LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072116\
Data File : BF089165.D
Acq On : 21 Jul 2016 7:47
Operator : UM/SJ
Sample : H4019-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-SGS-31

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-BF072016.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	1.724	10	12	33	rVB	1198188	1739624	85.88%	9.382%
2	4.753	275	277	291	rBV	40007	83148	4.10%	0.448%
3	5.199	313	316	336	rBV	1025665	1694057	83.63%	9.136%
4	6.262	406	409	416	rBV	1268393	1734329	85.62%	9.354%
5	6.376	416	419	424	rVV	1266959	1837020	90.69%	9.907%
6	6.456	424	426	437	rVV	31823	102872	5.08%	0.555%
7	6.605	437	439	446	rVV	198472	314714	15.54%	1.697%
8	6.753	449	452	461	rBV	1291338	1315317	64.94%	7.094%
9	7.176	486	489	491	rBV	757381	1103837	54.50%	5.953%
10	7.885	548	551	561	rVB	402373	443228	21.88%	2.390%
11	8.959	642	645	648	rBV	1520493	2025570	100.00%	10.924%
12	9.359	678	680	695	rBB	392352	380802	18.80%	2.054%
13	9.622	701	703	706	rBV	367437	493491	24.36%	2.661%
14	10.411	770	772	775	rBV2	854552	1245610	61.49%	6.718%
15	10.548	781	784	787	rVB	19004	23767	1.17%	0.128%
16	10.994	821	823	824	rBV	22936	22903	1.13%	0.124%
17	11.096	830	832	835	rBV	446498	523378	25.84%	2.823%
18	11.371	851	856	859	rBV2	33753	90383	4.46%	0.487%
19	11.416	859	860	865	rVB	40014	39634	1.96%	0.214%
20	12.205	924	929	934	rBV	31586	62511	3.09%	0.337%
21	12.582	958	962	968	rVB3	11220	21464	1.06%	0.116%
22	12.685	968	971	974	rBV	1654767	1949880	96.26%	10.516%
23	13.634	1048	1054	1058	rBV2	24029	72258	3.57%	0.390%
24	13.714	1058	1061	1064	rVV	622618	886573	43.77%	4.781%
25	15.063	1177	1179	1182	rBV	301545	335521	16.56%	1.810%

Sum of corrected areas: 18541891

LSC Report - Integrated Chromatogram

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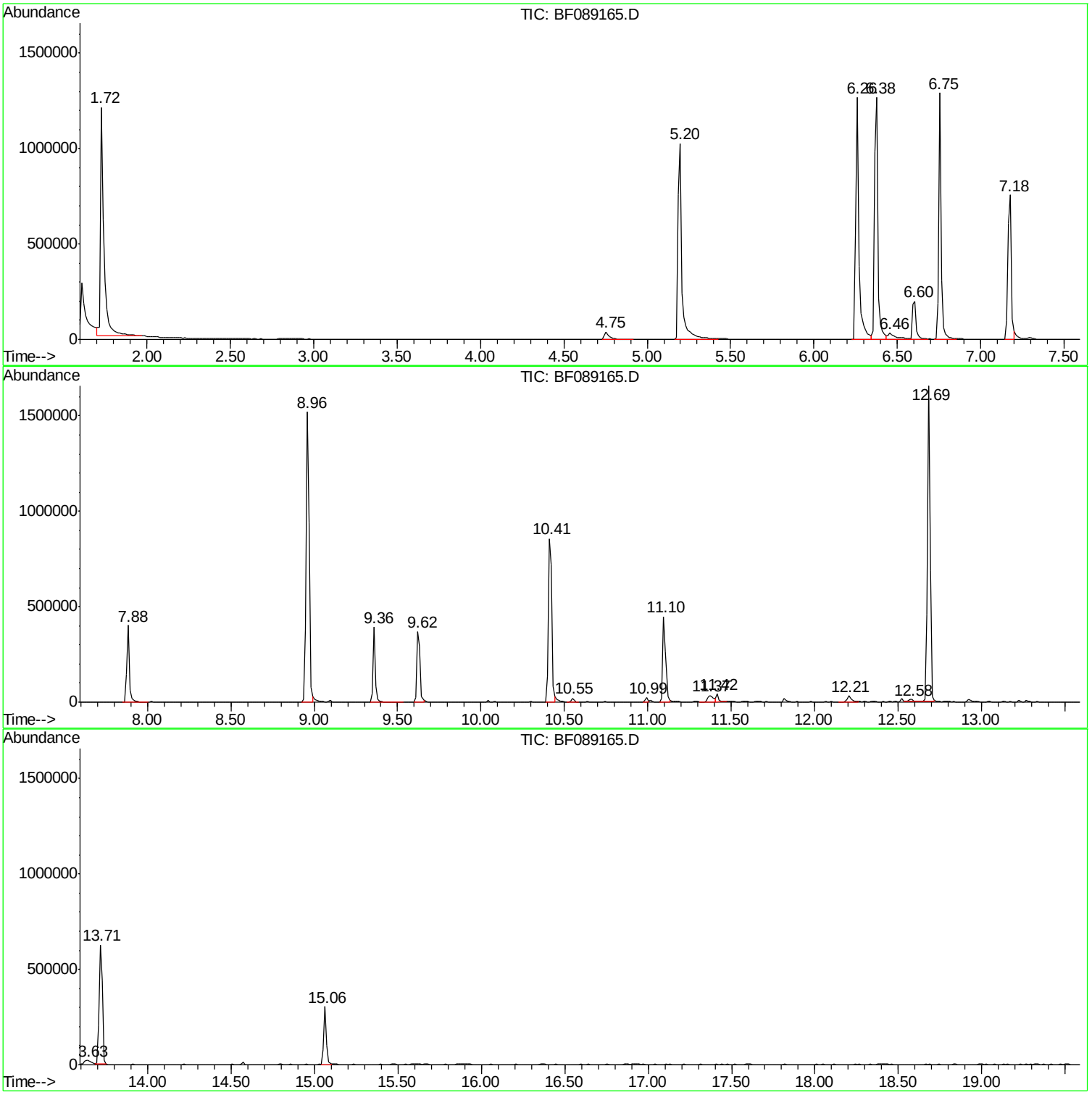
Instrument : BNA_F
ClientSampleId : LOCATION-SGS-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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



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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

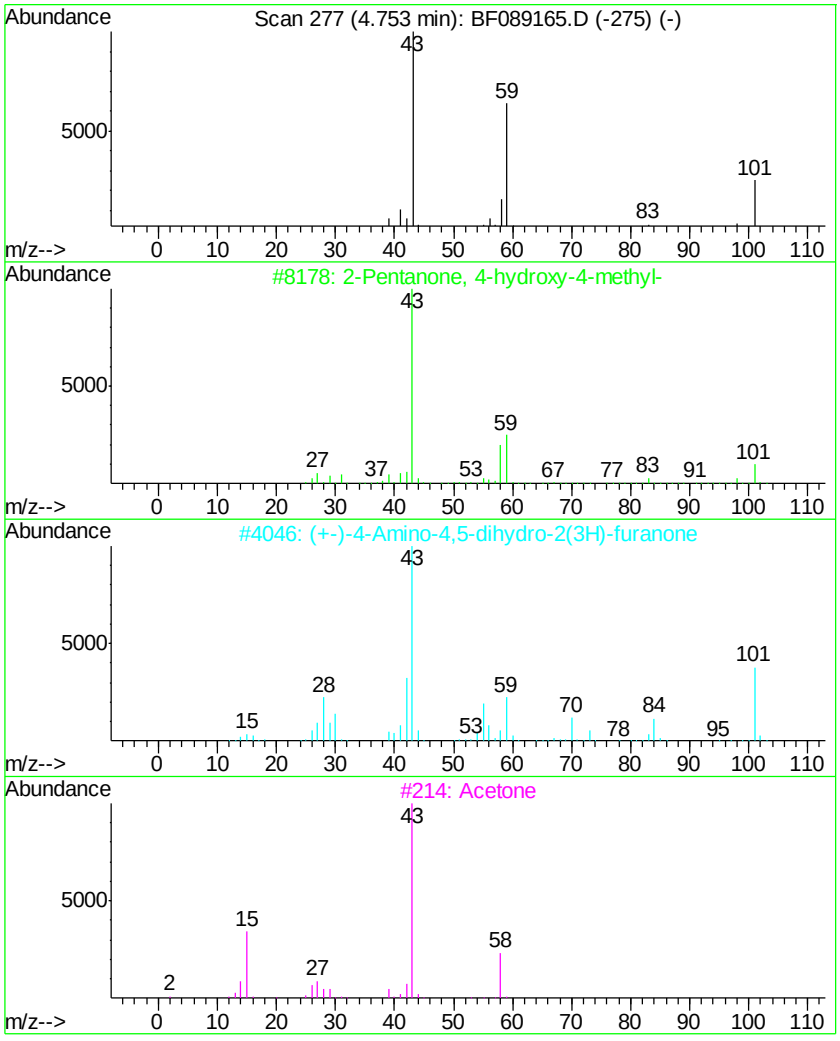
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

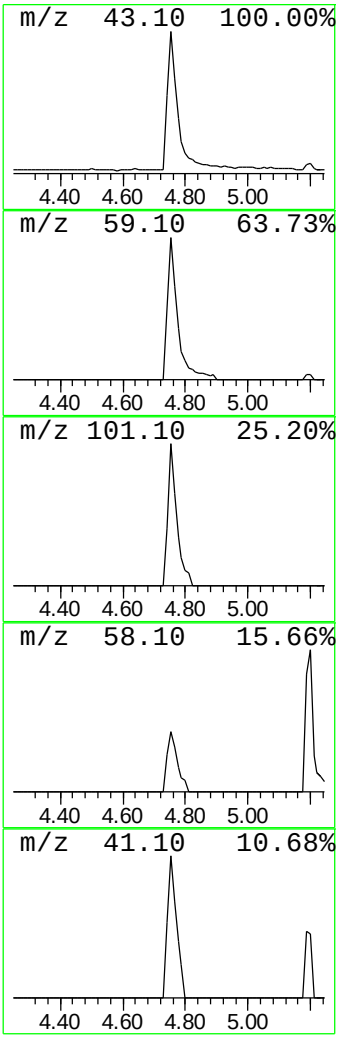
****

Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.75	5.28 ng	83148	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	28
3	Acetone	58	C3H6O	000067-64-1	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	9





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Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-SGS-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\Database\NIST11.L
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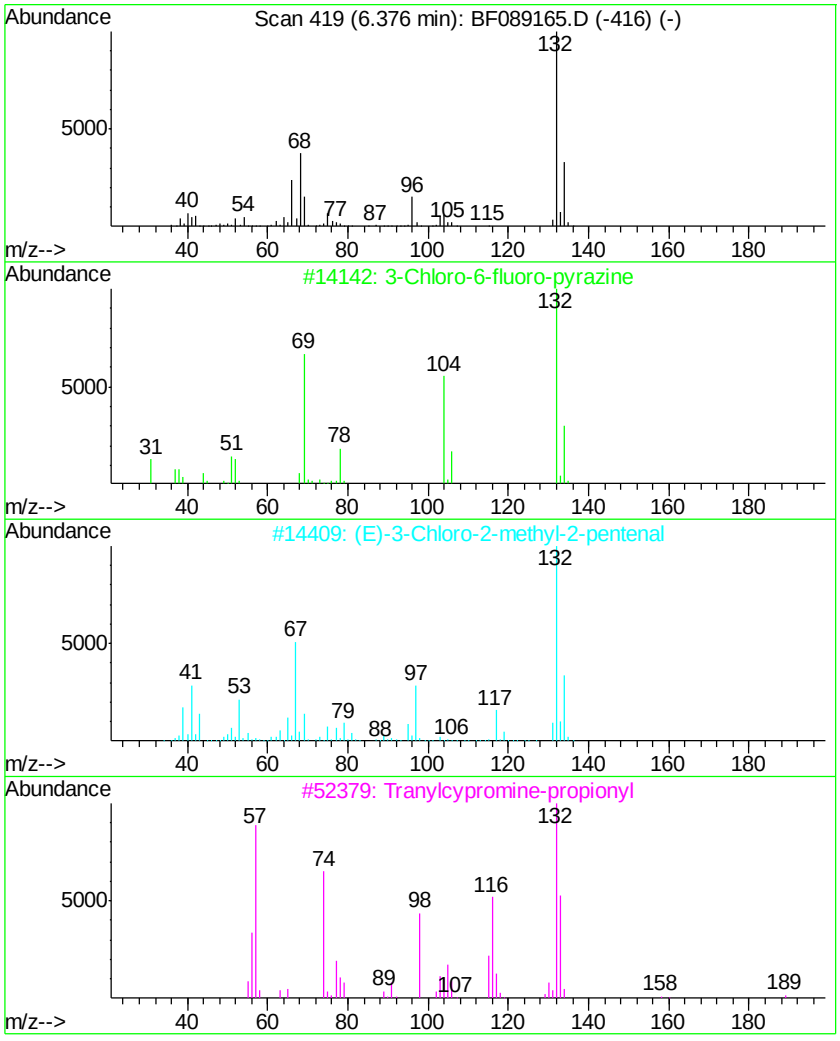
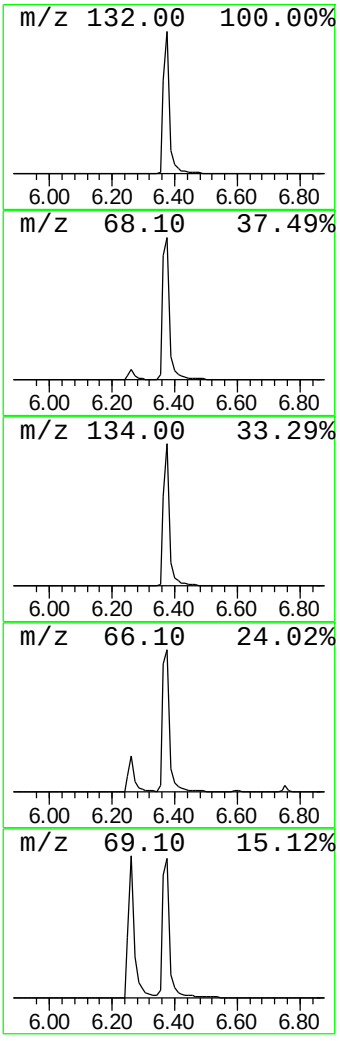
****

Peak Number 3 unknown6.38 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.38	116.74 ng	1837020	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	9
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9





Library Search Compound Report

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Acq On : 21 Jul 2016 7:47
Operator : UM/SJ
Sample : H4019-08
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
LOCATION-SGS-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

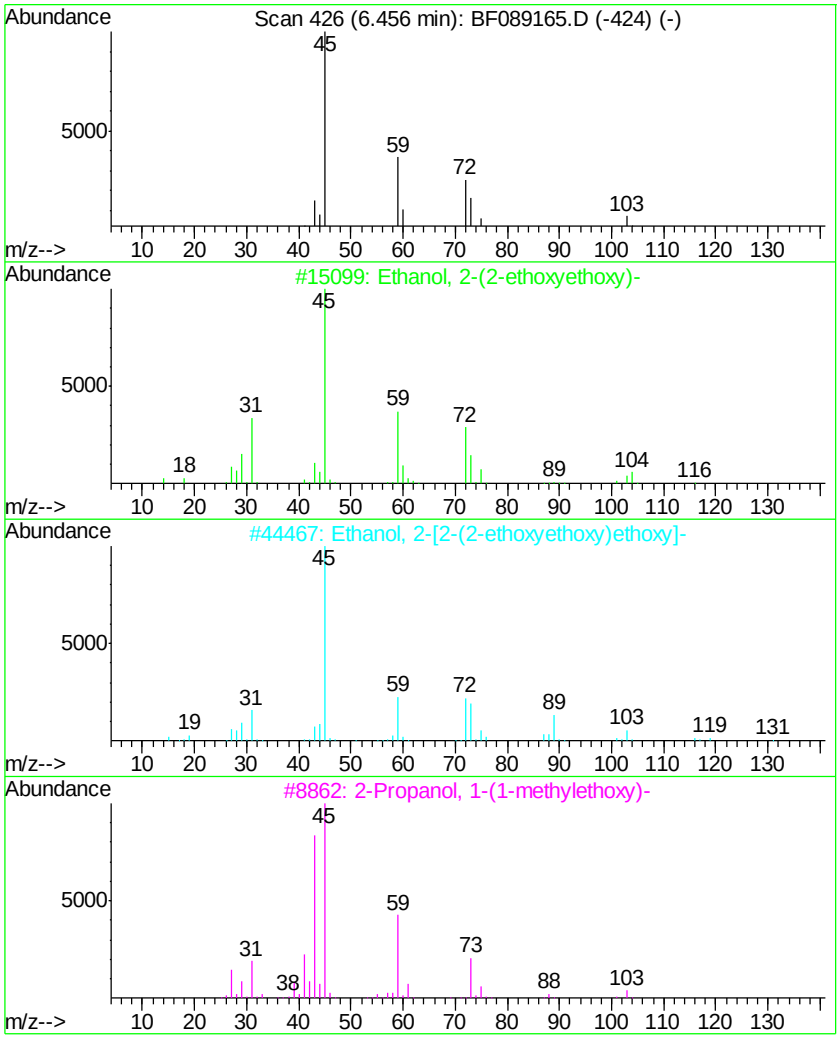
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

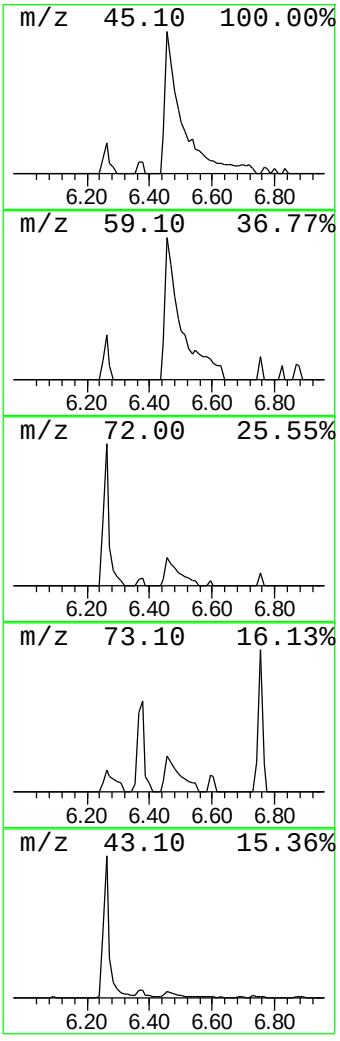
****

Peak Number 4 Ethanol, 2-(2-ethoxyethoxy)- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.46	6.54 ng	102872	1,4-Dichlorobenzene-d4	6.60

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-ethoxyethoxy)-	134	C6H14O3	000111-90-0	83
2	Ethanol, 2-[2-(2-ethoxyethoxy)et...	178	C8H18O4	000112-50-5	40
3	2-Propanol, 1-(1-methylethoxy)-	118	C6H14O2	003944-36-3	38
4	Ethanol, 2-(2-methoxyethoxy)-	120	C5H12O3	000111-77-3	9
5	Diethyl carbitol	162	C8H18O3	000112-36-7	9





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ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOCATION-SGS-31

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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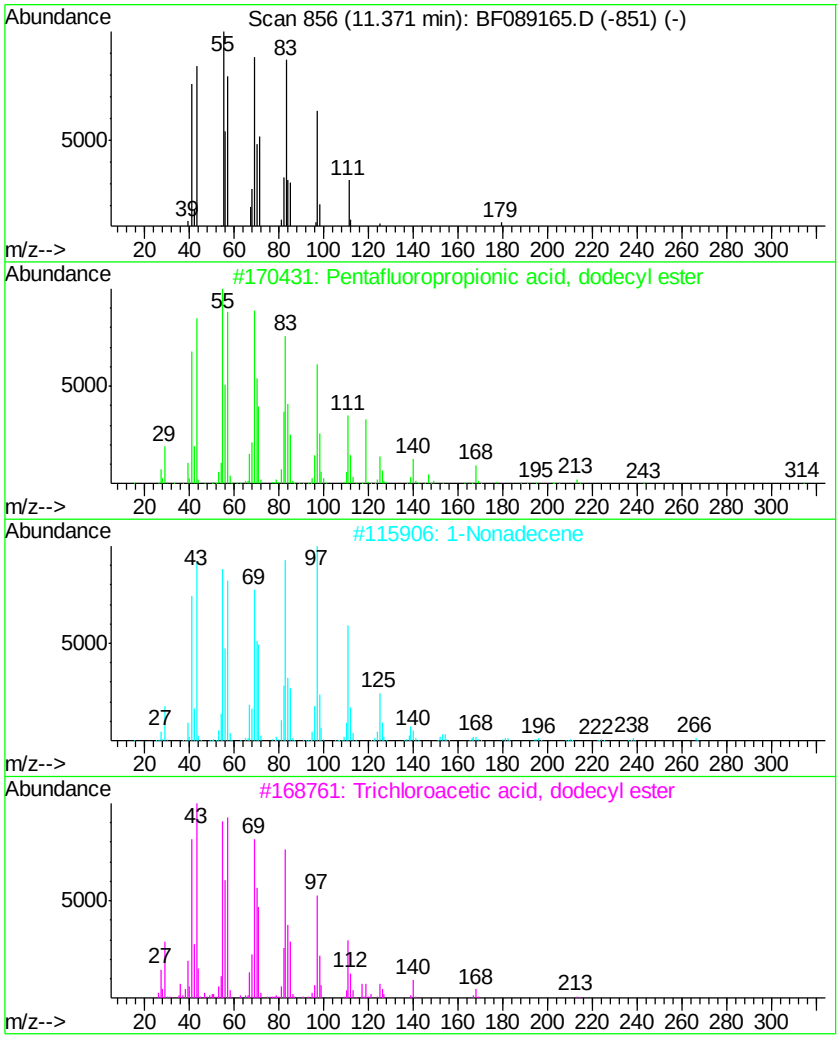
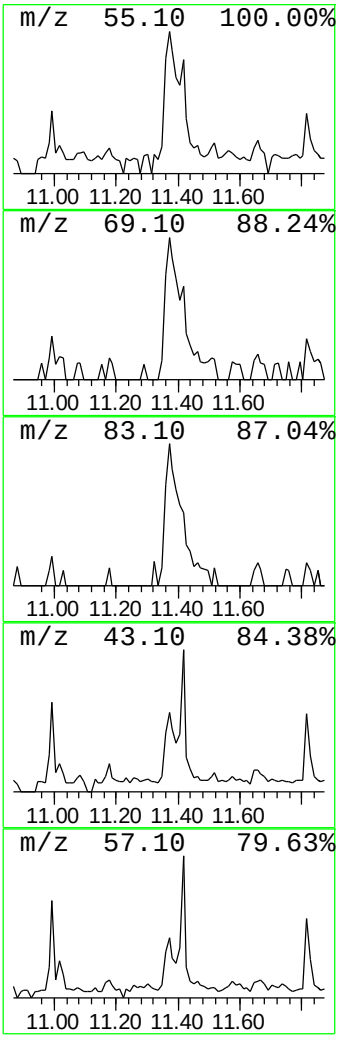
****

Peak Number 6 Pentafluoropropionic acid, ... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.37	3.45 ng	90383	Phenanthrene-d10	11.10

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Pentafluoropropionic acid, dodec...	332	C15H25F5O2	006222-04-4	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	Trichloroacetic acid, dodecyl ester	330	C14H25Cl3O2	074339-50-7	91
4	1-Heptadecene	238	C17H34	006765-39-5	91
5	3-Eicosene, (E)-	280	C20H40	074685-33-9	91





Library Search Compound Report

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Acq On : 21 Jul 2016 7:47
Operator : UM/SJ
Sample : H4019-08
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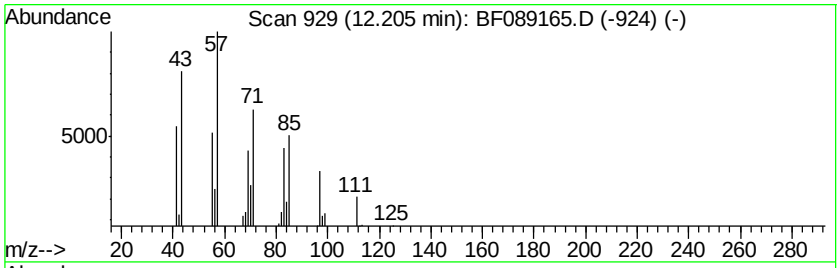
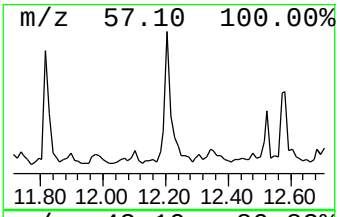
****

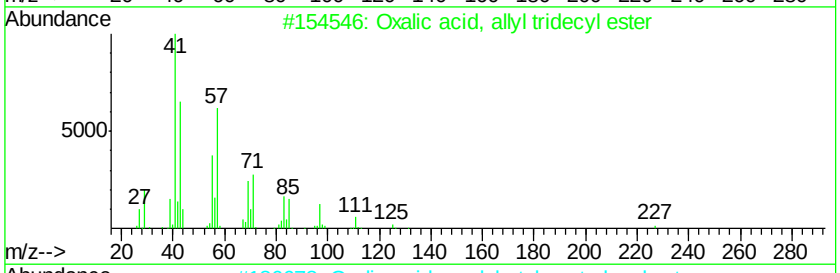
Peak Number 7 Oxalic acid, allyl tridecyl... Concentration Rank 7

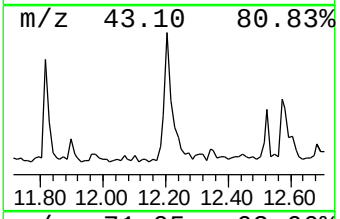
R.T.	EstConc	Area	Relative to ISTD	R.T.
12.21	2.39 ng	62511	Phenanthrene-d10	11.10

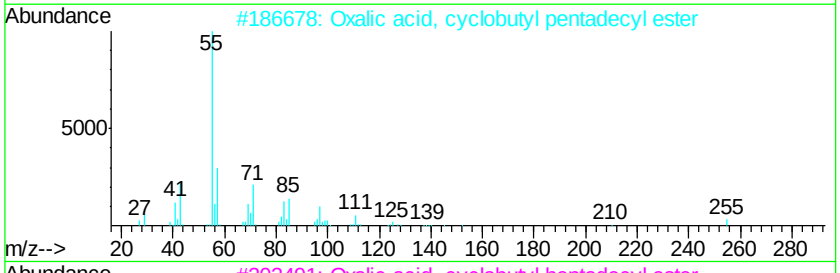
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxalic acid, allyl tridecyl ester	312	C18H32O4	1000309-24-1	90
2	Oxalic acid, cyclobutyl pentadec...	354	C21H38O4	1000309-70-5	83
3	Oxalic acid, cyclobutyl heptadec...	382	C23H42O4	1000309-70-7	78
4	Oxalic acid, cyclobutyl octadecy...	396	C24H44O4	1000309-70-8	78
5	1-Octanol, 2-butyl-	186	C12H26O	003913-02-8	72

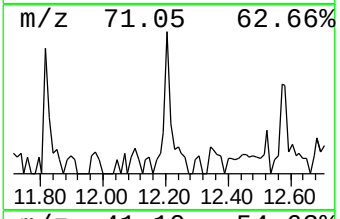


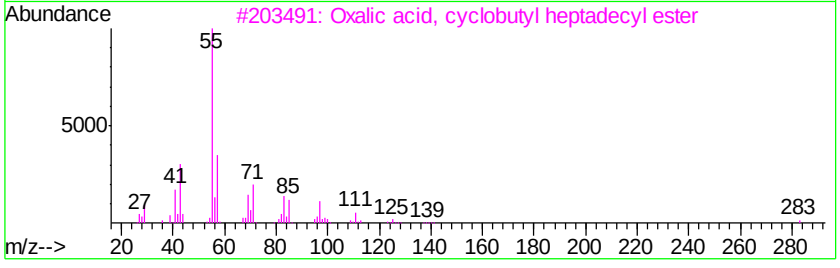


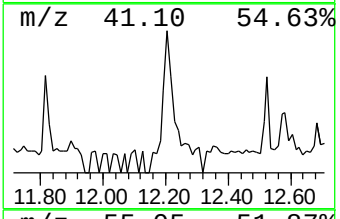


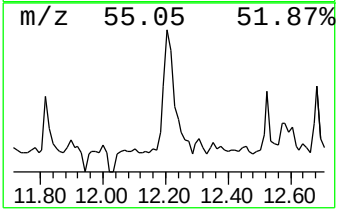












Tentatively Identified Compound (LSC) summary

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TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	4.75	5.3	ng	83148	1	6.60	314714	20.0
unknown6.38	6.38	116.7	ng	1837020	1	6.60	314714	20.0
Ethanol, 2-(2-eth...	6.46	6.5	ng	102872	1	6.60	314714	20.0
Pentafluoropropio...	11.37	3.5	ng	90383	4	11.10	523378	20.0
Oxalic acid, ally...	12.21	2.4	ng	62511	4	11.10	523378	20.0