LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

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-BF110715.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	2.133	3	4	27	rVB2	156221	480277	5.38%	0.603%
2	5.024	253	257	265	rVB	2699779	4308579	48.23%	5.412%
3	5.447	290	294	296	rBV	6995050	8024939	89.82%	10.079%
4	6.476	380	384	386	rVB	6813538	8934113	100.00%	11.221%
5	6.602	392	395	397	rBV	7347550	7795236	87.25%	9.791%
6	6.830	412	415	417	rBV	1655980	1550379	17.35%	1.947%
7	6.990	426	429	431	rBV	5736292	6159304	68.94%	7.736%
8	7.390	460	464	467	rBV	4045597	5051748	56.54%	6.345%
9	7.493	470	473	482	rBV	86935	136115	1.52%	0.171%
10	8.110	524	527	530	rBV	1845934	1842652	20.62%	2.314%
11	9.196	618	622	624	rBV	8396805	8886679	99.47%	11.162%
12	9.585	653	656	658	rBV	1779262	1521139	17.03%	1.911%
13	9.813	673	676	678	rBV	104178	91979	1.03%	0.116%
14	9.871	678	681	683	rVV	1945454	2197624	24.60%	2.760%
15	10.316	715	720	721	rVB2	129830	201527	2.26%	0.253%
16	10.533	735	739	742	rBV	68352	110847	1.24%	0.139%
17	10.659	746	750	752	rVB	4761247	5959806	66.71%	7.486%
18	10.785	757	761	767	rVV	241573	334142	3.74%	0.420%
19	11.231	796	800	801	rBV	223667	215884	2.42%	0.271%
20	11.345	808	810	813	rVB	2358380	2095149	23.45%	2.632%
21	11.402	813	815	818	rBV2	73331	96984	1.09%	0.122%
22	11.654	835	837	841	rVB	117448	123067	1.38%	0.155%
23	11.894	855	858	862	rVB3	83055	158035	1.77%	0.198%
24	12.945	946	950	952	rBV	6522569	8820379	98.73%	11.079%
25	13.860	1027	1030	1038	rBV	160374	414281	4.64%	0.520%
26	13.985	1038	1041	1043	rVV	1522308	2075415	23.23%	2.607%
27	14.842	1114	1116	1118	rBV	146919	139486	1.56%	0.175%
28	15.403	1162	1165	1168	rBV	1527869	1793687	20.08%	2.253%
29	15.974	1211	1215	1222	rBV10	17829	97016	1.09%	0.122%

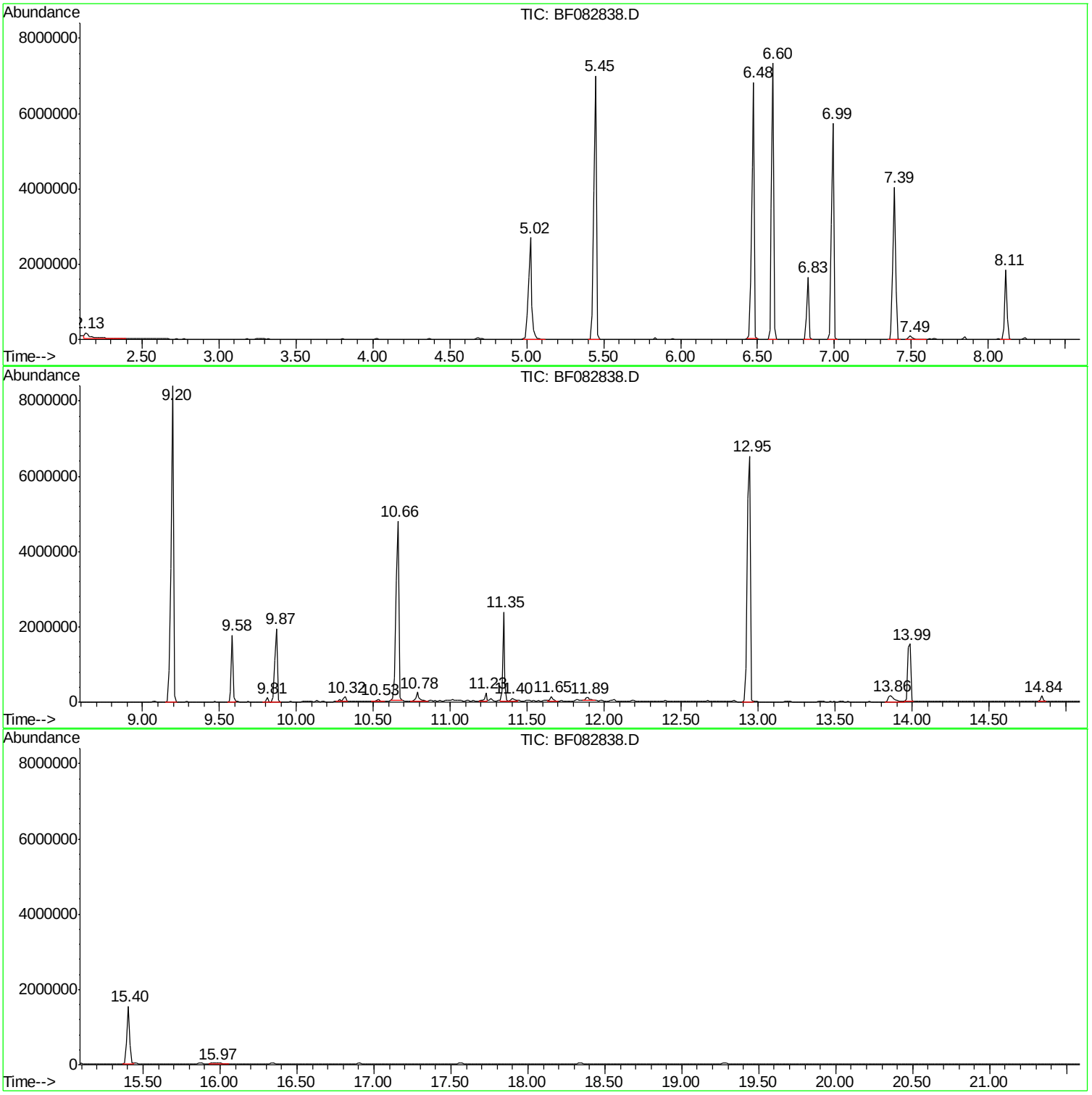
Sum of corrected areas: 79616468

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

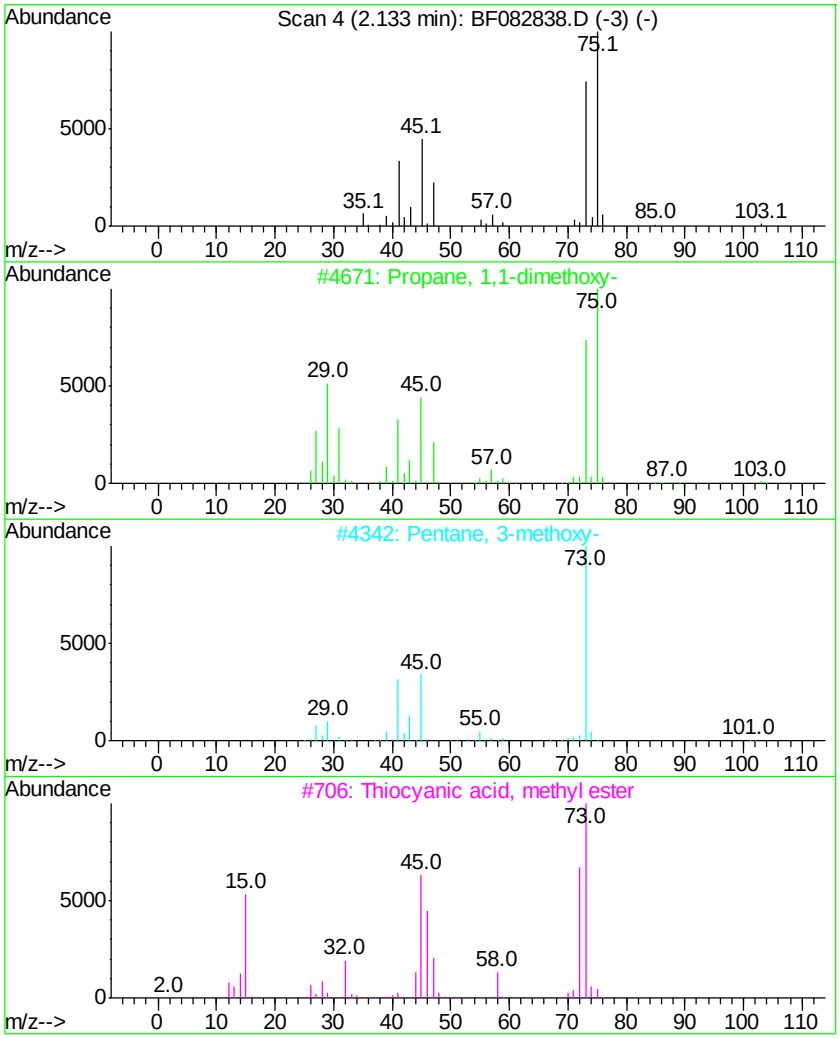
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

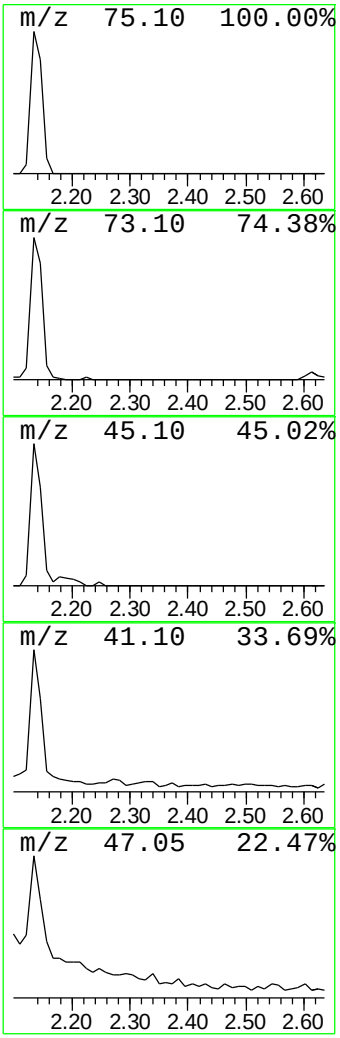
****

Peak Number 1 Propane, 1,1-dimethoxy- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.13	6.20 ng	480277	1,4-Dichlorobenzene-d4	6.83

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 1,1-dimethoxy-	104	C5H12O2	004744-10-9	64
2	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
3	Thiocyanic acid, methyl ester	73	C2H3NS	000556-64-9	9
4	2,2'-Bi-1,3-dioxolane	146	C6H10O4	006705-89-1	9
5	Aminoacetaldehyde dimethyl acetal	105	C4H11NO2	022483-09-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

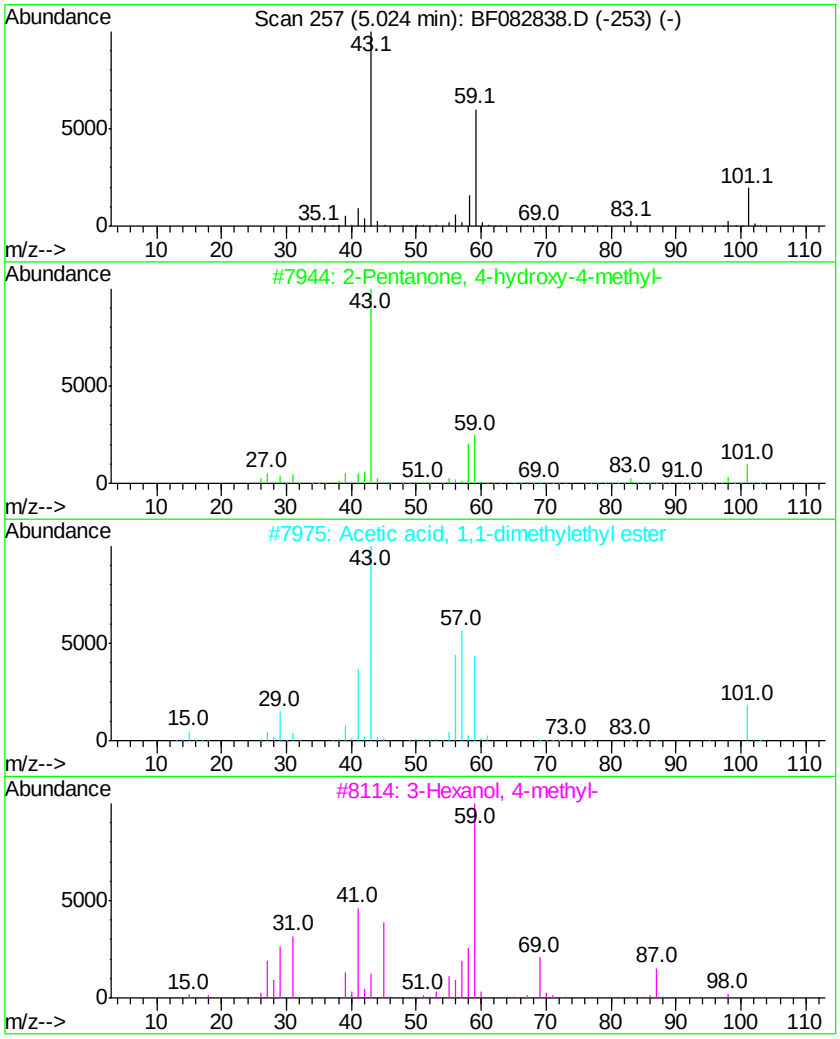
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

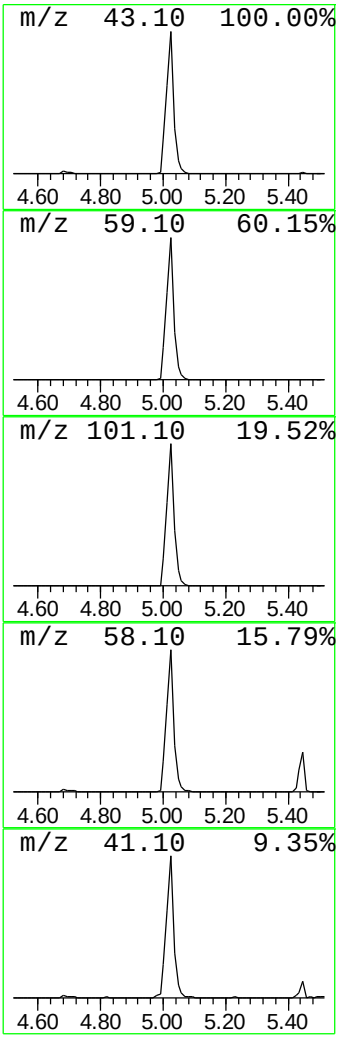
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.02	55.58 ng	4308580	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	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	28
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

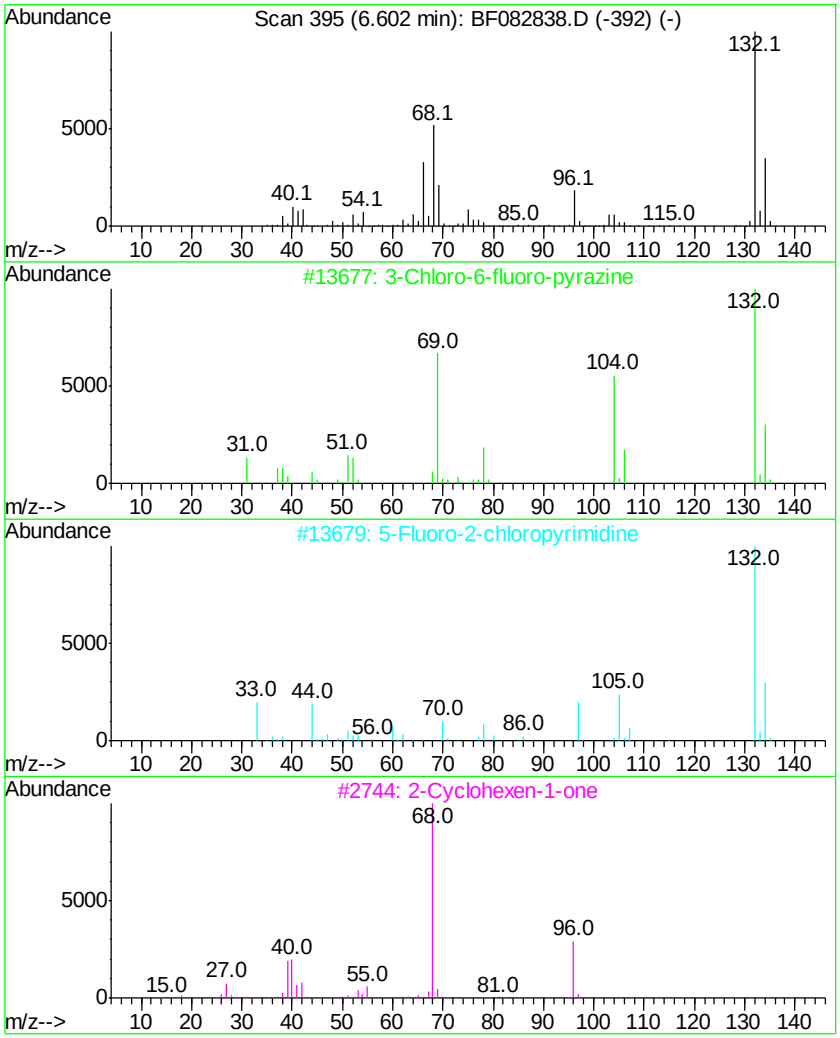
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

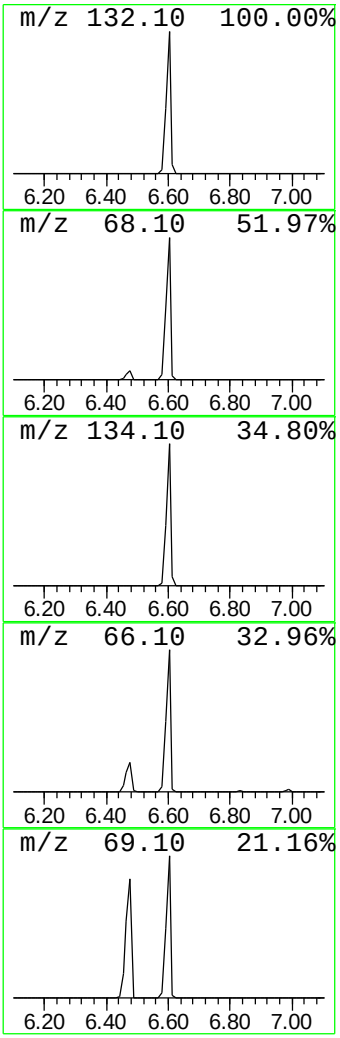
****

Peak Number 3 unknown6.60 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.60	100.56 ng	7795240	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	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
4	(5-METHYL-2-PYRIDYL)ACETONITRILE	132	C8H8N2	1000241-93-9	10
5	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

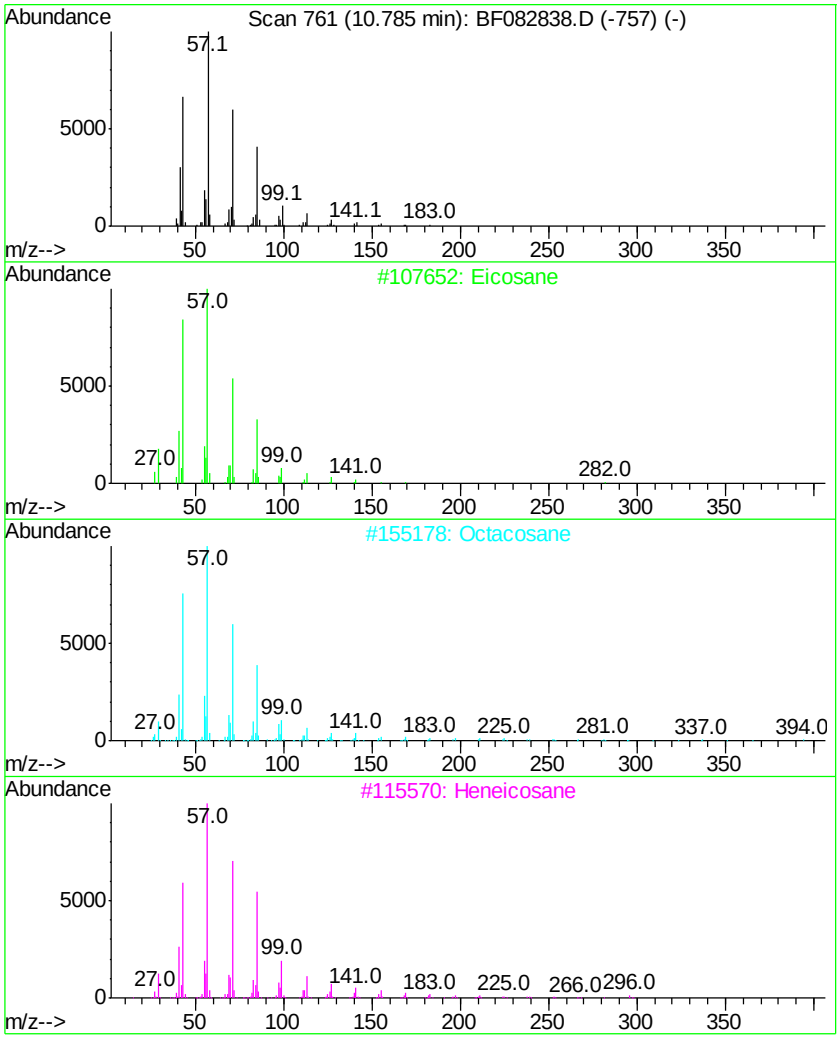
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

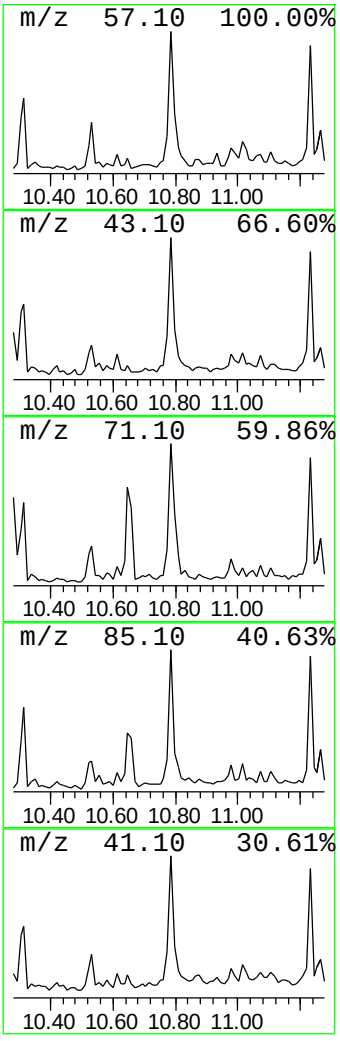
****

Peak Number 5 Eicosane Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.78	3.19 ng	334142	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Octacosane	394	C28H58	000630-02-4	90
3	Heneicosane	296	C21H44	000629-94-7	90
4	Heptadecane	240	C17H36	000629-78-7	90
5	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

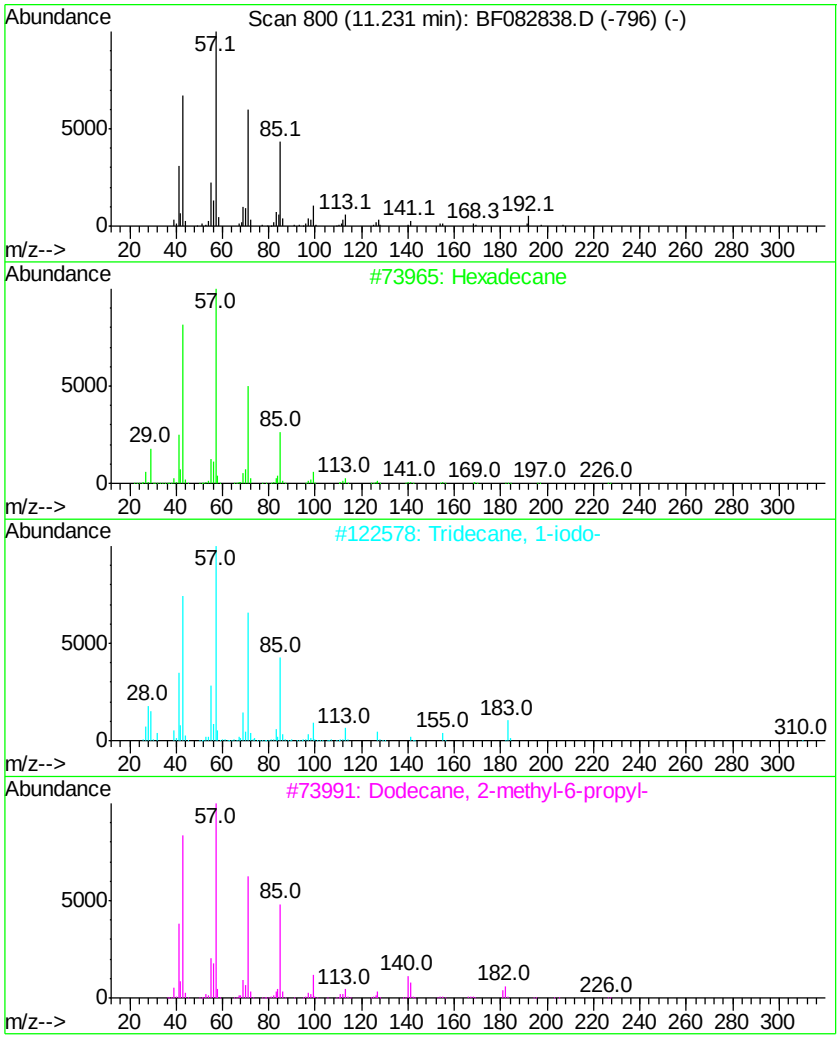
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

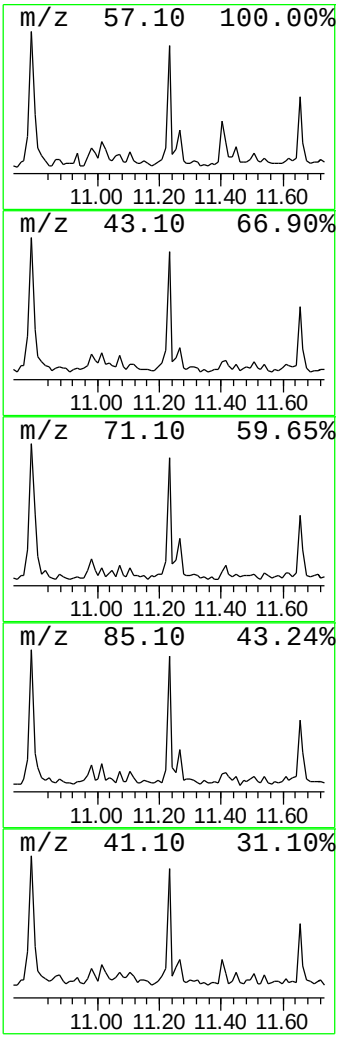
****

Peak Number 6 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.23	2.06 ng	215884	Phenanthrene-d10	11.35

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	90
2	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	86
3	Dodecane, 2-methyl-6-propyl-	226	C16H34	055045-08-4	86
4	Eicosane	282	C20H42	000112-95-8	86
5	Heneicosane	296	C21H44	000629-94-7	86





Data Path : Z:\HPCHEM1\BNA F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

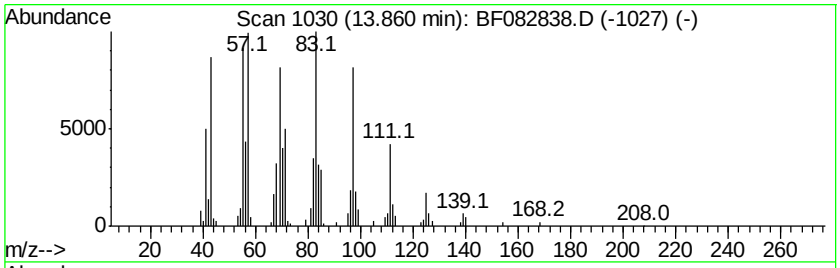
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

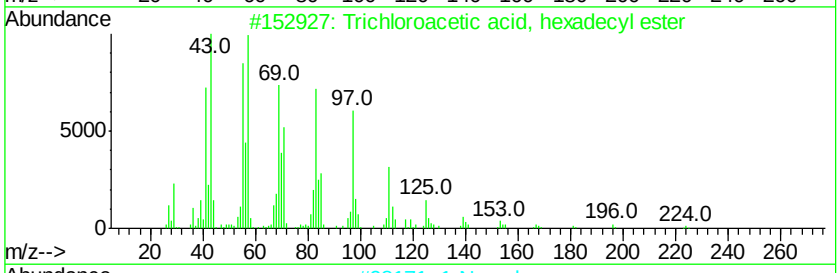
****

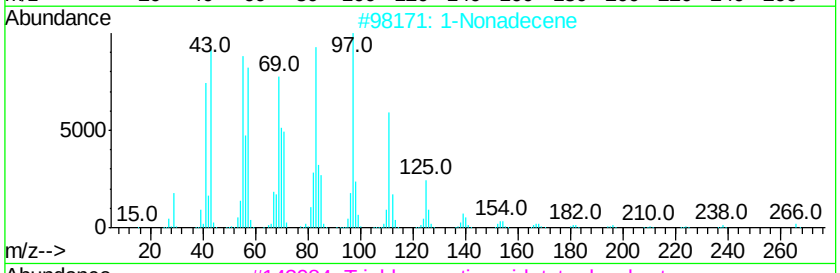
Peak Number 7 Trichloroacetic acid, hexad... Concentration Rank 5

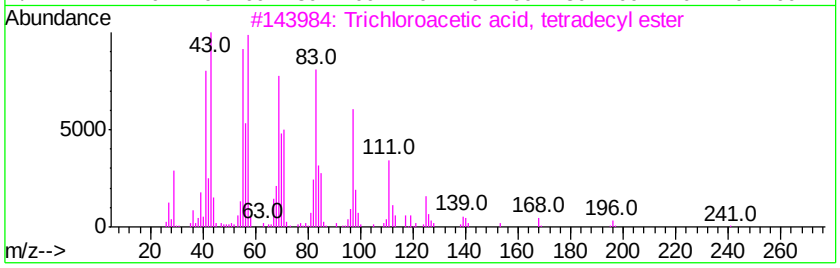
R.T.	EstConc	Area	Relative to ISTD	R.T.
13.86	3.99 ng	414281	Chrysene-d12	13.99

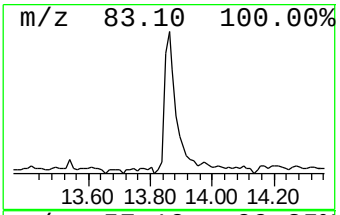
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	9-Eicosene, (E)-	280	C20H40	074685-29-3	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	87

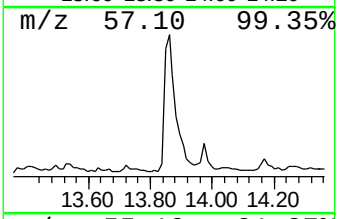


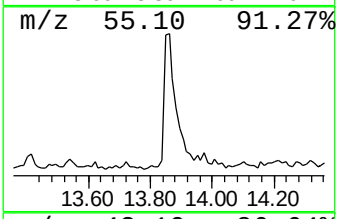


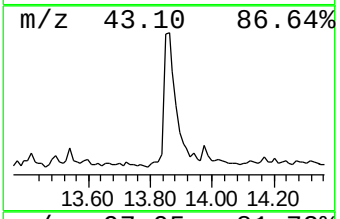


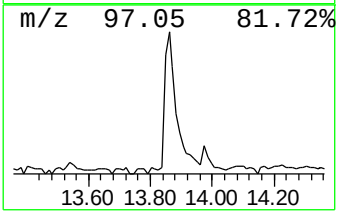












Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110915\
Data File : BF082838.D
Acq On : 9 Nov 2015 19:26
Operator : UM/IZ
Sample : G4306-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E1-1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
Propane, 1,1-dime...	2.13	6.2	ng	480277	1	6.83	1550380	20.0
2-Pentanone, 4-hy...	5.02	55.6	ng	4308580	1	6.83	1550380	20.0
unknown6.60	6.60	100.6	ng	7795240	1	6.83	1550380	20.0
Eicosane	10.78	3.2	ng	334142	4	11.35	2095150	20.0
Hexadecane	11.23	2.1	ng	215884	4	11.35	2095150	20.0
Trichloroacetic a...	13.86	4.0	ng	414281	5	13.99	2075420	20.0