LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032216\
Data File : BF085677.D
Acq On : 22 Mar 2016 23:56
Operator : UM/SJ
Sample : H1864-01
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PZ-4

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-BF031816.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	5.007	235	238	246	rBV	95242	119679	2.83%	0.428%
2	5.418	272	274	277	rBV	1056567	1445403	34.17%	5.175%
3	6.459	363	365	375	rVB	1126579	1007767	23.82%	3.608%
4	6.596	375	377	380	rBV	2585702	2476010	58.53%	8.865%
5	6.824	395	397	400	rBV	552231	744791	17.61%	2.667%
6	6.984	409	411	414	rVB	2433388	2476520	58.54%	8.867%
7	7.396	444	447	450	rBV	1929826	2041737	48.26%	7.310%
8	7.487	453	455	463	rVB	29709	46362	1.10%	0.166%
9	8.116	507	510	512	rBV	1244478	1048649	24.79%	3.755%
10	9.190	601	604	607	rBV	3043228	4230472	100.00%	15.147%
11	9.590	636	639	640	rBV	179483	178266	4.21%	0.638%
12	9.865	661	663	665	rBV	1045796	1175204	27.78%	4.208%
13	10.299	697	701	703	rBV3	33977	63243	1.49%	0.226%
14	10.665	729	733	735	rBV2	2057414	2821422	66.69%	10.102%
15	10.779	741	743	747	rVB	33287	61573	1.46%	0.220%
16	11.350	791	793	795	rBV	1491286	1261175	29.81%	4.515%
17	11.693	821	823	825	rVB	60775	54804	1.30%	0.196%
18	11.888	837	840	849	rBV2	143173	264228	6.25%	0.946%
19	12.665	906	908	914	rBV	163984	191832	4.53%	0.687%
20	12.939	929	932	934	rBV	3967572	4093982	96.77%	14.658%
21	13.522	980	983	985	rVB	372454	321107	7.59%	1.150%
22	13.831	1008	1010	1015	rBV	102062	161730	3.82%	0.579%
23	13.979	1021	1023	1026	rBV	989008	998126	23.59%	3.574%
24	15.397	1145	1147	1150	rBV	519662	645884	15.27%	2.313%

Sum of corrected areas: 27929966

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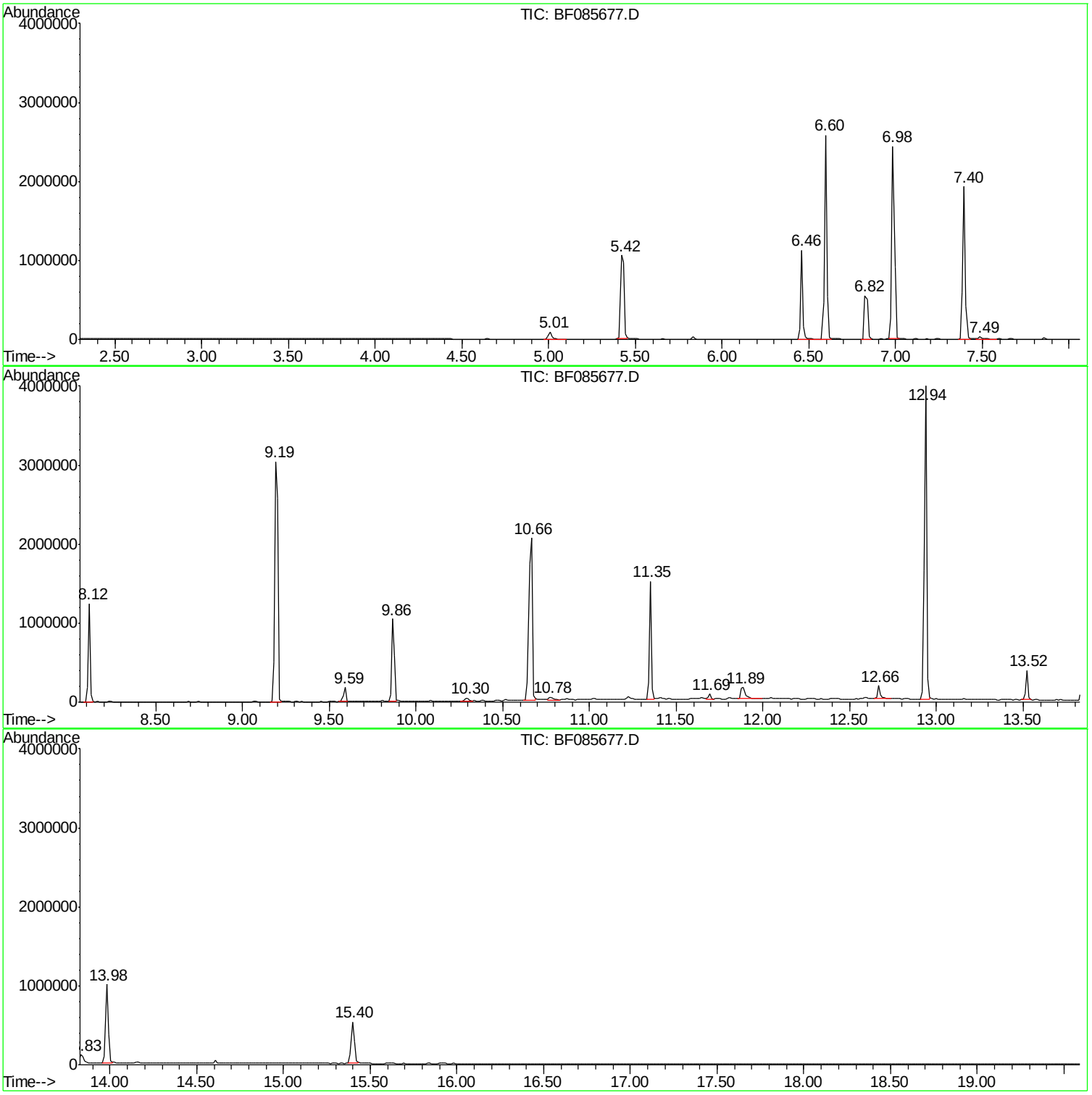
PZ-4

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF031816.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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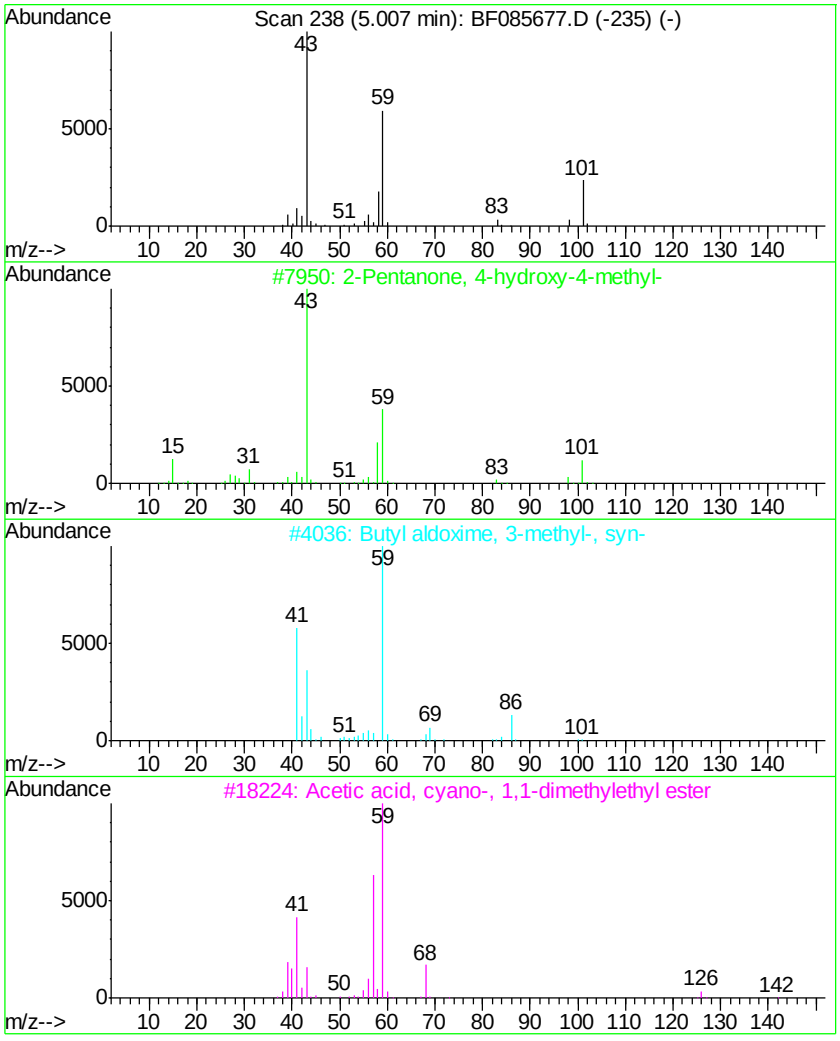
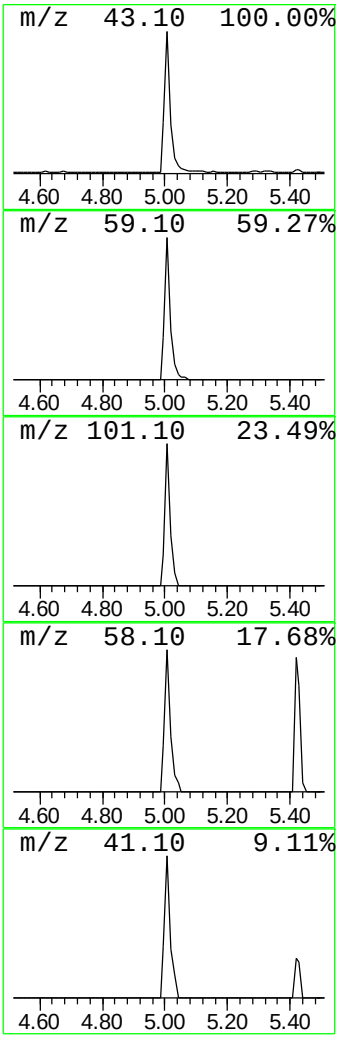
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	3.21 ng	119679	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	27
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9





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Instrument : BNA_F
ClientSampleId : PZ-4

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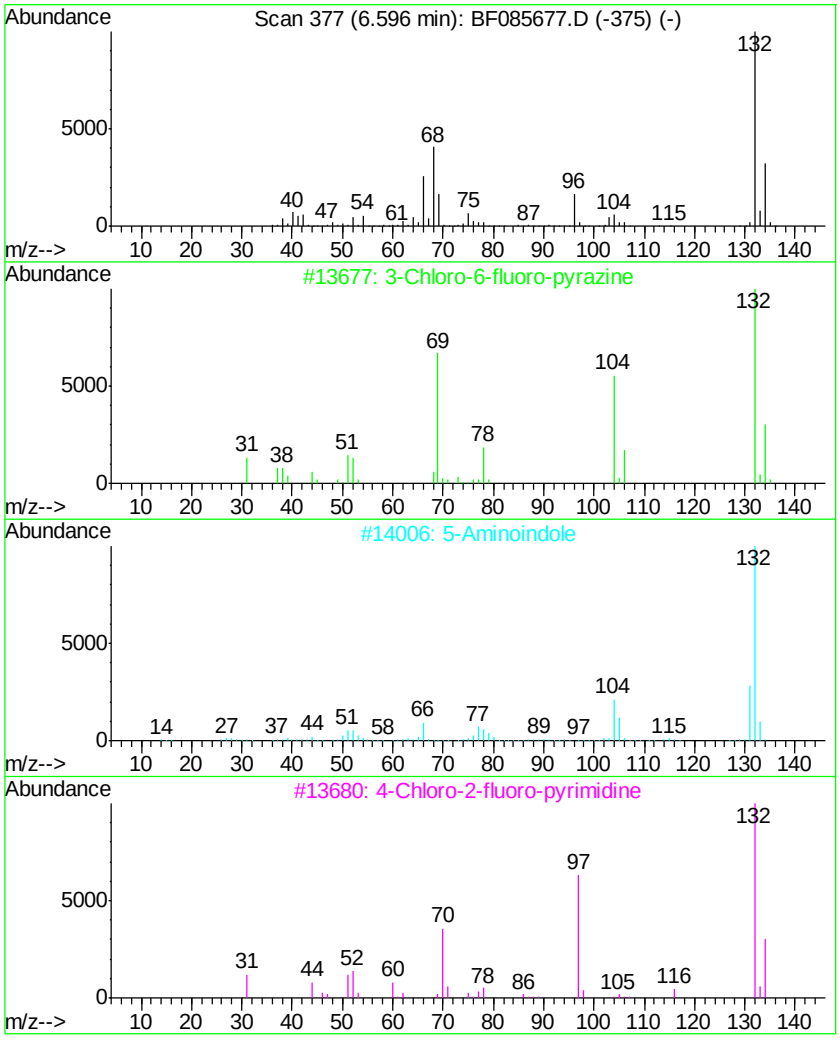
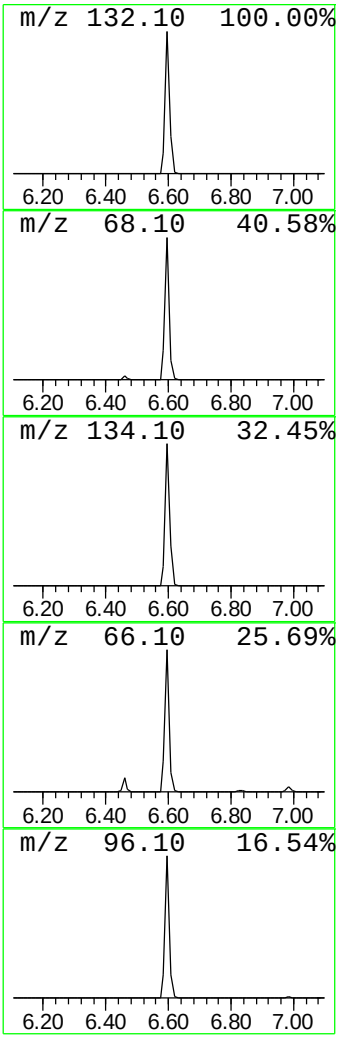
Peak Number 2 unknown6.60 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	66.49 ng	2476010	1,4-Dichlorobenzene-d4	6.84

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





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Instrument : BNA_F
ClientSampleId : PZ-4

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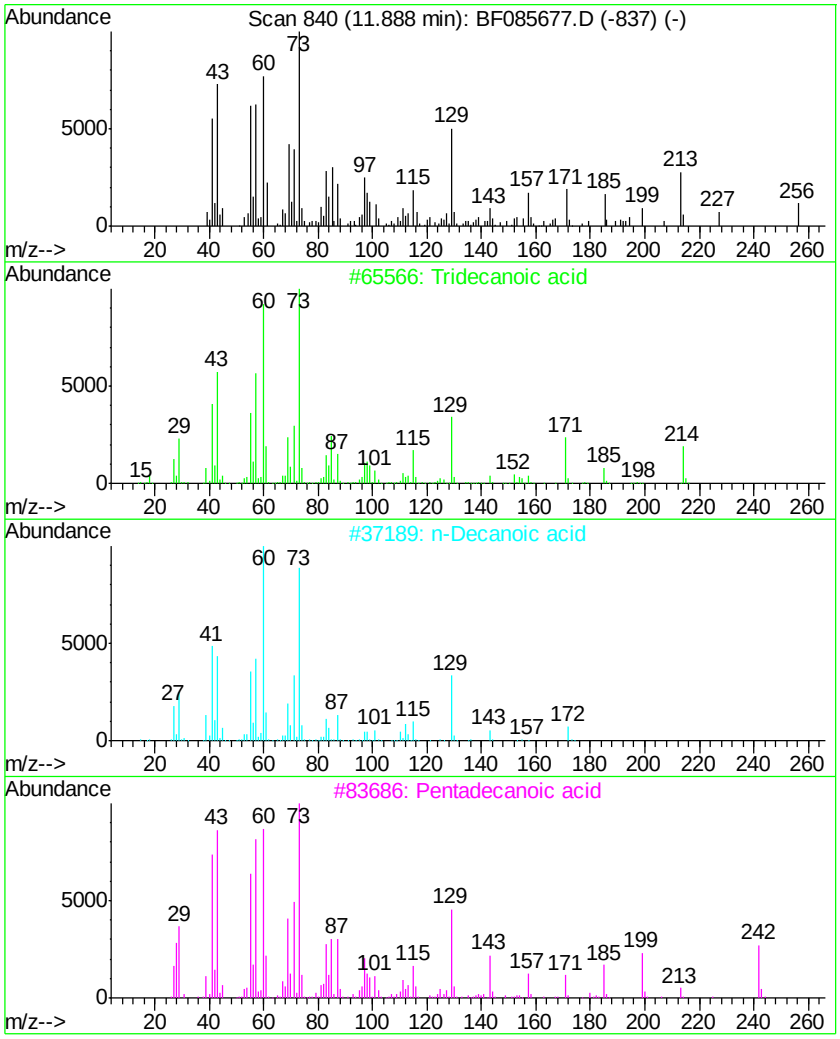
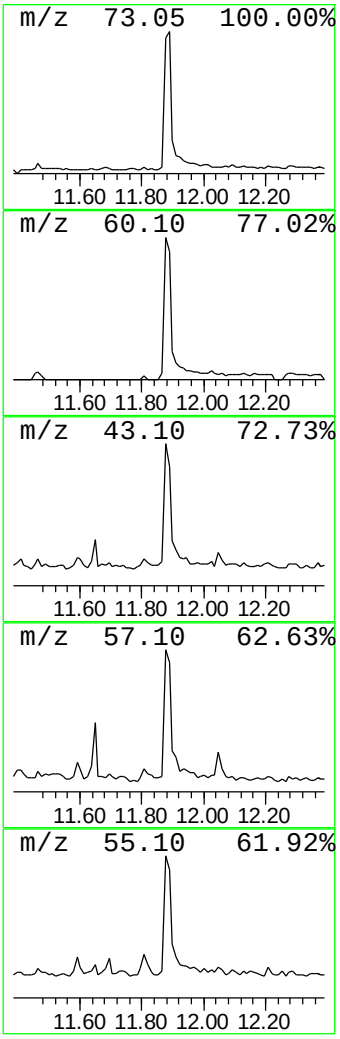
Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.89	4.19 ng	264228	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	90
2	n-Decanoic acid	172	C10H20O2	000334-48-5	70
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4	Dodecanoic acid	200	C12H24O2	000143-07-7	47
5	Octadecane, 2-methyl-	268	C19H40	001560-88-9	11





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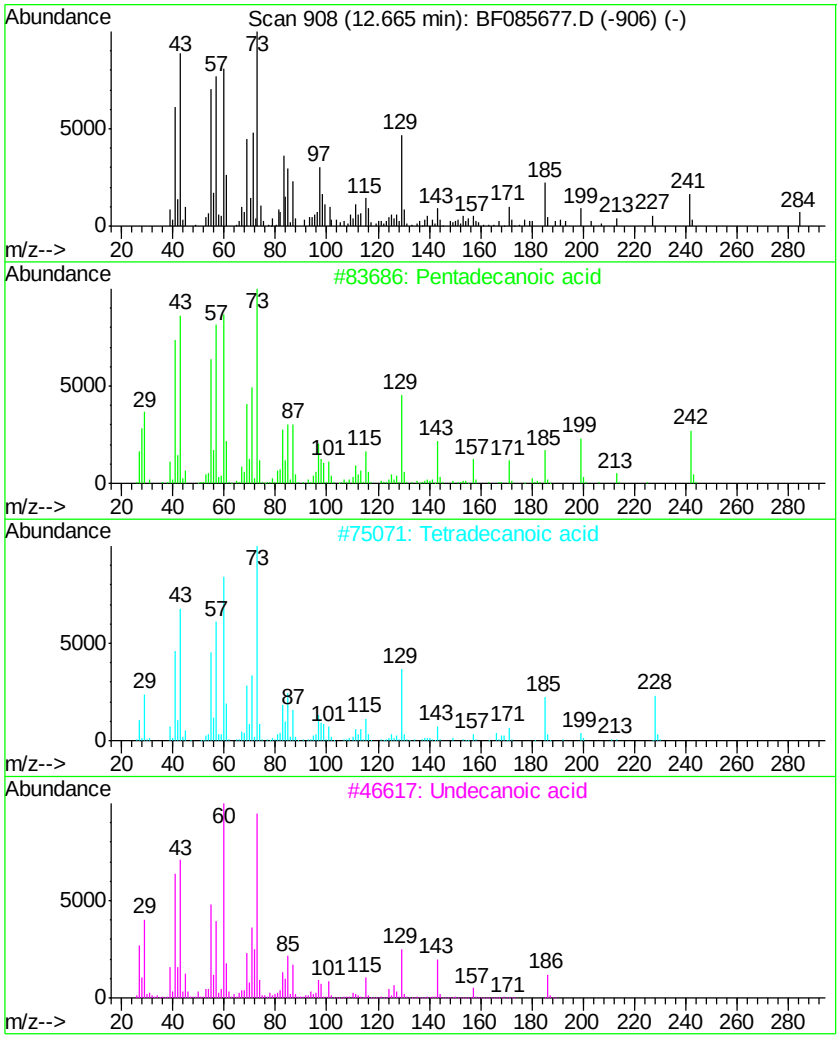
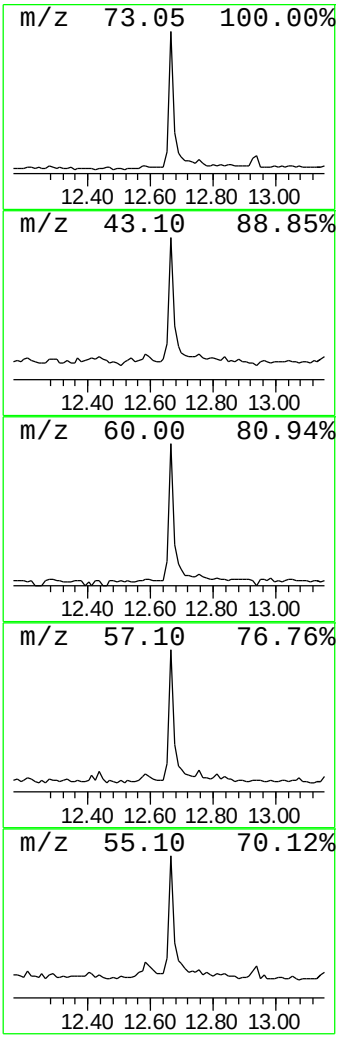
Peak Number 5 Pentadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.66	3.04 ng	191832	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	89
2	Tetradecanoic acid	228	C14H28O2	000544-63-8	86
3	Undecanoic acid	186	C11H22O2	000112-37-8	83
4	n-Decanoic acid	172	C10H20O2	000334-48-5	76
5	2-Butenoic acid, 2-methoxy-3-met...	144	C7H12O3	056009-32-6	18





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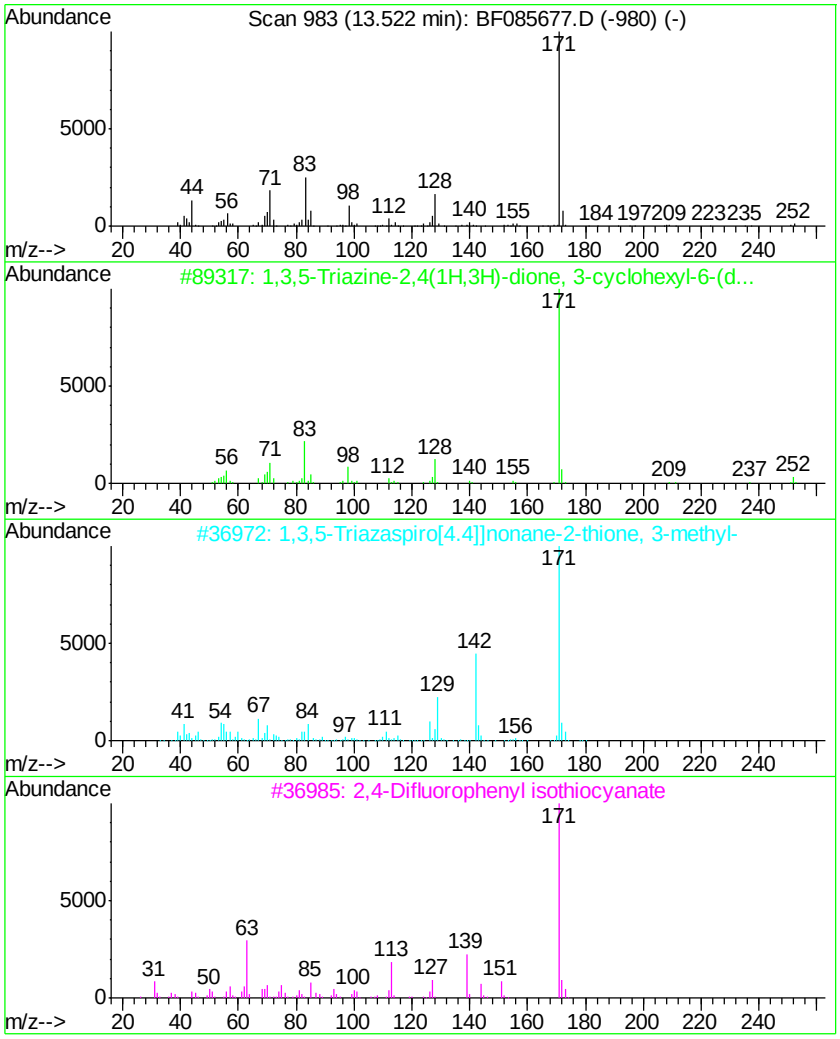
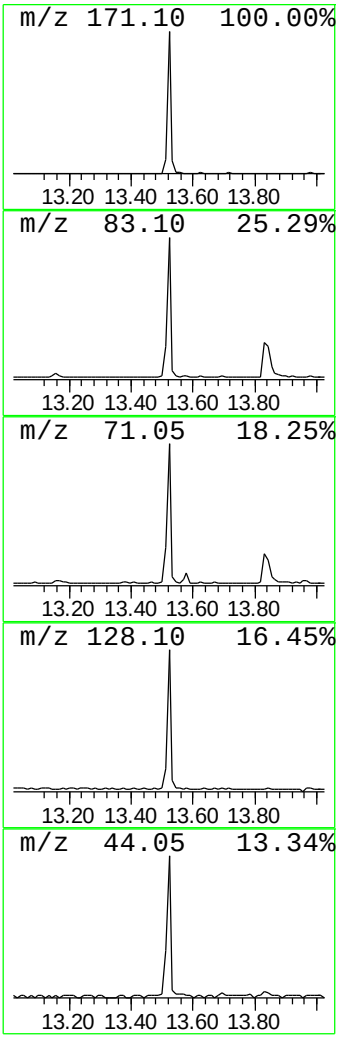
Peak Number 6 1,3,5-Triazine-2,4(1H,3H)-d... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.52	6.43 ng	321107	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3,5-Triazine-2,4(1H,3H)-dione,...	252	C12H20N4O2	051235-04-2	97
2	1,3,5-Triazaspiro[4.4]]nonane-2-...	171	C7H13N3S	1000277-58-6	40
3	2,4-Difluorophenyl isothiocyanate	171	C7H3F2NS	141106-52-7	40
4	Thiazolo[5,4-d]pyrimidine, 5-chl...	171	C5H2ClN3S	013316-08-0	38
5	Benzeneethanamine, 2-fluoro-4-hy...	171	C8H10FNO2	1000116-43-3	33





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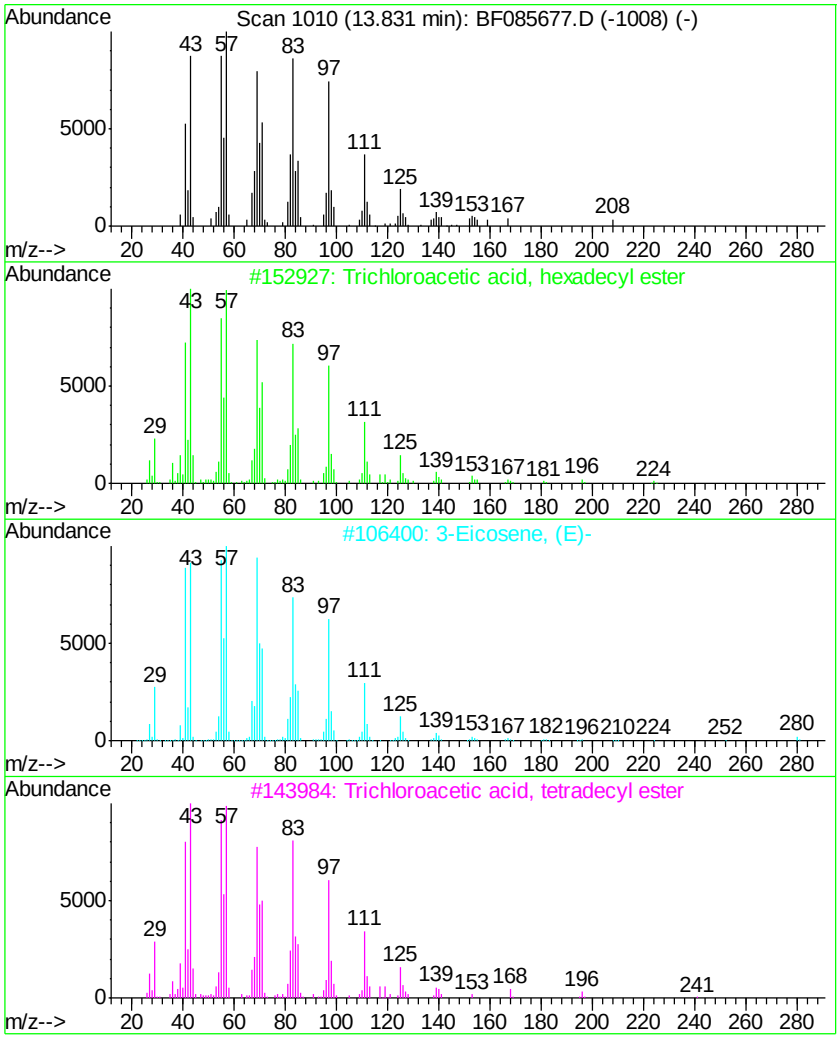
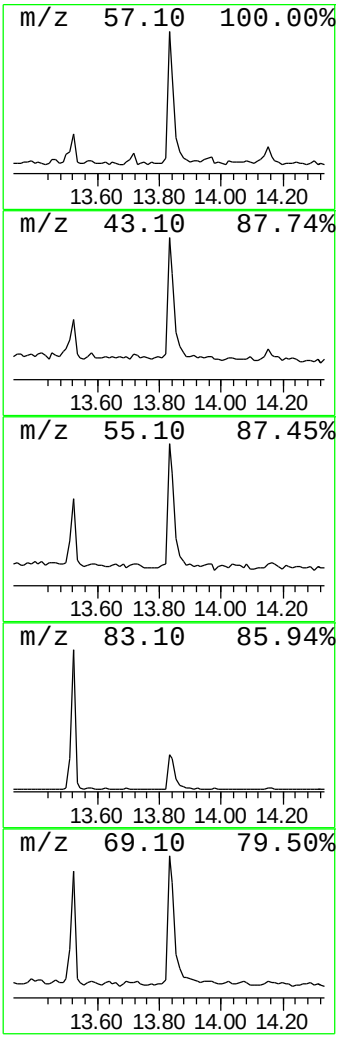
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.83	3.24 ng	161730	Chrysene-d12	13.98

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	1-Nonadecene	266	C19H38	018435-45-5	91
5	Trifluoroacetic acid, n-heptadec...	324	C17H31F3O2	1000216-79-2	91





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...	5.01	3.2	ng	119679	1	6.84	744791	20.0
unknown6.60	6.60	66.5	ng	2476010	1	6.84	744791	20.0
Tridecanoic acid	11.89	4.2	ng	264228	4	11.35	1261180	20.0
Pentadecanoic acid	12.66	3.0	ng	191832	4	11.35	1261180	20.0
1,3,5-Triazine-2,...	13.52	6.4	ng	321107	5	13.98	998126	20.0
Trichloroacetic a...	13.83	3.2	ng	161730	5	13.98	998126	20.0