LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102115\
Data File : BF082439.D
Acq On : 22 Oct 2015 8:57
Operator : UM/IZ
Sample : G4117-07
Misc :
ALS Vial : 38 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : AB-AC-06(0-2)

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-BF101015.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	4.937	242	245	255	rVB	835673	1405228	51.38%	6.295%
2	5.372	280	283	285	rBV	2192368	2347971	85.85%	10.518%
3	5.772	316	318	320	rBV	20191	27353	1.00%	0.123%
4	6.423	372	375	377	rBV	1886679	2405461	87.95%	10.775%
5	6.537	383	385	388	rBV	2237956	2216892	81.06%	9.931%
6	6.766	403	405	408	rBV	631764	592471	21.66%	2.654%
7	6.926	417	419	421	rBV	1866539	1705634	62.36%	7.640%
8	7.337	453	455	458	rBV	994010	1381904	50.53%	6.190%
9	8.058	516	518	520	rBV	909305	769951	28.15%	3.449%
10	9.143	610	613	615	rBV	2464326	2734968	100.00%	12.251%
11	9.532	645	647	650	rBV	383397	411899	15.06%	1.845%
12	9.818	669	672	674	rBV	811046	842888	30.82%	3.776%
13	10.241	708	709	711	rVB	43744	39835	1.46%	0.178%
14	10.606	738	741	743	rBV	1279774	1216611	44.48%	5.450%
15	10.721	749	751	754	rBV	58900	73206	2.68%	0.328%
16	11.166	788	790	791	rBV	57449	49467	1.81%	0.222%
17	11.304	800	802	804	rBV	699726	703171	25.71%	3.150%
18	11.829	846	848	856	rBV	43606	57161	2.09%	0.256%
19	12.892	938	941	943	rBV	1957394	1815749	66.39%	8.134%
20	13.818	1020	1022	1032	rBV	71601	128089	4.68%	0.574%
21	13.978	1033	1036	1038	rBV	577070	647404	23.67%	2.900%
22	14.492	1077	1081	1082	rBV2	17883	36397	1.33%	0.163%
23	15.487	1165	1168	1175	rBV	491291	641511	23.46%	2.874%
24	16.127	1222	1224	1233	rVB9	18649	72495	2.65%	0.325%

Sum of corrected areas: 22323716

LSC Report - Integrated Chromatogram

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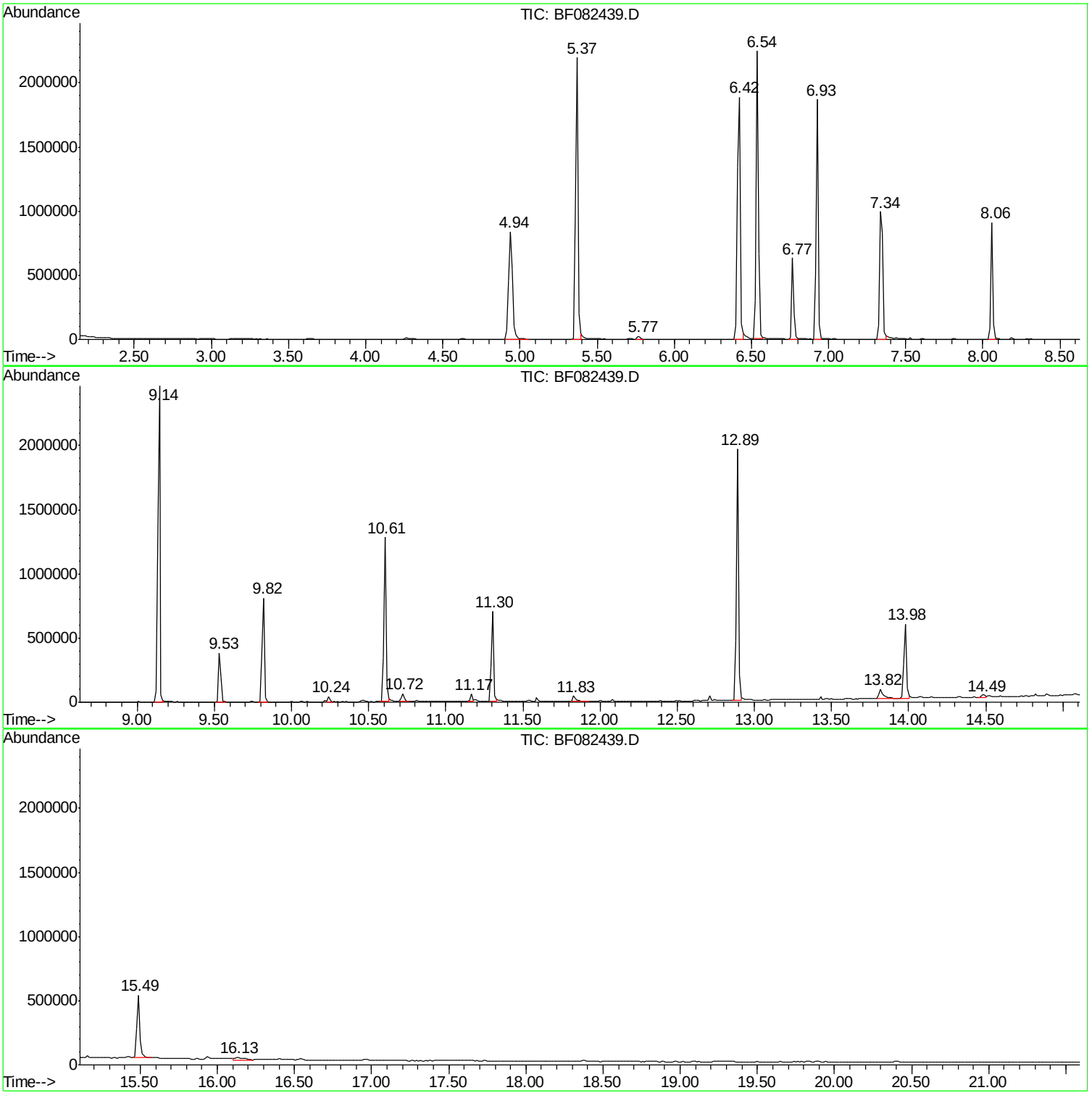
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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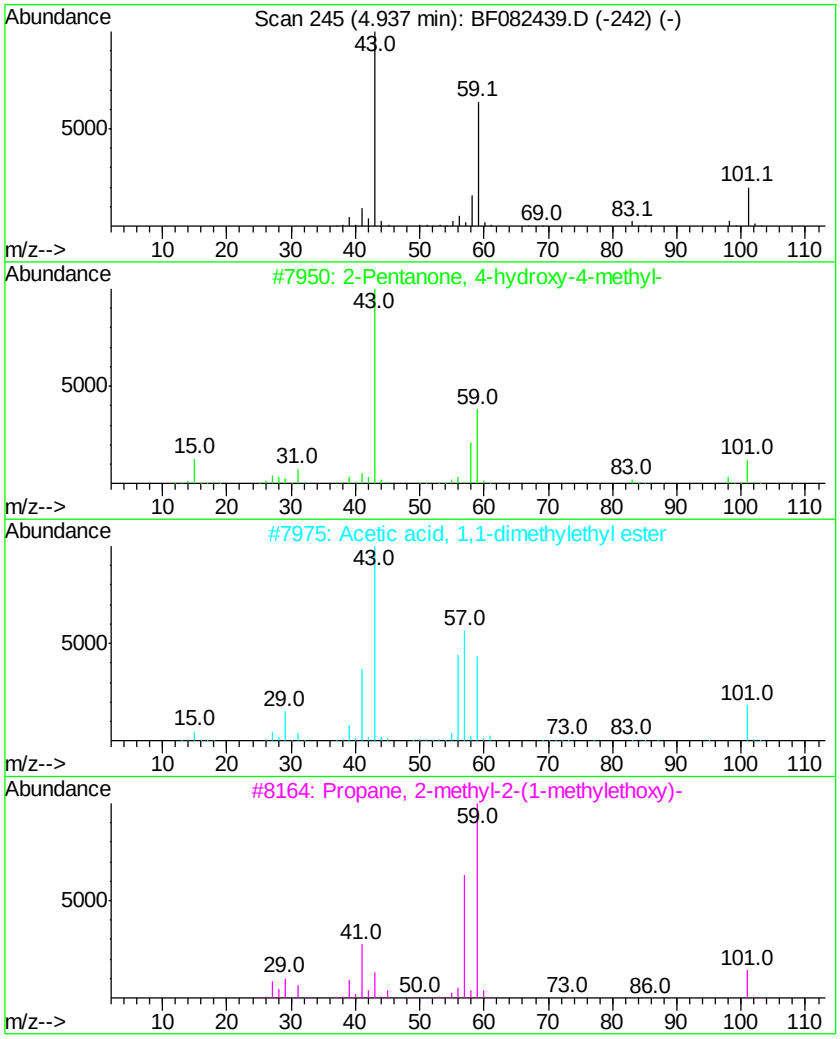
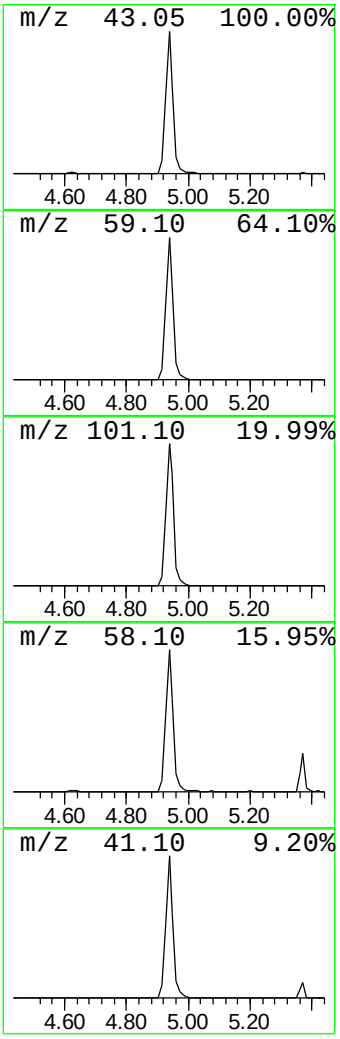
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	47.44 ng	1405230	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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ClientSampleId : AB-AC-06(0-2)

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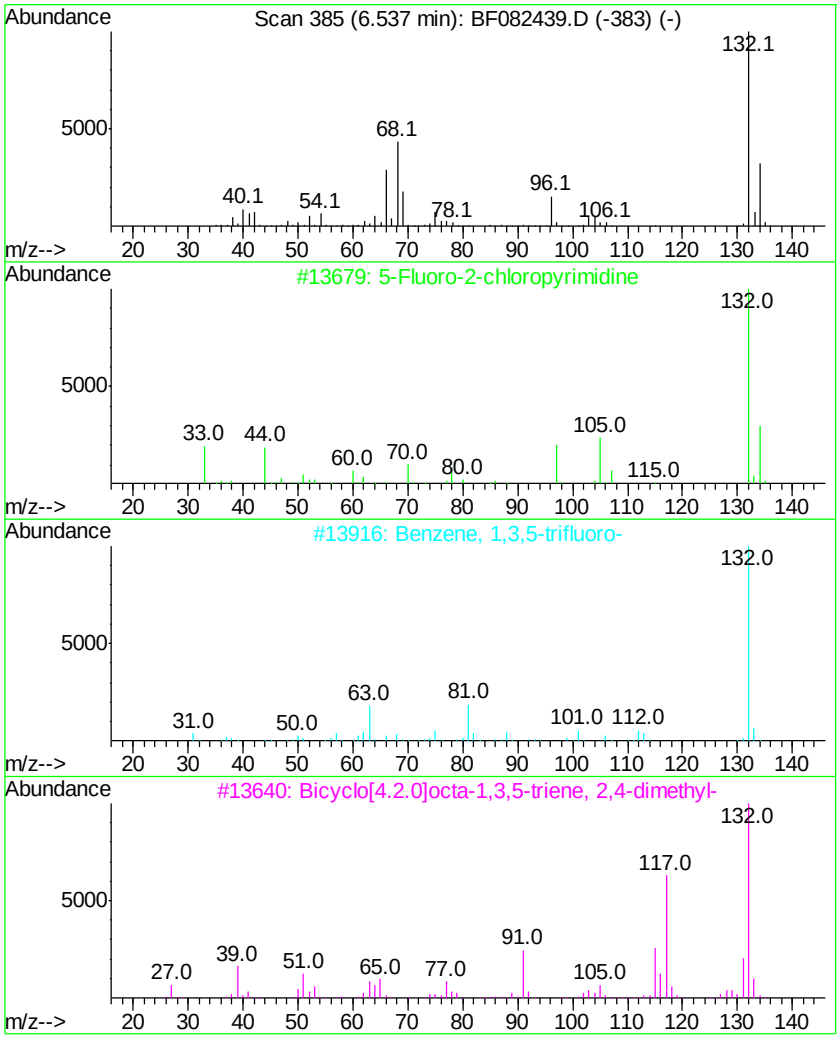
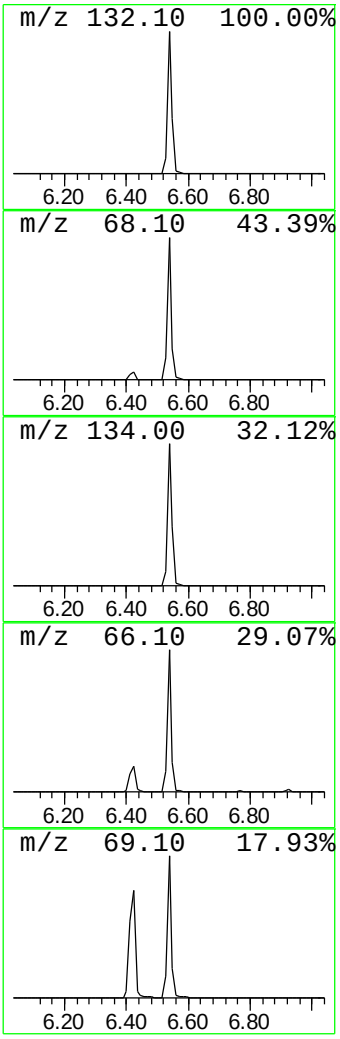
Peak Number 2 unknown6.54 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.54	74.84 ng	2216890	1,4-Dichlorobenzene-d4	6.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





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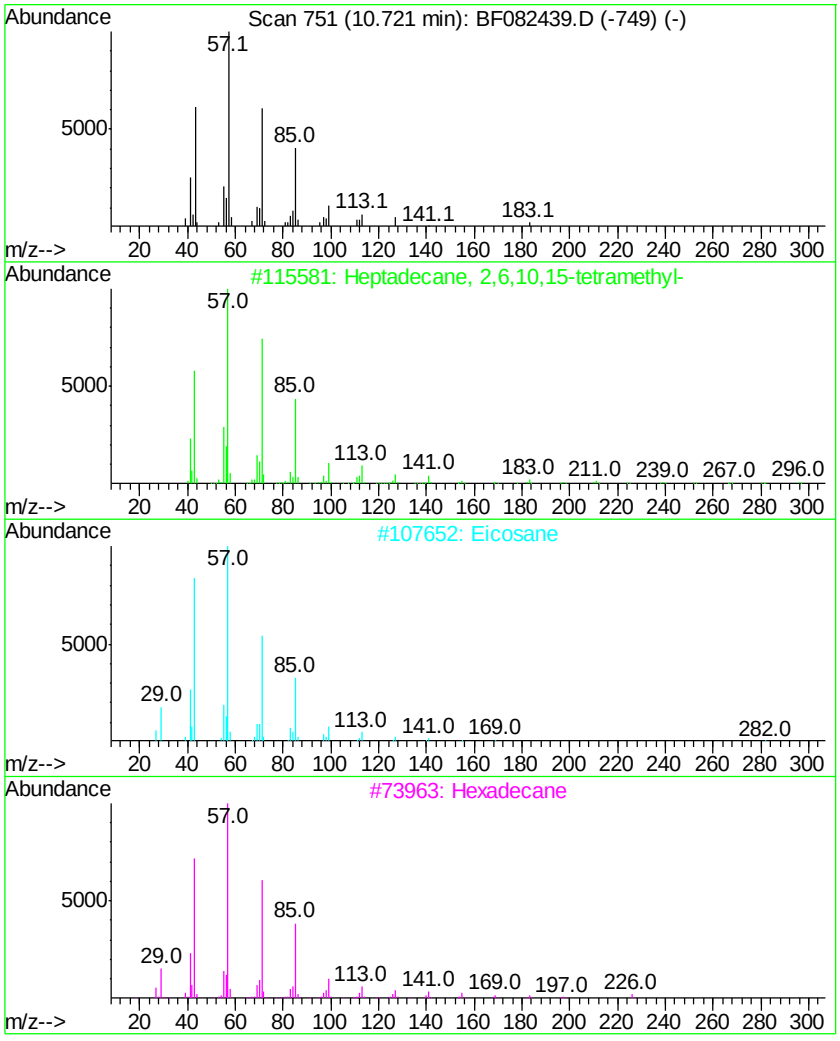
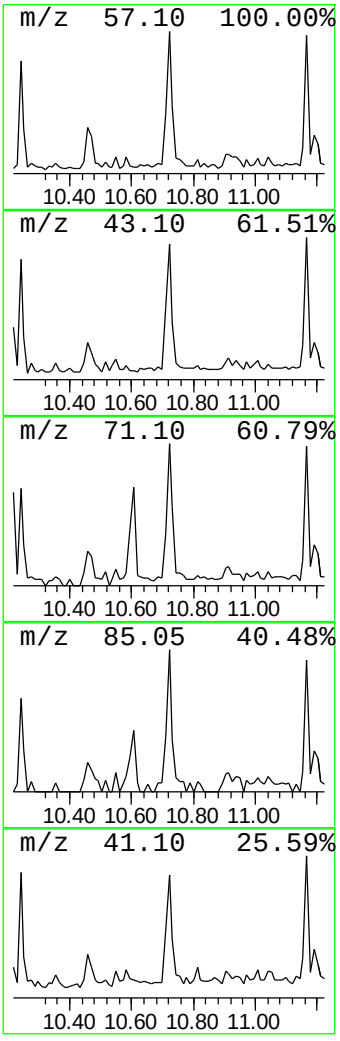
Peak Number 4 Heptadecane, 2,6,10,15-tetr... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.72	2.08 ng	73206	Phenanthrene-d10	11.30

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heptadecane, 2,6,10,15-tetramethyl-	296	C21H44	054833-48-6	91
2	Eicosane	282	C20H42	000112-95-8	90
3	Hexadecane	226	C16H34	000544-76-3	90
4	Heptacosane	380	C27H56	000593-49-7	90
5	Heptadecane	240	C17H36	000629-78-7	90





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Instrument : BNA_F
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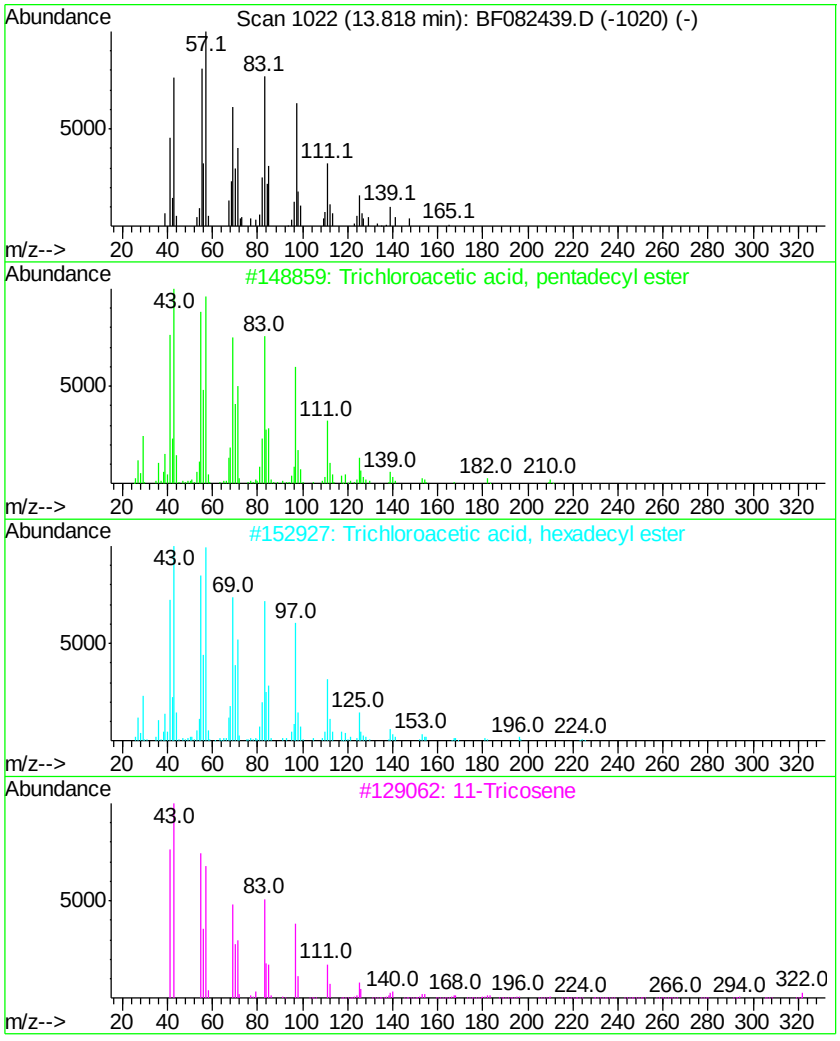
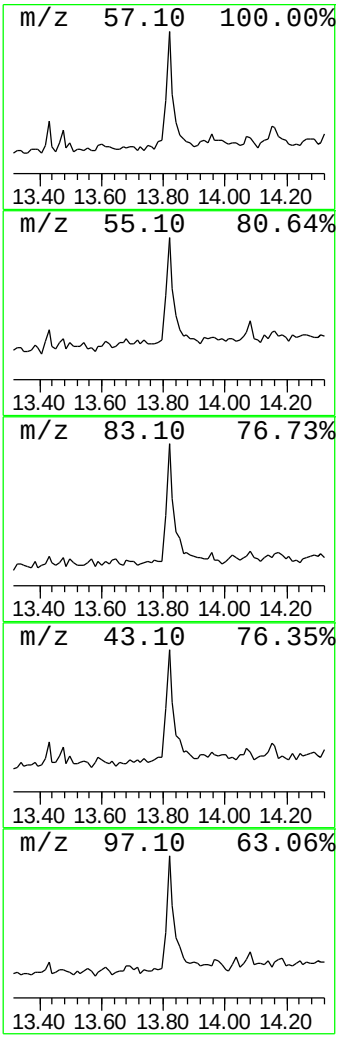
Peak Number 5 Trichloroacetic acid, penta... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.82	3.96 ng	128089	Chrysene-d12	13.98

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	11-Tricosene	322	C23H46	052078-56-5	90
4	5-Eicosene, (E)-	280	C20H40	074685-30-6	80
5	1-Tetracosanol	354	C24H50O	000506-51-4	74





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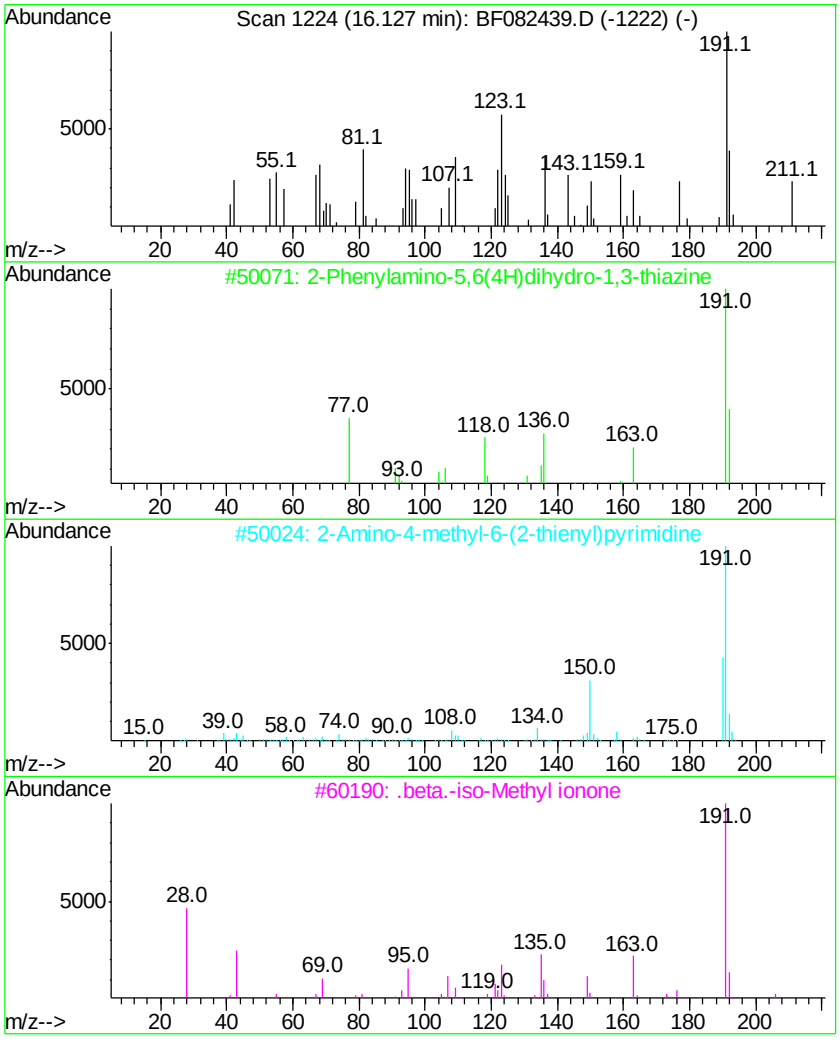
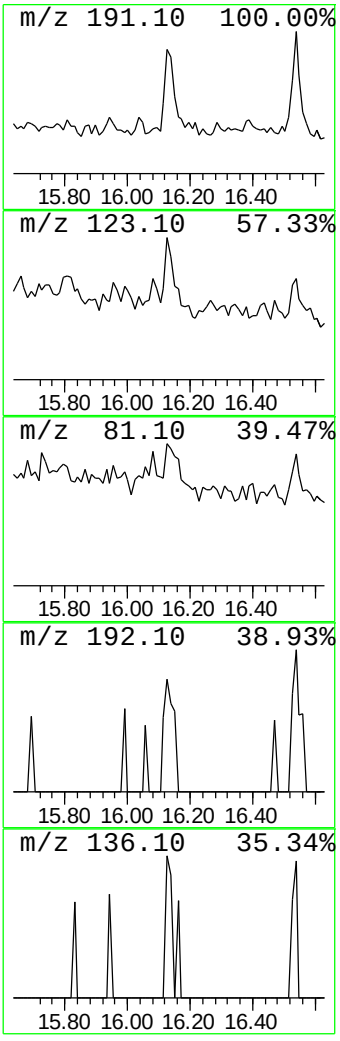
Peak Number 6 unknown16.13 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	2.26 ng	72495	Perylene-d12	15.49

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Phenylamino-5,6(4H)dihydro-1,3...	192	C10H12N2S	1000147-35-4	32
2	2-Amino-4-methyl-6-(2-thienyl)py...	191	C9H9N3S	026963-43-9	12
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	10
4	3-Fluorobenzoic acid, but-3-yn-2...	192	C11H9FO2	1000292-60-0	10
5	9H-Fluorene-9-carbonitrile	191	C14H9N	001529-40-4	9





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...	4.94	47.4	ng	1405230	1	6.77	592471	20.0
unknown6.54	6.54	74.8	ng	2216890	1	6.77	592471	20.0
Heptadecane, 2,6,...	10.72	2.1	ng	73206	4	11.30	703171	20.0
Trichloroacetic a...	13.82	4.0	ng	128089	5	13.98	647404	20.0
unknown16.13	16.13	2.3	ng	72495	6	15.49	641511	20.0