LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF033116\
Data File : BF085954.D
Acq On : 1 Apr 2016 4:02
Operator : UM/SJ
Sample : H2046-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-33(0.5-15.0COMP)

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-BF032416.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	4.973	233	235	249	rBV	85527	173748	4.90%	0.650%
2	5.396	269	272	274	rBV	2216734	2989047	84.34%	11.185%
3	6.436	360	363	365	rBV	2447517	2757209	77.79%	10.317%
4	6.562	371	374	376	rBV	3038365	3148334	88.83%	11.781%
5	6.790	392	394	396	rBV	653634	625844	17.66%	2.342%
6	6.939	405	407	410	rBV	1843096	2411031	68.03%	9.022%
7	7.362	441	444	446	rBV	1822767	2125029	59.96%	7.952%
8	7.465	451	453	458	rVB	34838	48655	1.37%	0.182%
9	8.070	504	506	509	rBV	827800	801276	22.61%	2.998%
10	9.156	598	601	603	rBV	3312216	3544240	100.00%	13.262%
11	9.545	633	635	638	rBV	425228	432465	12.20%	1.618%
12	9.762	652	654	656	rBV	66422	56343	1.59%	0.211%
13	9.830	657	660	662	rVB	829452	843206	23.79%	3.155%
14	10.265	694	698	699	rBV	65561	89518	2.53%	0.335%
15	10.482	714	717	720	rBV2	27714	47999	1.35%	0.180%
16	10.619	726	729	731	rBV	2039645	1955635	55.18%	7.318%
17	10.733	737	739	743	rVB	90798	99501	2.81%	0.372%
18	11.179	776	778	779	rBV	54500	45630	1.29%	0.171%
19	11.305	787	789	792	rBV2	623015	766735	21.63%	2.869%
20	11.842	834	836	848	rBV	100294	136383	3.85%	0.510%
21	12.894	926	928	931	rBV	2544309	2356385	66.48%	8.817%
22	13.785	1004	1006	1014	rBV	113944	216388	6.11%	0.810%
23	13.945	1018	1020	1023	rVB	581646	520203	14.68%	1.947%
24	15.362	1141	1144	1149	rBV	411884	533228	15.04%	1.995%

Sum of corrected areas: 26724032

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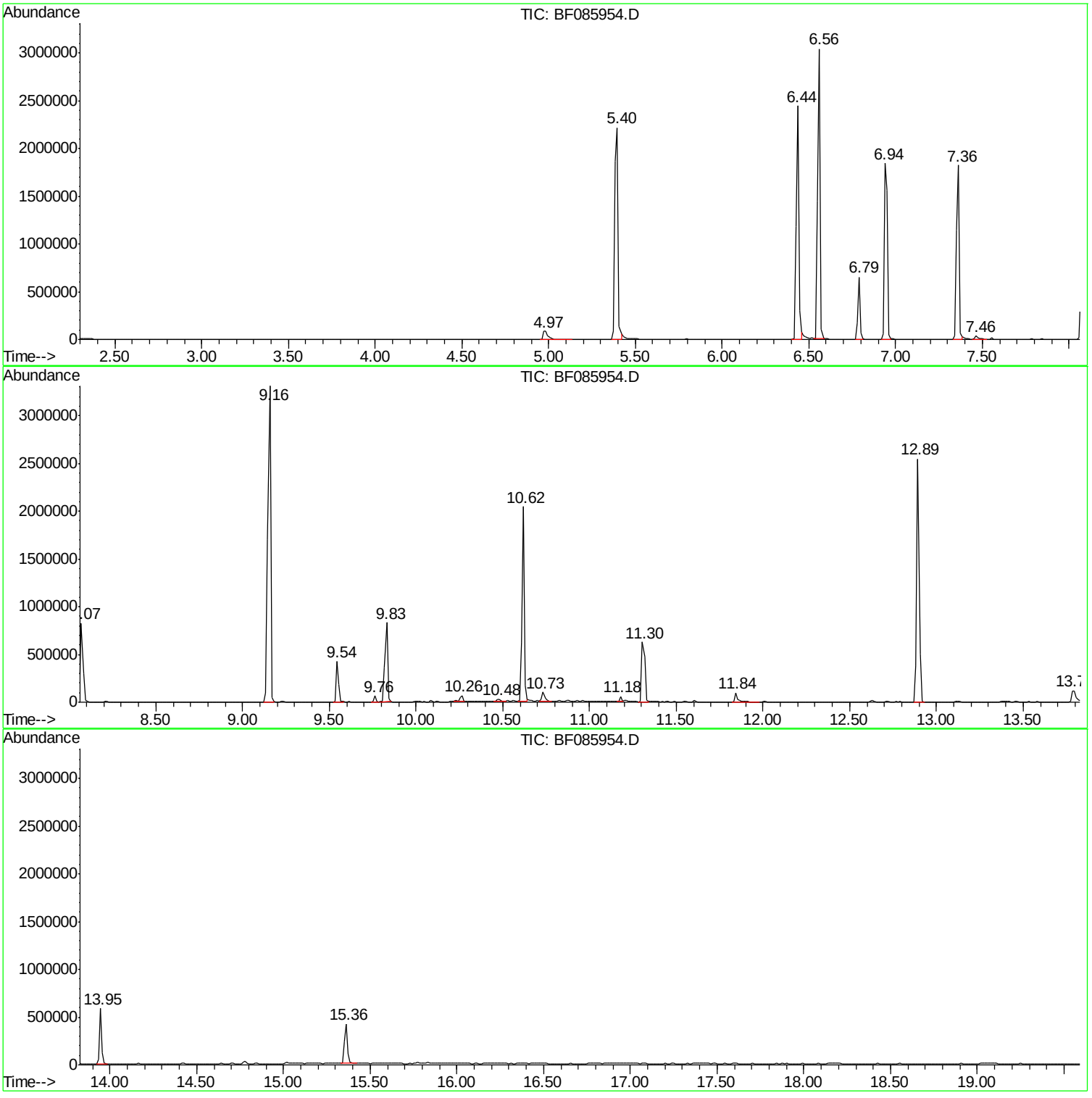
AMBOY-SB-33(0.5-15.0COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.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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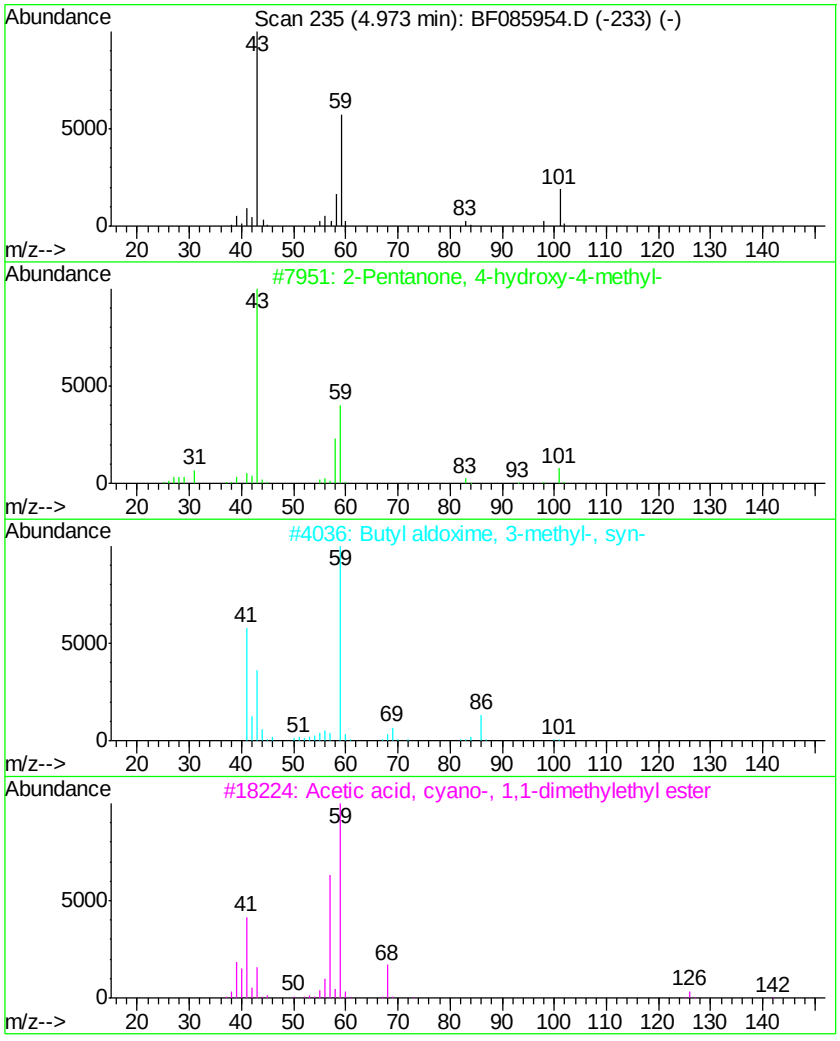
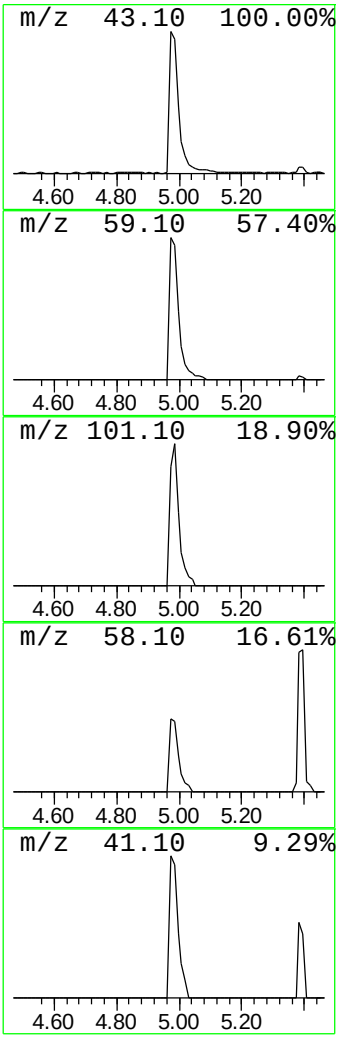
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	5.55 ng	173748	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	32
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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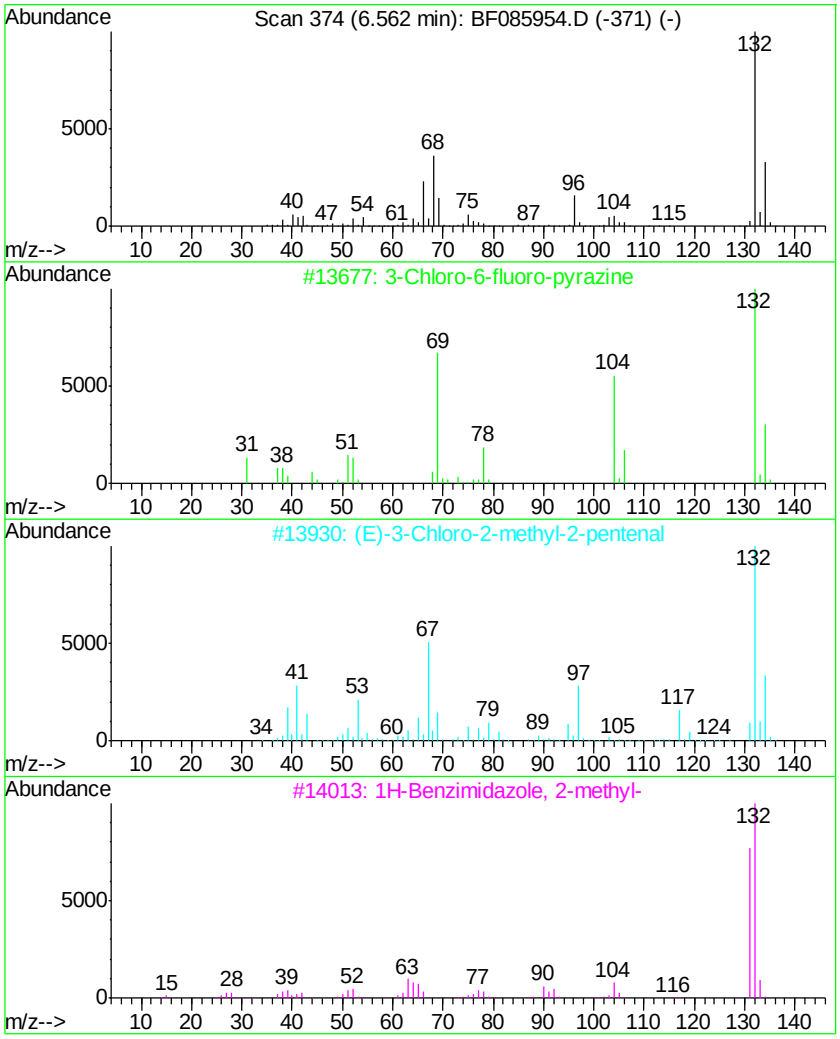
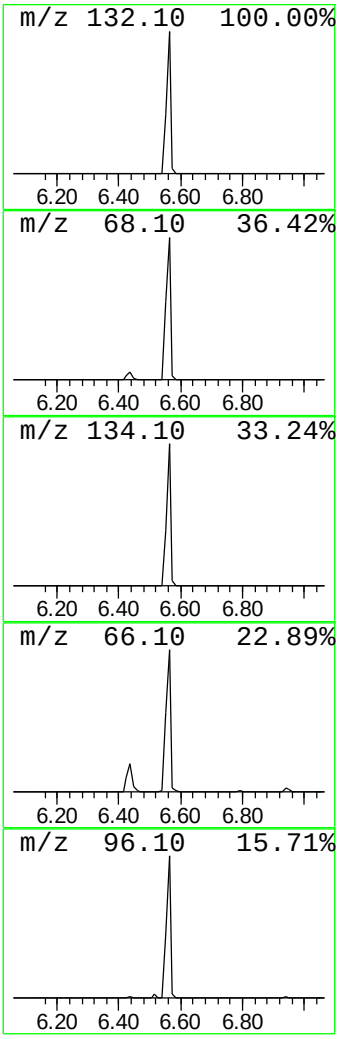
Peak Number 2 unknown6.56 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.56	100.61 ng	3148330	1,4-Dichlorobenzene-d4	6.79

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





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Sample : H2046-06
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AMBOY-SB-33(0.5-15.0COMP)

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
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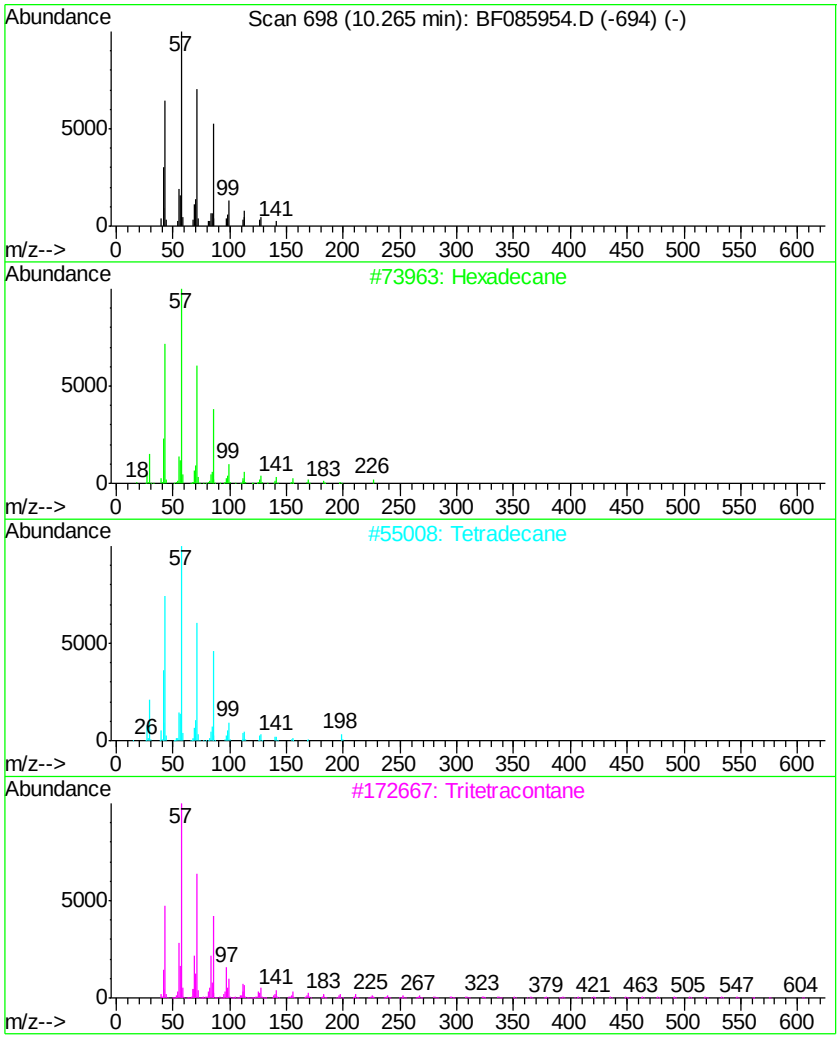
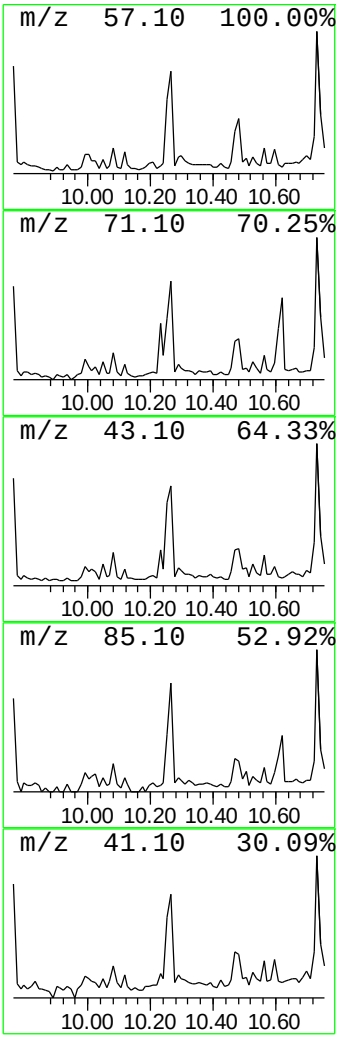
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.26	2.12 ng	89518	Acenaphthene-d10	9.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tetradecane	198	C14H30	000629-59-4	86
3	Tritetracontane	605	C43H88	007098-21-7	78
4	Silane, trichlorooctadecyl-	386	C18H37Cl3Si	000112-04-9	72
5	Pentadecane	212	C15H32	000629-62-9	72





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Instrument :
BNA_F
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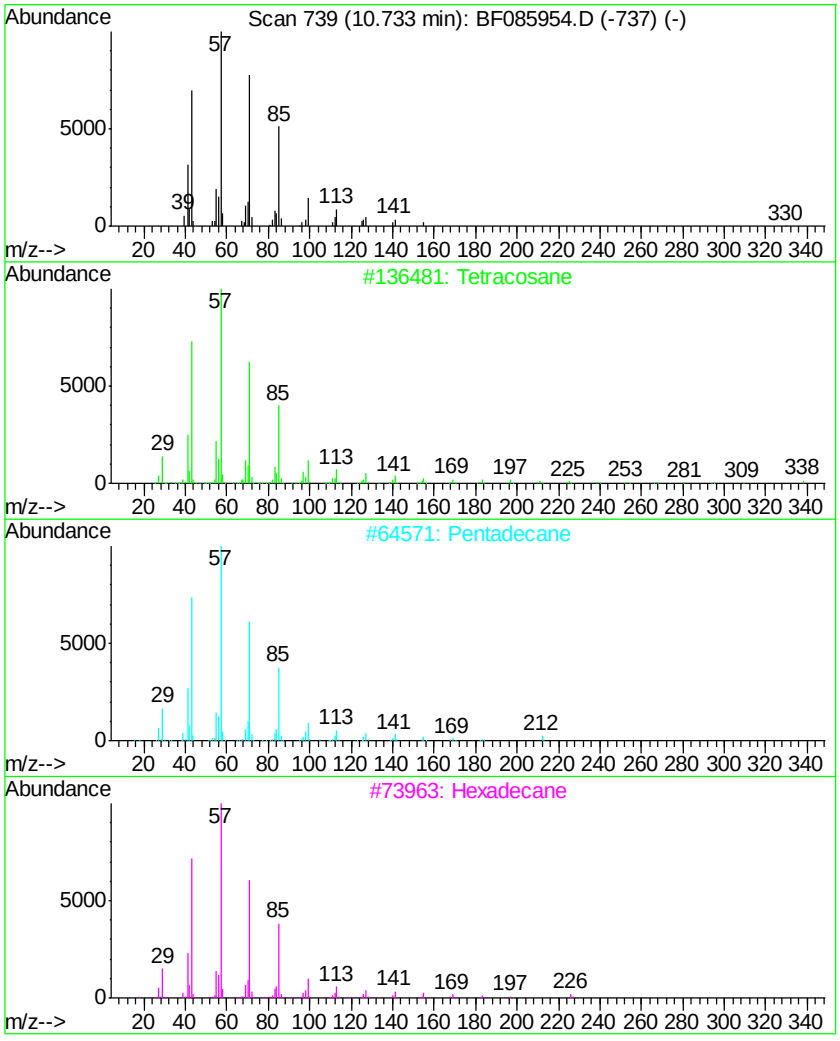
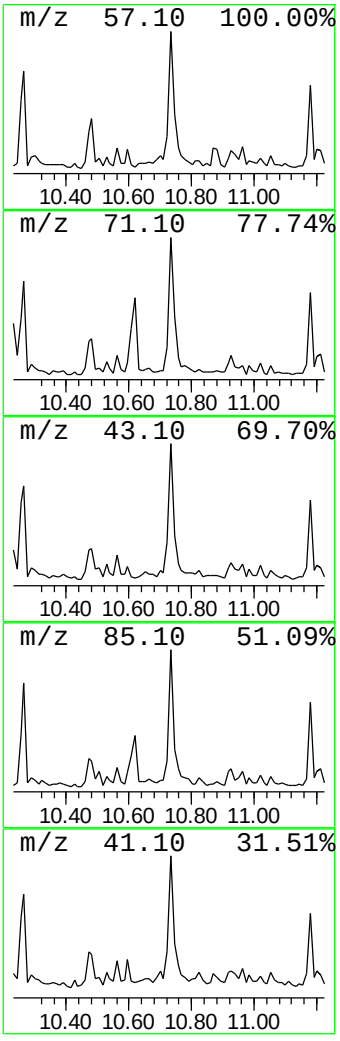
Peak Number 5 Tetracosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.73	2.60 ng	99501	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Pentadecane	212	C15H32	000629-62-9	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Tetradecane	198	C14H30	000629-59-4	86
5	Eicosane	282	C20H42	000112-95-8	86





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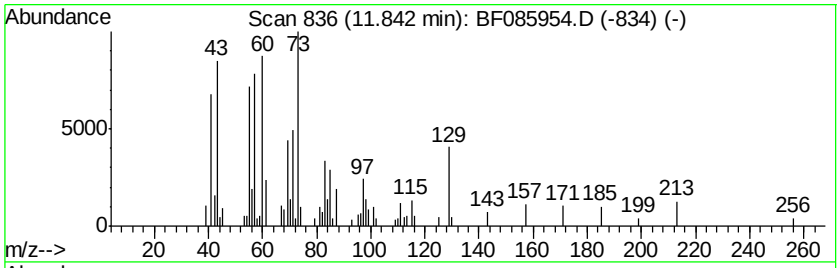
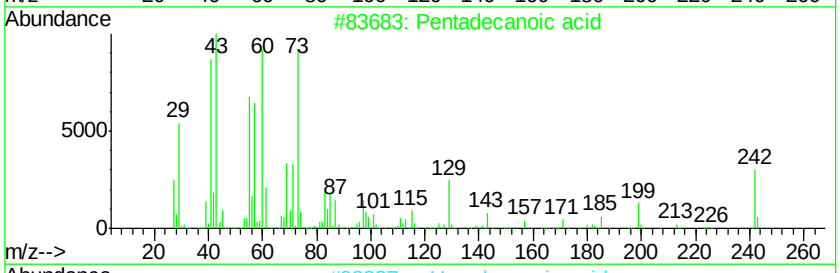
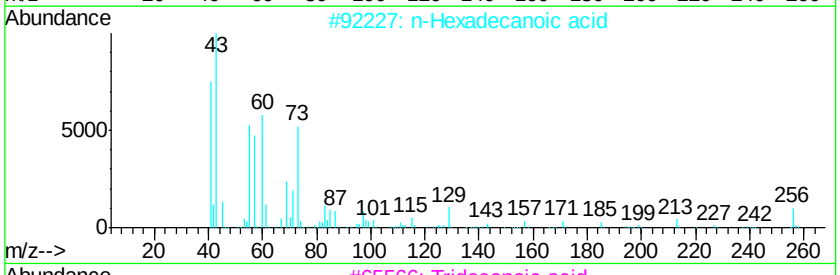
Peak Number 6 Pentadecanoic acid Concentration Rank 5

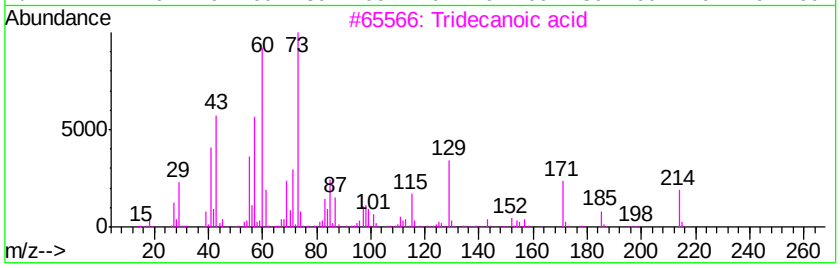
R.T.	EstConc	Area	Relative to ISTD	R.T.
11.84	3.56 ng	136383	Phenanthrene-d10	11.30

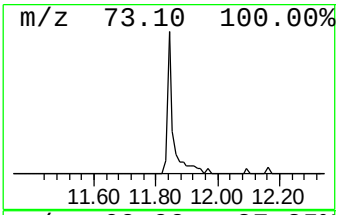
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
3	Tridecanoic acid	214	C13H26O2	000638-53-9	80
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	72
5	Dodecanoic acid	200	C12H24O2	000143-07-7	64

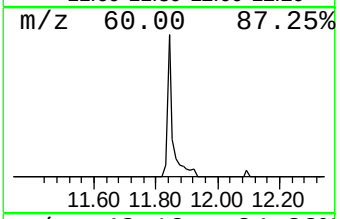


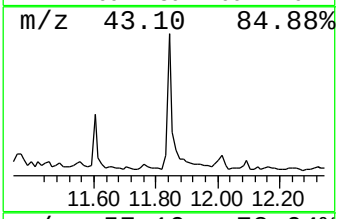


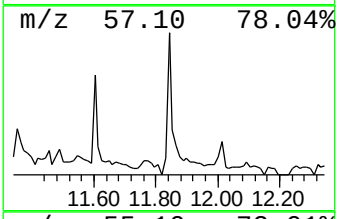


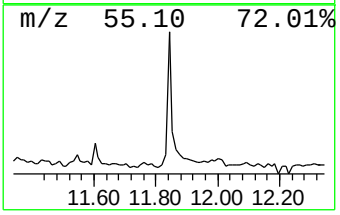












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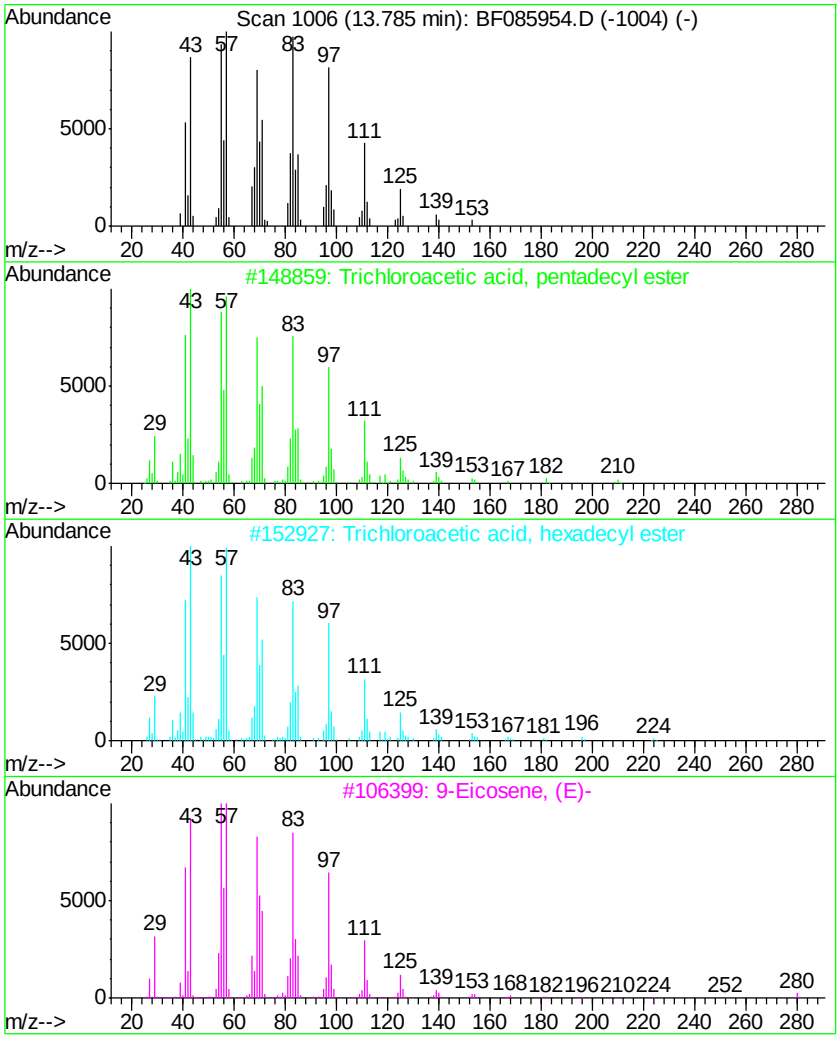
TIC Integration Parameters: LSCINT.P

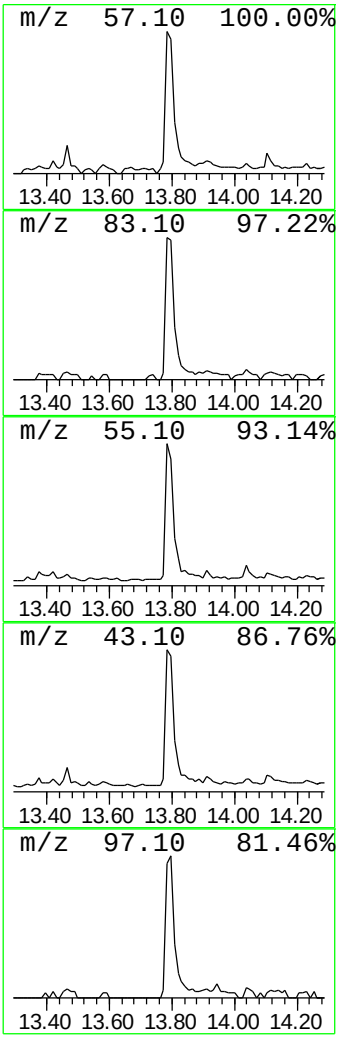
****

Peak Number 7 Trichloroacetic acid, penta... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.79	8.32 ng	216388	Chrysene-d12	13.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
4	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	90





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...	4.97	5.5	ng	173748	1	6.79	625844	20.0
unknown6.56	6.56	100.6	ng	3148330	1	6.79	625844	20.0
Hexadecane	10.26	2.1	ng	89518	3	9.83	843206	20.0
Tetracosane	10.73	2.6	ng	99501	4	11.30	766735	20.0
Pentadecanoic acid	11.84	3.6	ng	136383	4	11.30	766735	20.0
Trichloroacetic a...	13.79	8.3	ng	216388	5	13.95	520203	20.0