LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040716\
Data File : BF086157.D
Acq On : 8 Apr 2016 4:10
Operator : UM/SJ
Sample : H2282-20
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-06(0.5-20)

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-BF040216.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	4.899	244	246	259	rBB	209218	325562	11.42%	1.391%
2	5.333	281	284	286	rBV	2171428	2332080	81.83%	9.967%
3	6.384	373	376	378	rBV	2238563	2524412	88.58%	10.789%
4	6.499	384	386	389	rBV	2039470	2318768	81.36%	9.910%
5	6.739	405	407	409	rBV	442013	602649	21.15%	2.576%
6	6.887	418	420	423	rBV	2006172	1799753	63.15%	7.692%
7	7.299	454	456	459	rBV	1104272	1518387	53.28%	6.489%
8	8.019	517	519	522	rBV	945874	843614	29.60%	3.606%
9	9.093	611	613	616	rBV	2269834	2461014	86.35%	10.518%
10	9.493	646	648	652	rBV	326572	298537	10.48%	1.276%
11	9.710	665	667	668	rBV	51801	48638	1.71%	0.208%
12	9.768	670	672	675	rVB	913179	905202	31.76%	3.869%
13	9.939	684	687	691	rBV2	13131	31483	1.10%	0.135%
14	10.202	709	710	712	rVB	83684	80897	2.84%	0.346%
15	10.419	726	729	733	rBV	32285	58964	2.07%	0.252%
16	10.568	739	742	744	rBV2	1215891	1695468	59.49%	7.246%
17	10.682	750	752	759	rBV	154199	207045	7.26%	0.885%
18	11.128	789	791	792	rBV	39410	40875	1.43%	0.175%
19	11.254	800	802	804	rBV	1093692	932810	32.73%	3.987%
20	11.791	847	849	860	rVB	74933	99352	3.49%	0.425%
21	12.568	915	917	924	rBV3	22480	35654	1.25%	0.152%
22	12.842	938	941	943	rBV	2675755	2849902	100.00%	12.180%
23	13.745	1017	1020	1028	rBV	62390	153794	5.40%	0.657%
24	13.882	1030	1032	1035	rVV	479910	673441	23.63%	2.878%
25	14.717	1103	1105	1107	rBV	34755	31800	1.12%	0.136%
26	15.288	1152	1155	1161	rBV	435644	527834	18.52%	2.256%

Sum of corrected areas: 23397935

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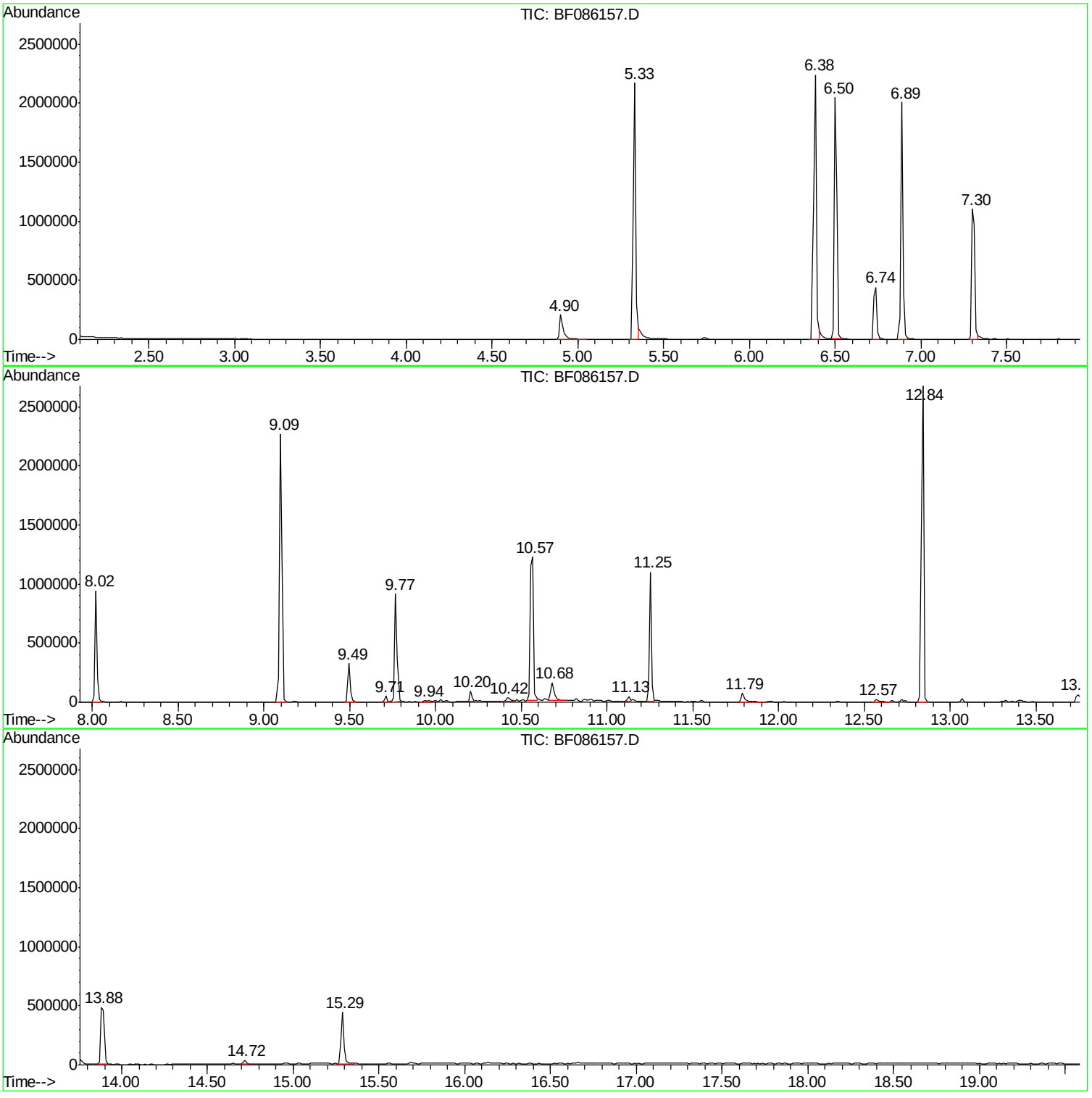
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040216.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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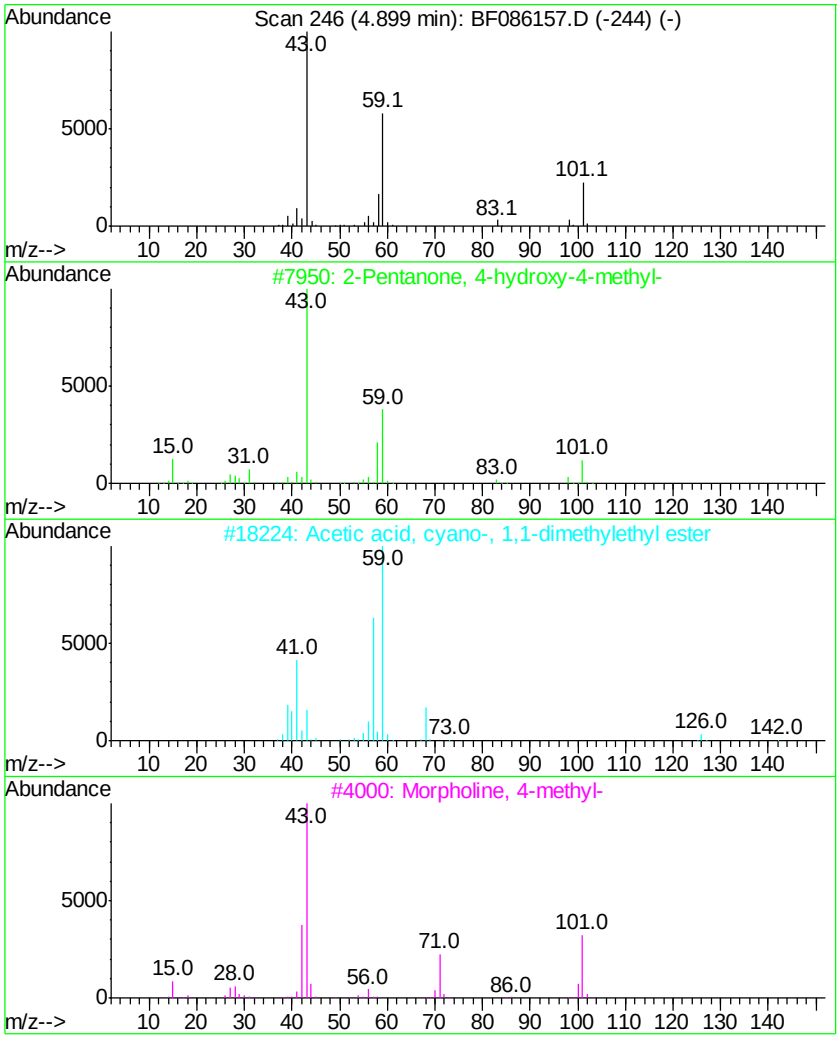
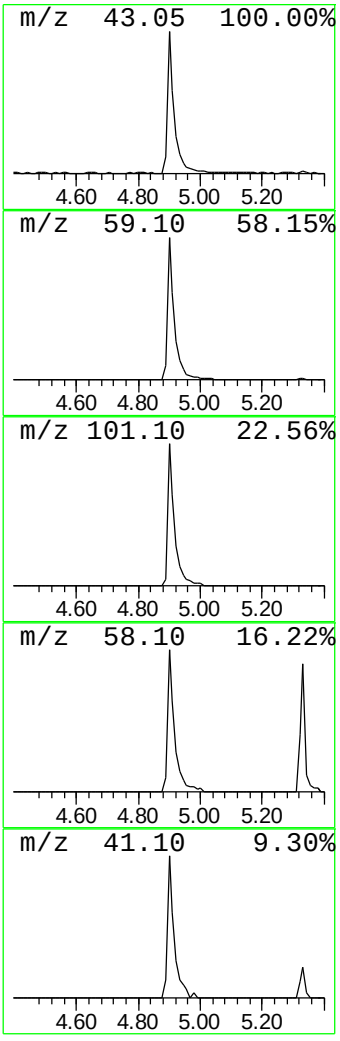
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.90	10.80 ng	325562	1,4-Dichlorobenzene-d4	6.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9
4	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





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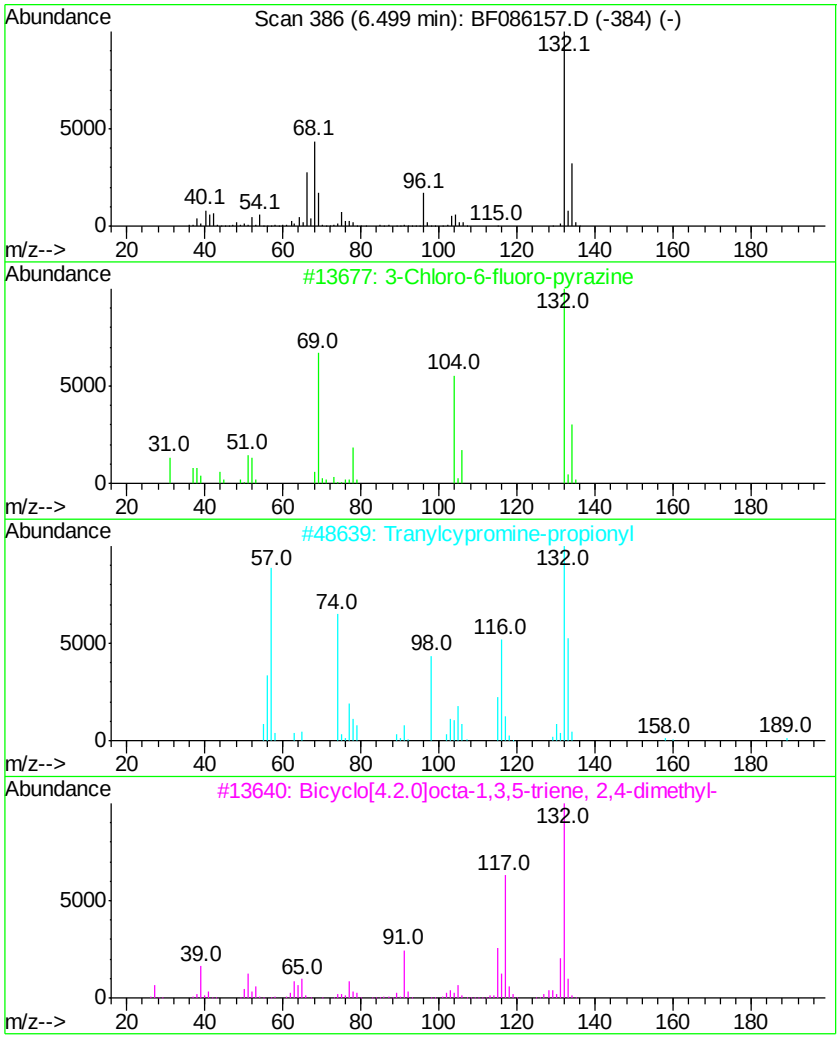
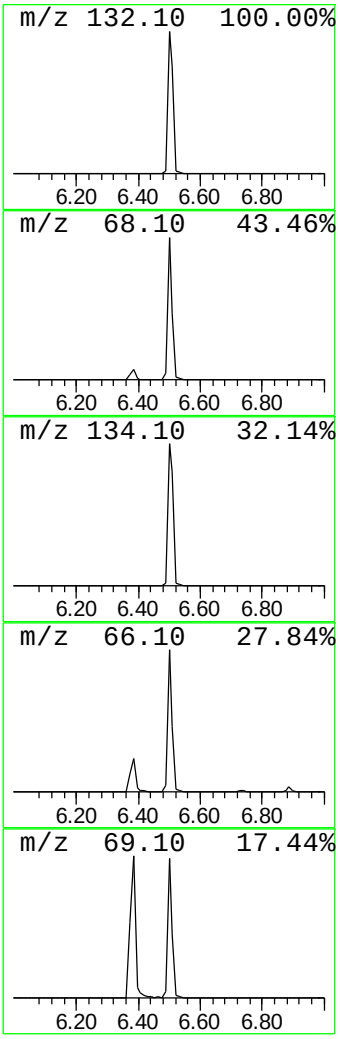
Peak Number 2 unknown6.50 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.50	76.95 ng	2318770	1,4-Dichlorobenzene-d4	6.74

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	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





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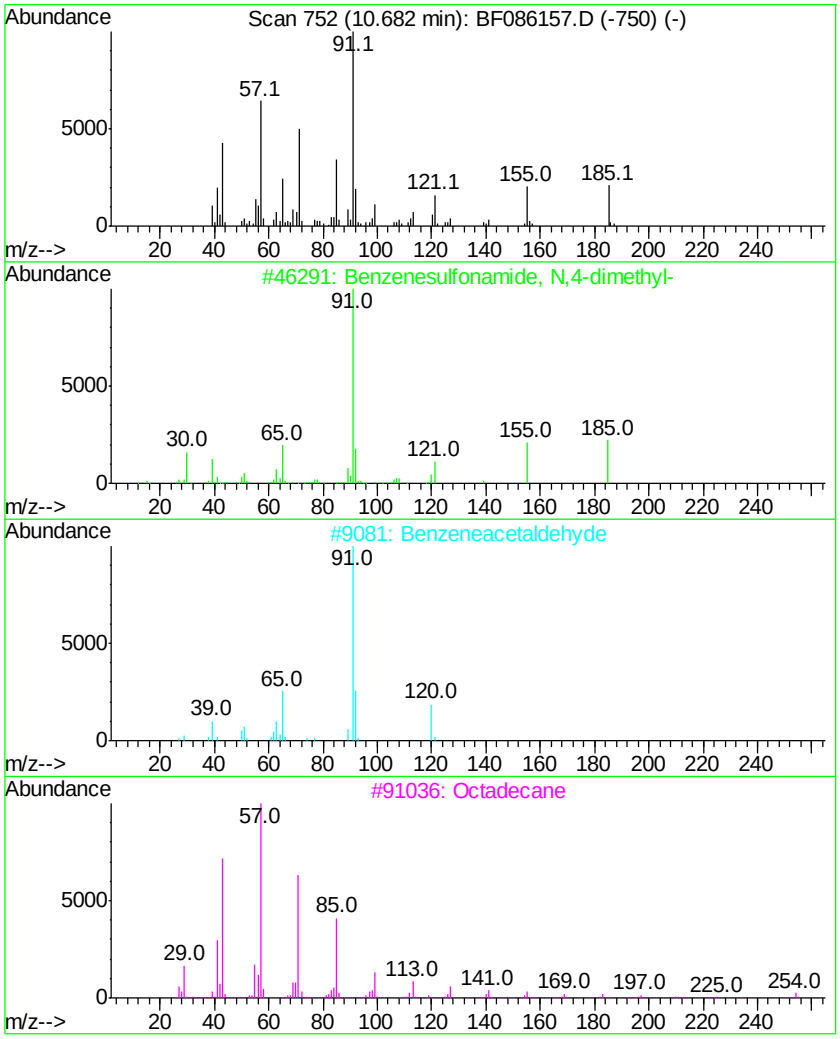
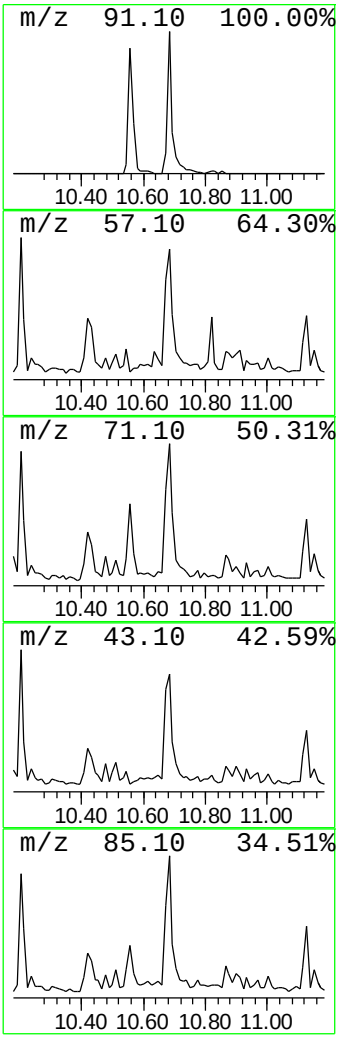
Peak Number 4 Benzenesulfonamide, N,4-dim... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.68	4.44 ng	207045	Phenanthrene-d10	11.25

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzenesulfonamide, N,4-dimethyl-	185	C8H11NO2S	000640-61-9	90
2	Benzeneacetaldehyde	120	C8H8O	000122-78-1	35
3	Octadecane	254	C18H38	000593-45-3	30
4	Hexadecane	226	C16H34	000544-76-3	30
5	Pentadecane	212	C15H32	000629-62-9	30





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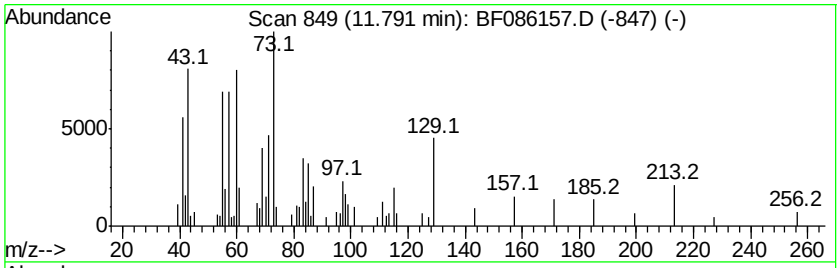
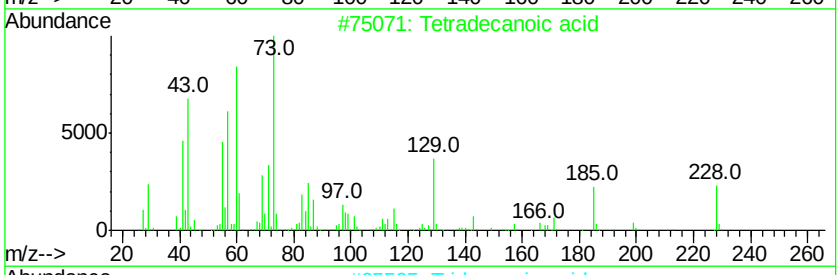
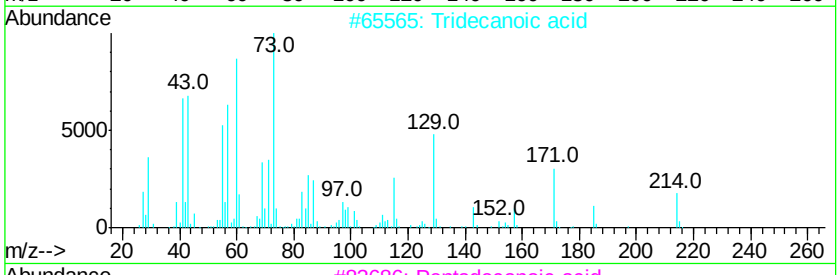
Peak Number 5 Tetradecanoic acid Concentration Rank 6

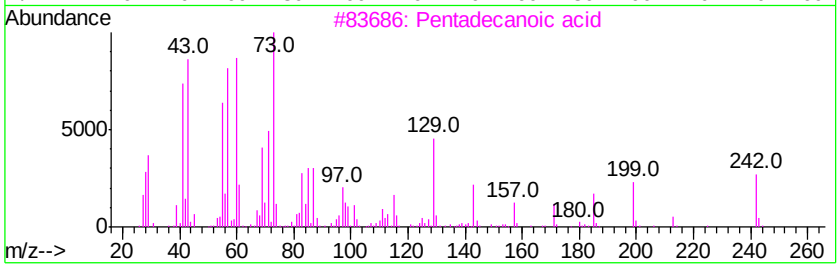
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.79	2.13 ng	99352	Phenanthrene-d10	11.25

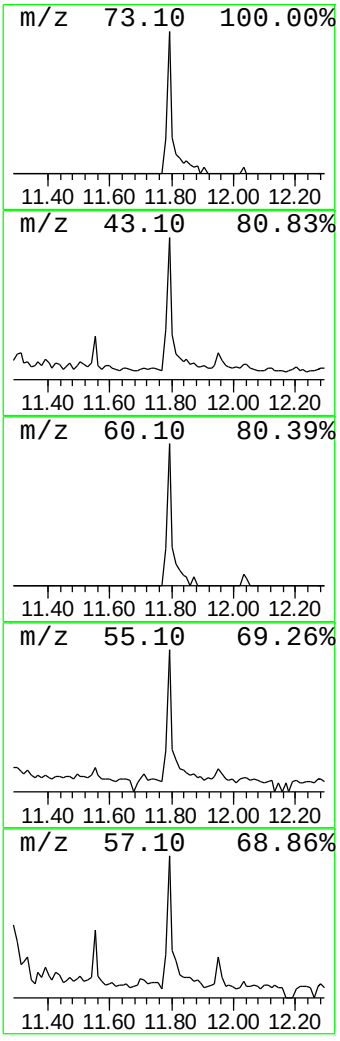
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	80
2	Tridecanoic acid	214	C13H26O2	000638-53-9	72
3	Pentadecanoic acid	242	C15H30O2	001002-84-2	72
4	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	46
5	Tridecane	184	C13H28	000629-50-5	11











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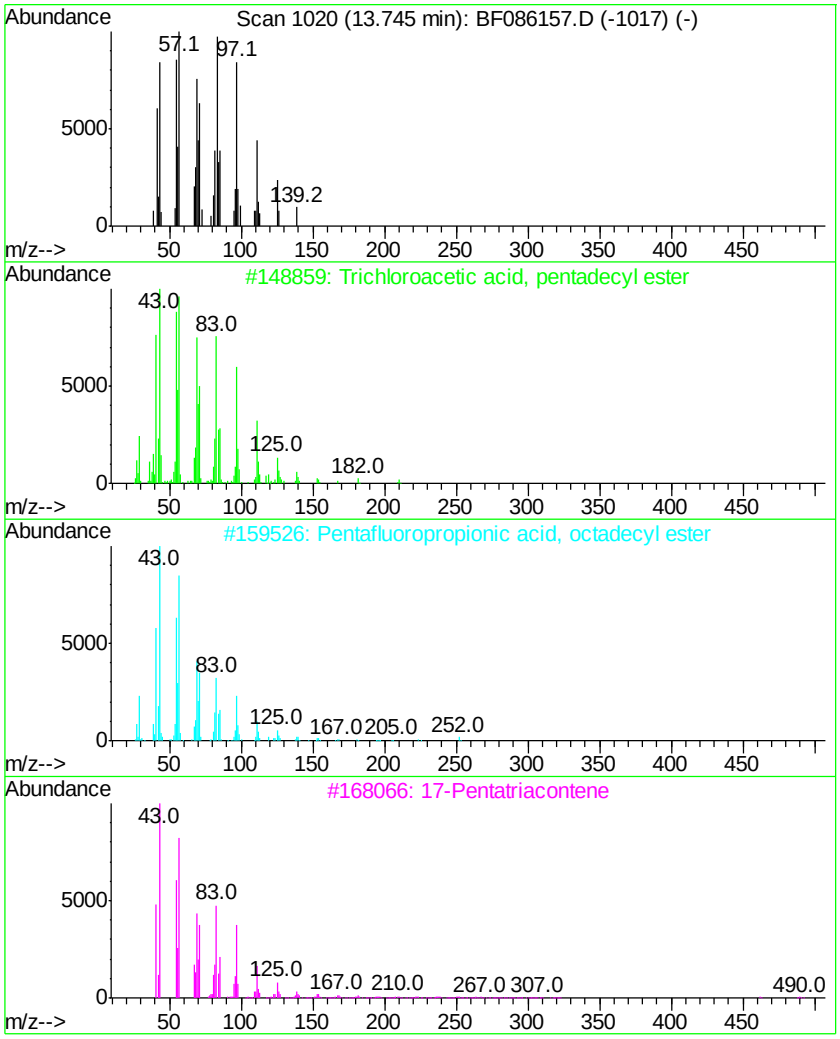
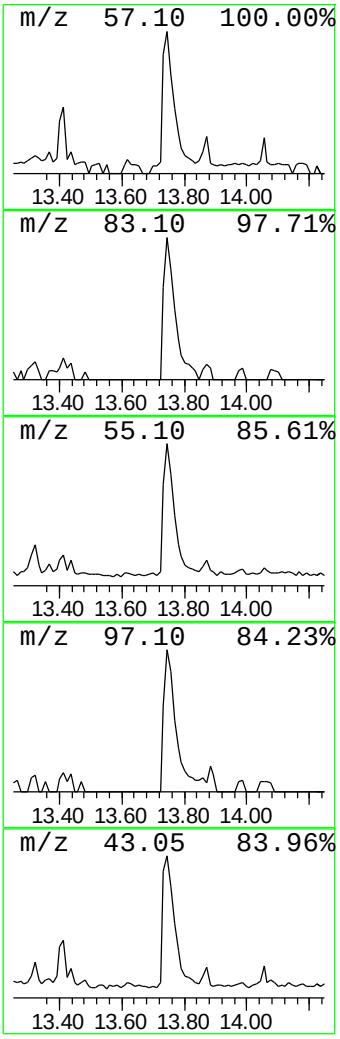
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.75	4.57 ng	153794	Chrysene-d12	13.89

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
2	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	90
3	17-Pentatriacontene	491	C35H70	006971-40-0	90
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	86
5	1-Hexacosanol	382	C26H54O	000506-52-5	86





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...	4.90	10.8	ng	325562	1	6.74	602649	20.0
unknown6.50	6.50	77.0	ng	2318770	1	6.74	602649	20.0
Benzenesulfonamid...	10.68	4.4	ng	207045	4	11.25	932810	20.0
Tetradecanoic acid	11.79	2.1	ng	99352	4	11.25	932810	20.0
Trichloroacetic a...	13.75	4.6	ng	153794	5	13.89	673441	20.0