LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090515\
Data File : BF081515.D
Acq On : 6 Sep 2015 17:53
Operator : UM/IZ
Sample : G3555-08
Misc :
ALS Vial : 90 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-8

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	4.410	243	247	257	rVB	466599	933916	54.03%	6.630%
2	4.913	288	291	293	rBV	1543821	1728355	100.00%	12.270%
3	6.033	386	389	391	rBV	1659121	1713718	99.15%	12.166%
4	6.124	395	397	400	rVB	1628035	1503383	86.98%	10.673%
5	6.353	415	417	420	rBV	326871	314301	18.18%	2.231%
6	6.513	429	431	433	rBV	1293905	1108402	64.13%	7.869%
7	6.936	465	468	470	rBV	1071013	1015727	58.77%	7.211%
8	7.645	528	530	533	rBV	446528	380389	22.01%	2.700%
9	8.730	622	625	627	rBV	1721167	1515297	87.67%	10.757%
10	9.130	658	660	663	rBV	260608	250153	14.47%	1.776%
11	9.382	680	682	685	rVB2	312657	346077	20.02%	2.457%
12	10.171	748	751	753	rBV	905534	825585	47.77%	5.861%
13	10.319	762	764	767	rBV	24767	29256	1.69%	0.208%
14	10.765	801	803	804	rBV	21651	17500	1.01%	0.124%
15	10.856	808	811	813	rBV	248941	331342	19.17%	2.352%
16	11.428	859	861	872	rBV	84942	104368	6.04%	0.741%
17	12.045	913	915	918	rVB	62214	52082	3.01%	0.370%
18	12.262	932	934	937	rVB	38344	52824	3.06%	0.375%
19	12.331	937	940	942	rBV	17273	26818	1.55%	0.190%
20	12.434	947	949	952	rBV	997421	1017367	58.86%	7.222%
21	13.359	1028	1030	1036	rBV	96359	156902	9.08%	1.114%
22	13.462	1036	1039	1040	rVV	271886	315261	18.24%	2.238%
23	13.485	1040	1041	1043	rVB	28084	20887	1.21%	0.148%
24	13.988	1083	1085	1091	rVB2	10940	27202	1.57%	0.193%
25	14.445	1123	1125	1130	rBV	18900	31528	1.82%	0.224%
26	14.765	1151	1153	1156	rBV	204246	204255	11.82%	1.450%
27	15.154	1184	1187	1190	rBV	14307	23499	1.36%	0.167%
28	15.314	1198	1201	1207	rVB6	8830	19164	1.11%	0.136%
29	16.068	1264	1267	1271	rVB4	9758	20777	1.20%	0.147%

Sum of corrected areas: 14086335

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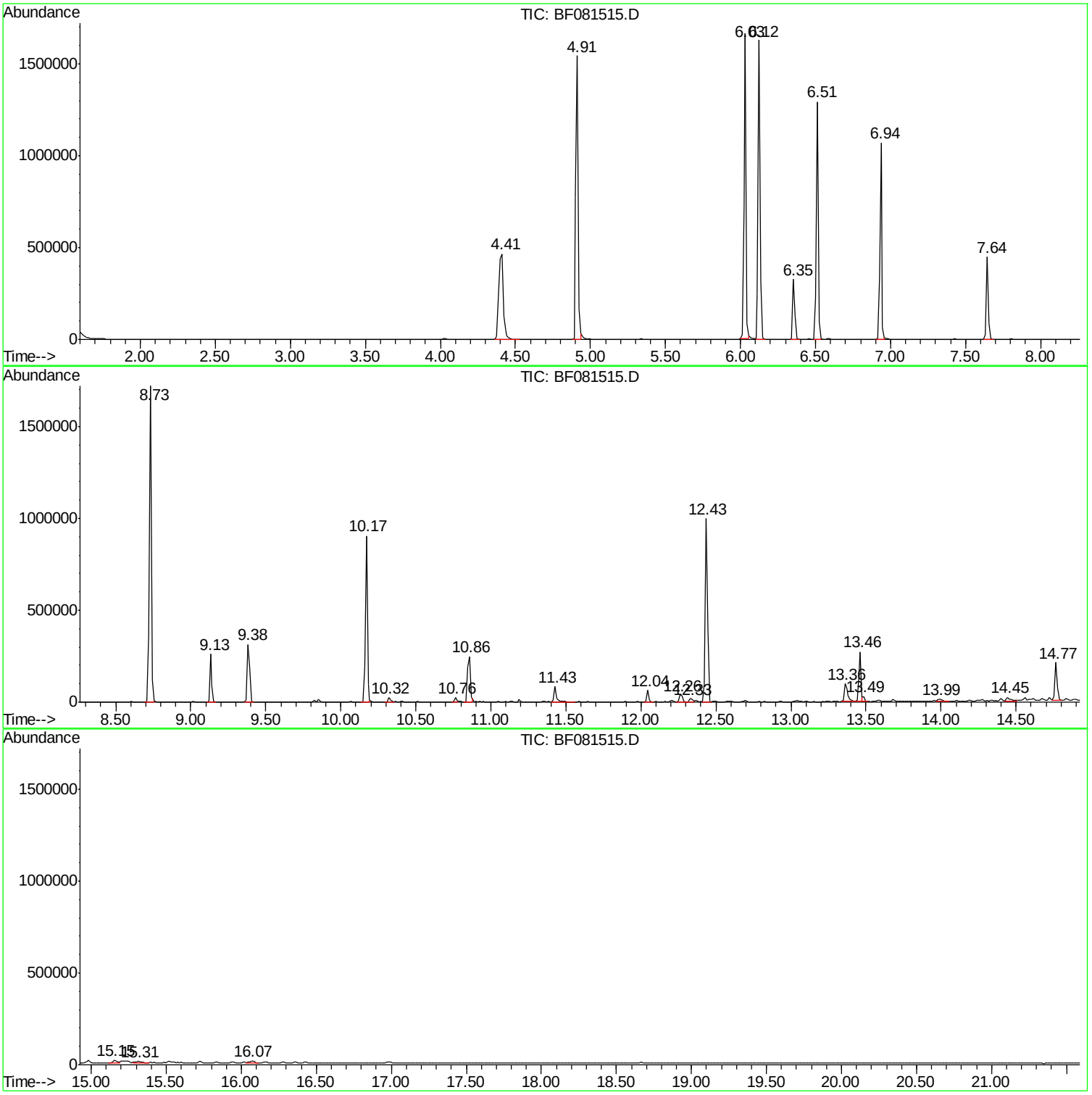
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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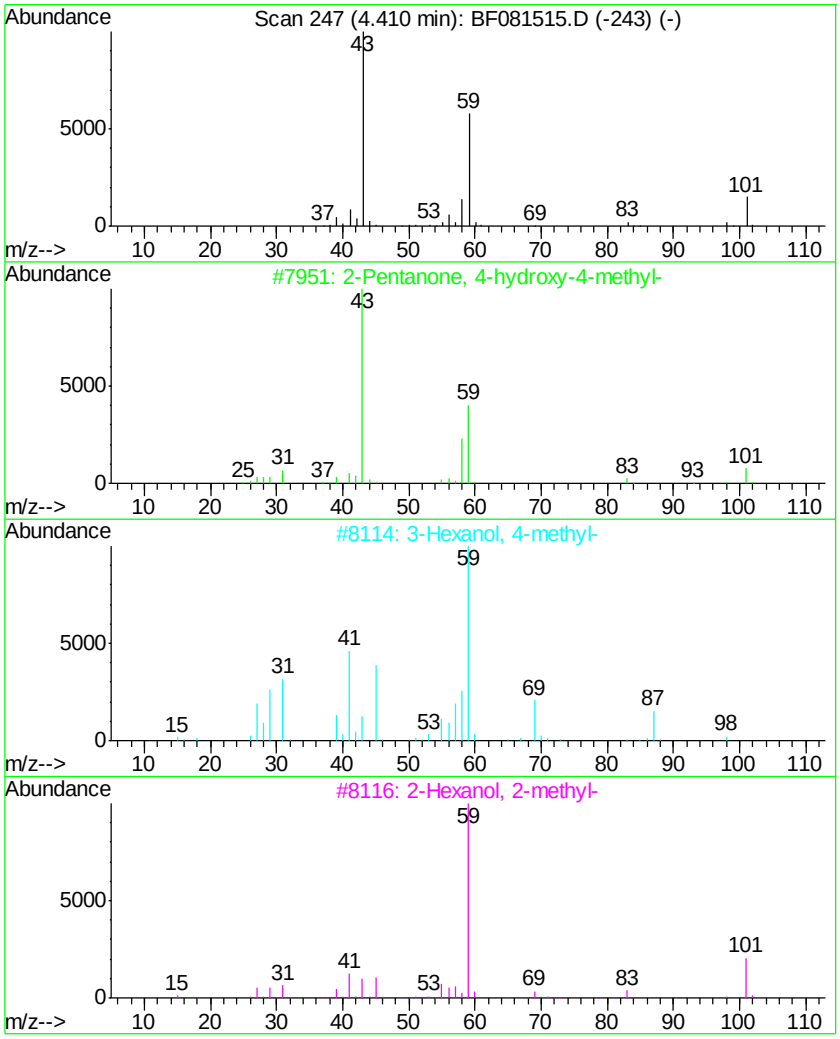
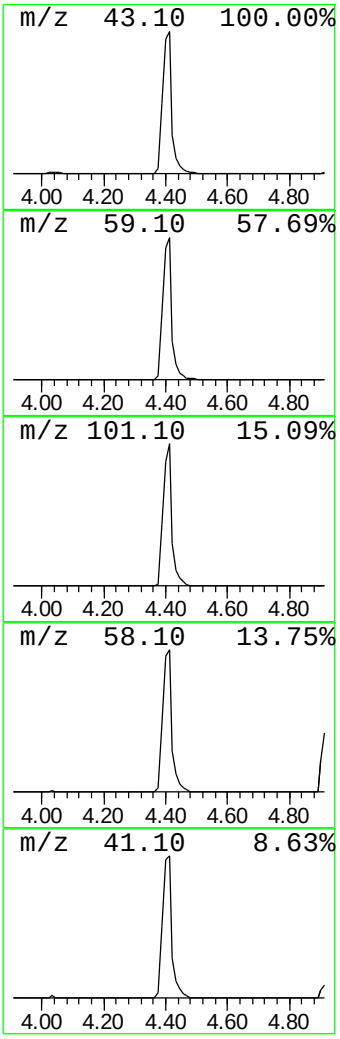
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.41	59.43 ng	933916	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





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ClientSampleId : SB-8

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF090115.M
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TIC Library : C:\DATABASE\NIST02.L
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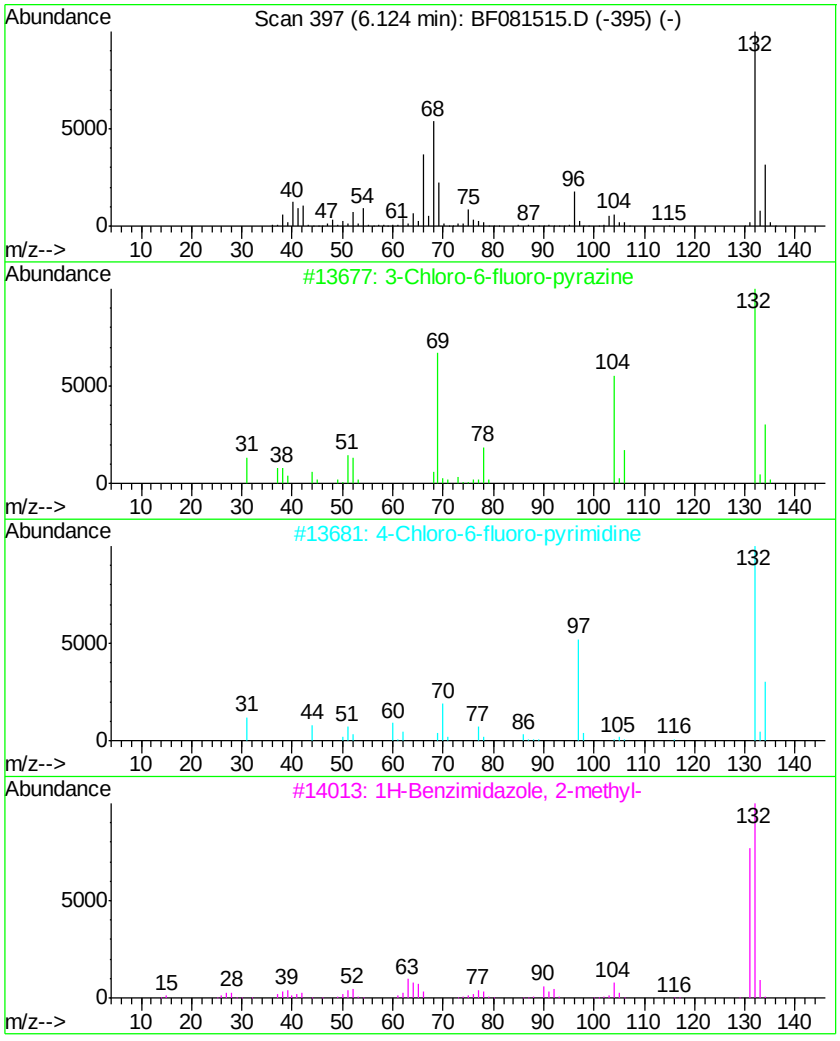
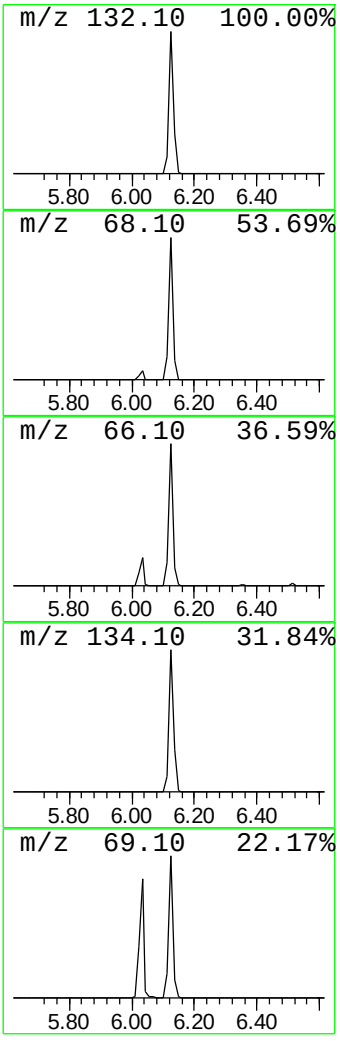
Peak Number 2 unknown6.12 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.12	95.67 ng	1503380	1,4-Dichlorobenzene-d4	6.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	27
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
4	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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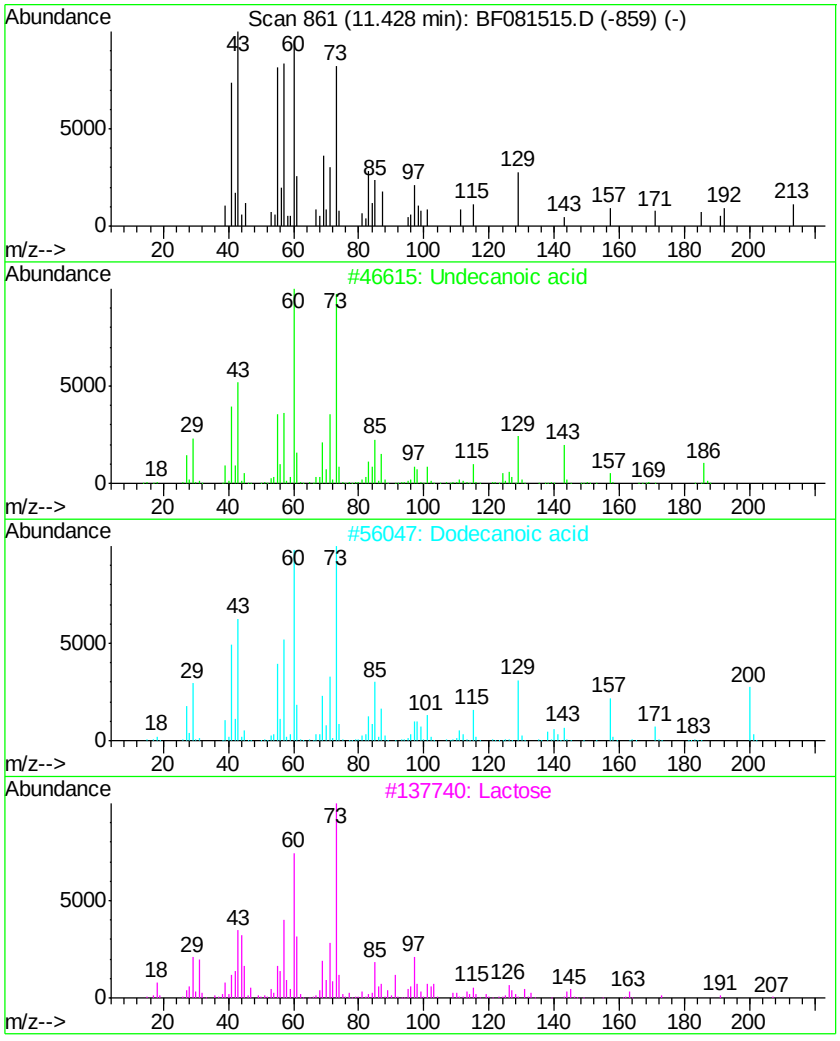
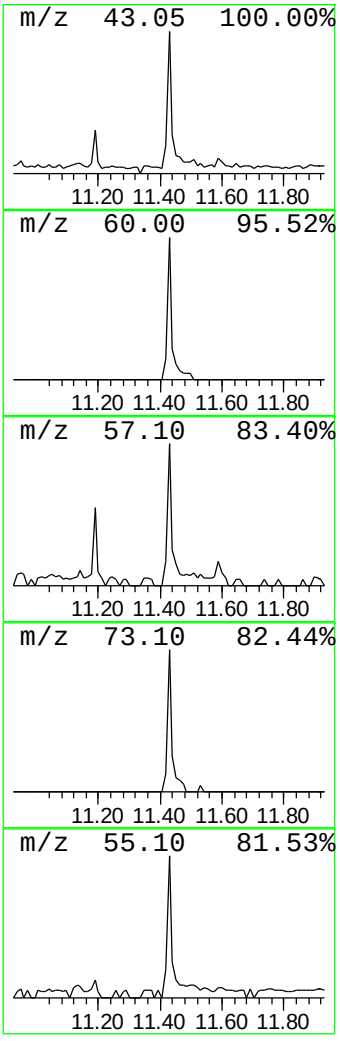
Peak Number 4 Undecanoic acid Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.43	6.30 ng	104368	Phenanthrene-d10	10.86

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Undecanoic acid	186	C11H22O2	000112-37-8	59
2	Dodecanoic acid	200	C12H24O2	000143-07-7	59
3	Lactose	342	C12H22O11	000063-42-3	47
4	.alpha.-D-Glucopyranoside, .alph...	342	C12H22O11	000099-20-7	47
5	n-Decanoic acid	172	C10H20O2	000334-48-5	47





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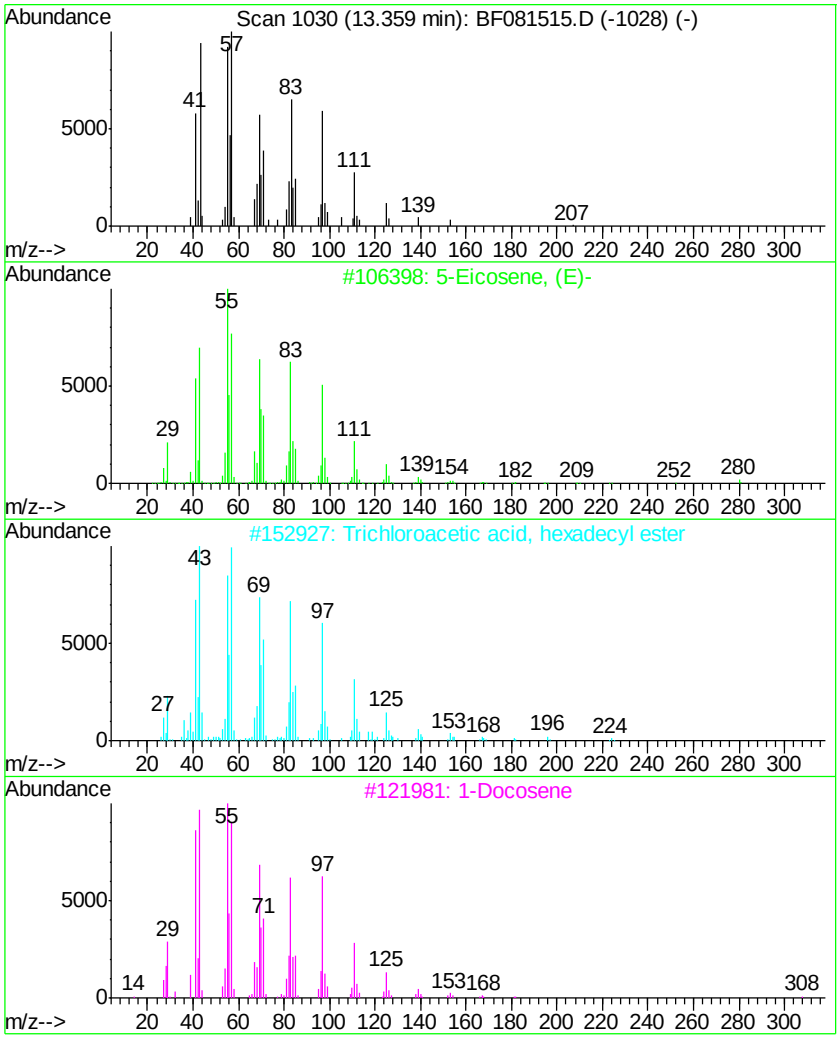
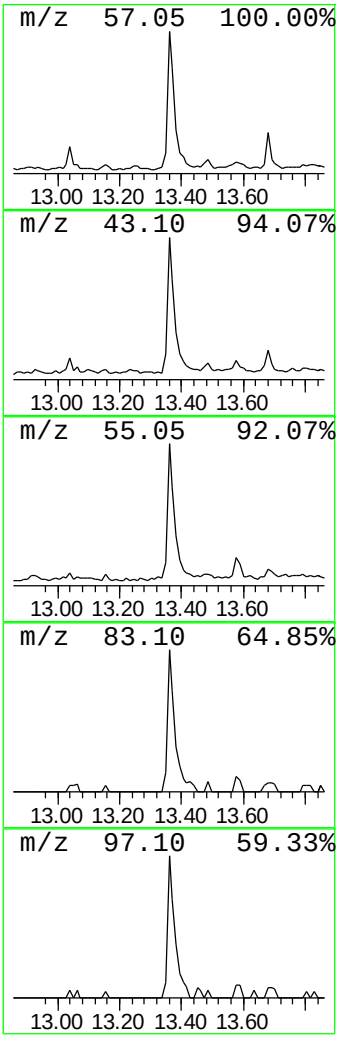
Peak Number 5 5-Eicosene, (E)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.36	9.95 ng	156902	Chrysene-d12	13.46

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	90
3	1-Docosene	308	C22H44	001599-67-3	74
4	Pentafluoropropionic acid, octad...	416	C21H37F5O2	1000280-07-7	72
5	1-Tetracosanol	354	C24H50O	000506-51-4	68





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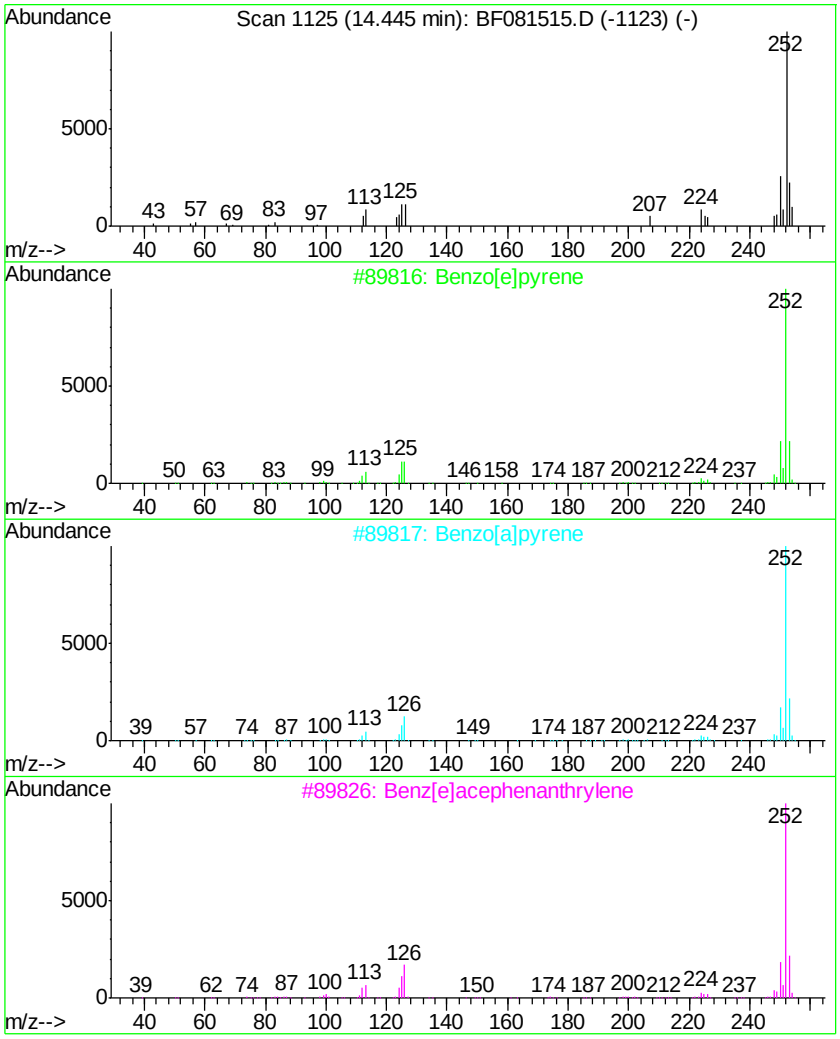
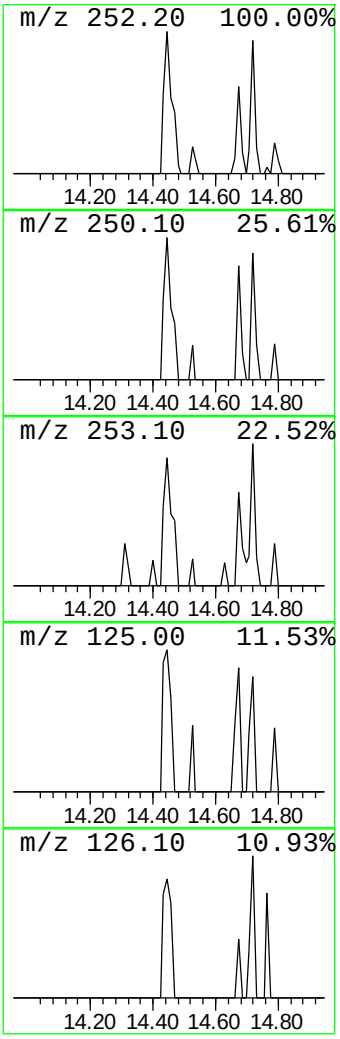
Peak Number 6 Benzo[e]pyrene Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.45	3.09 ng	31528	Perylene-d12	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benzo[a]pyrene	252	C20H12	000050-32-8	76
3	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	76
4	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
5	Perylene	252	C20H12	000198-55-0	72





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Instrument : BNA_F
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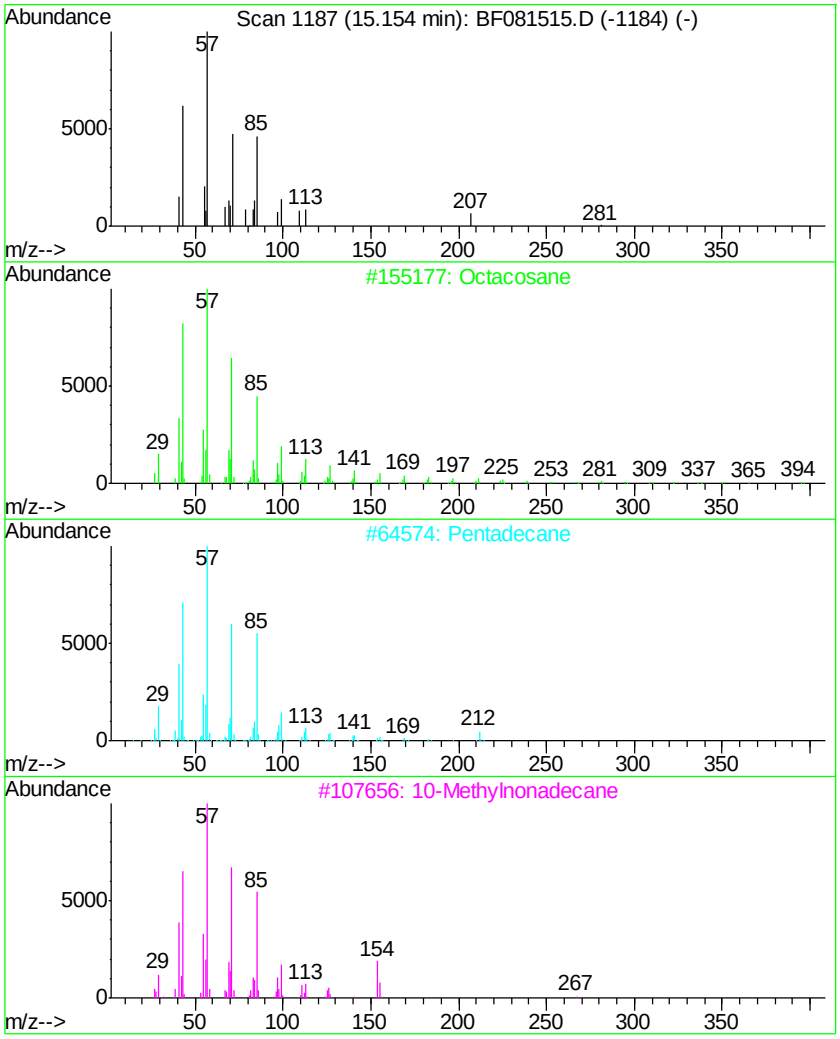
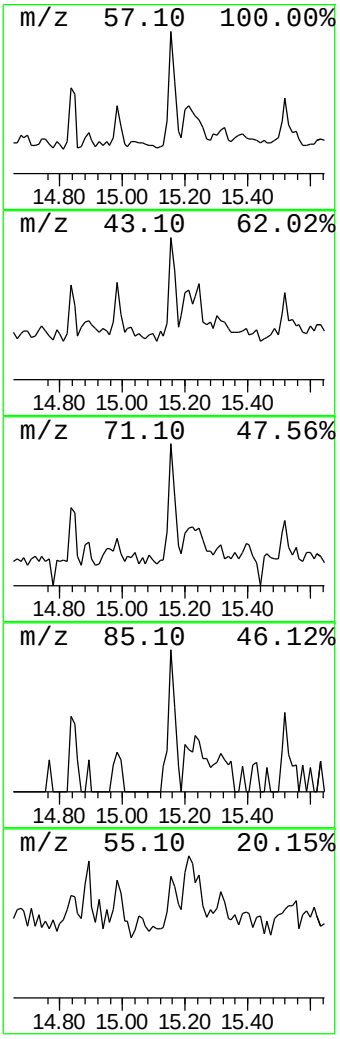
Peak Number 7 Octacosane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	2.30 ng	23499	Perylene-d12	14.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octacosane	394	C28H58	000630-02-4	78
2	Pentadecane	212	C15H32	000629-62-9	78
3	10-Methylnonadecane	282	C20H42	056862-62-5	72
4	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	64
5	Nonadecane	268	C19H40	000629-92-5	64





Tentatively Identified Compound (LSC) summary

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.41	59.4	ng	933916	1	6.35	314301	20.0
unknown6.12	6.12	95.7	ng	1503380	1	6.35	314301	20.0
Undecanoic acid	11.43	6.3	ng	104368	4	10.86	331342	20.0
5-Eicosene, (E)-	13.36	9.9	ng	156902	5	13.46	315261	20.0
Benzo[e]pyrene	14.45	3.1	ng	31528	6	14.77	204255	20.0
Octacosane	15.15	2.3	ng	23499	6	14.77	204255	20.0