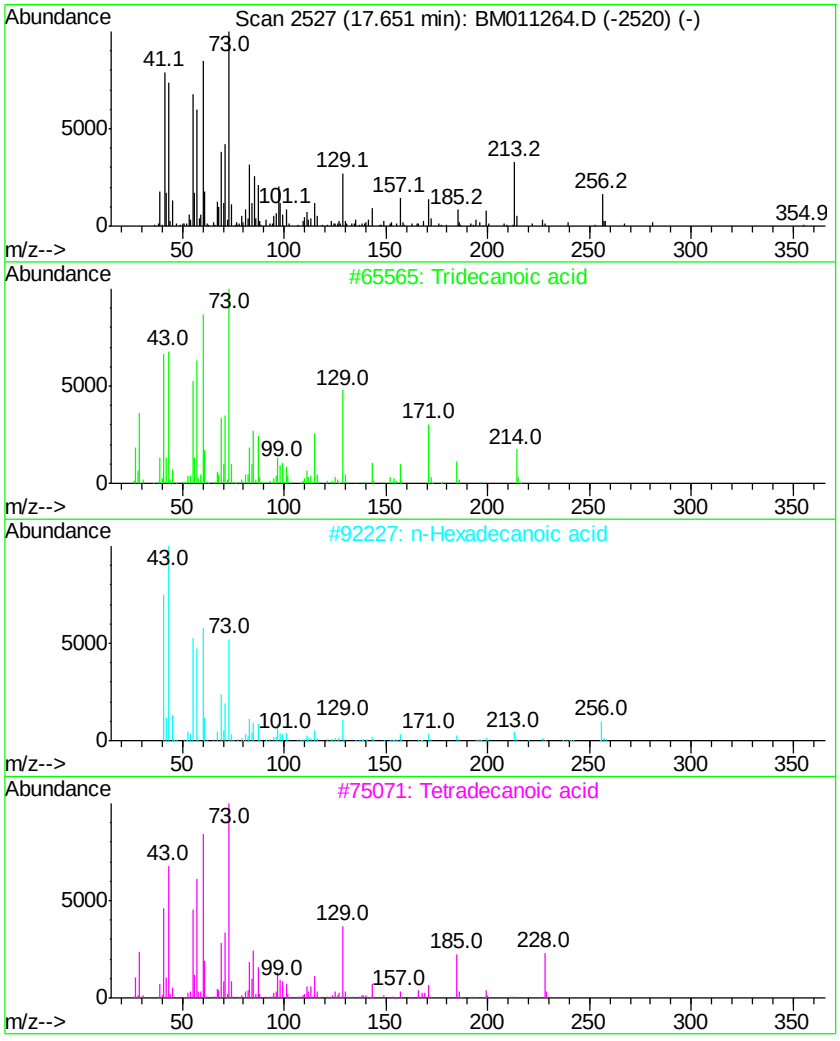
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

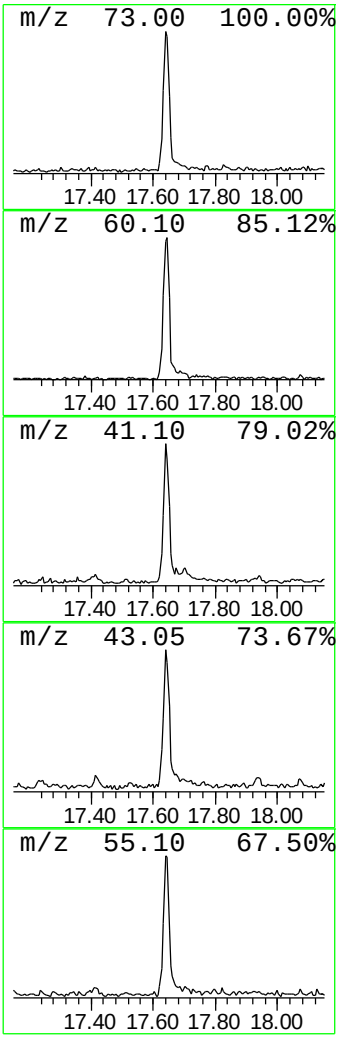
****

Peak Number 4 Tridecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.65	12.68 ng	1133740	Phenanthrene-d10	16.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	95
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	76
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	74
5	n-Decanoic acid	172	C10H20O2	000334-48-5	62





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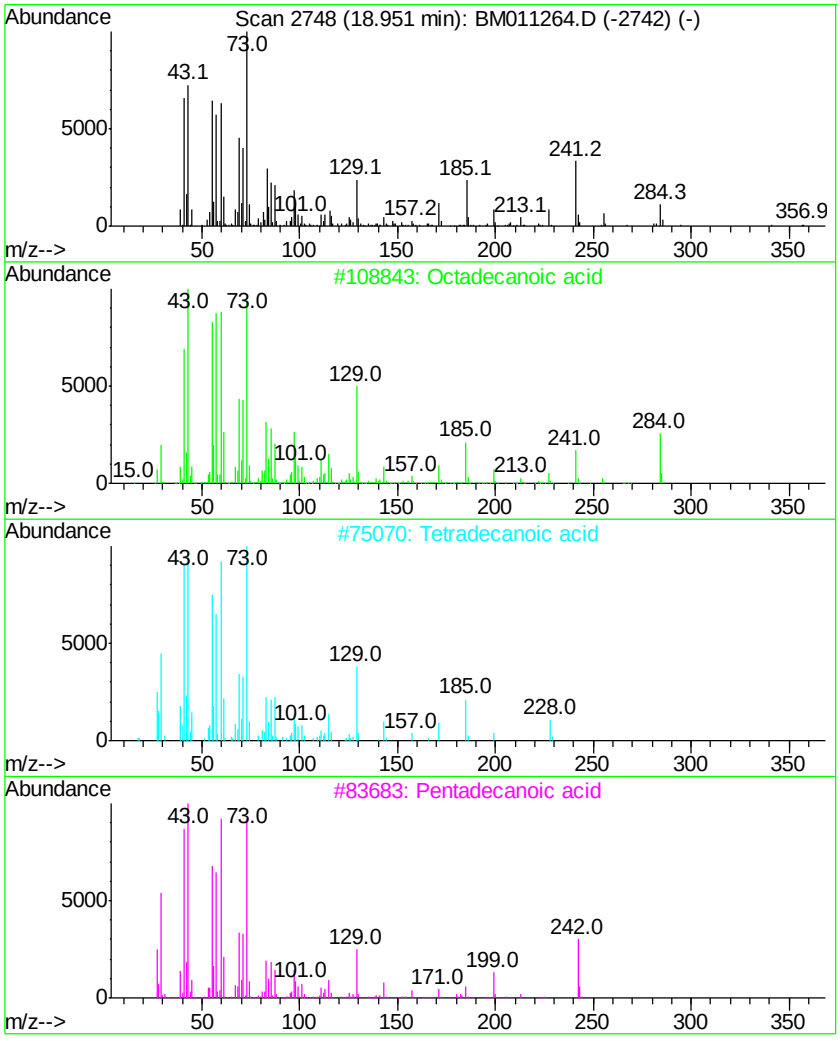
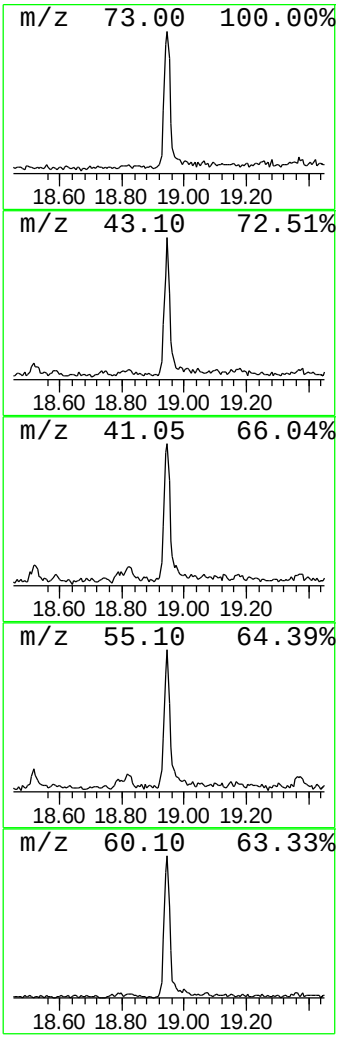
****

Peak Number 5 Octadecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.95	9.38 ng	1203350	Chrysene-d12	20.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	64
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Tridecanoic acid	214	C13H26O2	000638-53-9	47
5	Undecanoic acid	186	C11H22O2	000112-37-8	47





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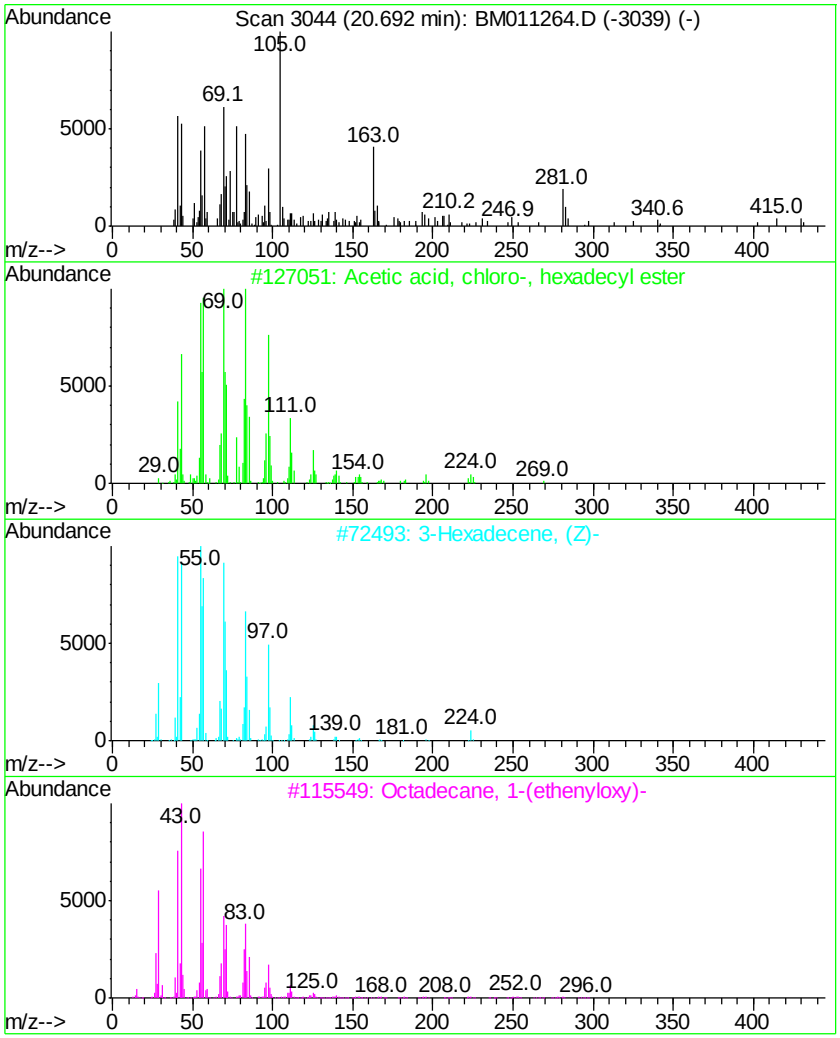
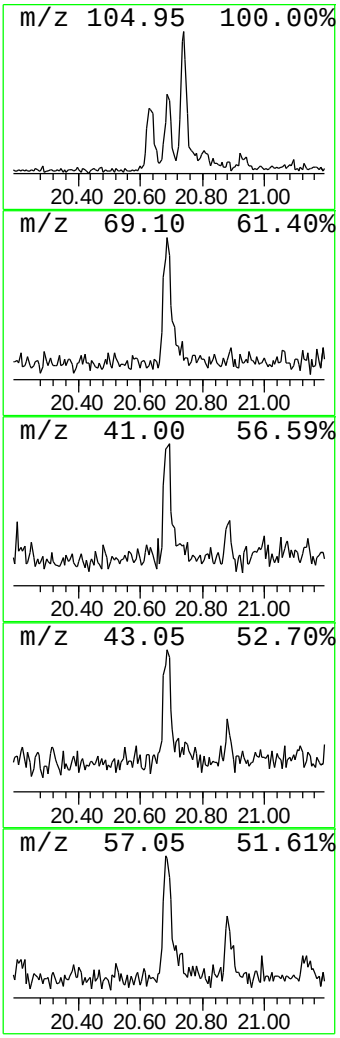
****

Peak Number 6 Acetic acid, chloro-, hexad... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.69	2.70 ng	346835	Chrysene-d12	20.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Acetic acid, chloro-, hexadecyl ...	318	C18H35ClO2	052132-58-8	58
2	3-Hexadecene, (Z)-	224	C16H32	034303-81-6	55
3	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	53
4	Bromoacetic acid, 2-pentadecyl e...	348	C17H33BrO2	1000282-00-9	52
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	52





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...	4.47	3.1	ng	137944	1	7.28	892800	20.0
unknown6.82	6.82	35.5	ng	1583650	1	7.28	892800	20.0
Tridecanoic acid	17.65	12.7	ng	1133740	4	16.70	1788220	20.0
Octadecanoic acid	18.95	9.4	ng	1203350	5	20.93	2566930	20.0
Acetic acid, chlo...	20.69	2.7	ng	346835	5	20.93	2566930	20.0