LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF090315\
Data File : BF081398.D
Acq On : 4 Sep 2015 2:44
Operator : UM/IZ
Sample : G3505-07
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : P005-BF004-01

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	3.530	168	170	180	rBV	70334	150802	6.50%	0.749%
2	4.421	244	248	262	rVB	841350	1775099	76.48%	8.820%
3	4.924	289	292	295	rBV	1958341	2080871	89.66%	10.340%
4	5.347	327	329	333	rBV	27060	25710	1.11%	0.128%
5	6.044	387	390	392	rBV	2075025	2320923	100.00%	11.532%
6	6.136	396	398	401	rBV	1986769	1869249	80.54%	9.288%
7	6.364	416	418	421	rVB	406621	359600	15.49%	1.787%
8	6.524	429	432	434	rBV	1814038	1591271	68.56%	7.907%
9	6.947	466	469	471	rBV	1376559	1412366	60.85%	7.018%
10	7.656	529	531	533	rBV	556709	467402	20.14%	2.322%
11	8.742	623	626	628	rBV	2370932	2193882	94.53%	10.901%
12	9.142	659	661	664	rBV	330386	310284	13.37%	1.542%
13	9.393	681	683	686	rVB	376382	464070	20.00%	2.306%
14	10.182	749	752	755	rBV	1323890	1261194	54.34%	6.267%
15	10.331	763	765	769	rBV	31859	38289	1.65%	0.190%
16	10.776	802	804	805	rBV	33389	28068	1.21%	0.139%
17	10.868	809	812	814	rBV	383642	504909	21.75%	2.509%
18	11.439	860	862	868	rBV	142216	159817	6.89%	0.794%
19	12.056	914	916	918	rVB	64924	56757	2.45%	0.282%
20	12.216	927	930	933	rBV	17595	23565	1.02%	0.117%
21	12.274	933	935	937	rBV	36305	49685	2.14%	0.247%
22	12.456	948	951	953	rBV	1436593	2070591	89.21%	10.289%
23	13.371	1029	1031	1037	rBV	86722	146918	6.33%	0.730%
24	13.474	1037	1040	1041	rVV	288477	420323	18.11%	2.089%
25	13.497	1041	1042	1046	rVB	32708	27410	1.18%	0.136%
26	13.988	1083	1085	1092	rBV3	13249	29539	1.27%	0.147%
27	14.457	1124	1126	1130	rBV	18128	33083	1.43%	0.164%
28	14.777	1152	1154	1157	rBV	246910	253531	10.92%	1.260%

Sum of corrected areas: 20125208

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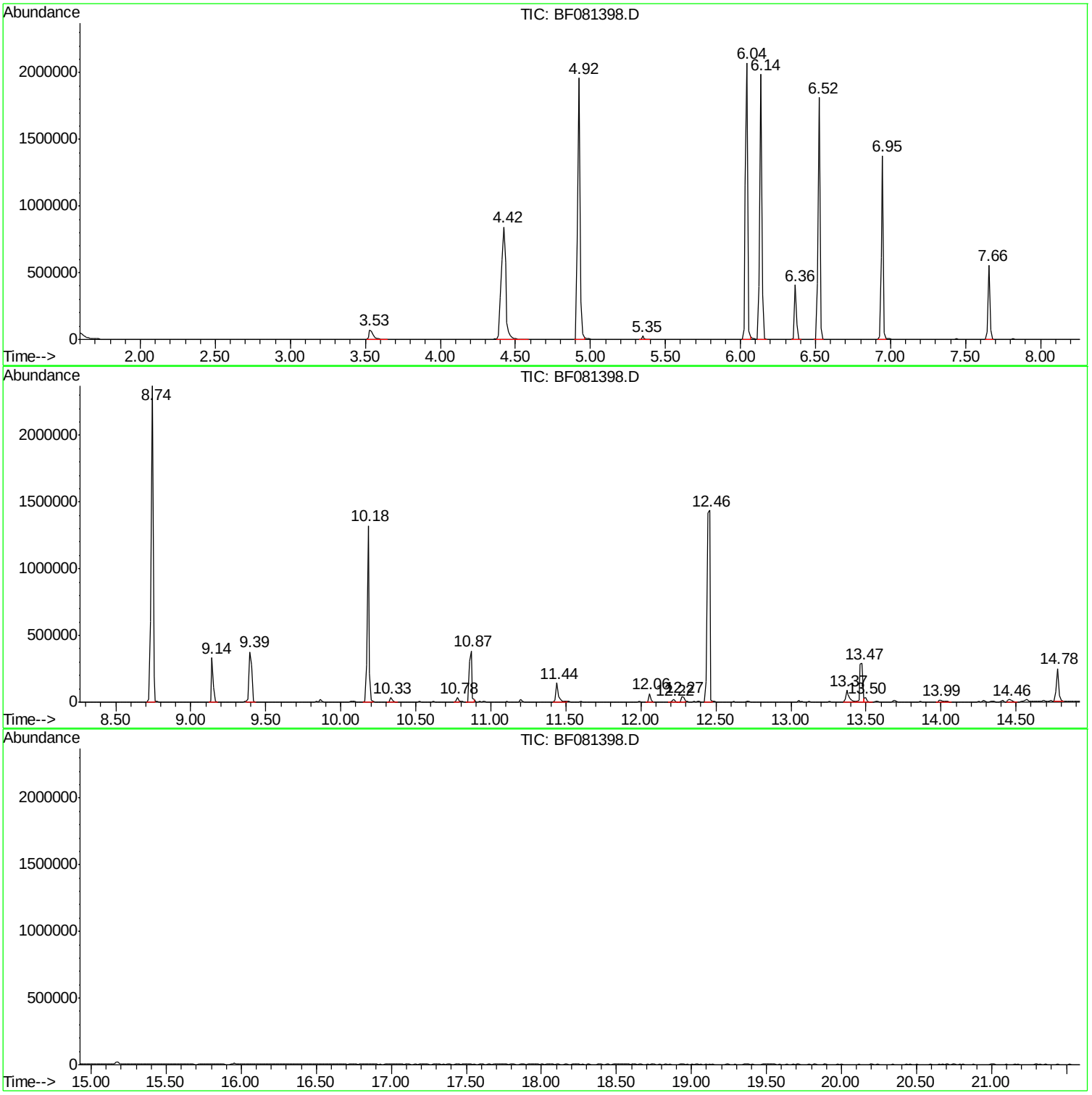
BNA_F
ClientSampleId :
P005-BF004-01

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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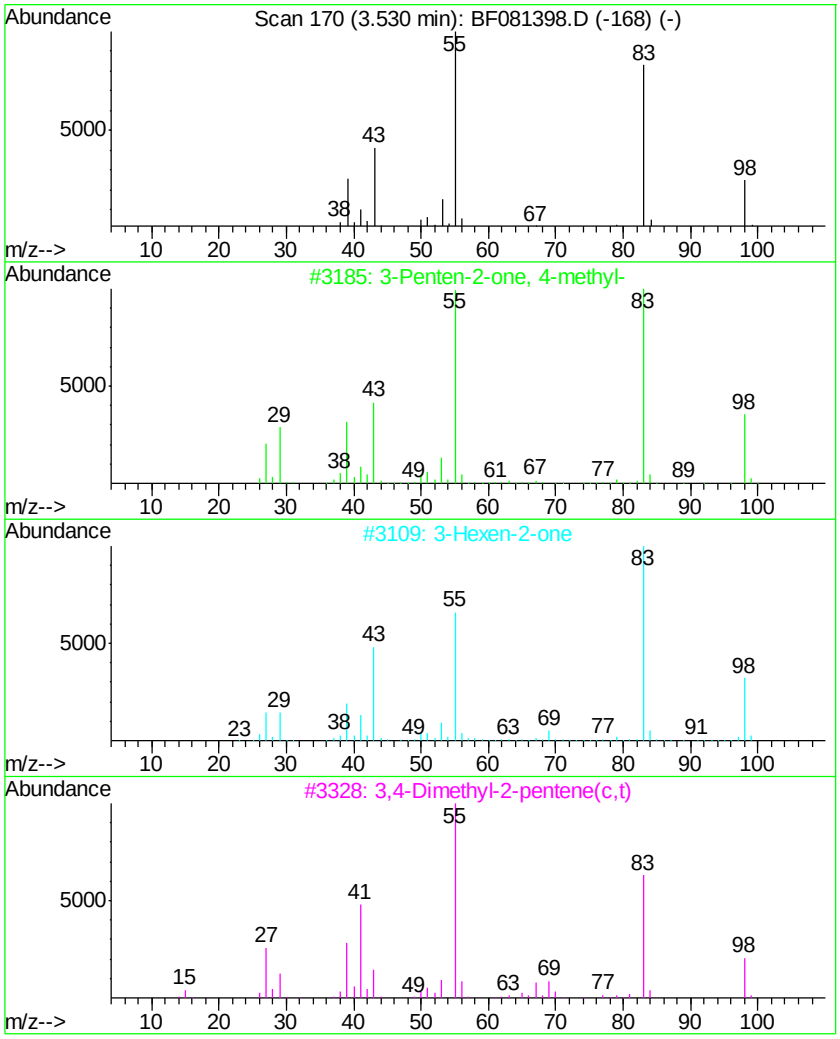
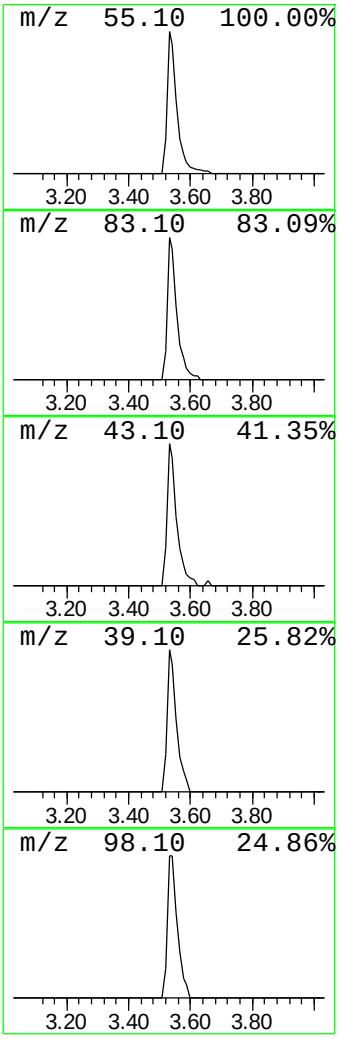
Peak Number 1 3-Penten-2-one, 4-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.53	8.39 ng	150802	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	86
3	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	80
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	72
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	72





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Instrument : BNA_F
ClientSampleId : P005-BF004-01

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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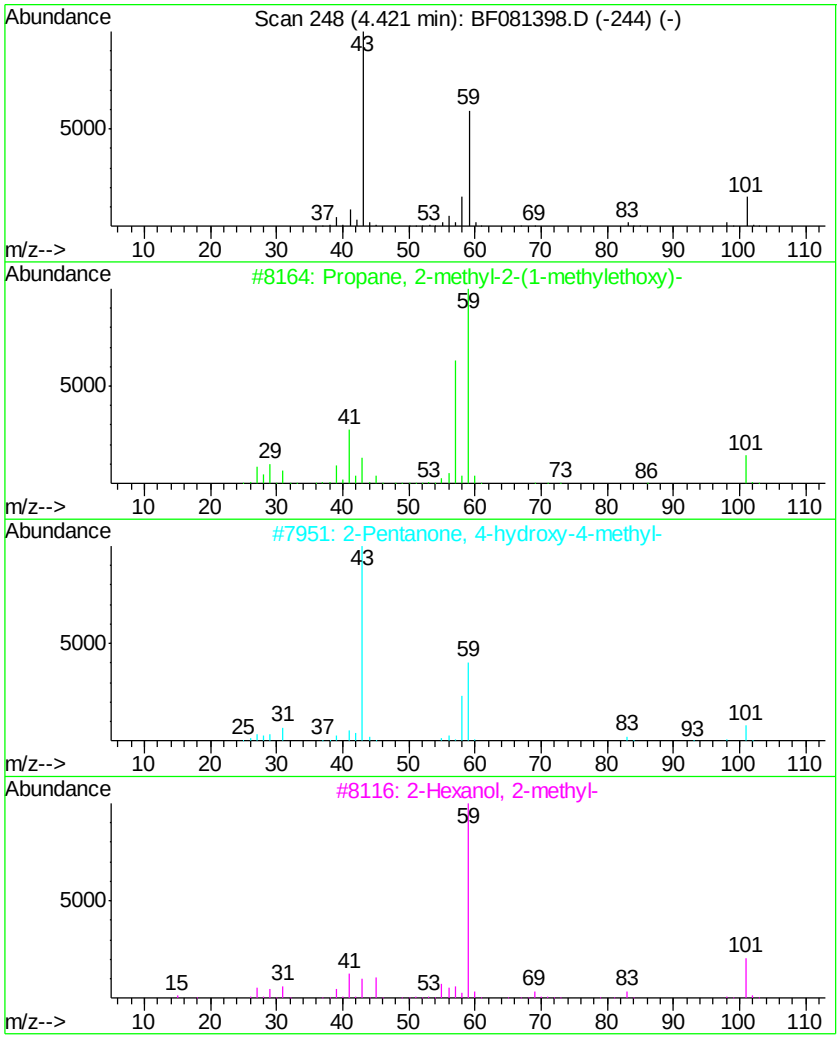
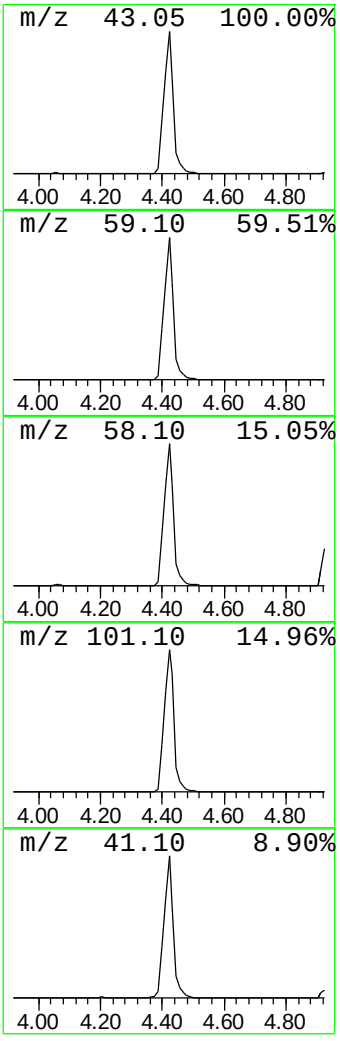
Peak Number 2 Propane, 2-methyl-2-(1-meth... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.42	98.73 ng	1775100	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	53
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
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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Sample : G3505-07
Misc :
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Instrument : BNA_F
ClientSampleId : P005-BF004-01

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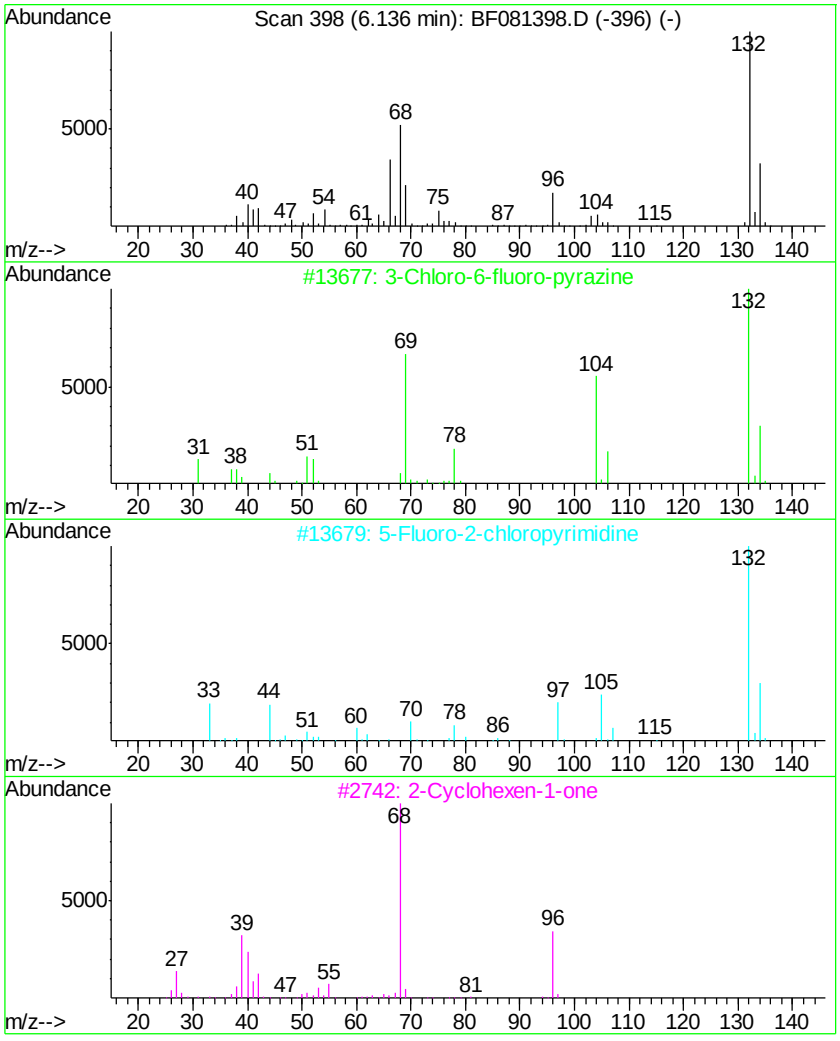
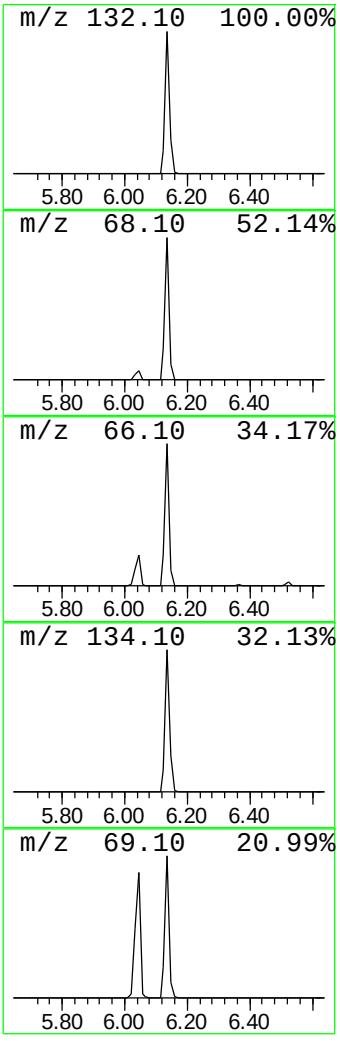
Peak Number 3 unknown6.14 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.14	103.96 ng	1869250	1,4-Dichlorobenzene-d4	6.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10





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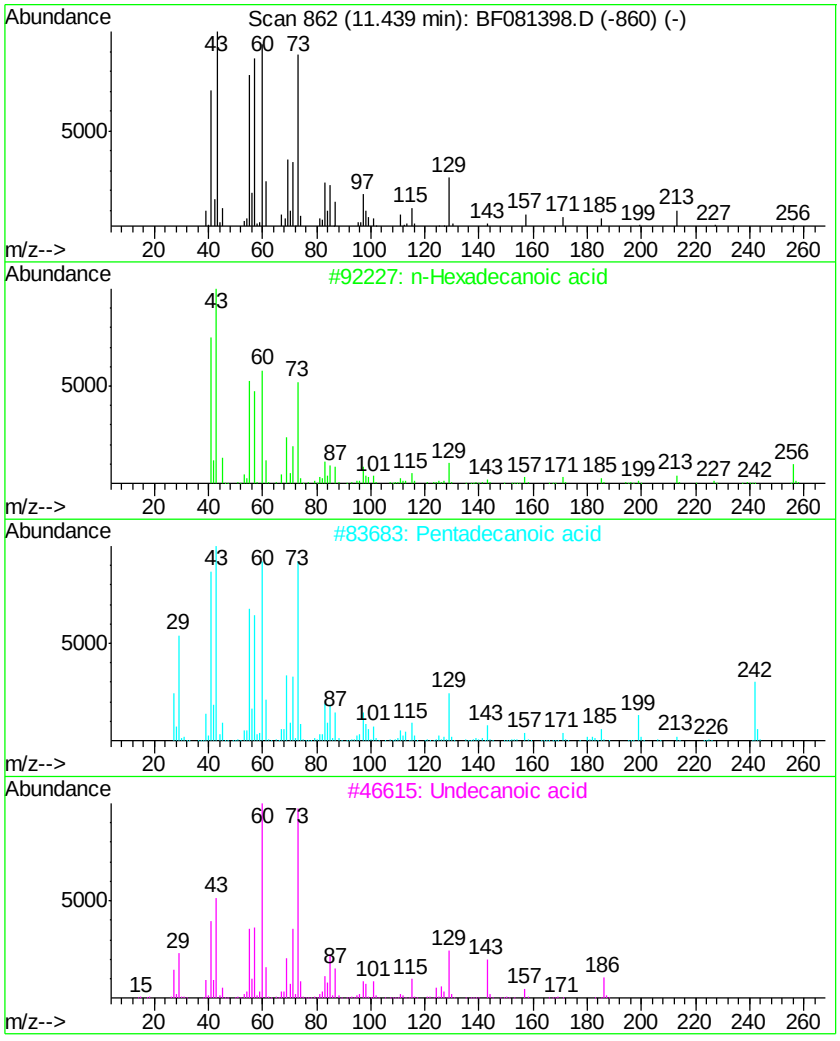
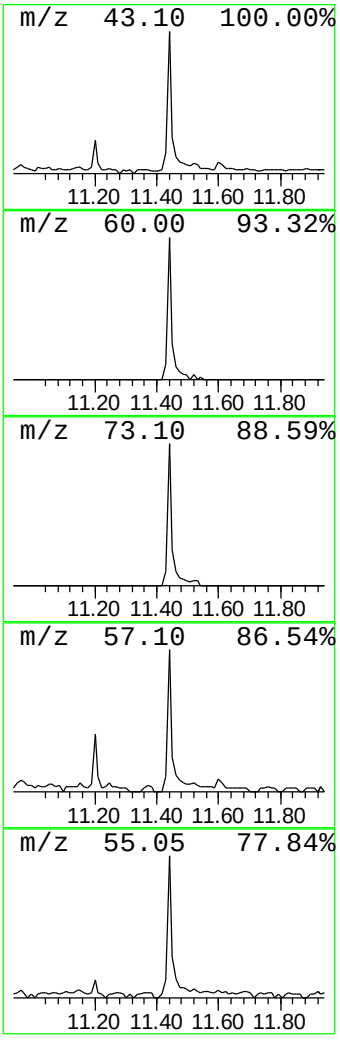
Peak Number 5 n-Hexadecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.44	6.33 ng	159817	Phenanthrene-d10	10.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2	Pentadecanoic acid	242	C15H30O2	001002-84-2	90
3	Undecanoic acid	186	C11H22O2	000112-37-8	80
4	Tridecanoic acid	214	C13H26O2	000638-53-9	80
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	64





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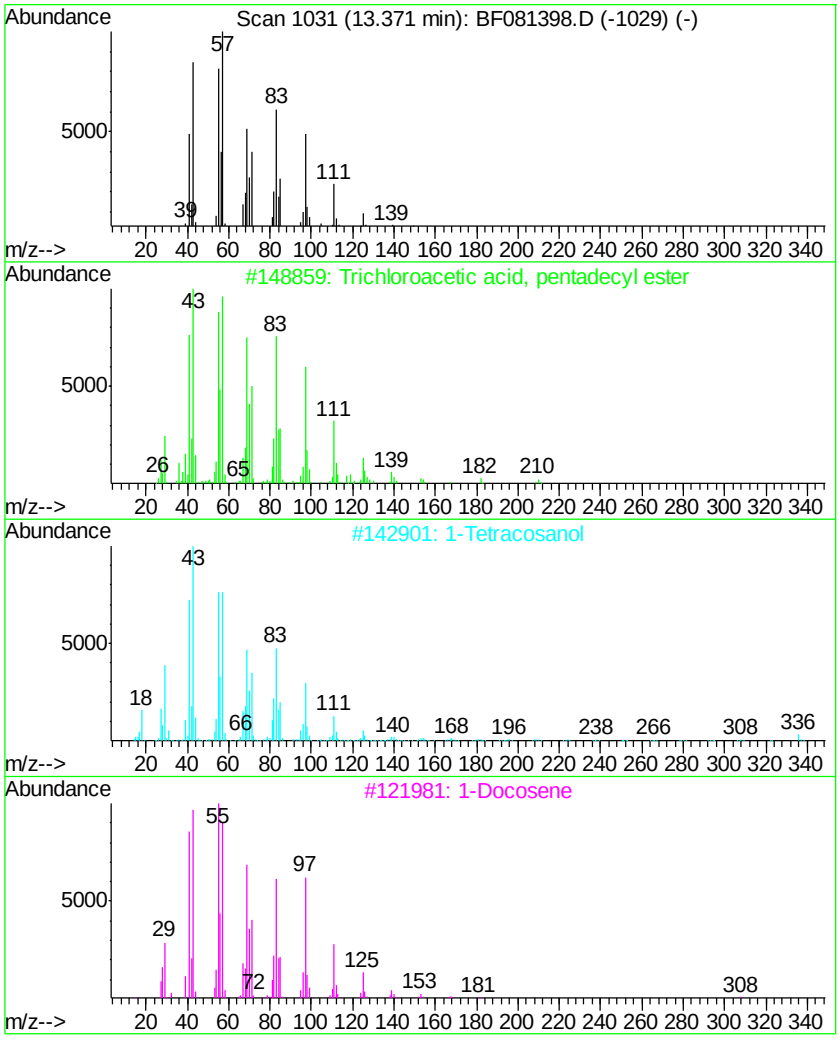
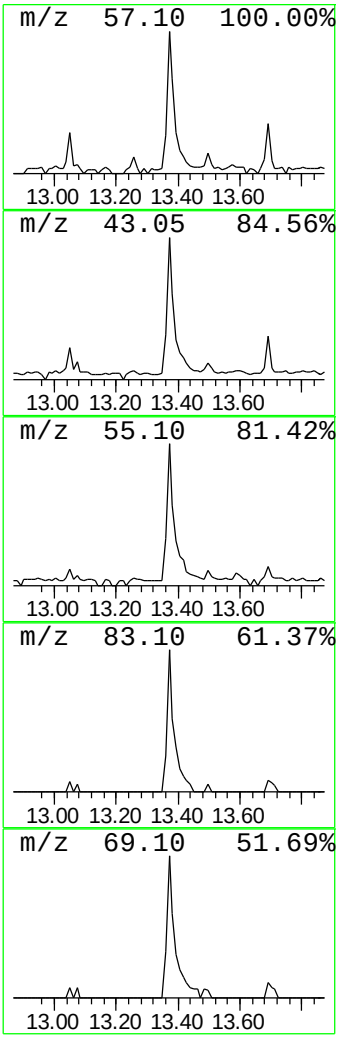
Peak Number 6 Trichloroacetic acid, penta... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.99 ng	146918	Chrysene-d12	13.47

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
2	1-Tetracosanol	354	C24H50O	000506-51-4	87
3	1-Docosene	308	C22H44	001599-67-3	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	83
5	1-Hexacosanol	382	C26H54O	000506-52-5	83





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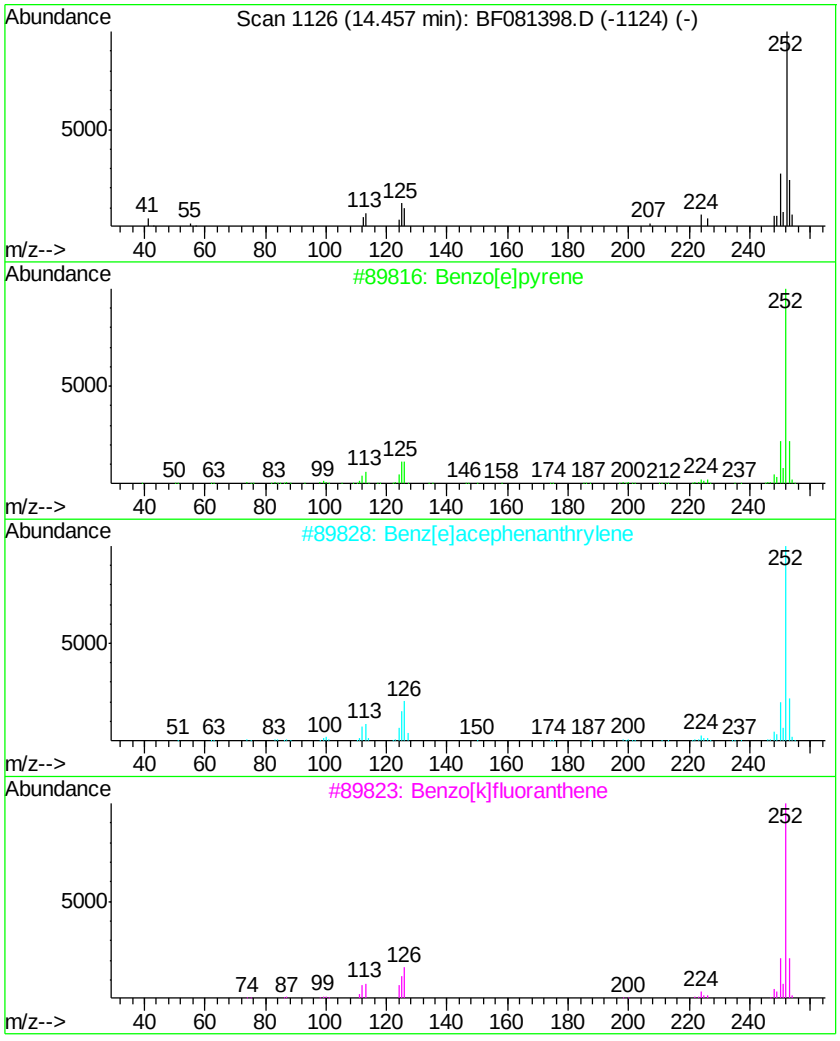
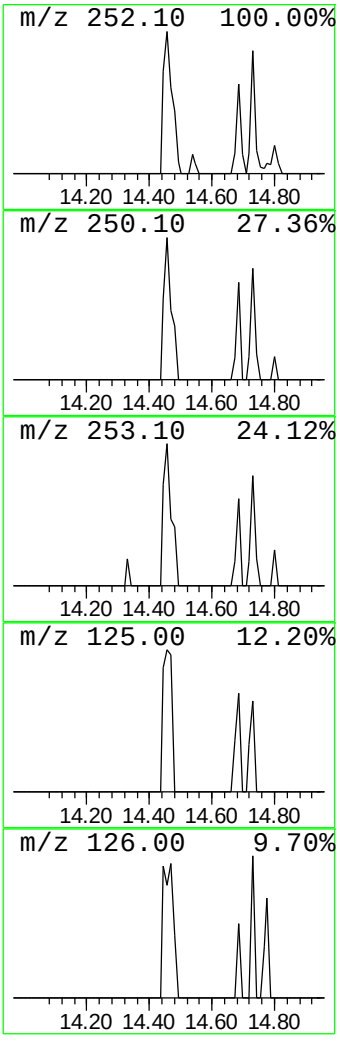
Peak Number 7 Benzo[e]pyrene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.46	2.61 ng	33083	Perylene-d12	14.78

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzo[e]pyrene	252	C20H12	000192-97-2	81
2	Benz[e]acephenanthrylene	252	C20H12	000205-99-2	74
3	Benzo[k]fluoranthene	252	C20H12	000207-08-9	74
4	Benzo[a]pyrene	252	C20H12	000050-32-8	74
5	Benzo[j]fluoranthene	252	C20H12	000205-82-3	72





Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
3-Penten-2-one, 4...	3.53	8.4	ng	150802	1	6.36	359600	20.0
Propane, 2-methyl...	4.42	98.7	ng	1775100	1	6.36	359600	20.0
unknown6.14	6.14	104.0	ng	1869250	1	6.36	359600	20.0
n-Hexadecanoic acid	11.44	6.3	ng	159817	4	10.87	504909	20.0
Trichloroacetic a...	13.37	7.0	ng	146918	5	13.47	420323	20.0
Benzo[e]pyrene	14.46	2.6	ng	33083	6	14.78	253531	20.0