LSC Area Percent Report

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

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-BF121315.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	5.082	259	262	265	rBV	169265	186843	7.74%	1.172%
2	5.504	296	299	302	rBV	1067651	939535	38.90%	5.891%
3	6.522	386	388	391	rBV	437930	530354	21.96%	3.326%
4	6.670	398	401	403	rBV	1983543	1820780	75.39%	11.417%
5	6.899	419	421	424	rBV	641193	556291	23.03%	3.488%
6	6.967	425	427	429	rVV	84889	69170	2.86%	0.434%
7	7.059	432	435	437	rBV	1975084	1727577	71.53%	10.833%
8	7.459	467	470	473	rBV	1110121	1286912	53.29%	8.069%
9	8.190	531	534	536	rBV	594026	679207	28.12%	4.259%
10	9.265	625	628	630	rBV	2643555	2415141	100.00%	15.144%
11	9.391	637	639	641	rBV	24027	33196	1.37%	0.208%
12	9.653	660	662	664	rBV	52970	44098	1.83%	0.277%
13	9.939	685	687	693	rVB	727587	693400	28.71%	4.348%
14	10.351	721	723	724	rBV	49225	45805	1.90%	0.287%
15	10.373	724	725	727	rVB	24646	30869	1.28%	0.194%
16	10.602	741	745	748	rBV	12003	25654	1.06%	0.161%
17	10.728	753	756	758	rBV	1226680	1219471	50.49%	7.647%
18	10.854	765	767	769	rBV	35733	44765	1.85%	0.281%
19	11.425	814	817	819	rBV	557298	580652	24.04%	3.641%
20	11.814	848	851	853	rVB	105883	88143	3.65%	0.553%
21	13.002	953	955	957	rBV	1780888	1904374	78.85%	11.941%
22	13.905	1031	1034	1044	rBV4	19626	56481	2.34%	0.354%
23	14.054	1044	1047	1050	rBV	584174	574132	23.77%	3.600%
24	15.494	1170	1173	1180	rBV	262609	395241	16.37%	2.478%

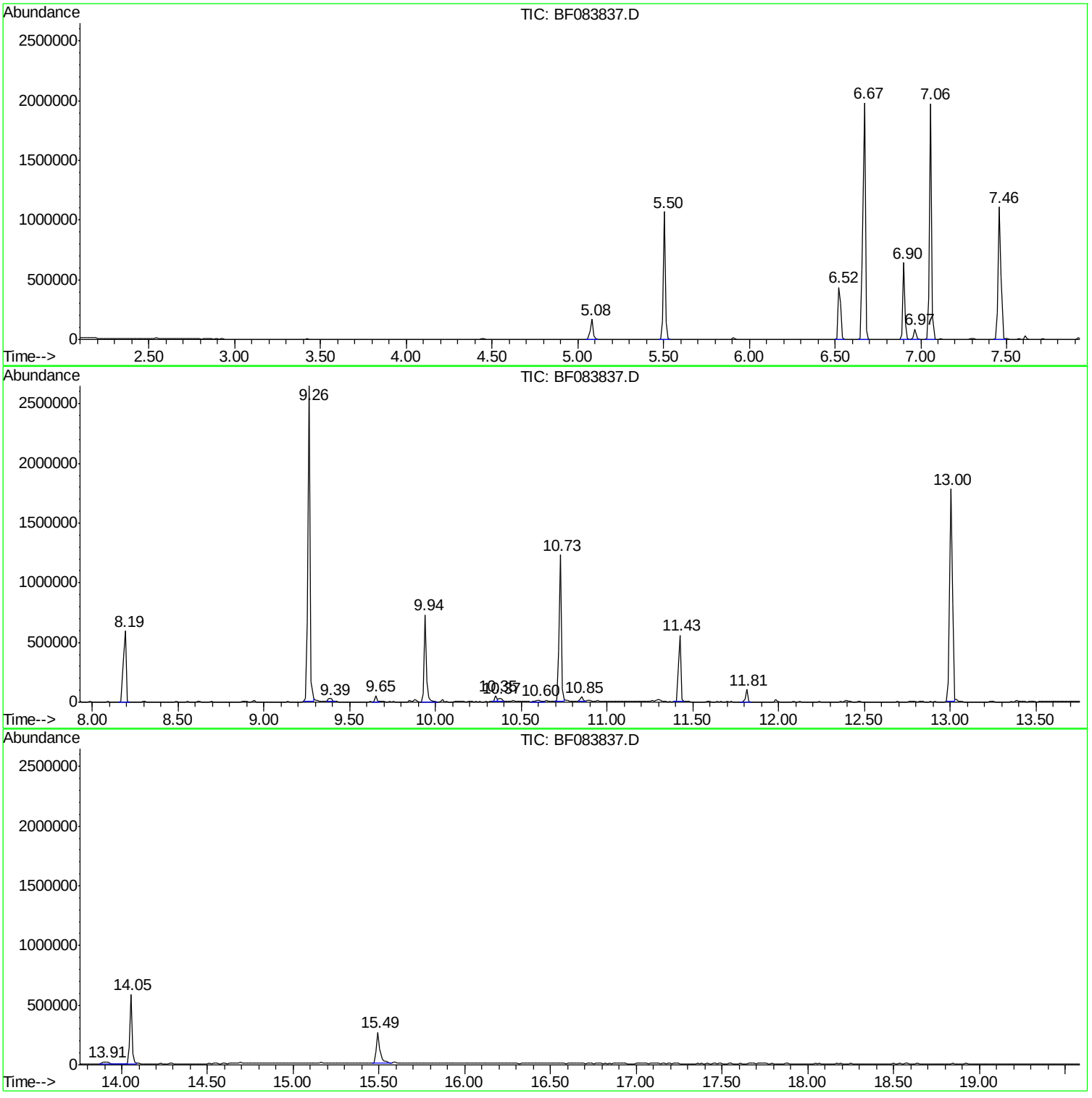
Sum of corrected areas: 15948091

Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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 : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

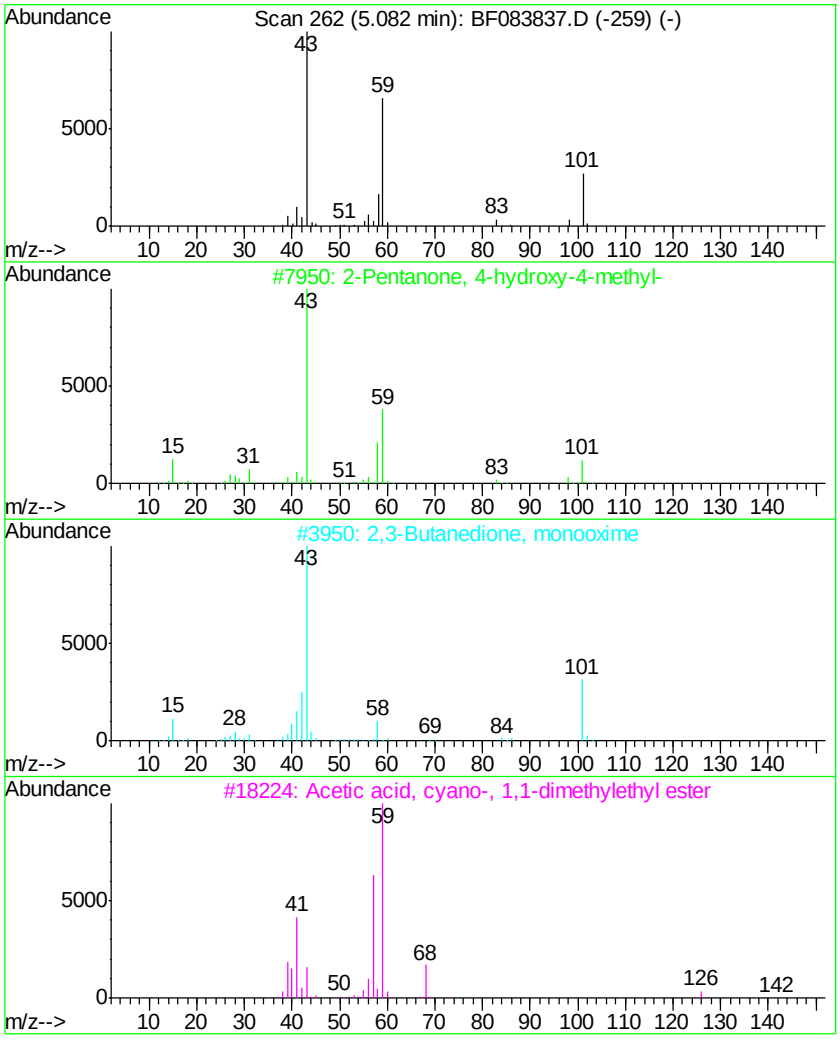
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

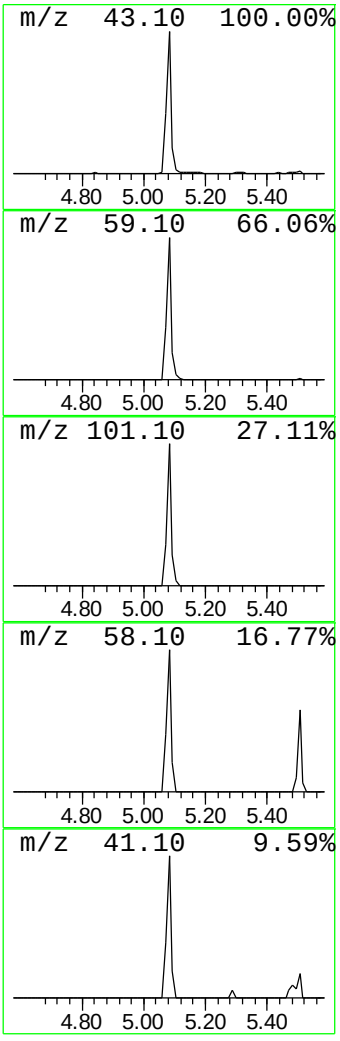
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.08	6.72 ng	186843	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	17
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	9





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

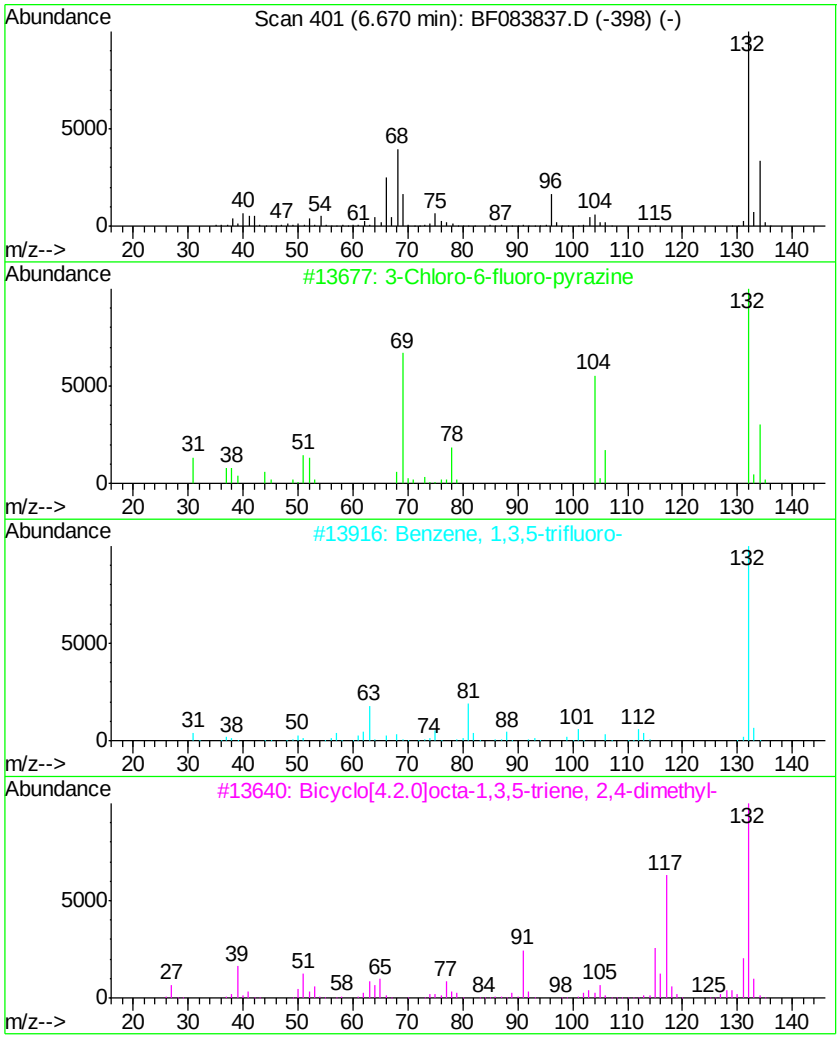
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

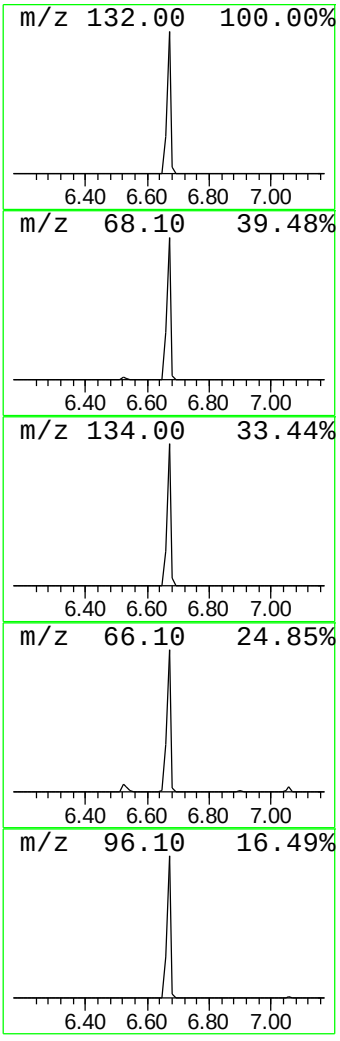
****

Peak Number 2 unknown6.67 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.67	65.46 ng	1820780	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
3	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

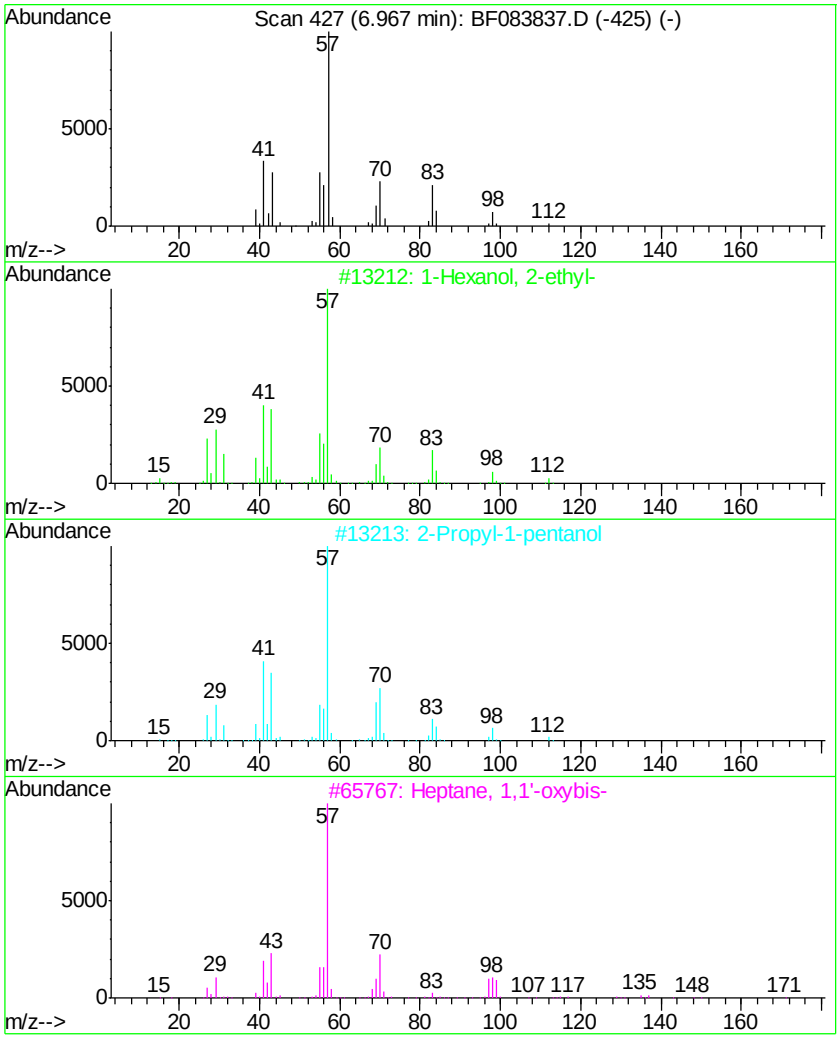
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

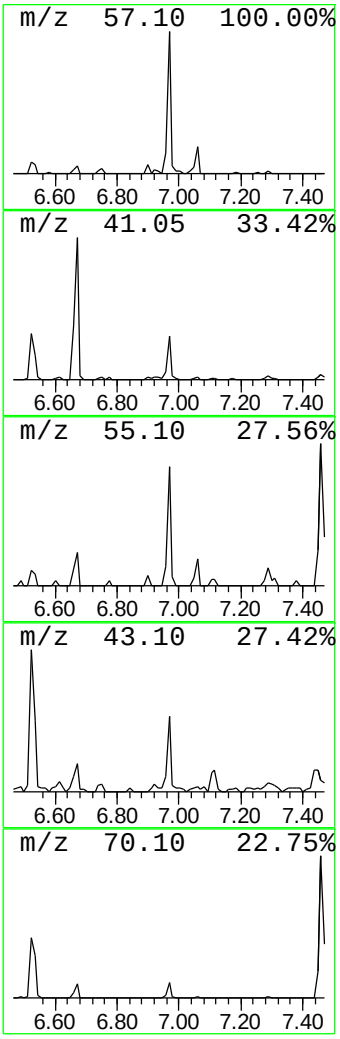
****

Peak Number 3 1-Hexanol, 2-ethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.97	2.49 ng	69170	1,4-Dichlorobenzene-d4	6.90

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Hexanol, 2-ethyl-	130	C8H18O	000104-76-7	83
2	2-Propyl-1-pentanol	130	C8H18O	058175-57-8	50
3	Heptane, 1,1'-oxybis-	214	C14H30O	000629-64-1	47
4	dl-2-Ethylhexyl chloroformate	192	C9H17ClO2	024468-13-1	42
5	Heptane, 3-ethyl-	128	C9H20	015869-80-4	40





Data Path : V:\HPCHEM1\BNA F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

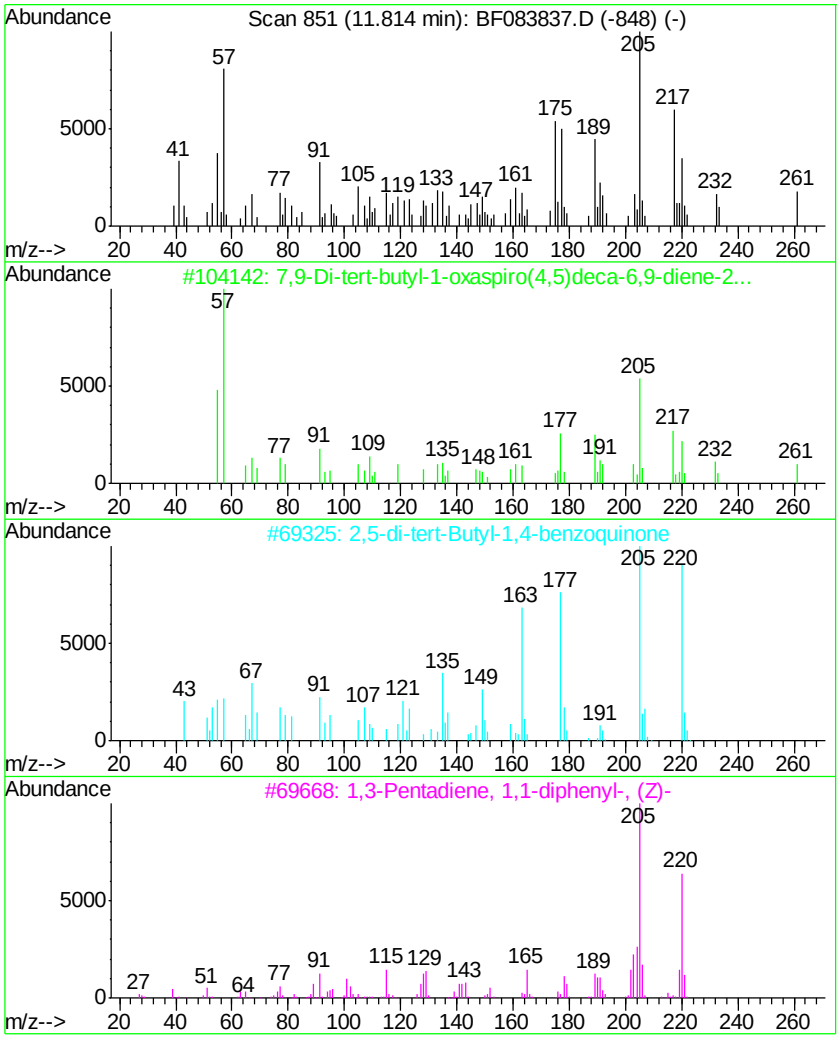
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

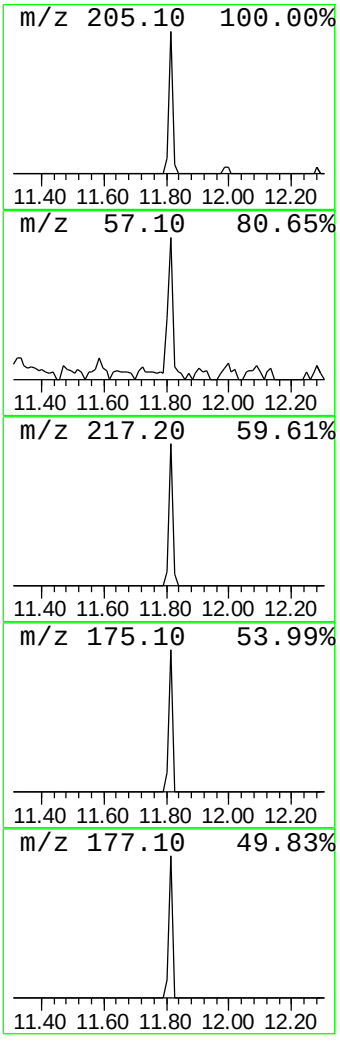
****

Peak Number 5 7,9-Di-tert-butyl-1-oxaspir... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.81	3.04 ng	88143	Phenanthrene-d10	11.43

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	91
2	2,5-di-tert-Butyl-1,4-benzoquinone	220	C14H20O2	002460-77-7	45
3	1,3-Pentadiene, 1,1-diphenyl-, (Z)-	220	C17H16	015295-31-5	45
4	Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	44
5	Benzenethanol, O,.beta.,.beta.,2...	220	C15H24O	1000128-94-8	44





Tentatively Identified Compound (LSC) summary

Data Path : V:\HPCHEM1\BNA_F\DATA\BF121515\
Data File : BF083837.D
Acq On : 16 Dec 2015 2:18
Operator : UM/IZ
Sample : G4797-03
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TPMW3

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121315.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
2-Pentanone, 4-hy...	5.08	6.7	ng	186843	1	6.90	556291	20.0
unknown6.67	6.67	65.5	ng	1820780	1	6.90	556291	20.0
1-Hexanol, 2-ethyl-	6.97	2.5	ng	69170	1	6.90	556291	20.0
7,9-Di-tert-butyl...	11.81	3.0	ng	88143	4	11.43	580652	20.0