LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090115\
Data File : BF081330.D
Acq On : 2 Sep 2015 4:51
Operator : UM/IZ
Sample : G3480-05
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : COFF-3-13(0-2)

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-BF090115.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	4.456	247	251	264	rVB	706533	1427565	65.19%	7.367%
2	4.947	290	294	296	rBV	1500337	2155325	98.42%	11.122%
3	6.056	388	391	393	rBV	1890263	2175572	99.34%	11.226%
4	6.159	397	400	402	rBV	1798369	2189946	100.00%	11.301%
5	6.387	418	420	422	rVB	443521	370767	16.93%	1.913%
6	6.547	431	434	436	rBV	1252340	1484018	67.77%	7.658%
7	6.959	468	470	473	rBV	942953	1331850	60.82%	6.873%
8	7.679	530	533	535	rBV	449545	468812	21.41%	2.419%
9	8.639	614	617	619	rBV	21593	23108	1.06%	0.119%
10	8.765	624	628	630	rBV	1514764	2100160	95.90%	10.837%
11	9.165	660	663	665	rBV	255101	266216	12.16%	1.374%
12	9.416	683	685	687	rBV	613424	512827	23.42%	2.646%
13	10.194	751	753	756	rBV2	884603	1184194	54.07%	6.111%
14	10.354	764	767	770	rBV	19879	25057	1.14%	0.129%
15	10.879	811	813	815	rBV	626381	516054	23.56%	2.663%
16	11.154	835	837	841	rBV2	16768	31524	1.44%	0.163%
17	11.222	841	843	845	rVB	17420	22240	1.02%	0.115%
18	11.451	861	863	867	rBV2	71377	114416	5.22%	0.590%
19	12.319	937	939	942	rVB	37109	36939	1.69%	0.191%
20	12.468	949	952	954	rBV	1787777	1683557	76.88%	8.688%
21	13.028	998	1001	1003	rBV	18992	25782	1.18%	0.133%
22	13.394	1030	1033	1039	rBV	183893	361639	16.51%	1.866%
23	13.485	1039	1041	1044	rBV	442560	409076	18.68%	2.111%
24	14.011	1085	1087	1095	rBV2	18708	39681	1.81%	0.205%
25	14.800	1154	1156	1158	rBV	307694	313291	14.31%	1.617%
26	15.245	1193	1195	1204	rVB3	27682	83521	3.81%	0.431%
27	16.091	1264	1269	1276	rVB3	5838	25823	1.18%	0.133%

Sum of corrected areas: 19378960

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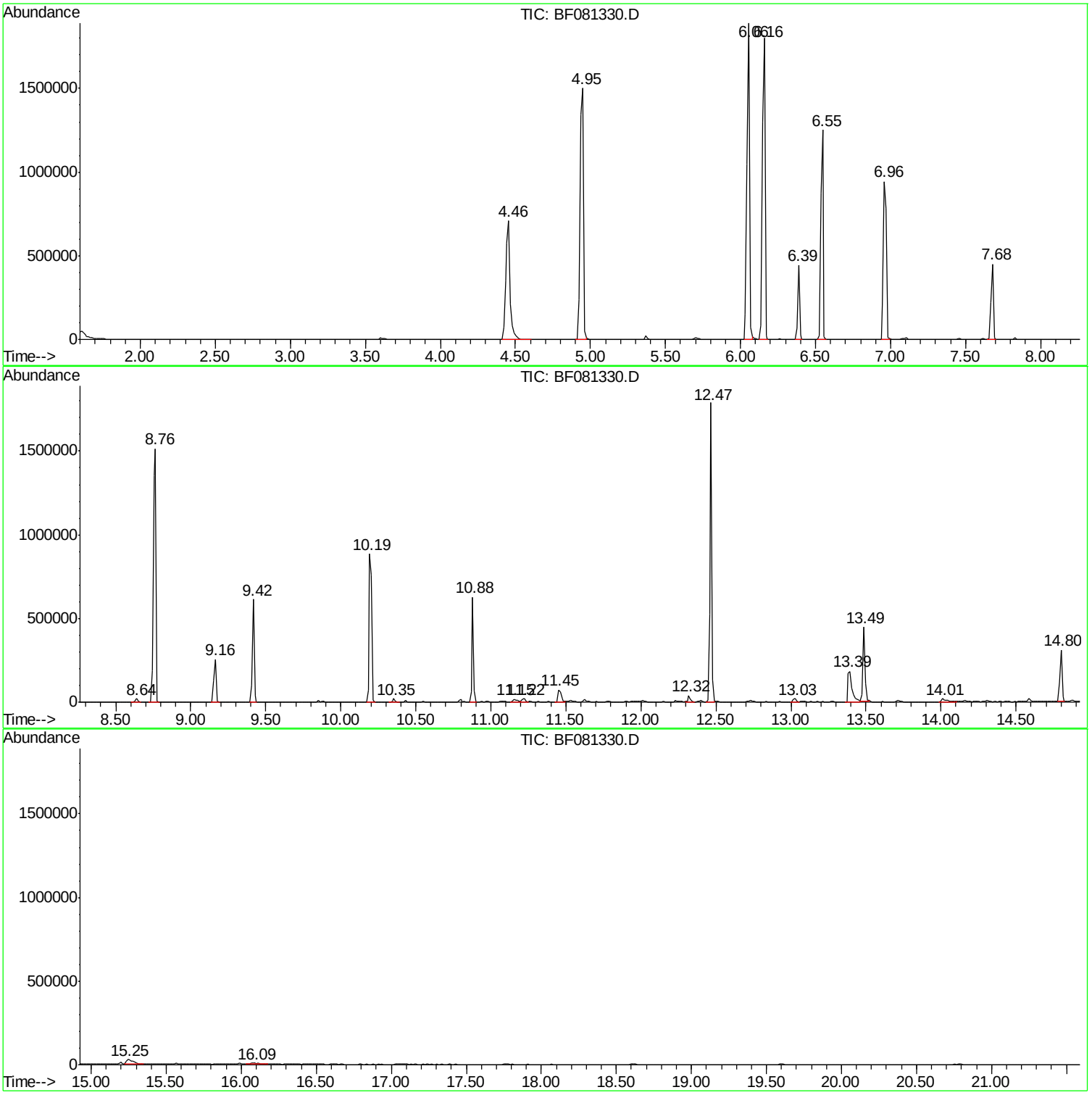
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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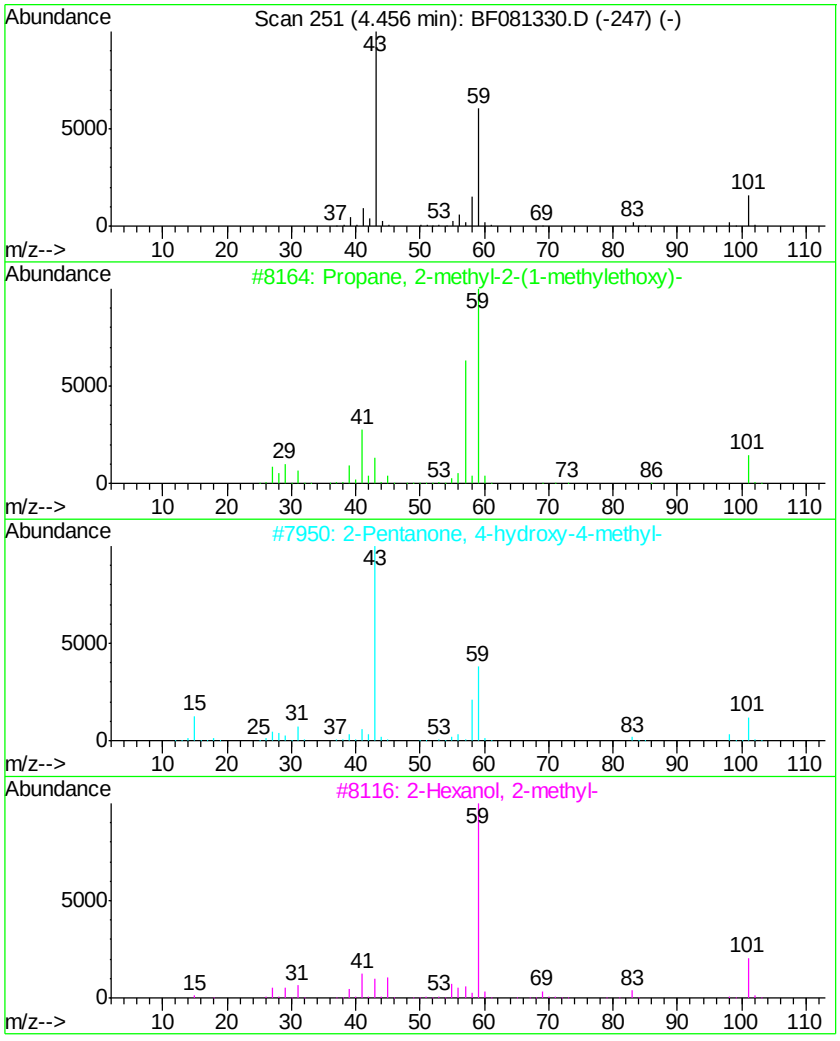
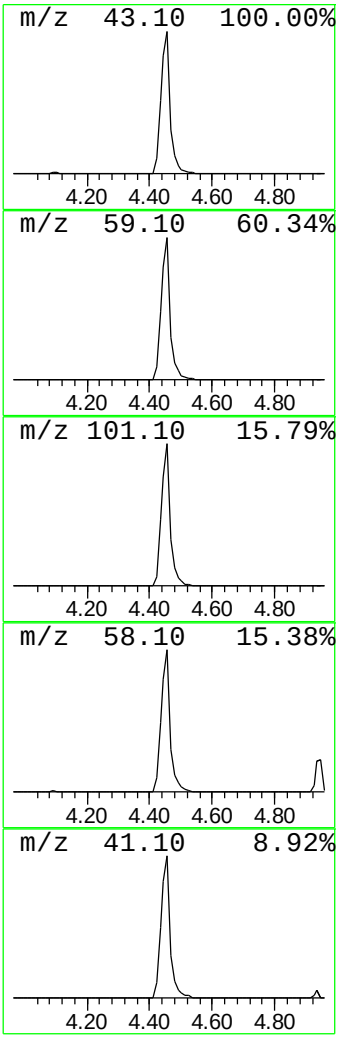
Peak Number 1 unknown4.46 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.46	77.01 ng	1427570	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23





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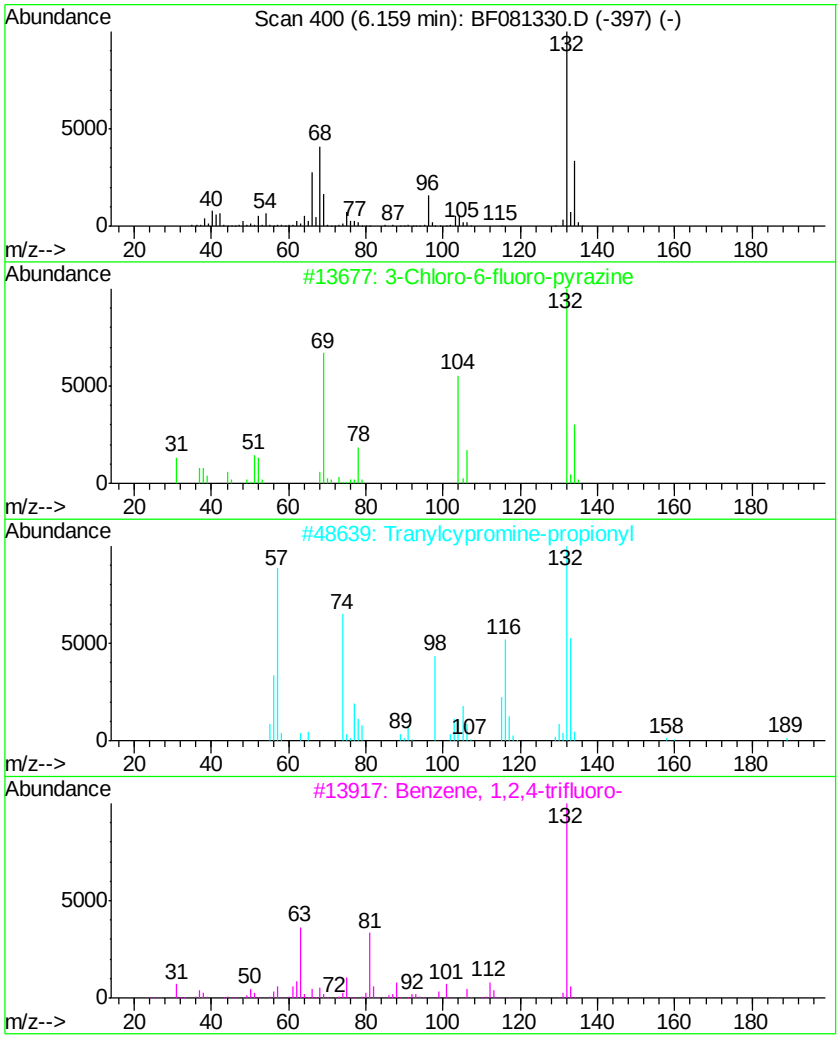
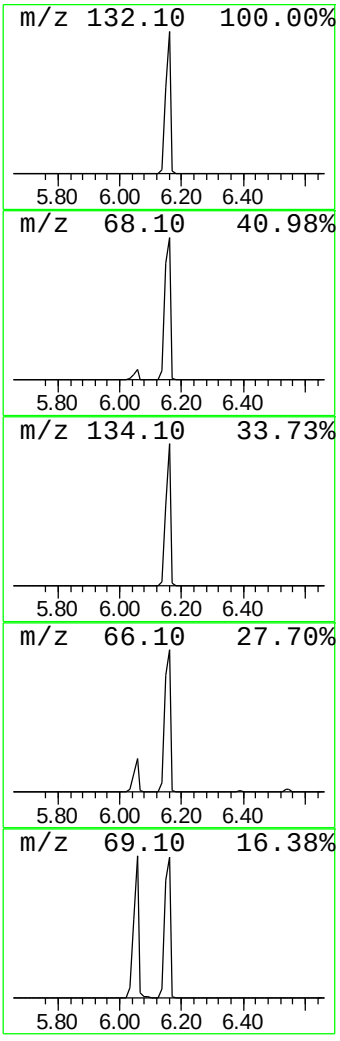
Peak Number 2 unknown6.16 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	118.13 ng	2189950	1,4-Dichlorobenzene-d4	6.39

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	Benzene, 1,2,4-trifluoro-	132	C6H3F3	000367-23-7	9
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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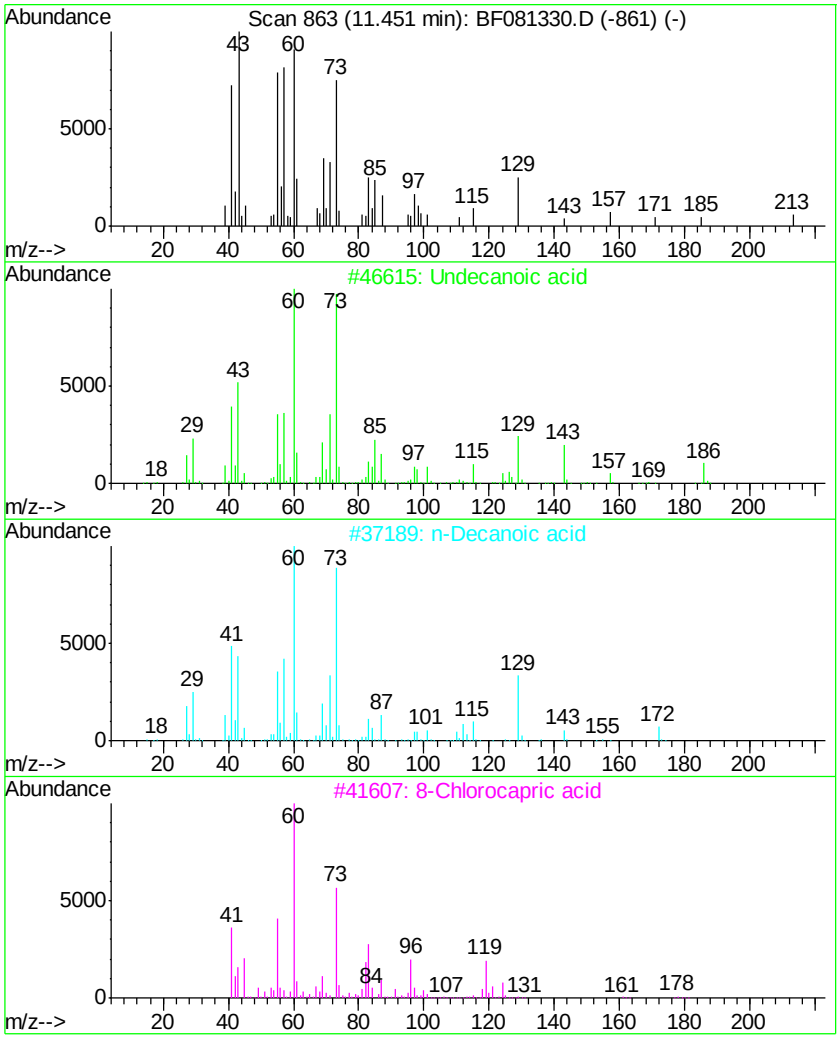
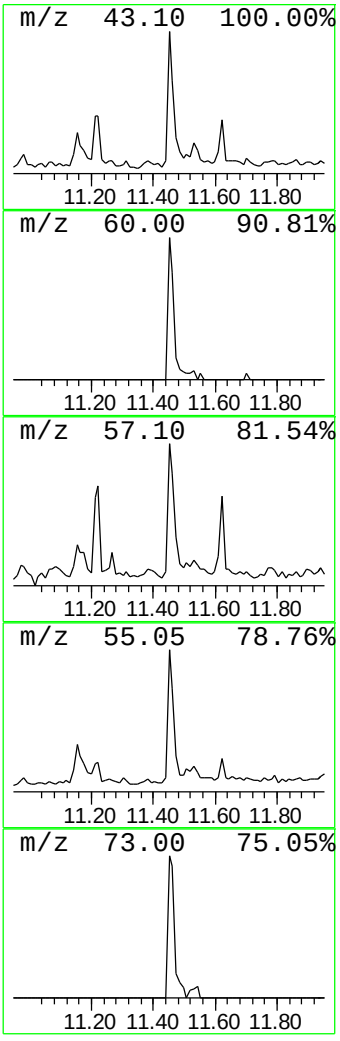
Peak Number 4 Undecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.45	4.43 ng	114416	Phenanthrene-d10	10.88

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	80
2	n-Decanoic acid	172	C10H20O2	000334-48-5	53
3	8-Chlorocapric acid	178	C8H15ClO2	001795-62-6	40
4	Dodecanoic acid	200	C12H24O2	000143-07-7	37
5	Amyl Nitrite	117	C5H11NO2	000110-46-3	22





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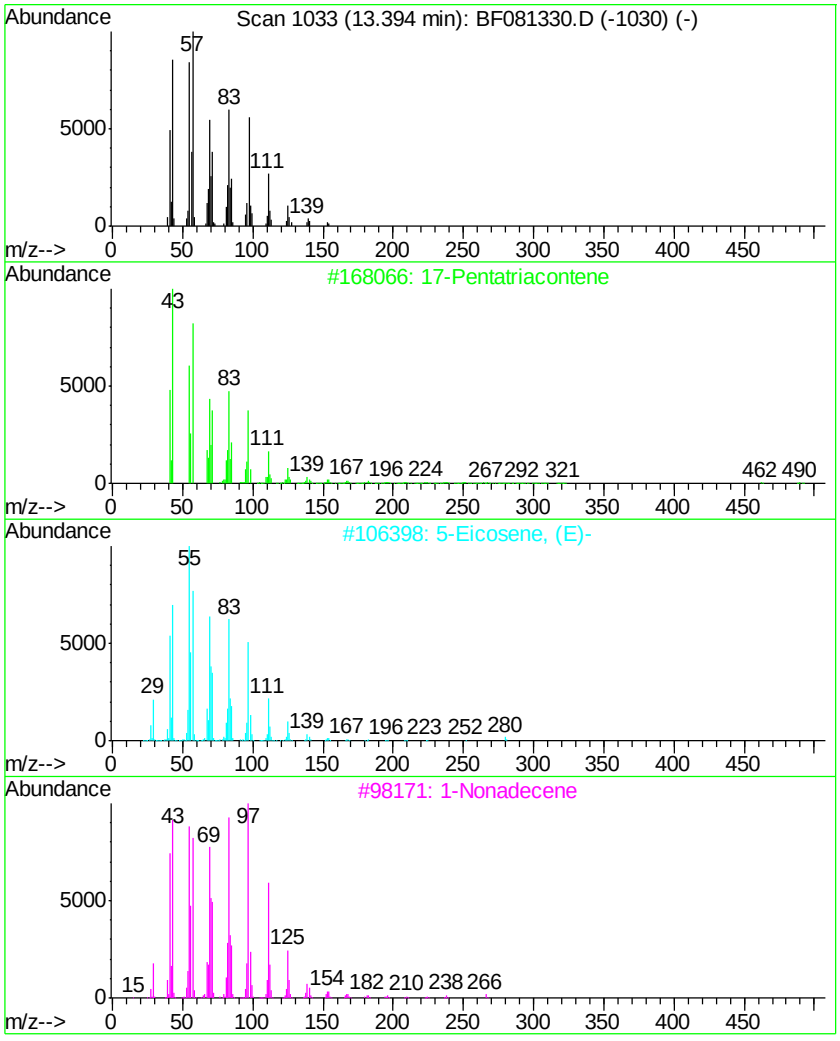
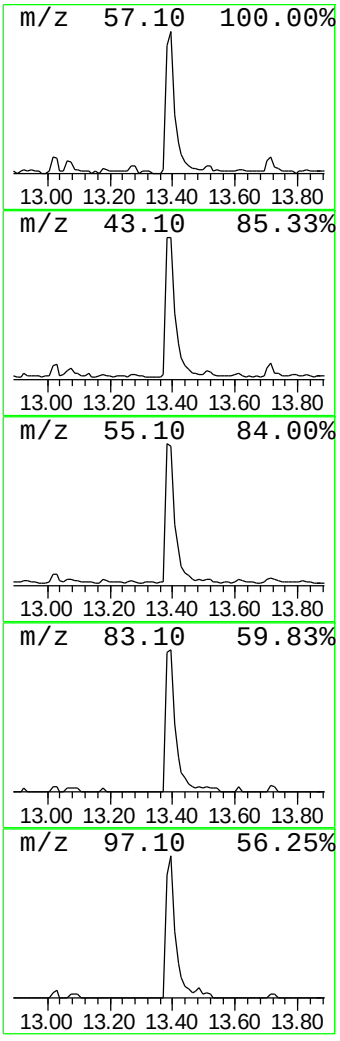
Peak Number 5 17-Pentatriacontene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.39	17.68 ng	361639	Chrysene-d12	13.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	17-Pentatriacontene	491	C35H70	006971-40-0	90
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	87
3	1-Nonadecene	266	C19H38	018435-45-5	86
4	1-Tetracosanol	354	C24H50O	000506-51-4	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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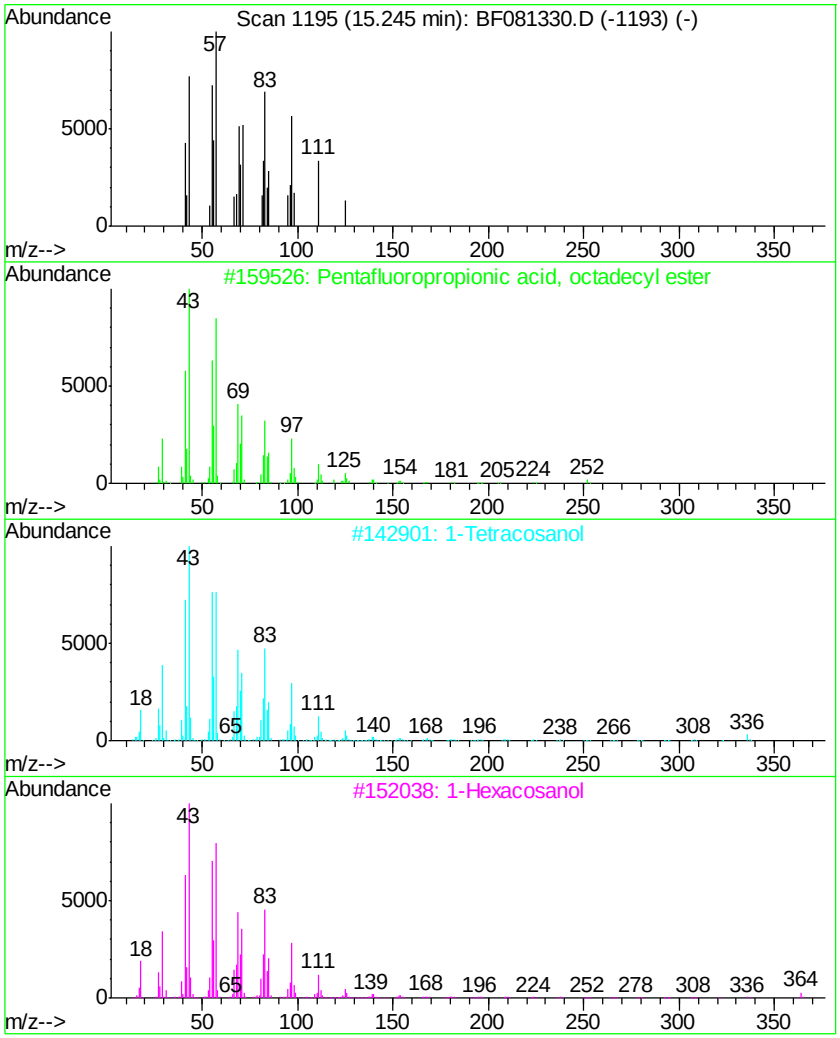
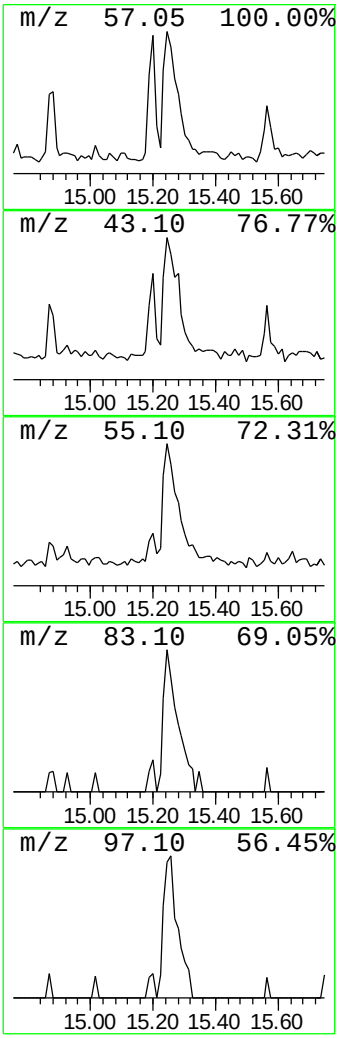
Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.25	5.33 ng	83521	Perylene-d12	14.80

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	80
2	1-Tetracosanol	354	C24H50O	000506-51-4	72
3	1-Hexacosanol	382	C26H54O	000506-52-5	64
4	5-Octadecene, (E)-	252	C18H36	007206-21-5	59
5	Octadecane, 1-(ethenyloxy)-	296	C20H40O	000930-02-9	53





Tentatively Identified Compound (LSC) summary

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					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown4.46	4.46	77.0	ng	1427570	1	6.39	370767	20.0
unknown6.16	6.16	118.1	ng	2189950	1	6.39	370767	20.0
Undecanoic acid	11.45	4.4	ng	114416	4	10.88	516054	20.0
17-Pentatriacontene	13.39	17.7	ng	361639	5	13.49	409076	20.0
Pentafluoropropio...	15.25	5.3	ng	83521	6	14.80	313291	20.0