LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

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-BF101316.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	5.046	234	237	246	rBV	152339	213738	10.63%	1.232%
2	5.469	272	274	293	rBV	648481	877295	43.62%	5.058%
3	6.509	362	365	375	rBV	552522	868523	43.18%	5.007%
4	6.646	375	377	385	rVV	777505	943639	46.92%	5.440%
5	6.874	395	397	409	rBV	1135496	1324947	65.88%	7.638%
6	7.034	409	411	413	rBV	716594	689860	34.30%	3.977%
7	7.434	444	446	453	rBV	253061	487908	24.26%	2.813%
8	7.526	453	454	463	rVB3	21222	54057	2.69%	0.312%
9	8.166	507	510	512	rBV	2065737	1904532	94.70%	10.980%
10	9.240	601	604	606	rBV	1091374	978762	48.67%	5.643%
11	9.629	636	638	641	rBV	123767	165356	8.22%	0.953%
12	9.915	661	663	666	rBV	1677062	2011174	100.00%	11.595%
13	10.349	697	701	703	rBV3	15691	32415	1.61%	0.187%
14	10.429	706	708	715	rVB	26375	33575	1.67%	0.194%
15	10.703	730	732	739	rBV	422382	462176	22.98%	2.664%
16	10.829	741	743	747	rVB	27239	38602	1.92%	0.223%
17	11.275	780	782	784	rBV	20903	22589	1.12%	0.130%
18	11.401	791	793	796	rBV2	1312262	1572554	78.19%	9.066%
19	12.818	915	917	919	rBV	230774	221331	11.01%	1.276%
20	12.886	919	923	926	rVB2	30422	54928	2.73%	0.317%
21	12.989	930	932	939	rBV	693113	707588	35.18%	4.079%
22	13.527	977	979	981	rBV	114913	142442	7.08%	0.821%
23	13.572	981	983	987	rVB2	26837	51058	2.54%	0.294%
24	13.892	1010	1011	1018	rBV	37099	77084	3.83%	0.444%
25	14.041	1022	1024	1027	rBV	1041612	1311142	65.19%	7.559%
26	14.212	1037	1039	1042	rBV	38382	45770	2.28%	0.264%
27	14.521	1064	1066	1068	rBV2	38039	52671	2.62%	0.304%
28	14.818	1090	1092	1094	rBV	32973	58290	2.90%	0.336%
29	15.070	1112	1114	1118	rBV3	47732	79460	3.95%	0.458%
30	15.150	1119	1121	1125	rVB2	50826	93886	4.67%	0.541%
31	15.355	1137	1139	1142	rVB2	72854	88542	4.40%	0.510%
32	15.492	1148	1151	1156	rBV	1060641	1498810	74.52%	8.641%
33	15.721	1168	1171	1173	rBV2	56174	112462	5.59%	0.648%
34	15.950	1189	1191	1193	rBV2	37498	68561	3.41%	0.395%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
FO-TANK-BOTTOM

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-BF101316.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 17345727

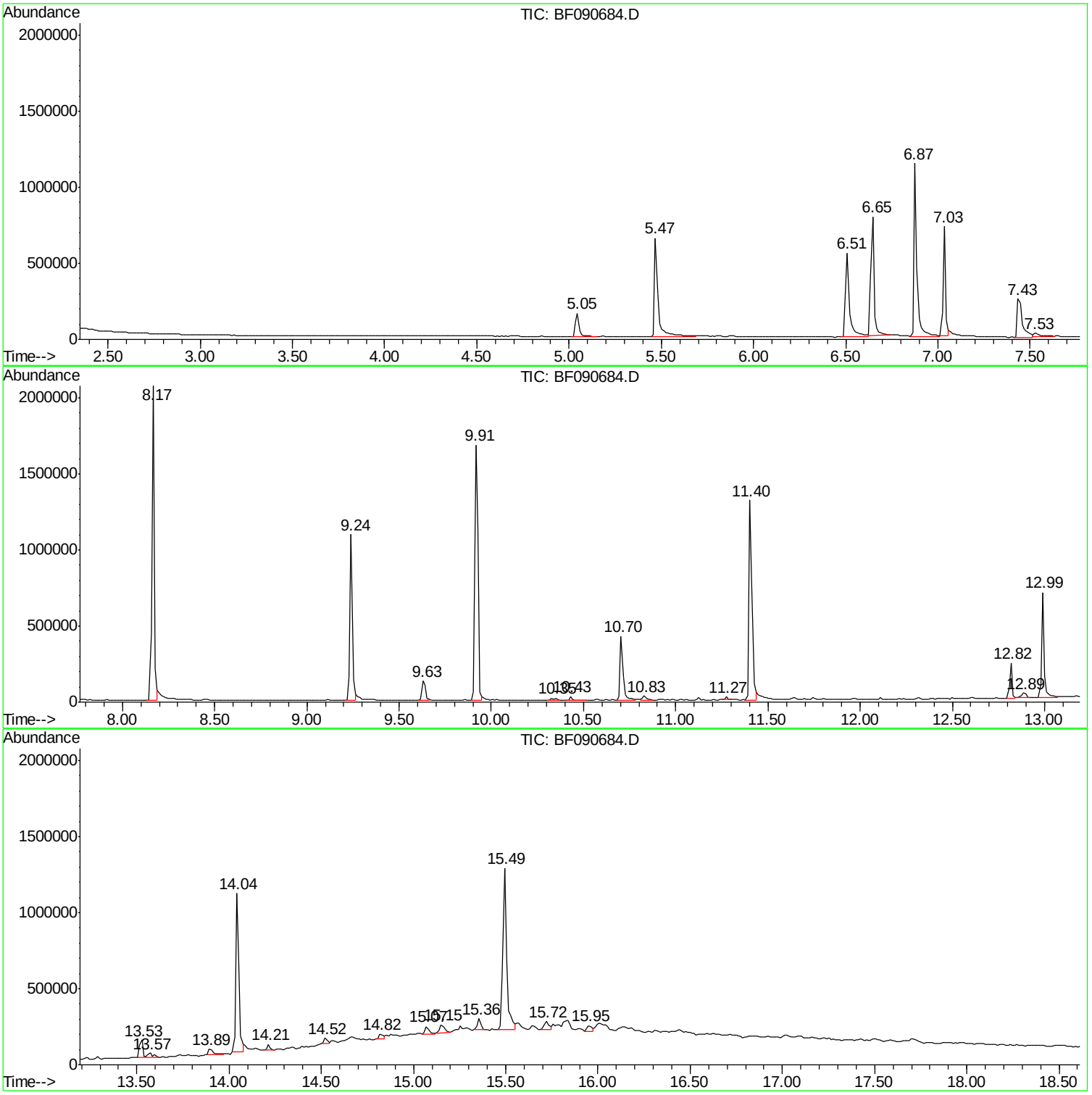
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

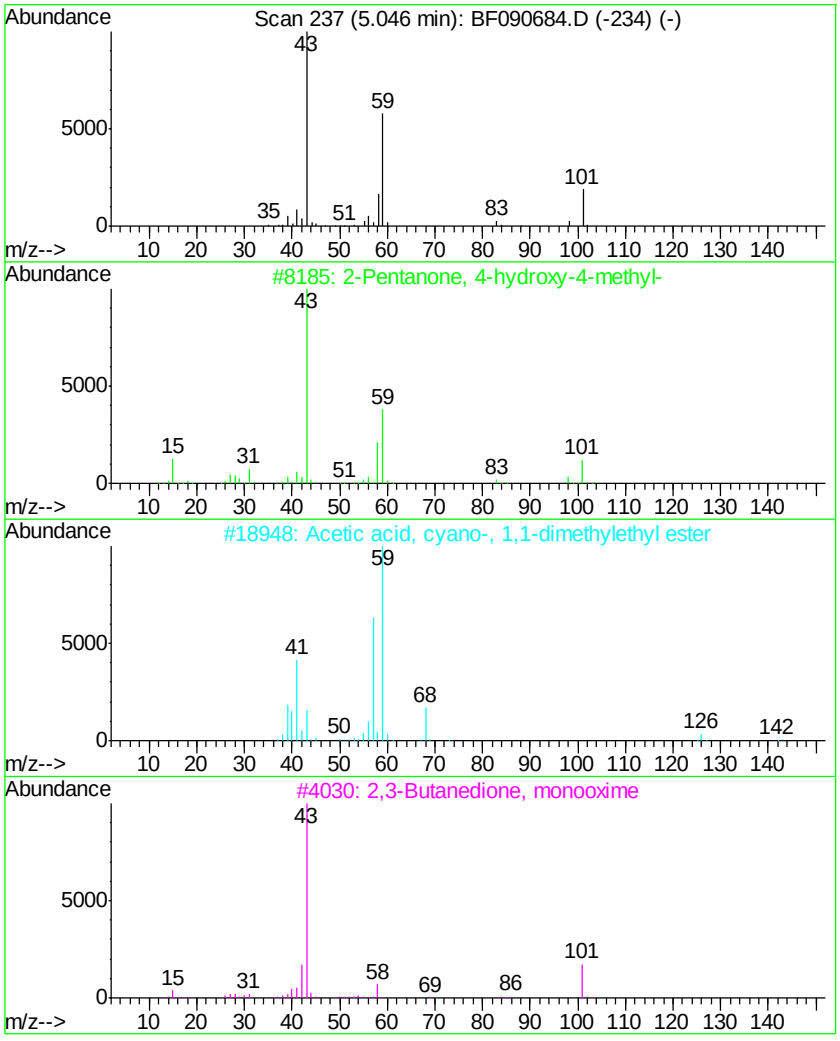
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

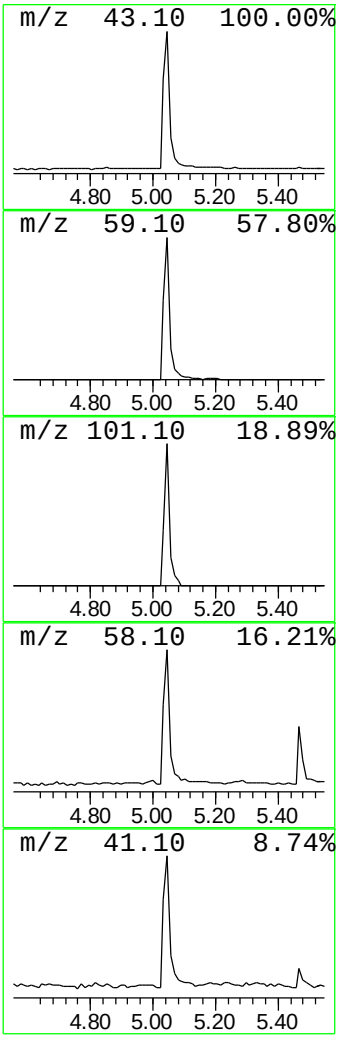
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.05	3.23 ng	213738	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
3	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	16
4	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10
5	2-Butanone, 3-ethoxy-3-methyl-	130	C7H14O2	036687-99-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

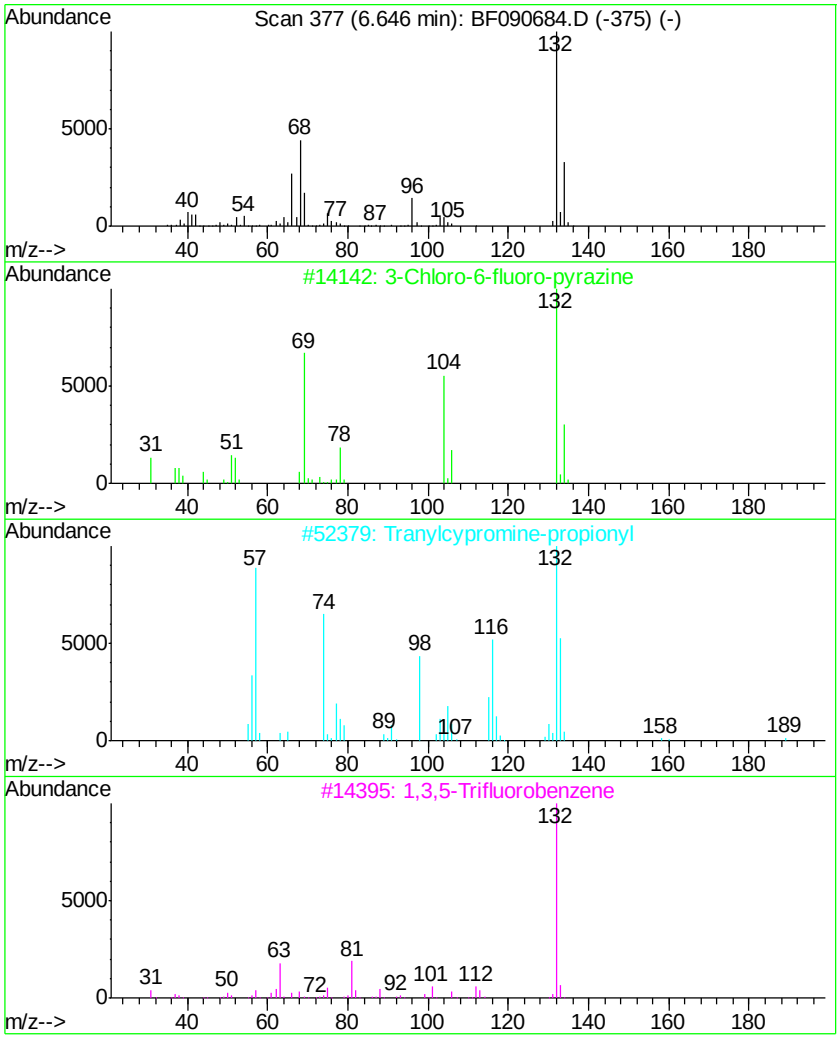
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

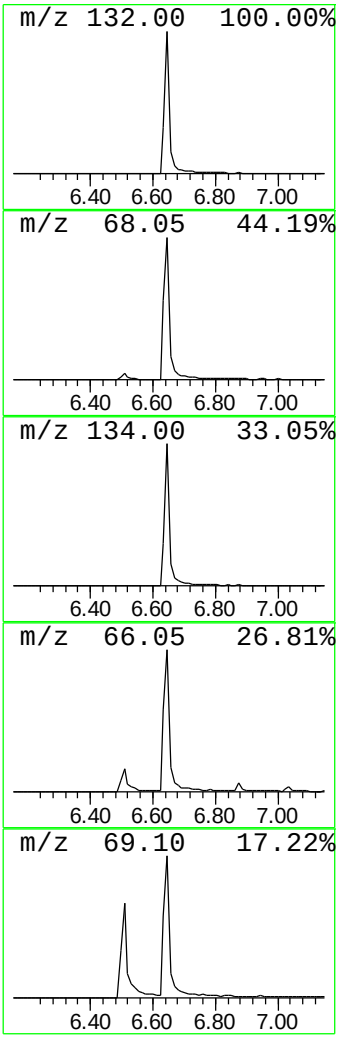
****

Peak Number 2 unknown6.65 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	14.24 ng	943639	1,4-Dichlorobenzene-d4	6.87

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
3	1,3,5-Trifluorobenzene	132	C6H3F3	000372-38-3	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

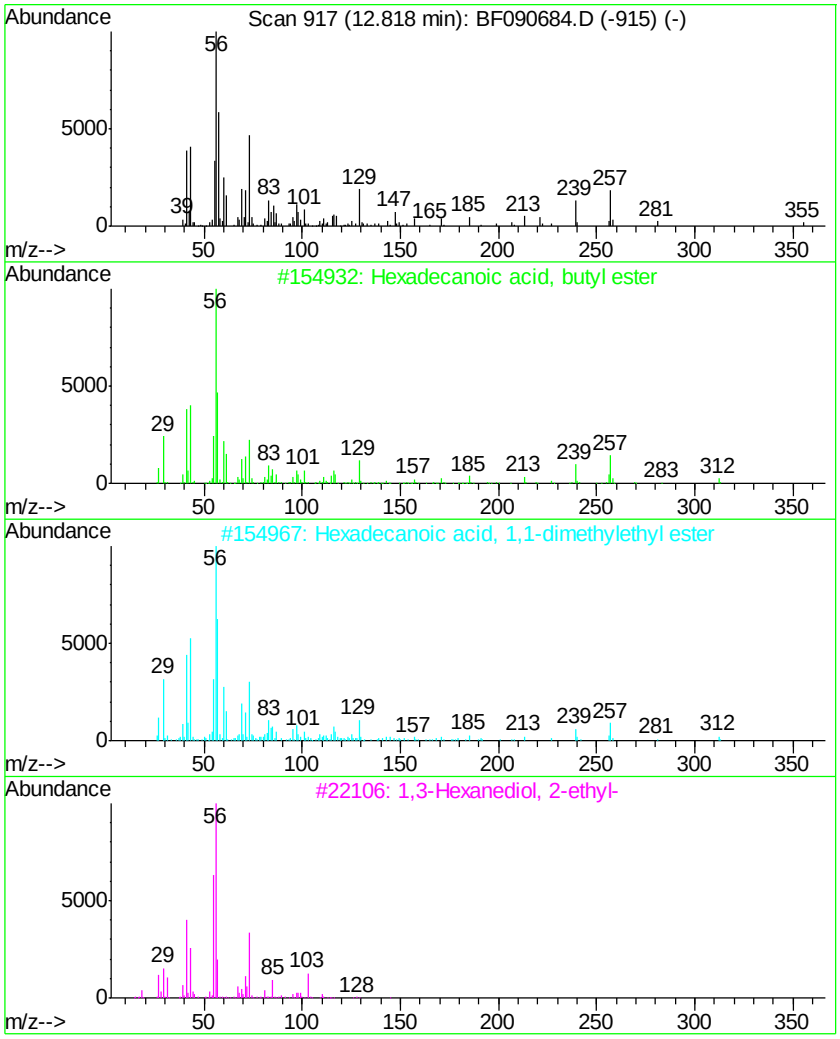
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

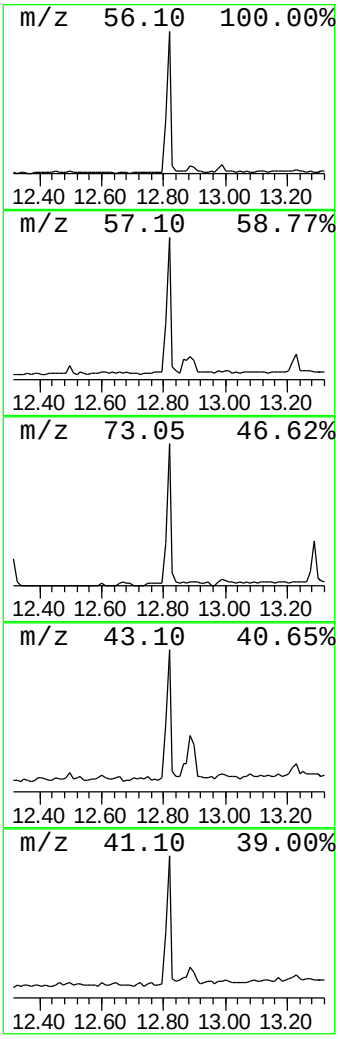
****

Peak Number 4 Hexadecanoic acid, butyl ester Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.82	3.38 ng	221331	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	90
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	47
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	38
5	Butyl 4,8,12-trimethyl-tridecanoate	312	C20H40O2	1000336-63-2	37





Data Path : Z:\HPCHEM1\BNA F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

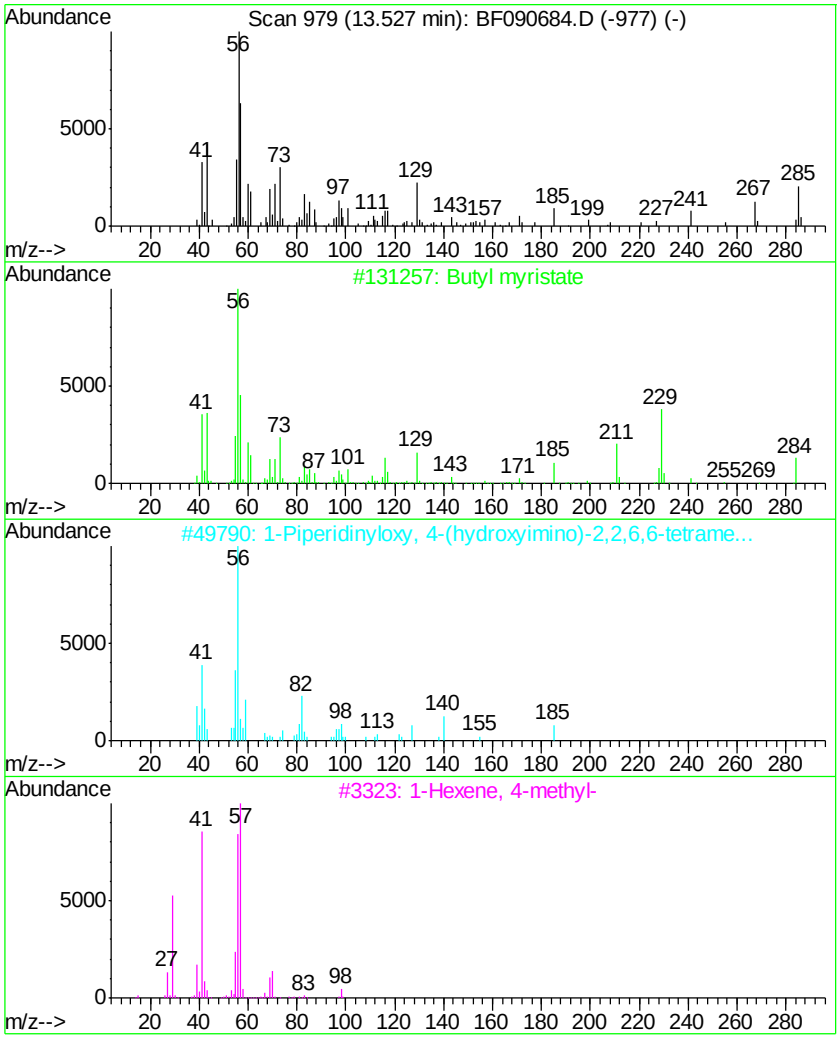
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

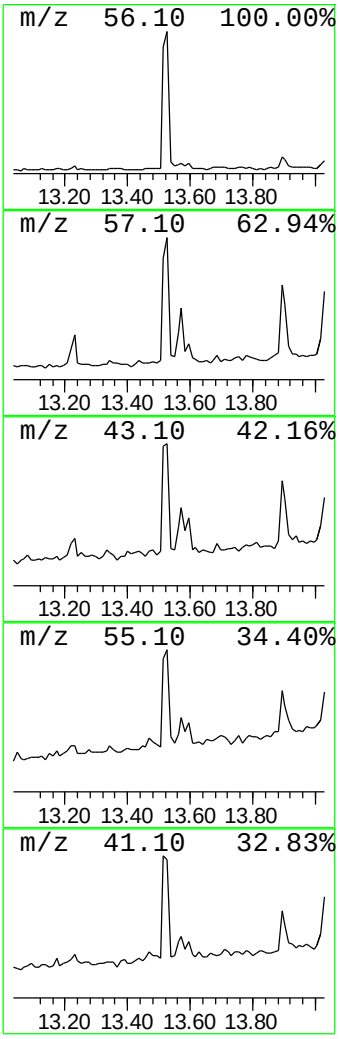
****

Peak Number 5 Butyl myristate Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.53	2.17 ng	142442	Chrysene-d12	14.04

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butyl myristate	284	C18H36O2	000110-36-1	64
2	1-Piperidinyloxy, 4-(hydroxyimin...	185	C9H17N2O2	003229-75-2	35
3	1-Hexene, 4-methyl-	98	C7H14	003769-23-1	30
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	27
5	Cyclooctanamine	127	C8H17N	005452-37-9	27





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF102016\
Data File : BF090684.D
Acq On : 20 Oct 2016 16:10
Operator : UM/SJ
Sample : H5315-01 5X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FO-TANK-BOTTOM

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF101316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.05	3.2	ng	213738	1	6.87	1324950	20.0
unknown6.65	6.65	14.2	ng	943639	1	6.87	1324950	20.0
Hexadecanoic acid...	12.82	3.4	ng	221331	5	14.04	1311140	20.0
Butyl myristate	13.53	2.2	ng	142442	5	14.04	1311140	20.0