LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102715\
Data File : BF082568.D
Acq On : 28 Oct 2015 1:48
Operator : UM/IZ
Sample : G4178-03
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S3-BOILERROOM2.5FTDEEP

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_F\METHODS\8270-BF102615.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	4.880	237	240	255	rVB	595553	1155882	47.17%	5.464%
2	5.314	276	278	281	rBV	1444802	2133624	87.06%	10.086%
3	6.377	369	371	373	rBV	2023786	2236358	91.26%	10.572%
4	6.480	378	380	383	rBV	1948624	2208381	90.11%	10.439%
5	6.709	398	400	405	rBV	516807	466212	19.02%	2.204%
6	6.869	411	414	416	rBV	1393439	1842658	75.19%	8.710%
7	7.292	448	451	453	rBV	1063021	1442032	58.84%	6.817%
8	8.000	511	513	515	rBV	598889	604456	24.67%	2.857%
9	9.075	604	607	610	rBV	2220273	2450634	100.00%	11.584%
10	9.475	640	642	645	rBV	471900	454072	18.53%	2.146%
11	9.749	664	666	669	rBV	756935	697706	28.47%	3.298%
12	10.183	699	704	705	rBV2	20587	34268	1.40%	0.162%
13	10.549	733	736	738	rBV	1153495	1396713	56.99%	6.602%
14	10.652	743	745	750	rVB	40638	50125	2.05%	0.237%
15	11.098	782	784	785	rBV	33868	29000	1.18%	0.137%
16	11.235	794	796	800	rBV	711177	662185	27.02%	3.130%
17	11.463	813	816	819	rBV2	22694	33664	1.37%	0.159%
18	11.772	841	843	849	rBV	61206	79167	3.23%	0.374%
19	12.446	901	902	904	rBV	30500	27429	1.12%	0.130%
20	12.823	932	935	937	rBV	2005315	2063262	84.19%	9.753%
21	13.715	1010	1013	1022	rBV	81481	119722	4.89%	0.566%
22	13.875	1022	1027	1029	rBV	464954	485676	19.82%	2.296%
23	14.709	1097	1100	1102	rBV	18827	25390	1.04%	0.120%
24	15.281	1148	1150	1155	rBV	352090	455864	18.60%	2.155%

Sum of corrected areas: 21154480

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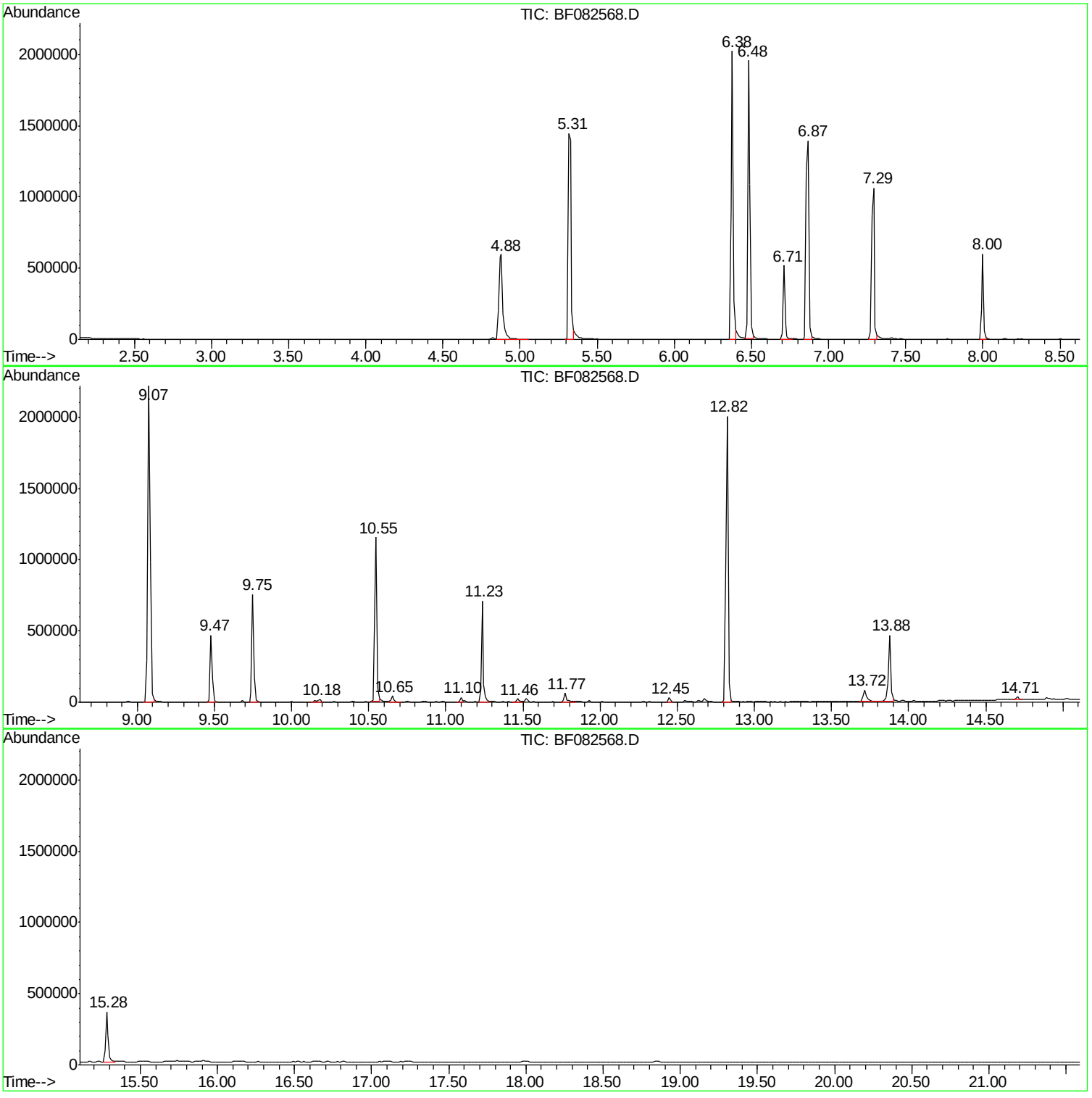
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF102615.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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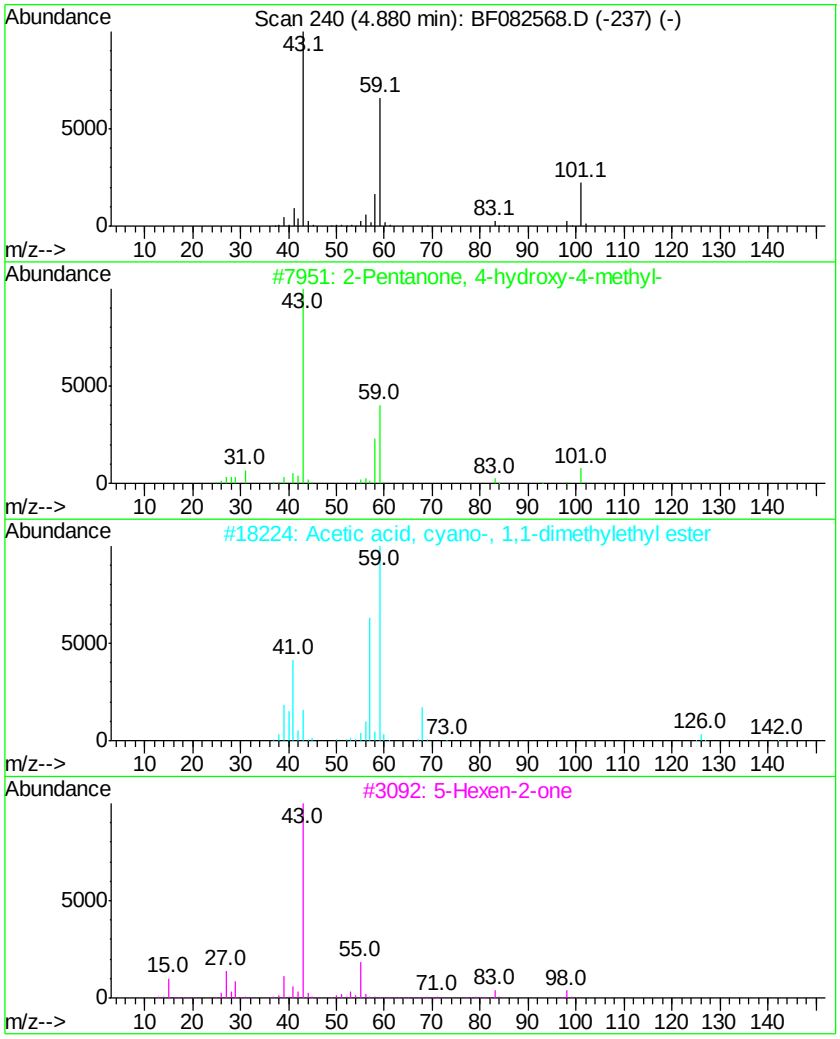
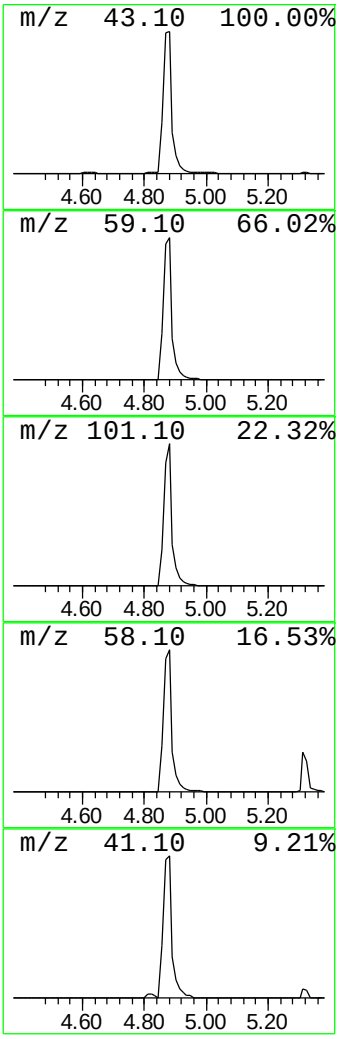
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	49.59 ng	1155880	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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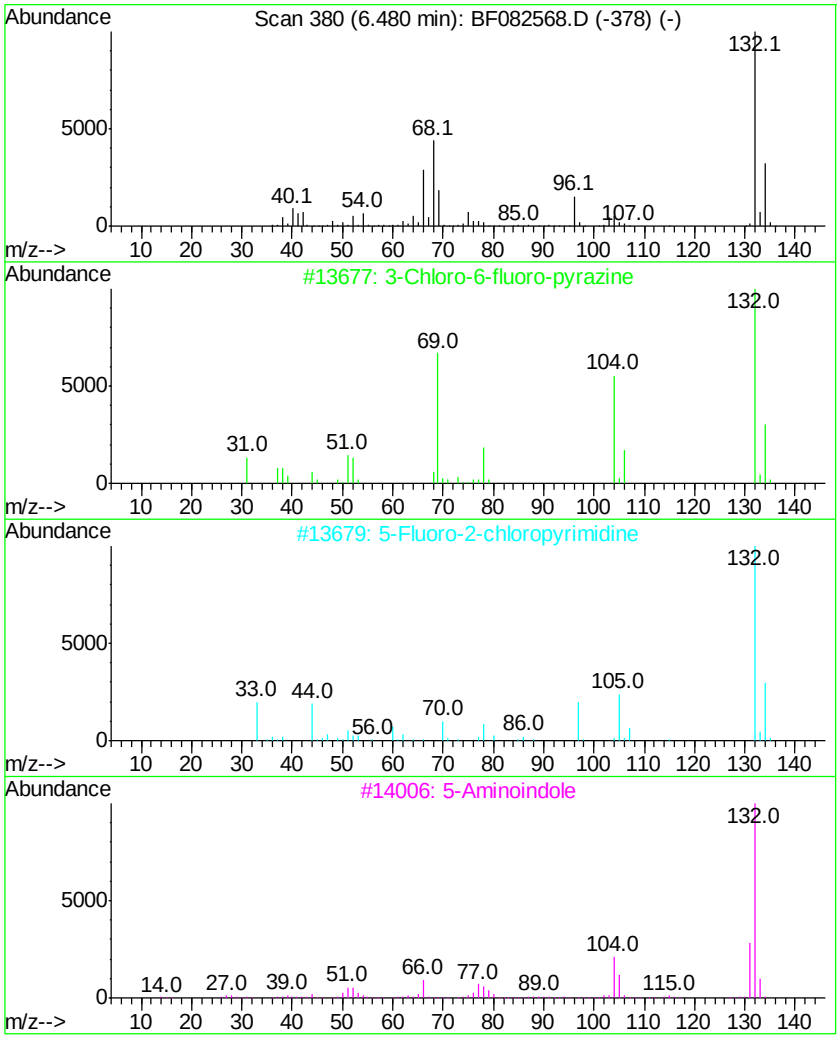
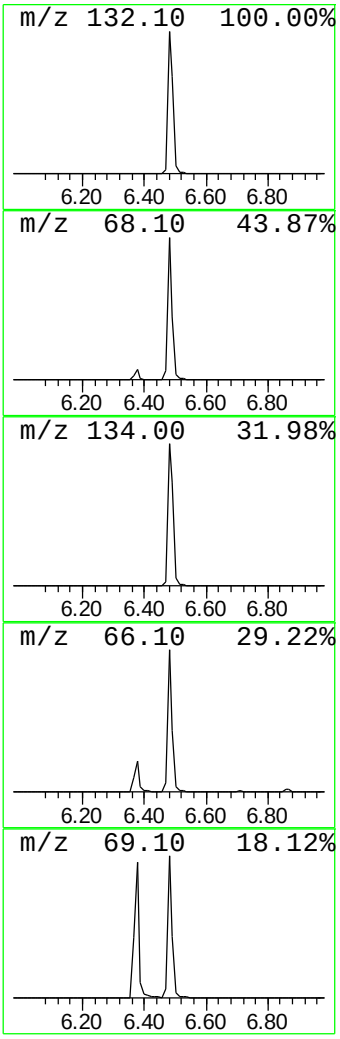
Peak Number 2 unknown6.48 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.48	94.74 ng	2208380	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9





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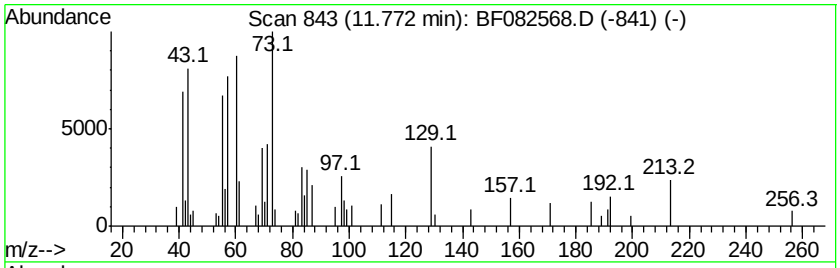
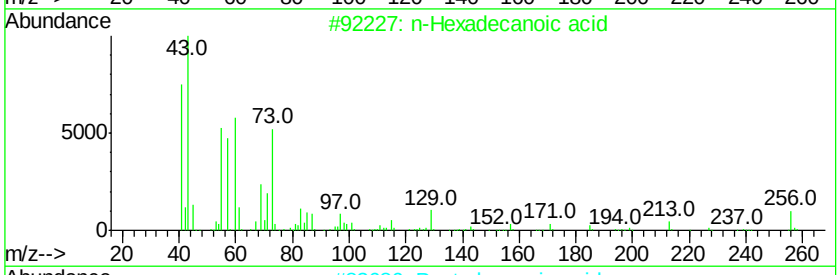
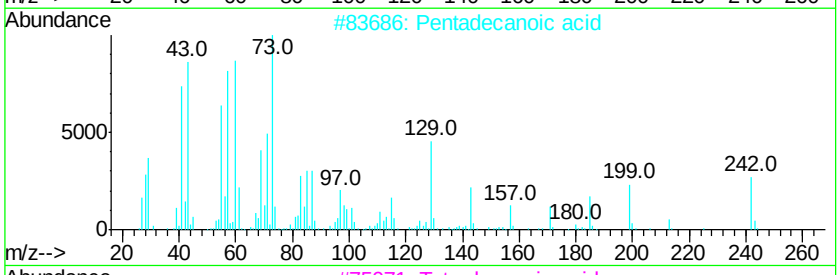
Peak Number 4 n-Hexadecanoic acid Concentration Rank 5

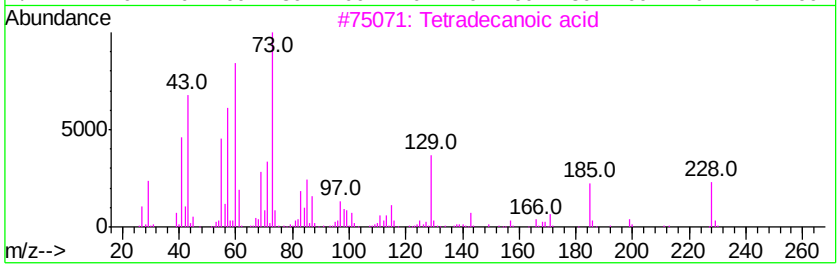
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.77	2.39 ng	79167	Phenanthrene-d10	11.23

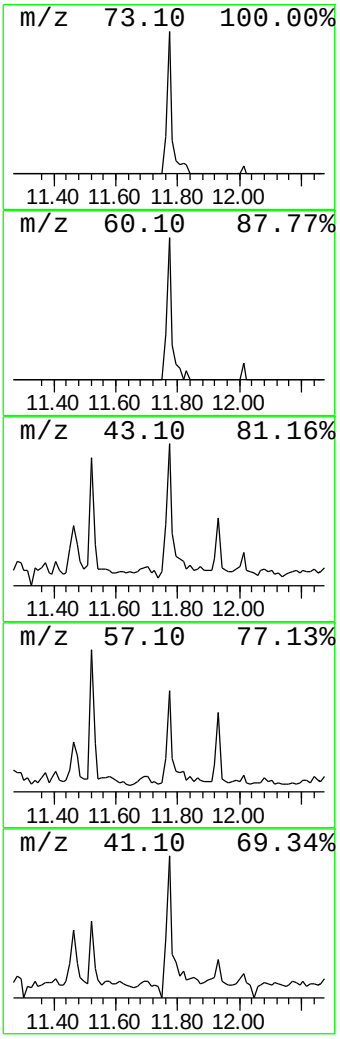
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	87
3	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	59
5	Dodecanoic acid	200	C12H24O2	000143-07-7	58











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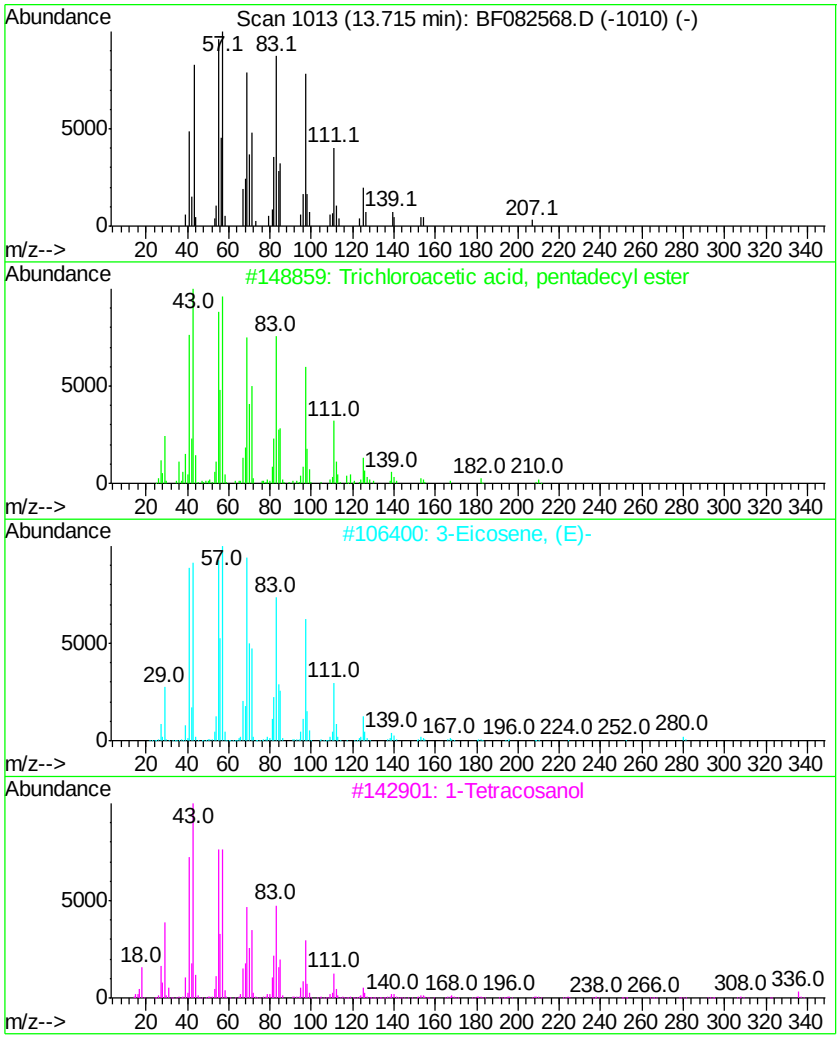
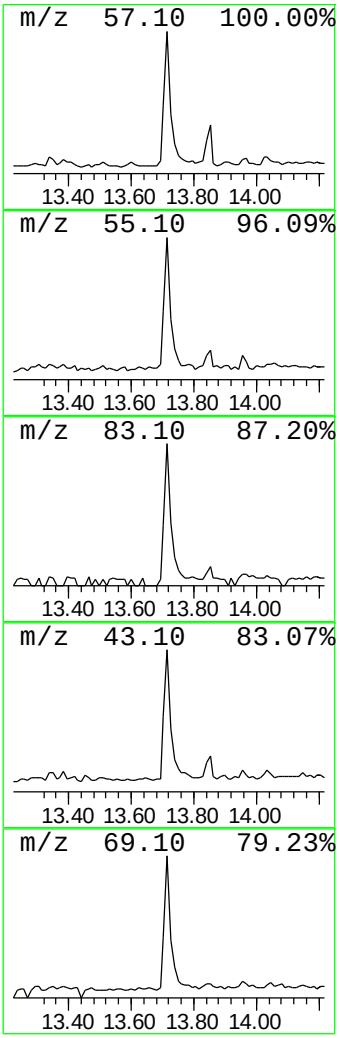
Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.72	4.93 ng	119722	Chrysene-d12	13.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	1-Tetracosanol	354	C24H50O	000506-51-4	87
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83
5	5-Eicosene, (E)-	280	C20H40	074685-30-6	81





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...	4.88	49.6	ng	1155880	1	6.71	466212	20.0
unknown6.48	6.48	94.7	ng	2208380	1	6.71	466212	20.0
n-Hexadecanoic acid	11.77	2.4	ng	79167	4	11.23	662185	20.0
Trichloroacetic a...	13.72	4.9	ng	119722	5	13.88	485676	20.0