LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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-BF121714.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	1.293	16	18	21	rVB	13517	19629	1.19%	0.173%
2	1.498	35	36	46	rBV	38428	76225	4.63%	0.673%
3	3.247	185	189	195	rVB	78451	175116	10.63%	1.545%
4	4.219	272	274	283	rBV	69399	133982	8.13%	1.182%
5	4.893	331	333	341	rVB	366723	527984	32.04%	4.659%
6	6.322	456	458	464	rBV	331577	324587	19.70%	2.864%
7	6.413	464	466	469	rBV	852044	1019230	61.85%	8.995%
8	6.710	490	492	494	rVB	276411	267264	16.22%	2.359%
9	6.893	506	508	511	rBV	1034473	991798	60.19%	8.753%
10	7.419	552	554	557	rBV	853751	794163	48.19%	7.009%
11	7.990	601	604	606	rBV2	13126	20112	1.22%	0.177%
12	8.299	629	631	633	rBV	399623	396220	24.04%	3.497%
13	9.019	690	694	699	rBV3	11521	33112	2.01%	0.292%
14	9.122	699	703	705	rVB2	15032	17648	1.07%	0.156%
15	9.648	747	749	752	rVB	1526833	1647840	100.00%	14.542%
16	9.853	761	767	771	rBV3	18991	43677	2.65%	0.385%
17	9.968	771	777	780	rBV2	16214	36656	2.22%	0.323%
18	10.174	793	795	797	rBV3	13096	19921	1.21%	0.176%
19	10.448	817	819	821	rBV	465121	431963	26.21%	3.812%
20	11.202	881	885	886	rBV2	24801	31550	1.91%	0.278%
21	11.362	895	899	902	rBV2	16219	40725	2.47%	0.359%
22	11.419	902	904	907	rVV	1033928	1068736	64.86%	9.432%
23	11.682	923	927	928	rBV	9835	17028	1.03%	0.150%
24	12.025	955	957	959	rVB2	36245	48522	2.94%	0.428%
25	12.197	970	972	974	rBV3	29958	35102	2.13%	0.310%
26	12.265	975	978	980	rVV	481979	470402	28.55%	4.151%
27	12.414	989	991	998	rVB4	8346	18059	1.10%	0.159%
28	13.042	1044	1046	1050	rBV2	77855	101060	6.13%	0.892%
29	14.014	1129	1131	1136	rBV	26873	40101	2.43%	0.354%
30	14.254	1149	1152	1155	rVB	1443509	1621438	98.40%	14.309%
31	15.465	1256	1258	1259	rBV	21559	29331	1.78%	0.259%
32	15.500	1259	1261	1264	rVB	334691	423898	25.72%	3.741%
33	16.723	1365	1368	1370	rVB	15761	18061	1.10%	0.159%
34	17.203	1407	1410	1413	rBV	316884	390278	23.68%	3.444%

LSC Area Percent Report

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Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

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-BF121714.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

Sum of corrected areas: 11331418

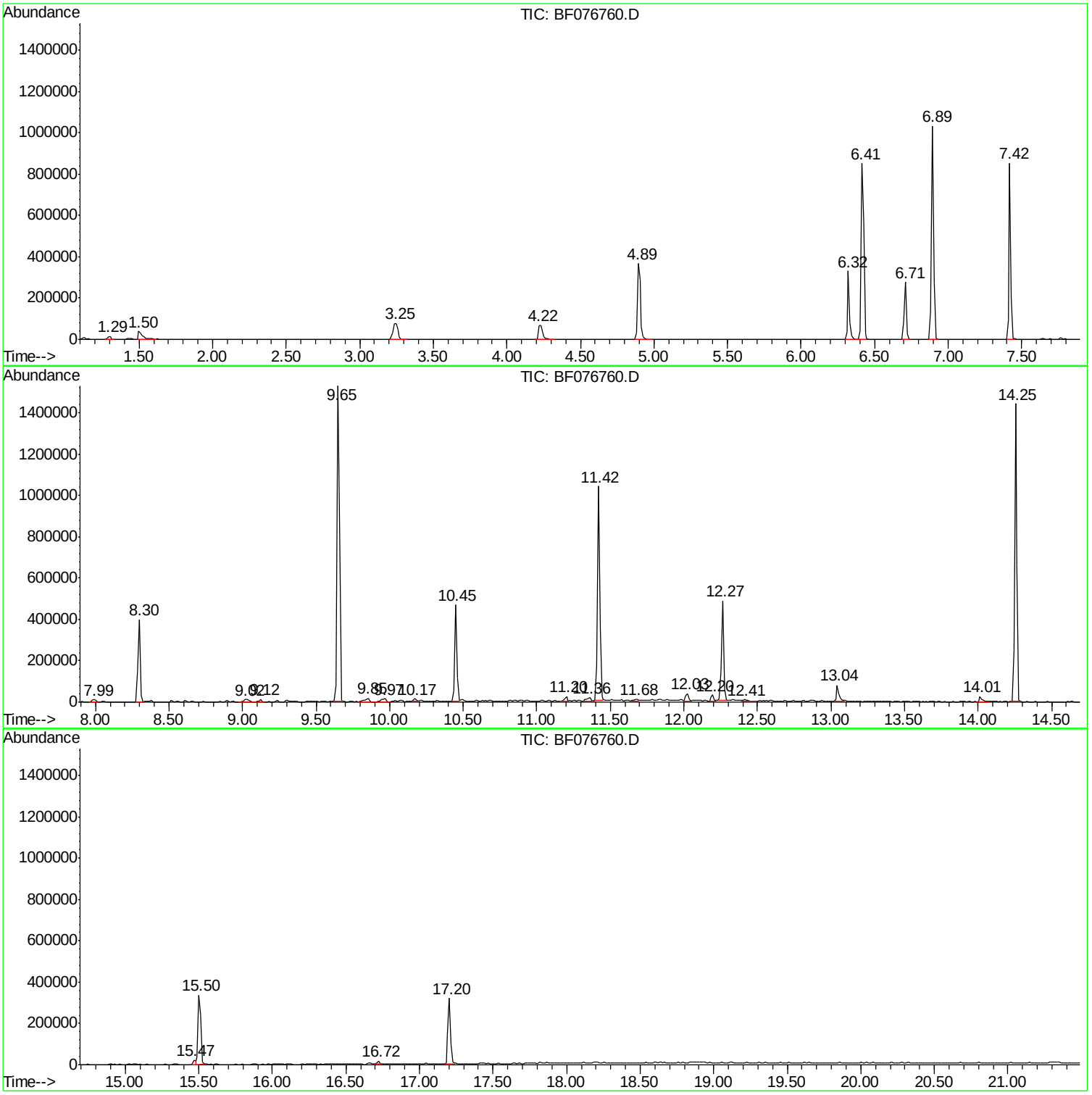
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

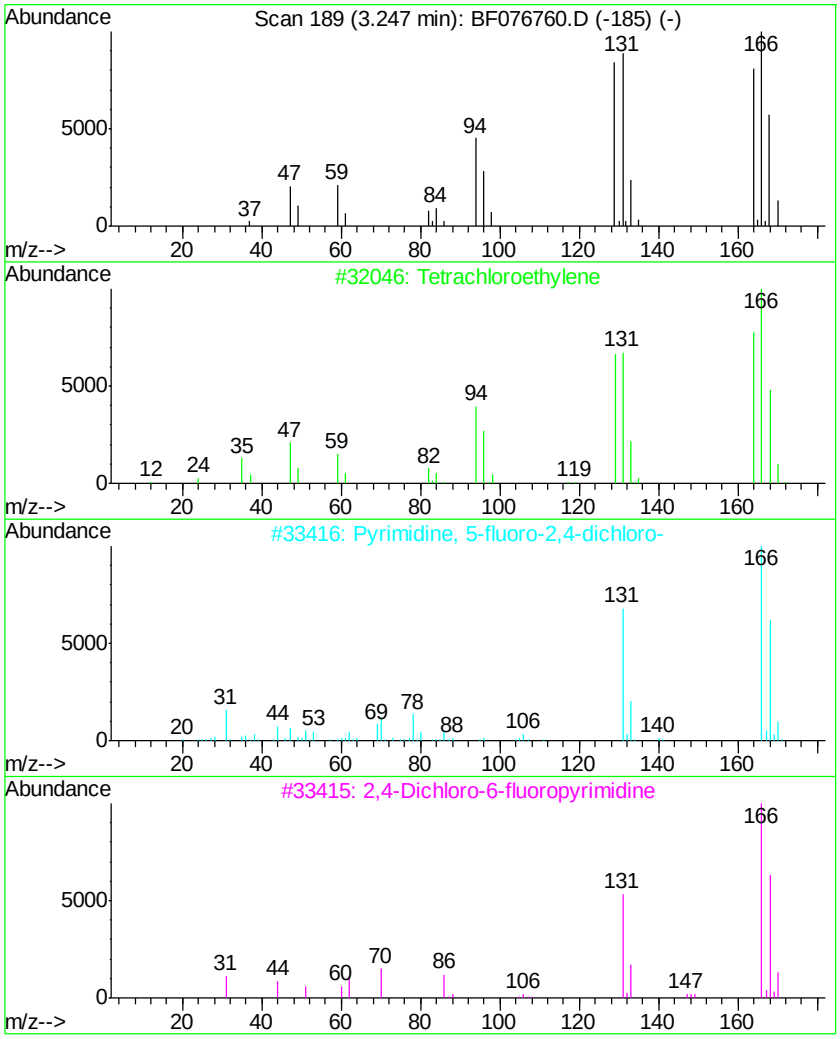
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

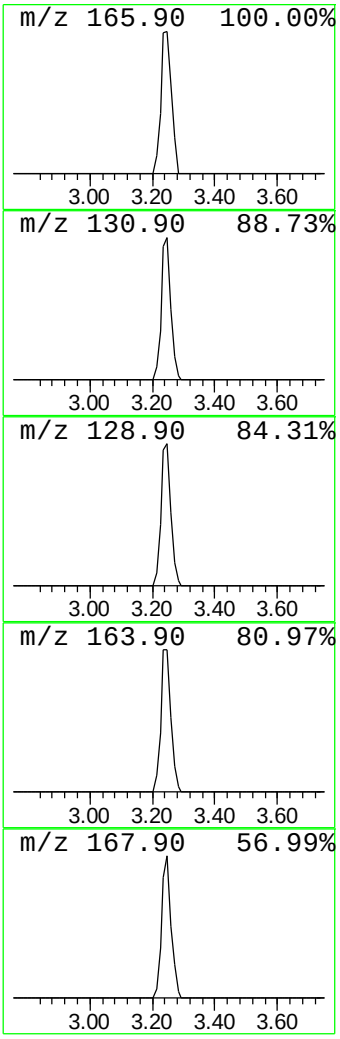
****

Peak Number 2 Tetrachloroethylene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.25	13.10 ng	175116	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetrachloroethylene	164	C2Cl4	000127-18-4	98
2	Pyrimidine, 5-fluoro-2,4-dichloro-	166	C4HCl2FN2	002927-71-1	38
3	2,4-Dichloro-6-fluoropyrimidine	166	C4HCl2FN2	003833-57-6	35
4	2-Chloroquinoxaline	164	C8H5ClN2	001448-87-9	12
5	4,6-Dichloro-2-fluoropyrimidine	166	C4HCl2FN2	003824-45-1	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.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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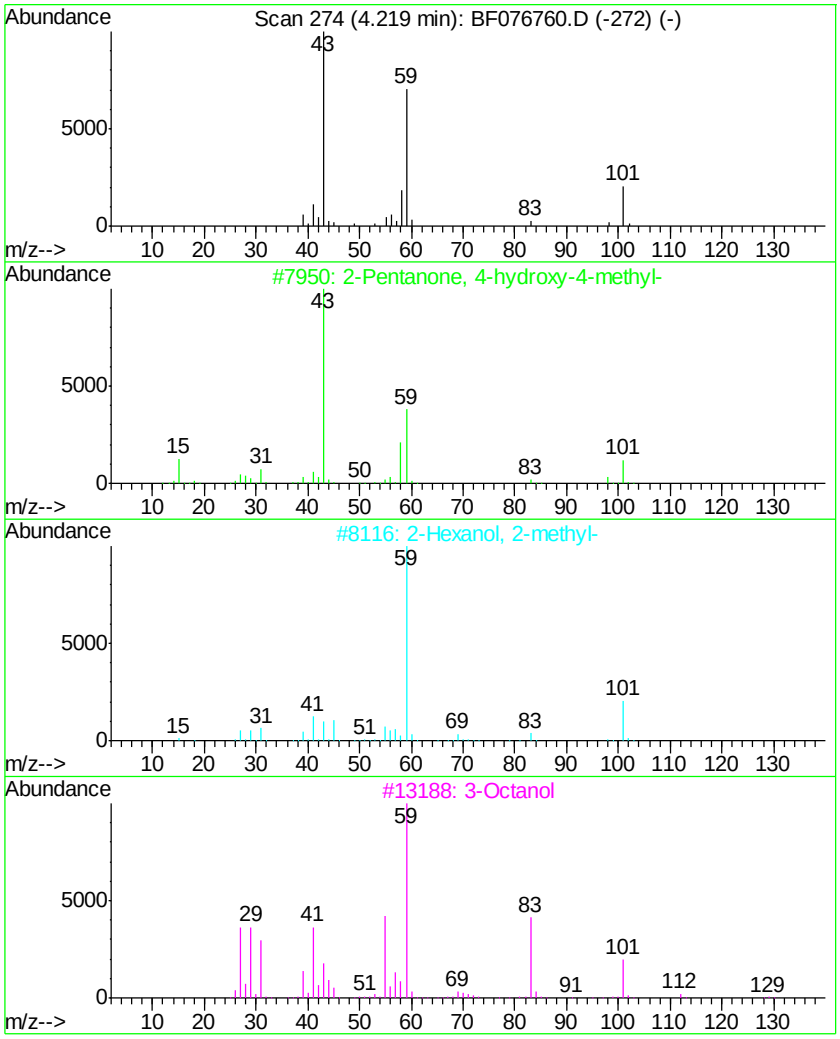
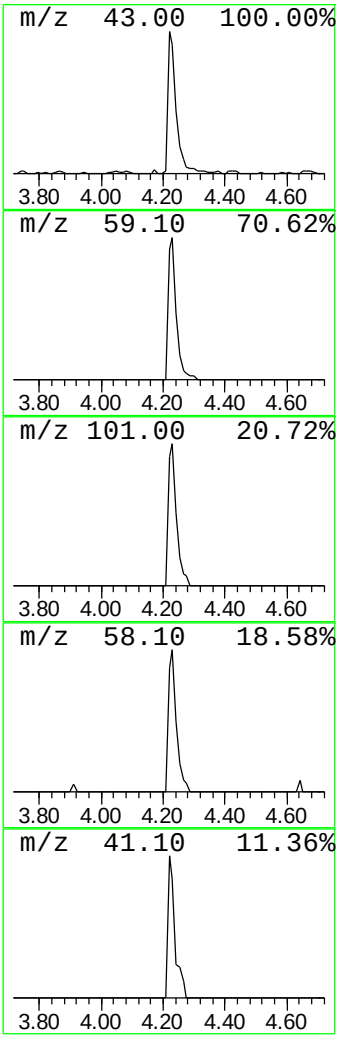
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.22	10.03 ng	133982	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
3	3-Octanol	130	C8H18O	000589-98-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	25
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	25





Data Path : Z:\HPCHEM1\BNA F\DATA\BF010615\
Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.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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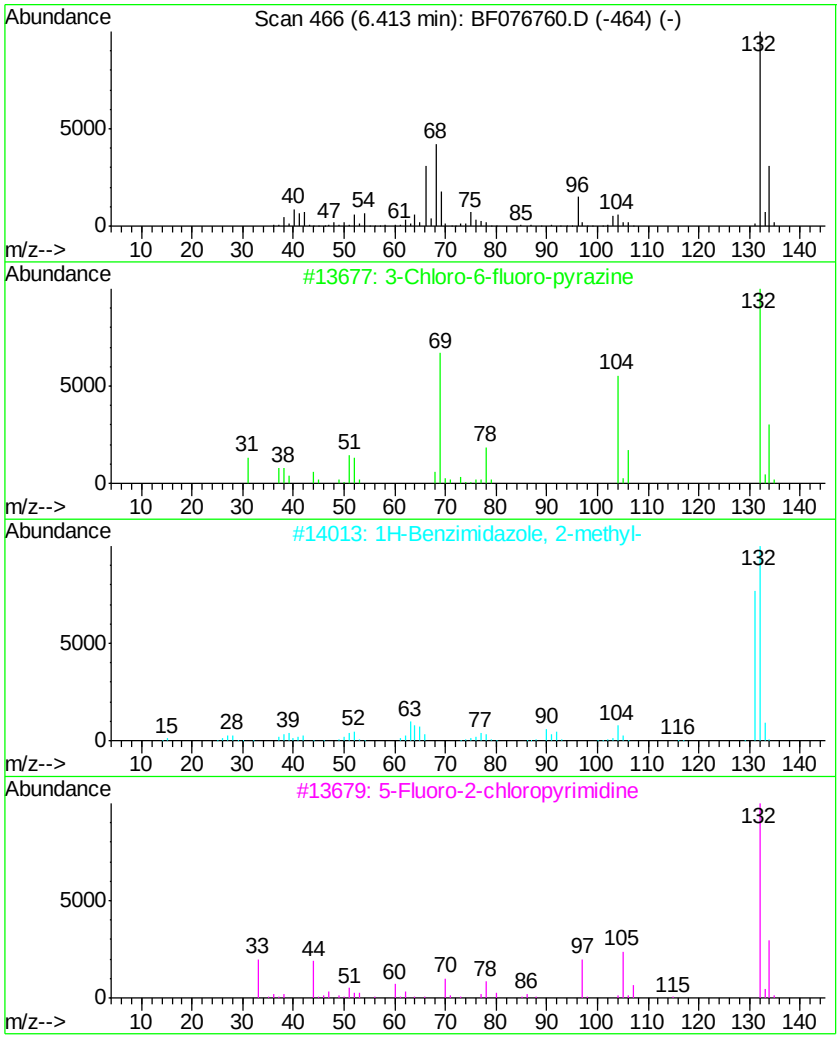
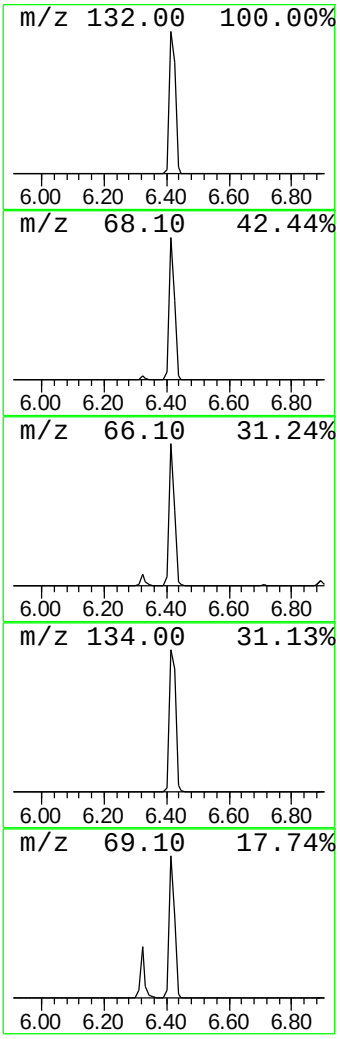
Peak Number 4 unknown6.41 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.41	76.27 ng	1019230	1,4-Dichlorobenzene-d4	6.71

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	22
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
4	1,2,3-Trifluorobenzene	132	C6H3F3	001489-53-8	9
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





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Data File : BF076760.D
Acq On : 6 Jan 2015 15:57
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Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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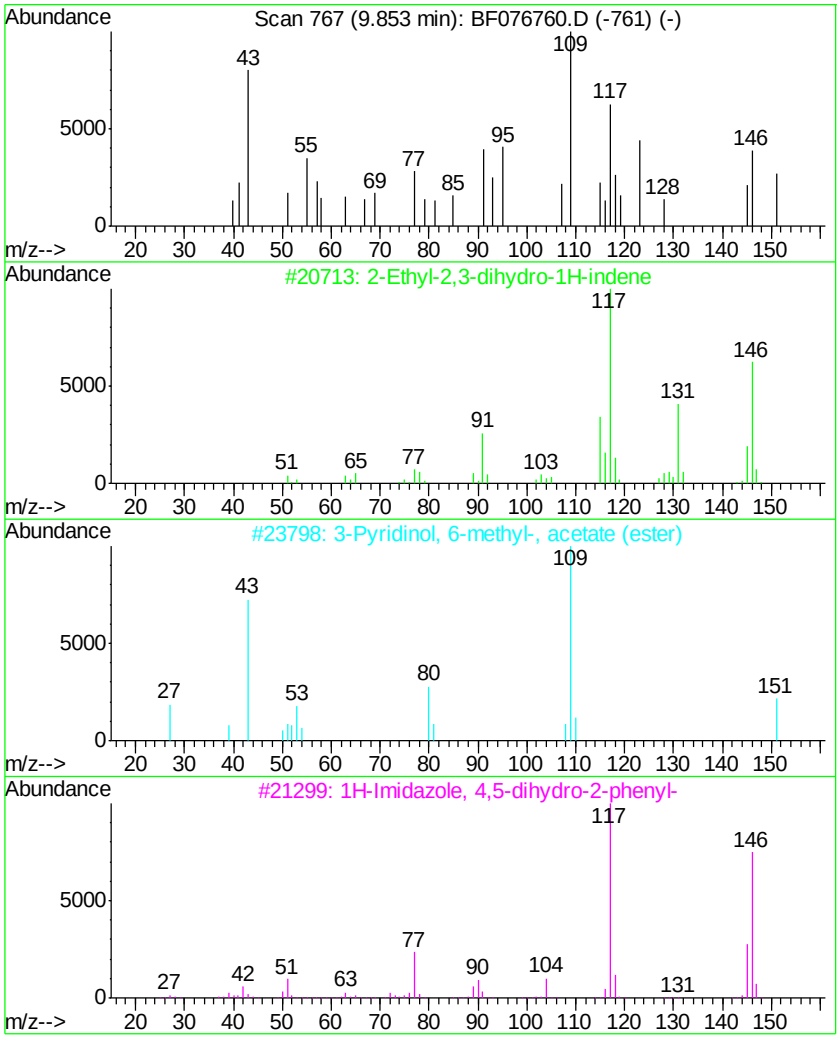
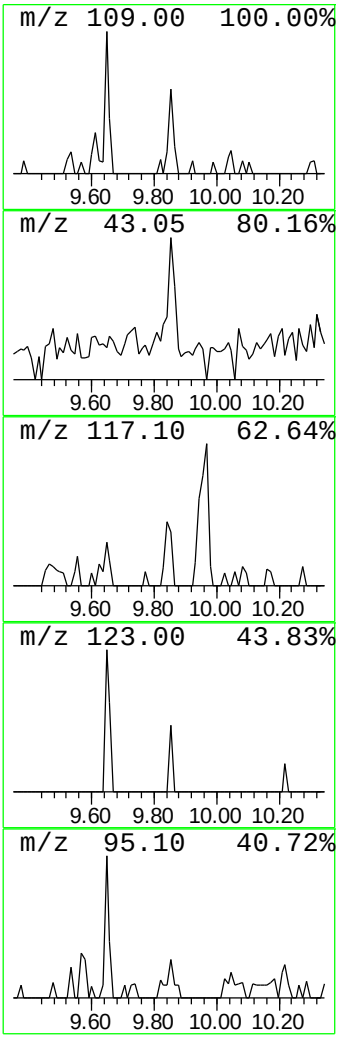
Peak Number 6 unknown9.85 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.02 ng	43677	Acenaphthene-d10	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Ethyl-2,3-dihydro-1H-indene	146	C11H14	056147-63-8	14
2	3-Pyridinol, 6-methyl-, acetate ...	151	C8H9NO2	004842-89-1	14
3	1H-Imidazole, 4,5-dihydro-2-phenyl-	146	C9H10N2	000936-49-2	14
4	1(3H)-Isobenzofuranone, 3a,4,5,7...	182	C10H14O3	054346-06-4	12
5	Methoxy(methyl)chlorosilane	110	C2H7ClOSi	018151-27-4	10





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Operator : IZ / TP
Sample : G1011-01
Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

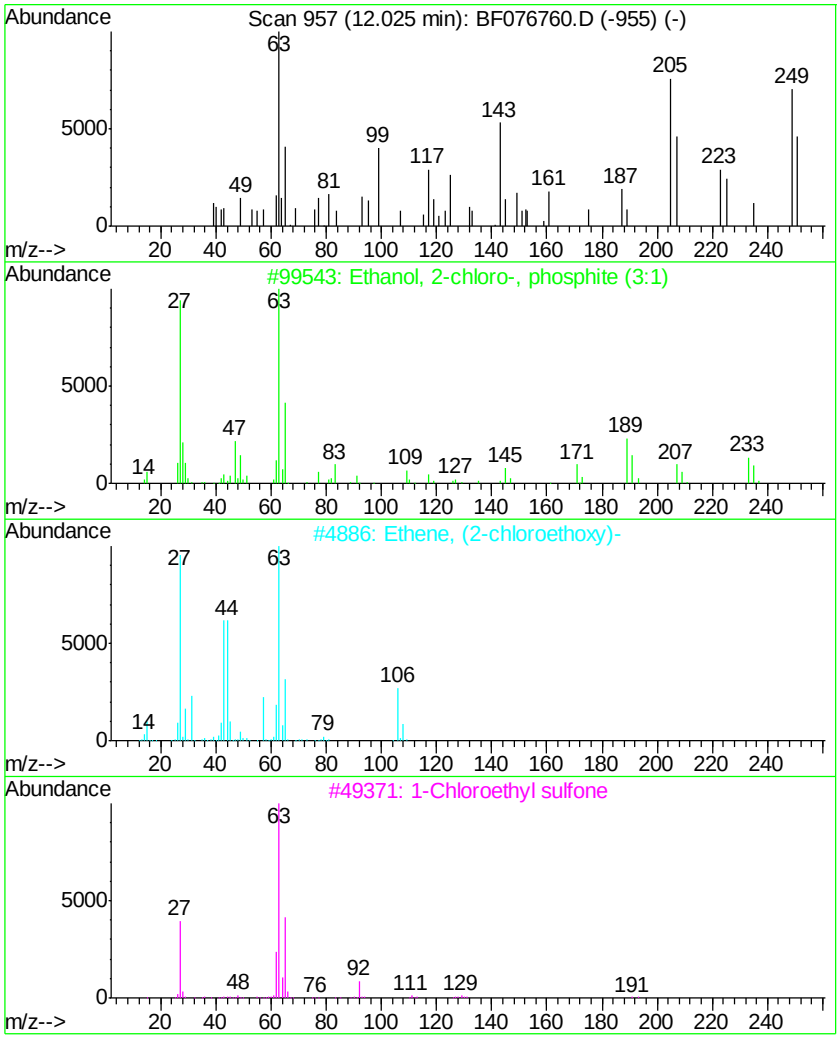
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

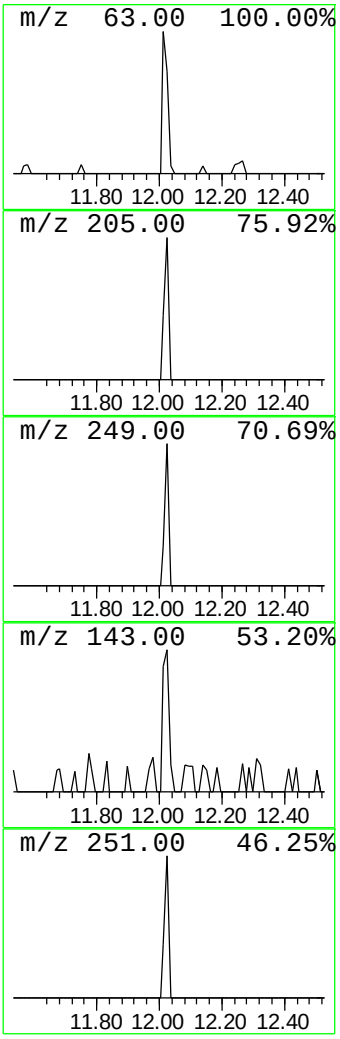
****

Peak Number 7 Ethanol, 2-chloro-, phosphi... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.03	2.06 ng	48522	Phenanthrene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-chloro-, phosphite (3:1)	268	C6H12Cl3O3P	000140-08-9	50
2	Ethene, (2-chloroethoxy)-	106	C4H7ClO	000110-75-8	40
3	1-Chloroethyl sulfone	190	C4H8Cl2O2S	010038-07-0	40
4	Ethane, 1,1-dichloro-	98	C2H4Cl2	000075-34-3	33
5	Ethanesulfonyl chloride, 2-chloro-	162	C2H4Cl2O2S	001622-32-8	33





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Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

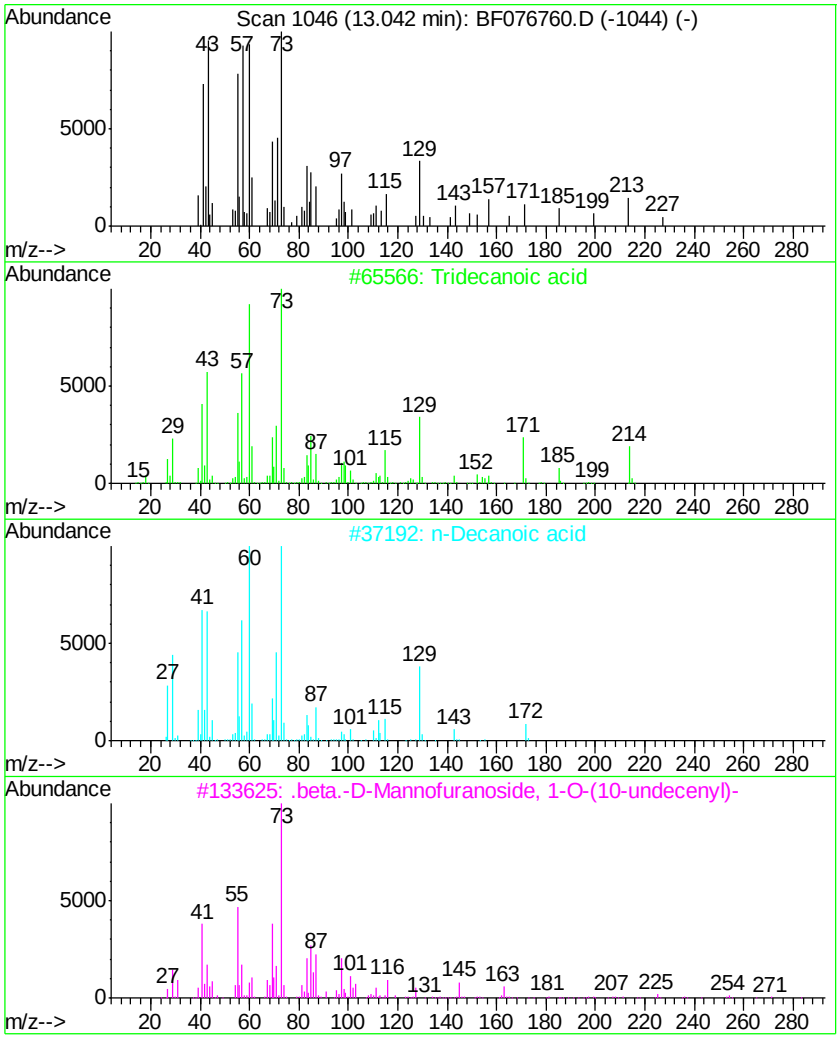
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

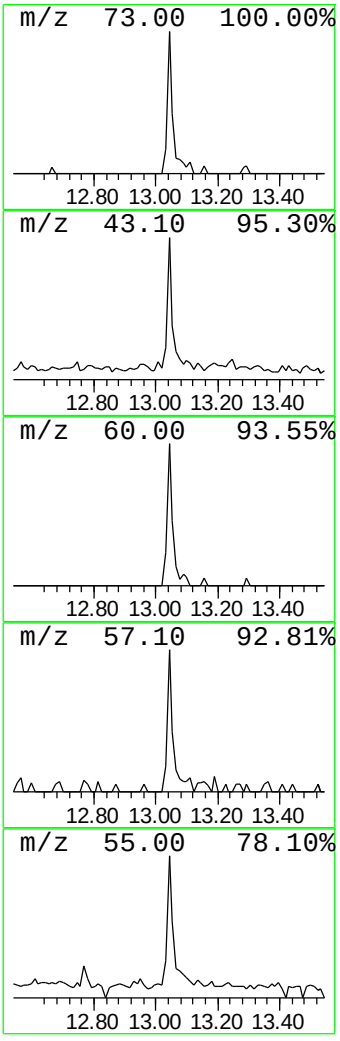
****

Peak Number 8 Tridecanoic acid Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.04	4.30 ng	101060	Phenanthrene-d10	12.27

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	80
2	n-Decanoic acid	172	C10H20O2	000334-48-5	59
3	.beta.-D-Mannofuranoside, 1-O-(1...	332	C17H32O6	1000155-29-9	22
4	Undecane	156	C11H24	001120-21-4	11
5	Undecane, 5-ethyl-	184	C13H28	017453-94-0	10





Tentatively Identified Compound (LSC) summary

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Data File : BF076760.D
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Misc : W
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121714.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
Tetrachloroethylene	3.25	13.1	ng	175116	1	6.71	267264	20.0
2-Pentanone, 4-hy...	4.22	10.0	ng	133982	1	6.71	267264	20.0
unknown6.41	6.41	76.3	ng	1019230	1	6.71	267264	20.0
unknown9.85	9.85	2.0	ng	43677	3	10.45	431963	20.0
Ethanol, 2-chloro...	12.03	2.1	ng	48522	4	12.27	470402	20.0
Tridecanoic acid	13.04	4.3	ng	101060	4	12.27	470402	20.0