LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
Data File : BF084448.D
Acq On : 13 Jan 2016 18:22
Operator : SJ/UM
Sample : H1105-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-013

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-BF123115.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	5.013	253	256	267	rVB	1887527	3142822	42.07%	4.591%
2	5.447	291	294	296	rBV	6713029	7469657	100.00%	10.911%
3	5.836	326	328	331	rBV	114022	109157	1.46%	0.159%
4	6.476	381	384	387	rBV	5719054	6696442	89.65%	9.782%
5	6.602	392	395	398	rBV	6458116	6663492	89.21%	9.734%
6	6.830	413	415	417	rBV	1804737	1462164	19.57%	2.136%
7	6.990	426	429	431	rBV	5964288	5491203	73.51%	8.021%
8	7.402	462	465	467	rBV	4903361	5276085	70.63%	7.707%
9	8.122	525	528	530	rBV	1716325	1967498	26.34%	2.874%
10	9.196	619	622	624	rBV	7602051	7288050	97.57%	10.646%
11	9.596	654	657	658	rBV	1093510	1285482	17.21%	1.878%
12	9.802	673	675	678	rBV	145973	208448	2.79%	0.304%
13	9.871	678	681	684	rVB	2526475	2272789	30.43%	3.320%
14	10.305	717	719	721	rVB	349039	298630	4.00%	0.436%
15	10.522	735	738	742	rBV	99249	193305	2.59%	0.282%
16	10.659	747	750	753	rBV	4633939	4601124	61.60%	6.721%
17	10.785	759	761	767	rVB	240689	429136	5.75%	0.627%
18	10.968	775	777	782	rVB2	41338	93228	1.25%	0.136%
19	11.231	797	800	801	rBV	138442	139555	1.87%	0.204%
20	11.356	808	811	813	rBV	2231291	2235581	29.93%	3.266%
21	12.945	947	950	952	rBV	6593155	7046439	94.33%	10.293%
22	13.848	1026	1029	1039	rBV	376522	792787	10.61%	1.158%
23	13.985	1039	1041	1044	rVV	2025058	1923958	25.76%	2.810%
24	15.403	1162	1165	1168	rBV	945630	1292966	17.31%	1.889%
25	18.317	1416	1420	1427	rVB5	21539	77069	1.03%	0.113%

Sum of corrected areas: 68457067

LSC Report - Integrated Chromatogram

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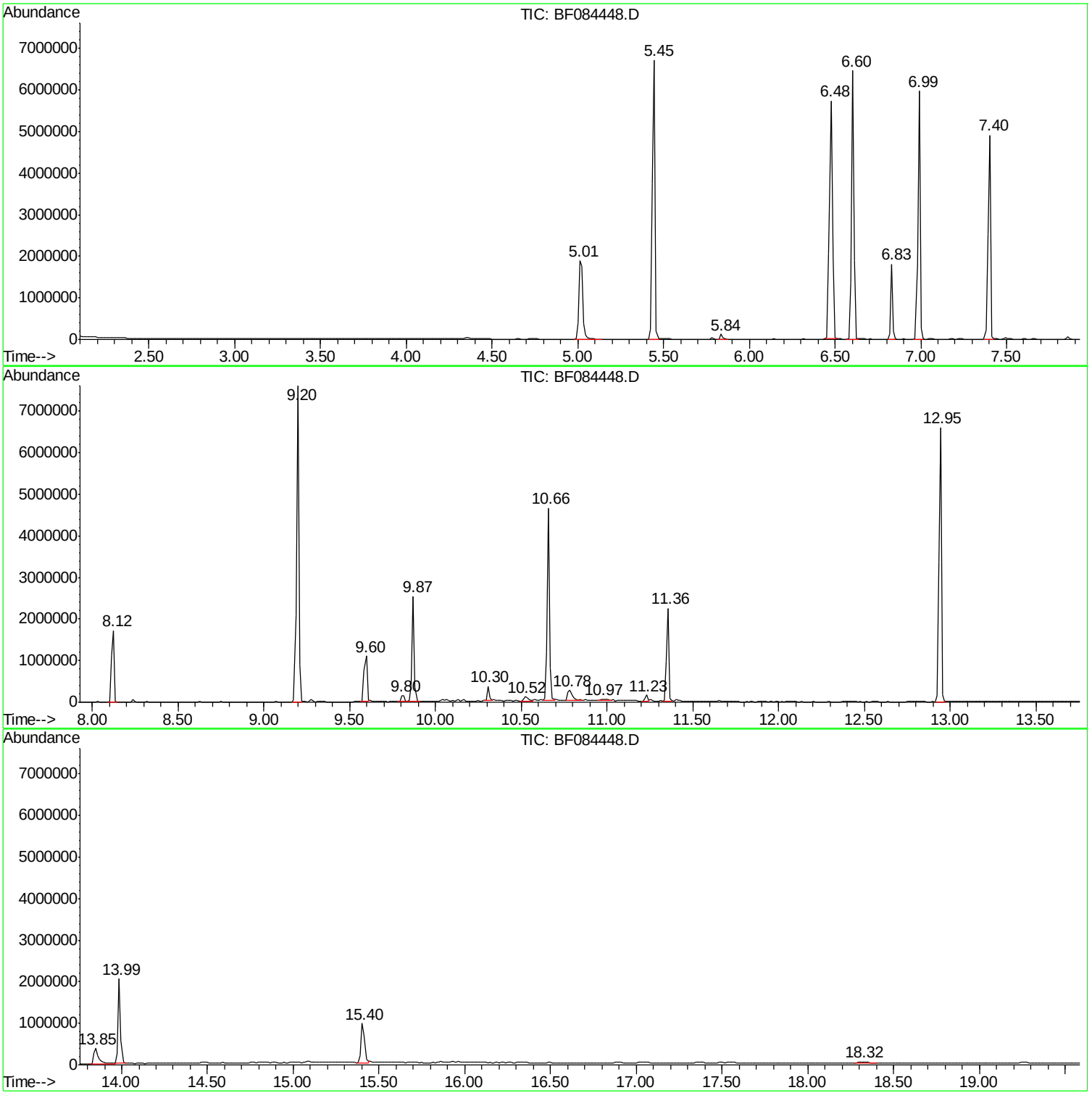
Sample : H1105-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Library Search Compound Report

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Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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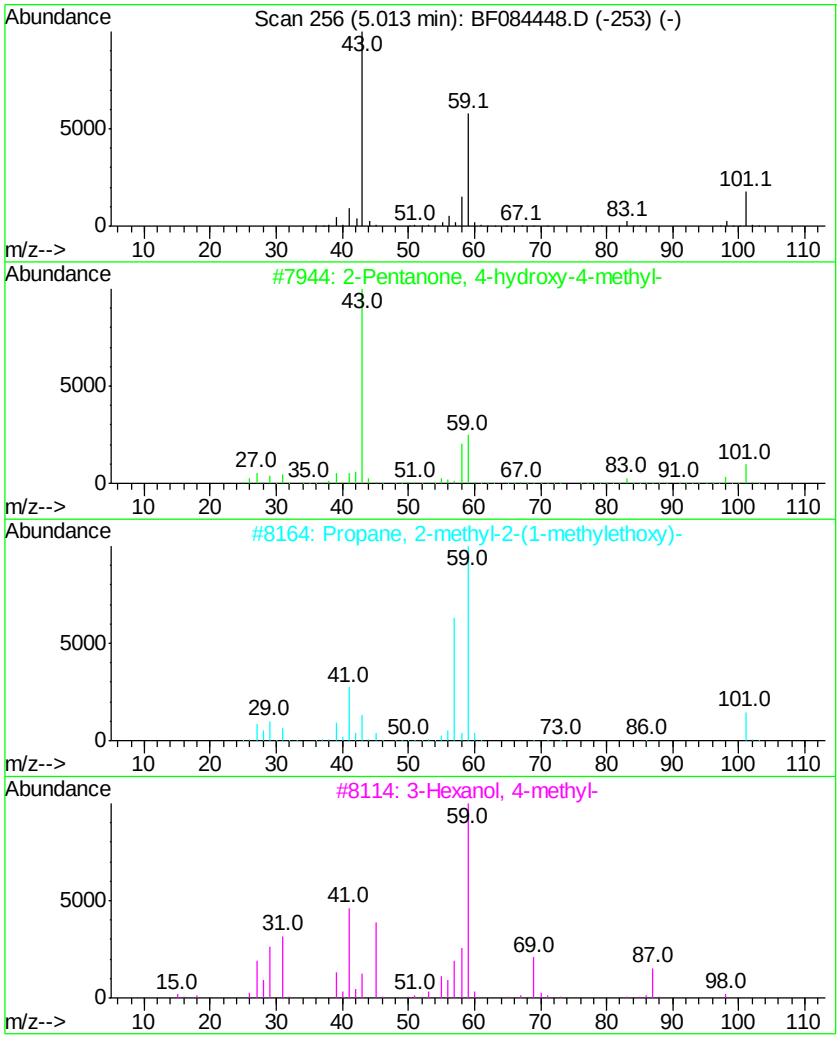
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

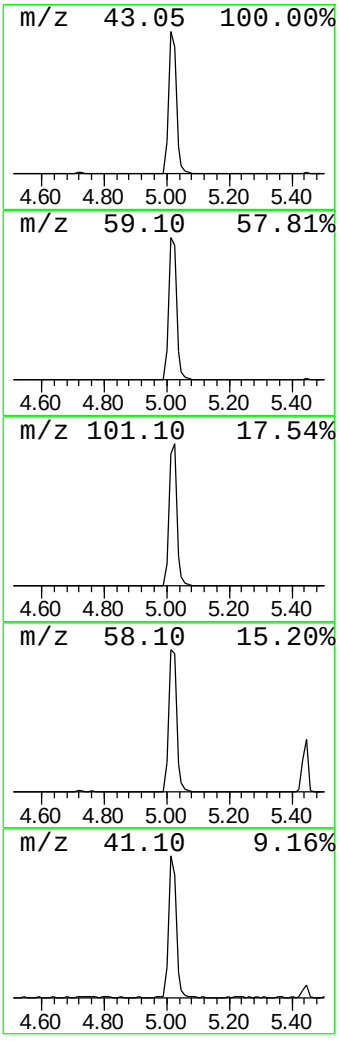
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.01	42.99 ng	3142820	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
4	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	32





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Misc :
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Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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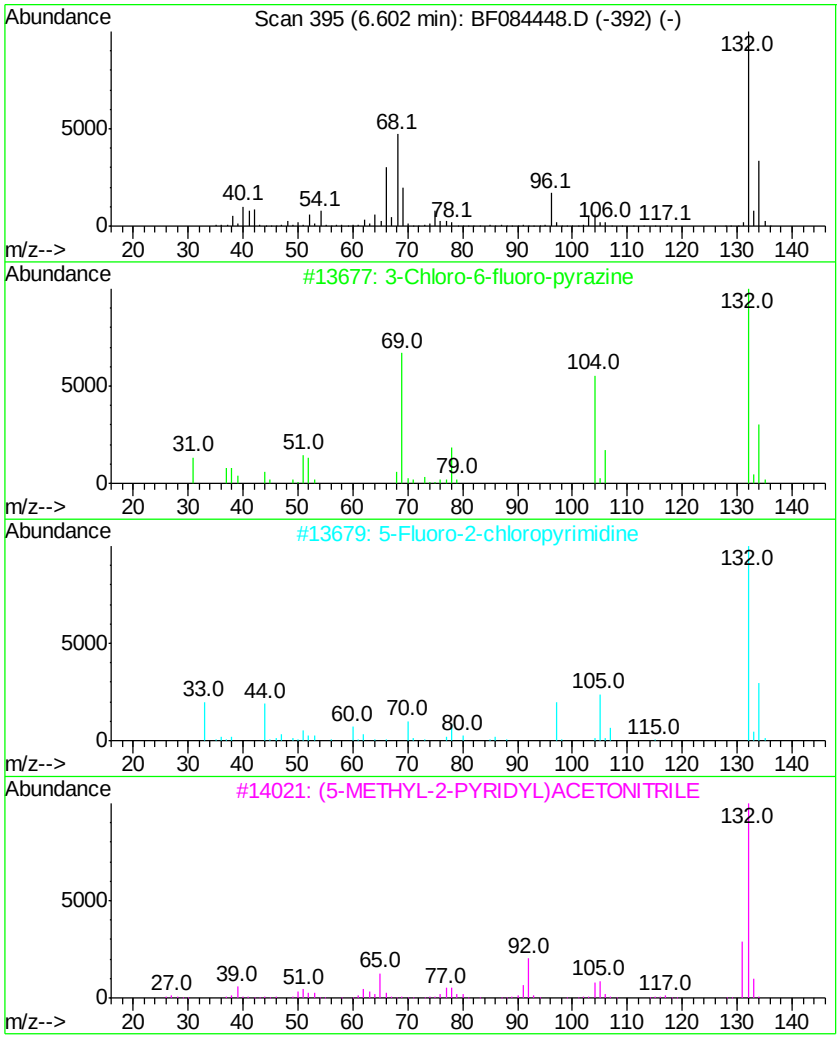
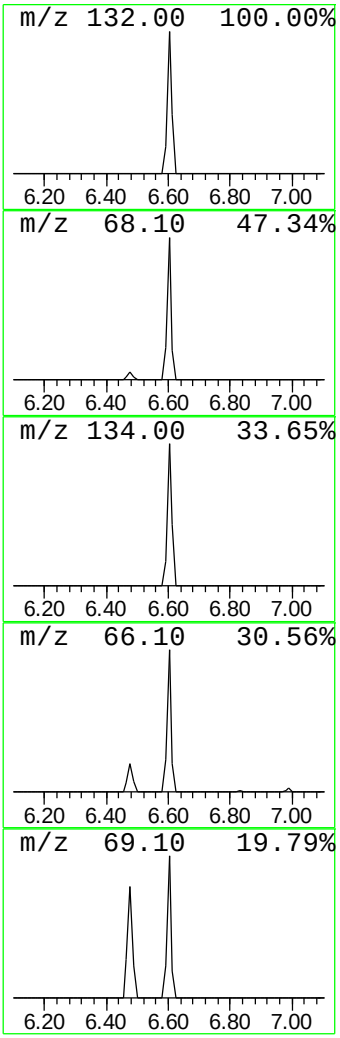
Peak Number 2 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	91.15 ng	6663490	1,4-Dichlorobenzene-d4	6.83

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	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9





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Data File : BF084448.D
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Operator : SJ/UM
Sample : H1105-01
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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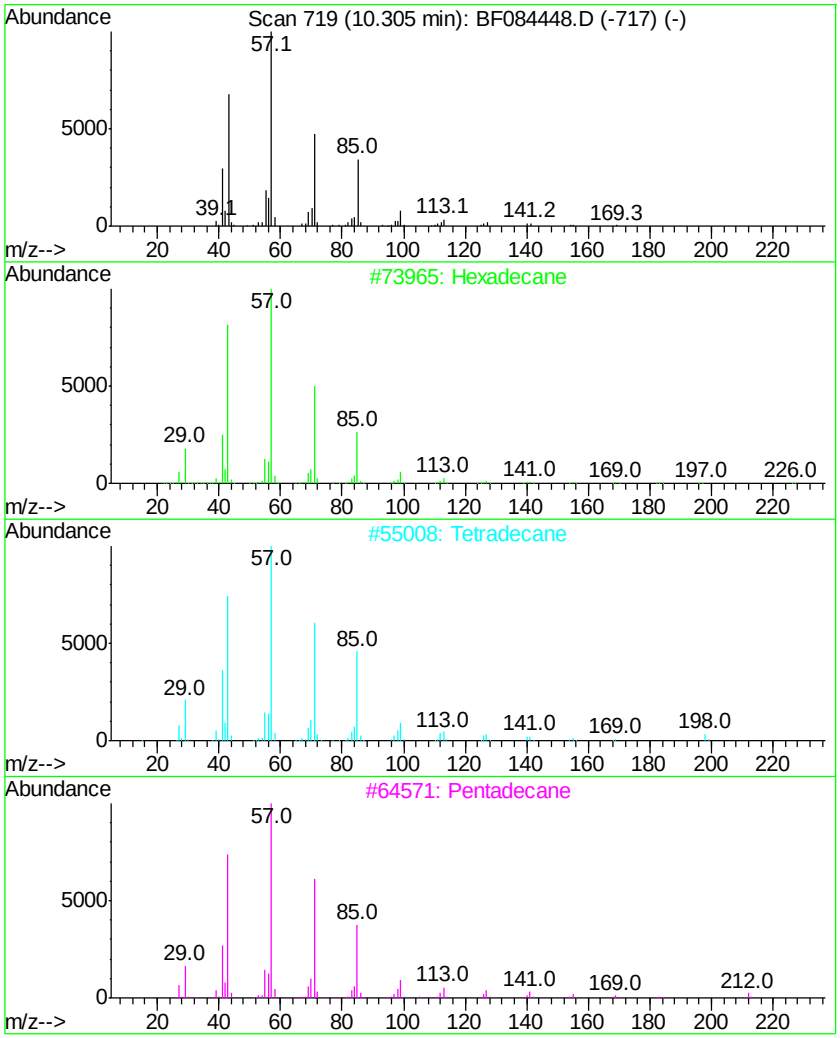
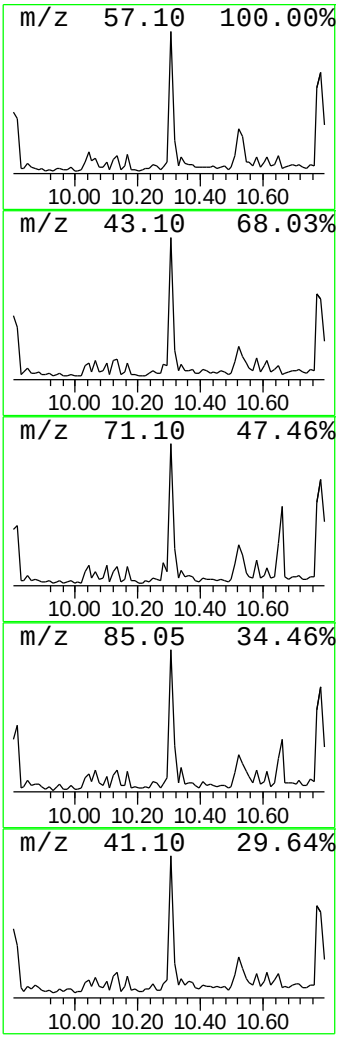
Peak Number 4 Hexadecane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.30	2.63 ng	298630	Acenaphthene-d10	9.87

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	Pentadecane	212	C15H32	000629-62-9	78
4	Tetracosane	338	C24H50	000646-31-1	78
5	Decane, 2,3,5-trimethyl-	184	C13H28	062238-11-3	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011316\
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Sample : H1105-01
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Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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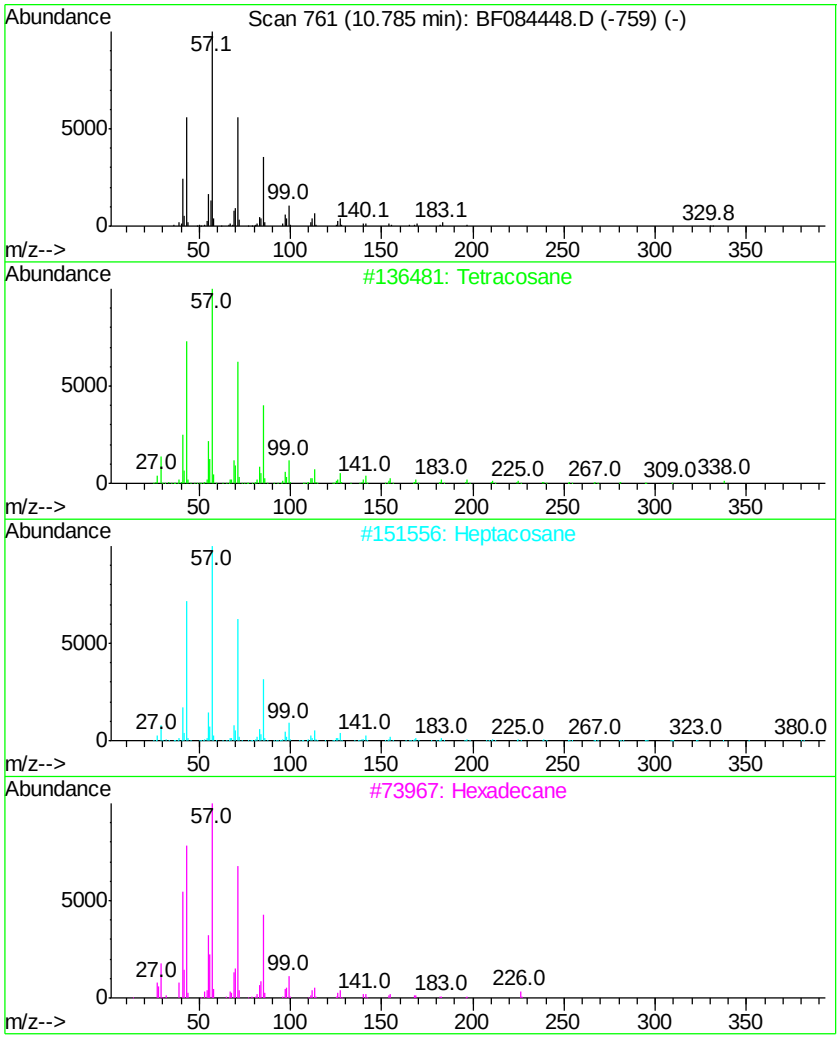
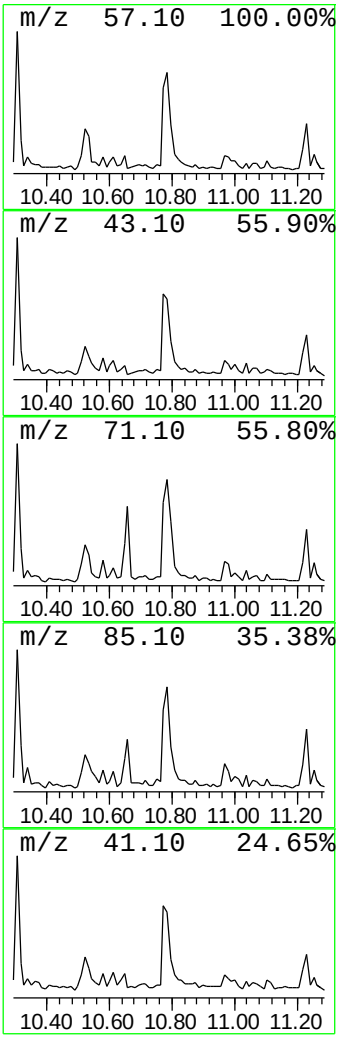
Peak Number 5 Tetracosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.79	3.84 ng	429136	Phenanthrene-d10	11.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetracosane	338	C24H50	000646-31-1	91
2	Heptacosane	380	C27H56	000593-49-7	90
3	Hexadecane	226	C16H34	000544-76-3	80
4	Pentadecane	212	C15H32	000629-62-9	78
5	Dodecane, 2,7,10-trimethyl-	212	C15H32	074645-98-0	72





Library Search Compound Report

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Sample : H1105-01
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Instrument : BNA_F
ClientSampleId : IM-CLAY-013

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF123115.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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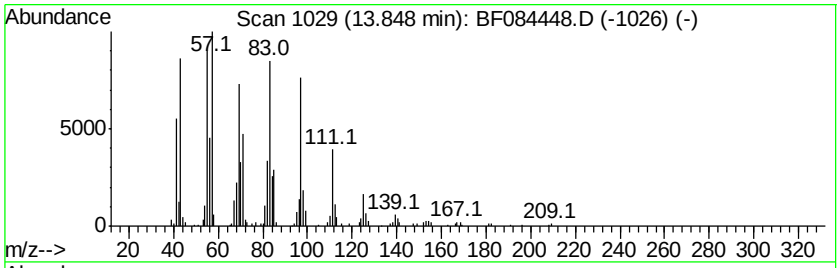
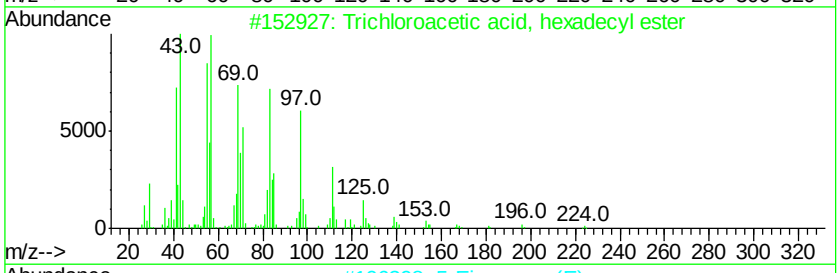
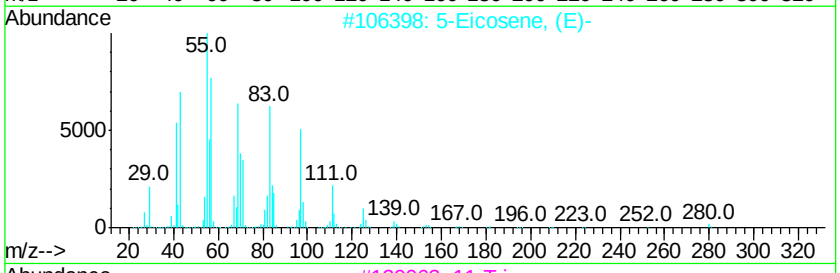
Peak Number 6 Trichloroacetic acid, hexad... Concentration Rank 4

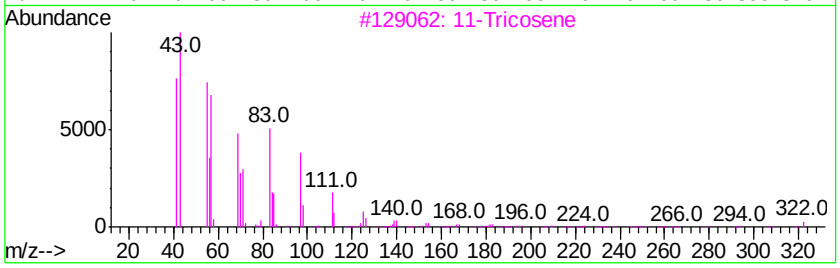
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.85	8.24 ng	792787	Chrysene-d12	13.99

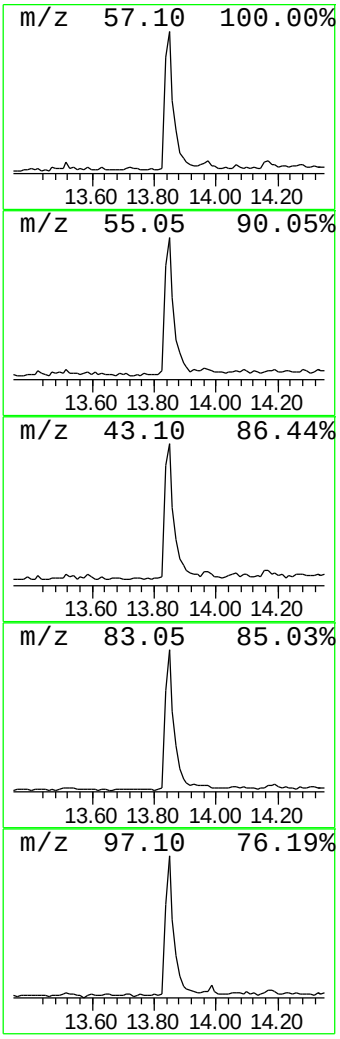
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	94
2	5-Eicosene, (E)-	280	C20H40	074685-30-6	91
3	11-Tricosene	322	C23H46	052078-56-5	90
4	Hexadecen-1-ol, trans-9-	240	C16H32O	064437-47-4	87
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	83











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...	5.01	43.0	ng	3142820	1	6.83	1462160	20.0
unknown6.60	6.60	91.2	ng	6663490	1	6.83	1462160	20.0
Hexadecane	10.30	2.6	ng	298630	3	9.87	2272790	20.0
Tetracosane	10.79	3.8	ng	429136	4	11.36	2235580	20.0
Trichloroacetic a...	13.85	8.2	ng	792787	5	13.99	1923960	20.0