LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111315\
Data File : BF082930.D
Acq On : 14 Nov 2015 8:09
Operator : UM/IZ
Sample : G4367-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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	4.967	249	252	255	rVB	821418	895217	14.82%	2.219%
2	5.413	289	291	294	rBV	1879264	2367071	39.20%	5.867%
3	6.453	380	382	385	rBV	1663031	1506735	24.95%	3.735%
4	6.579	390	393	395	rBV	4898757	4420375	73.20%	10.957%
5	6.796	410	412	414	rBV	821156	1094252	18.12%	2.712%
6	6.956	424	426	429	rVB	3172590	4067255	67.35%	10.081%
7	7.367	459	462	465	rBV	3116117	3354727	55.55%	8.315%
8	8.087	523	525	528	rBV	1553967	1375426	22.78%	3.409%
9	9.173	617	620	622	rBV	6781997	6038813	100.00%	14.968%
10	9.562	653	654	659	rVB	178384	183194	3.03%	0.454%
11	9.790	671	674	676	rBV	134996	110012	1.82%	0.273%
12	9.848	676	679	681	rVV	1677401	1576704	26.11%	3.908%
13	10.293	714	718	719	rBV2	110239	172208	2.85%	0.427%
14	10.510	734	737	740	rBV	52346	78270	1.30%	0.194%
15	10.636	745	748	751	rVV	3560728	3442974	57.01%	8.534%
16	10.762	755	759	763	rBV2	169835	234553	3.88%	0.581%
17	11.208	793	798	800	rBV2	106523	127902	2.12%	0.317%
18	11.322	806	808	811	rVB2	1217371	1376465	22.79%	3.412%
19	11.379	811	813	820	rVB	39291	68824	1.14%	0.171%
20	12.316	893	895	897	rVB	77641	72757	1.20%	0.180%
21	12.373	897	900	902	rVB	92488	92340	1.53%	0.229%
22	12.751	931	933	935	rBV	219107	202374	3.35%	0.502%
23	12.922	945	948	950	rBV	4761921	5143853	85.18%	12.750%
24	13.448	992	994	996	rBV2	90543	130397	2.16%	0.323%
25	13.825	1025	1027	1029	rBV	87510	106190	1.76%	0.263%
26	13.962	1036	1039	1041	rBV	1213795	1094307	18.12%	2.712%
27	15.379	1160	1163	1166	rBV	803005	1010882	16.74%	2.506%

Sum of corrected areas: 40344077

LSC Report - Integrated Chromatogram

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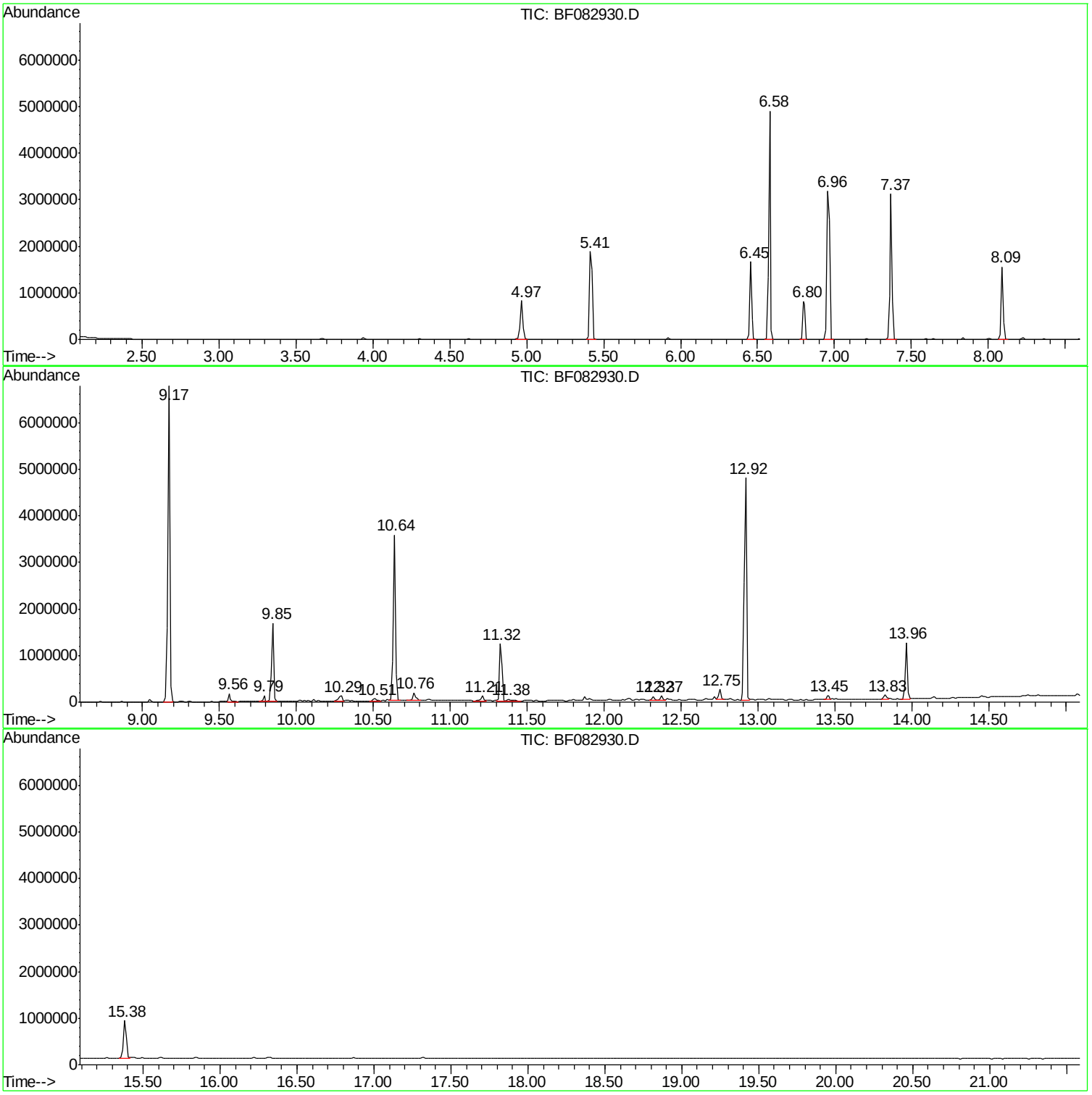
Sample : G4367-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

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



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Operator : UM/IZ
Sample : G4367-01
Misc :
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Instrument : BNA_F
ClientSampleId : DSN001

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

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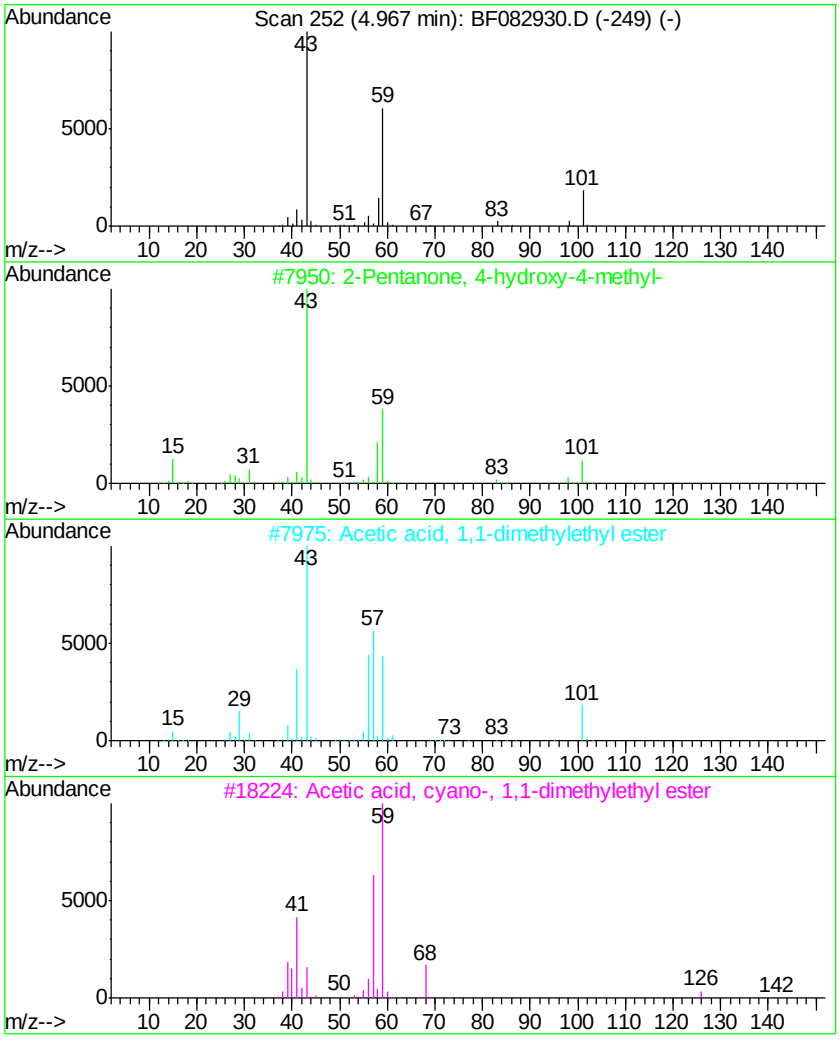
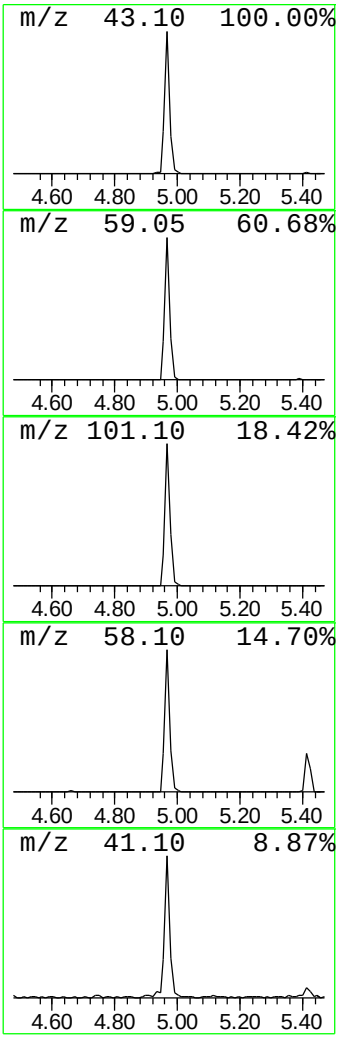
Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.97	16.36 ng	895217	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
4	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
5	3-Pentanol	88	C5H12O	000584-02-1	9





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Operator : UM/IZ
Sample : G4367-01
Misc :
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Instrument : BNA_F
ClientSampleId : DSN001

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

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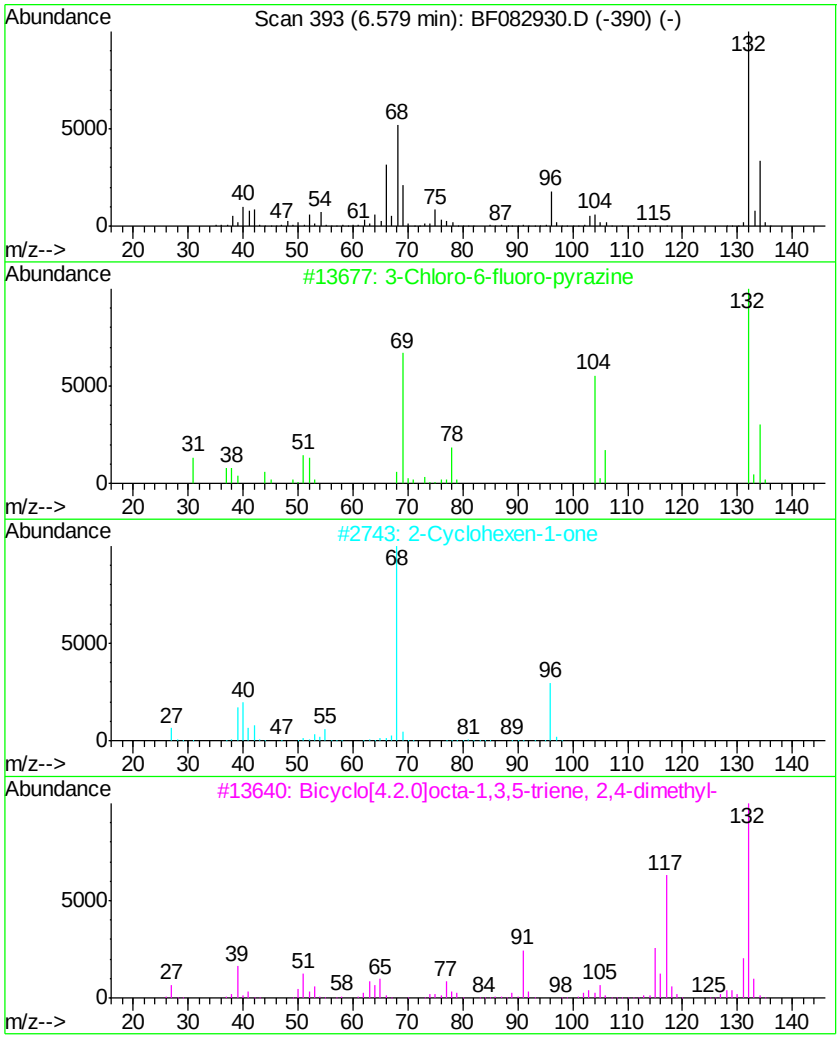
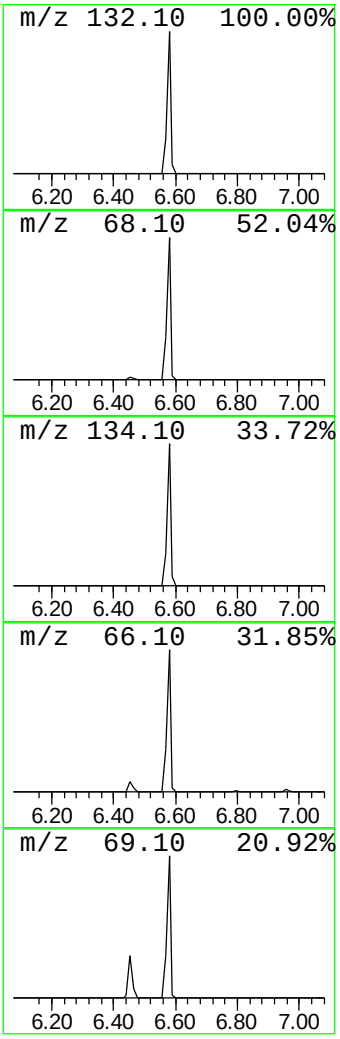
Peak Number 2 unknown6.58 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.58	80.79 ng	4420380	1,4-Dichlorobenzene-d4	6.81

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	2-Cyclohexen-1-one	96	C6H8O	000930-68-7	10
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	1-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-59-9	9





Library Search Compound Report

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Sample : G4367-01
Misc :
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Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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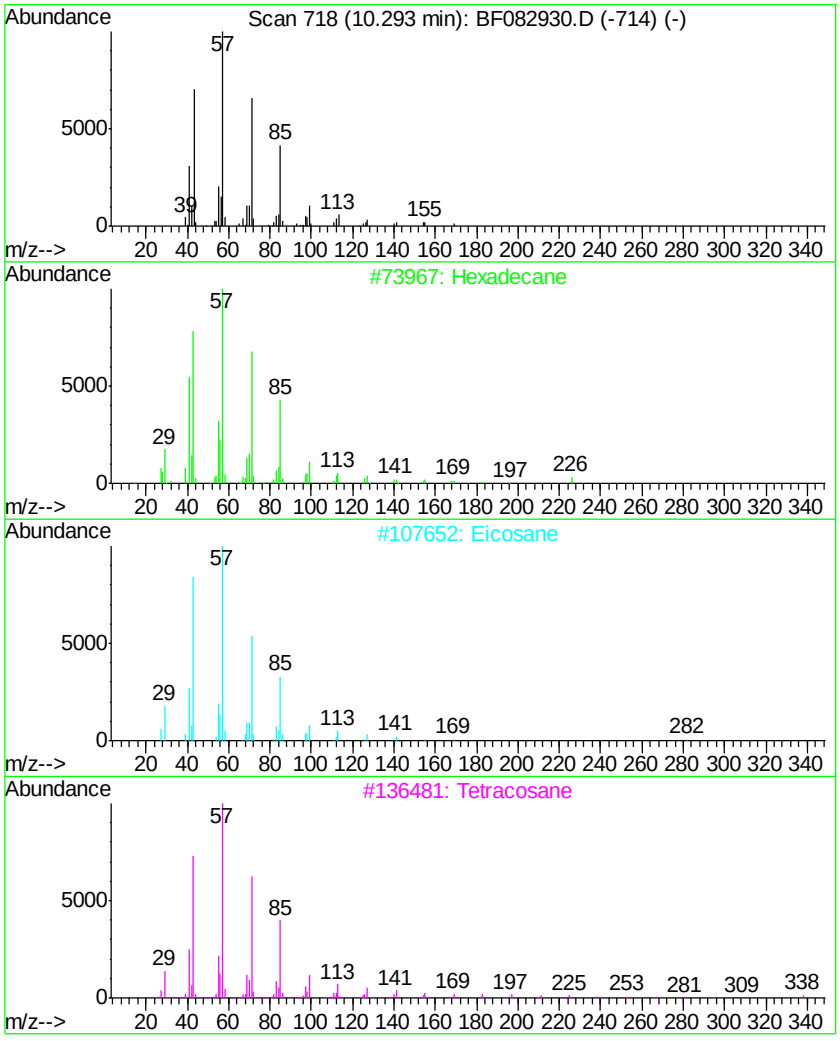
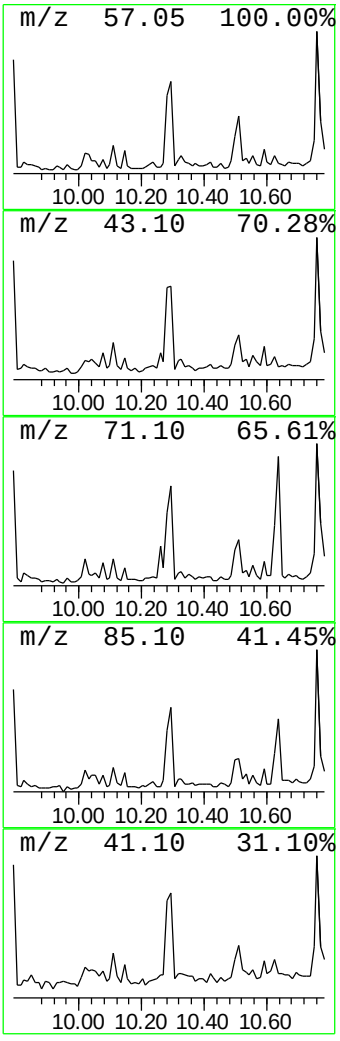
Peak Number 4 Hexadecane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.29	2.18 ng	172208	Acenaphthene-d10	9.85

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane	226	C16H34	000544-76-3	91
2	Eicosane	282	C20H42	000112-95-8	91
3	Tetracosane	338	C24H50	000646-31-1	90
4	Tetradecane	198	C14H30	000629-59-4	87
5	Nonadecane	268	C19H40	000629-92-5	86





Library Search Compound Report

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Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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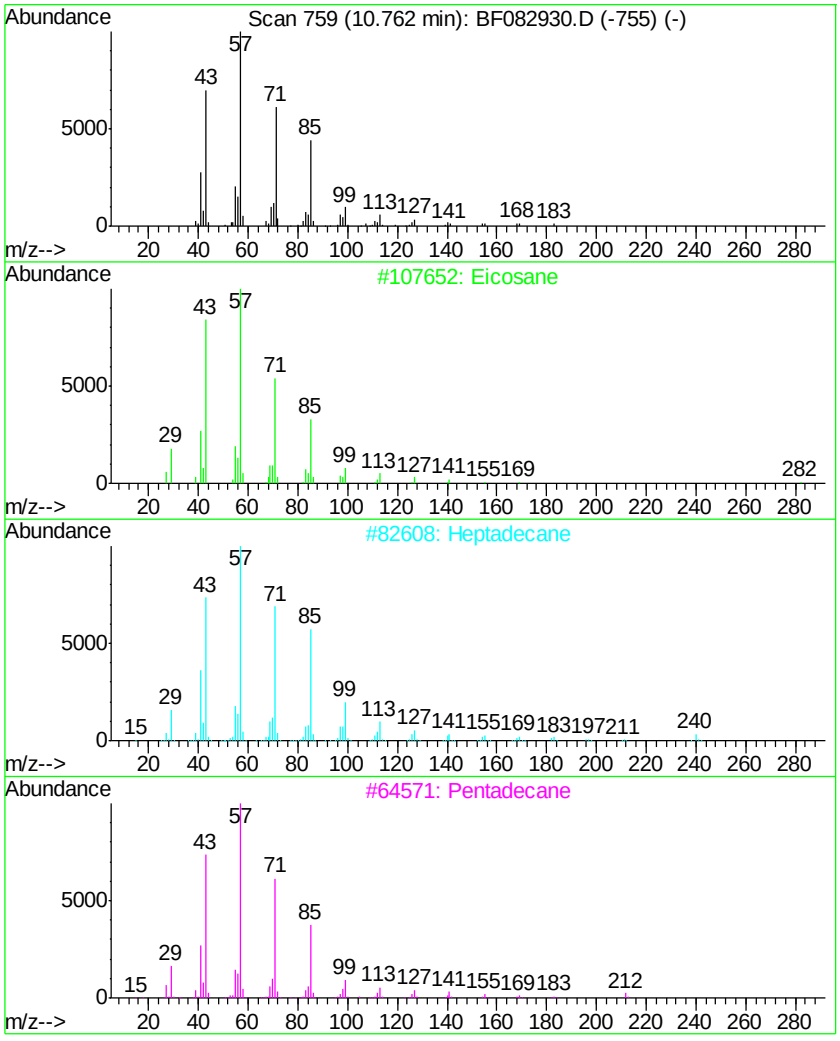
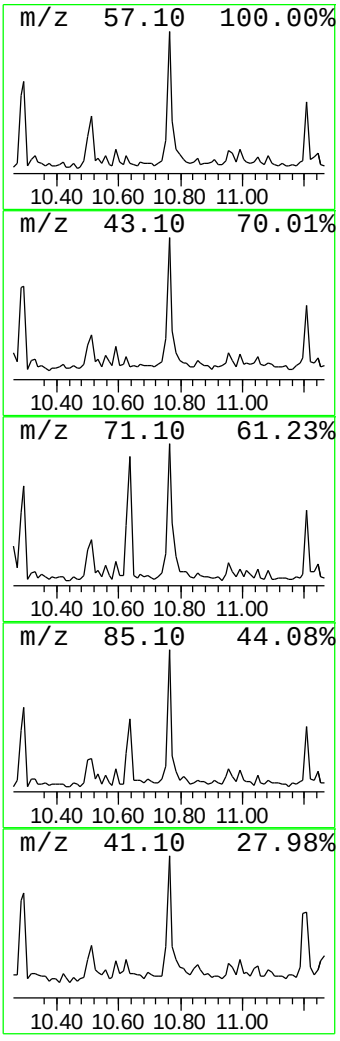
Peak Number 5 Eicosane Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.76	3.41 ng	234553	Phenanthrene-d10	11.32

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Heptadecane	240	C17H36	000629-78-7	90
3	Pentadecane	212	C15H32	000629-62-9	90
4	Heptadecane, 8-methyl-	254	C18H38	013287-23-5	86
5	Hexadecane	226	C16H34	000544-76-3	83





Library Search Compound Report

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Operator : UM/IZ
Sample : G4367-01
Misc :
ALS Vial : 36 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DSN001

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110715.M
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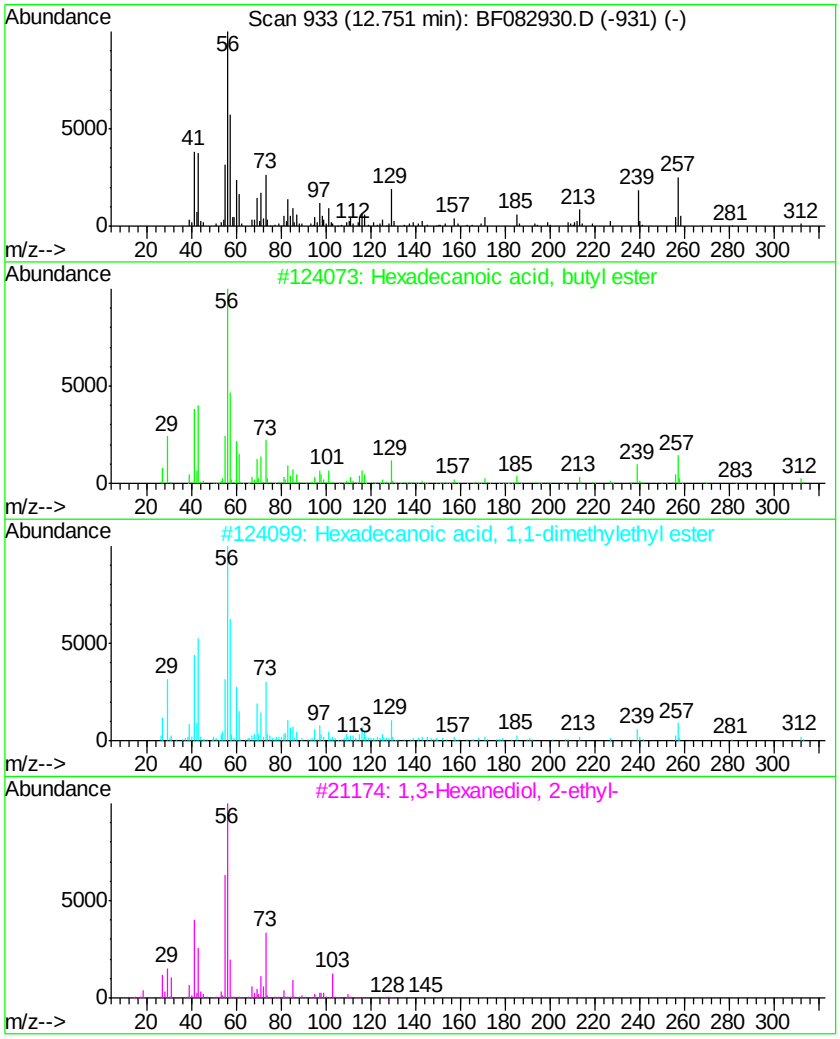
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

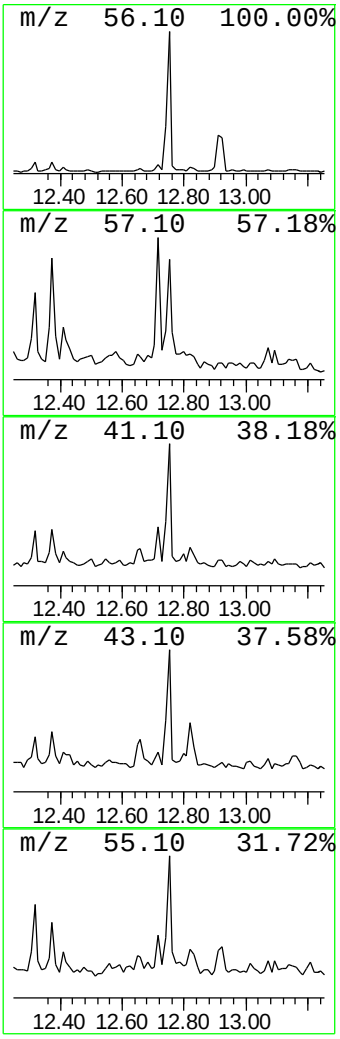
****

Peak Number 6 Hexadecanoic acid, butyl ester Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.75	3.70 ng	202374	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	90
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	74
3	1,3-Hexanediol, 2-ethyl-	146	C8H18O2	000094-96-2	37
4	Cyclobutane, 1,1-dimethyl-2-octyl-	196	C14H28	062338-30-1	35
5	Oxan-4-one, 2-trifluoromethyl-2-...	212	C8H11F3O3	212615-80-0	35





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Instrument : BNA_F
ClientSampleId : DSN001

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

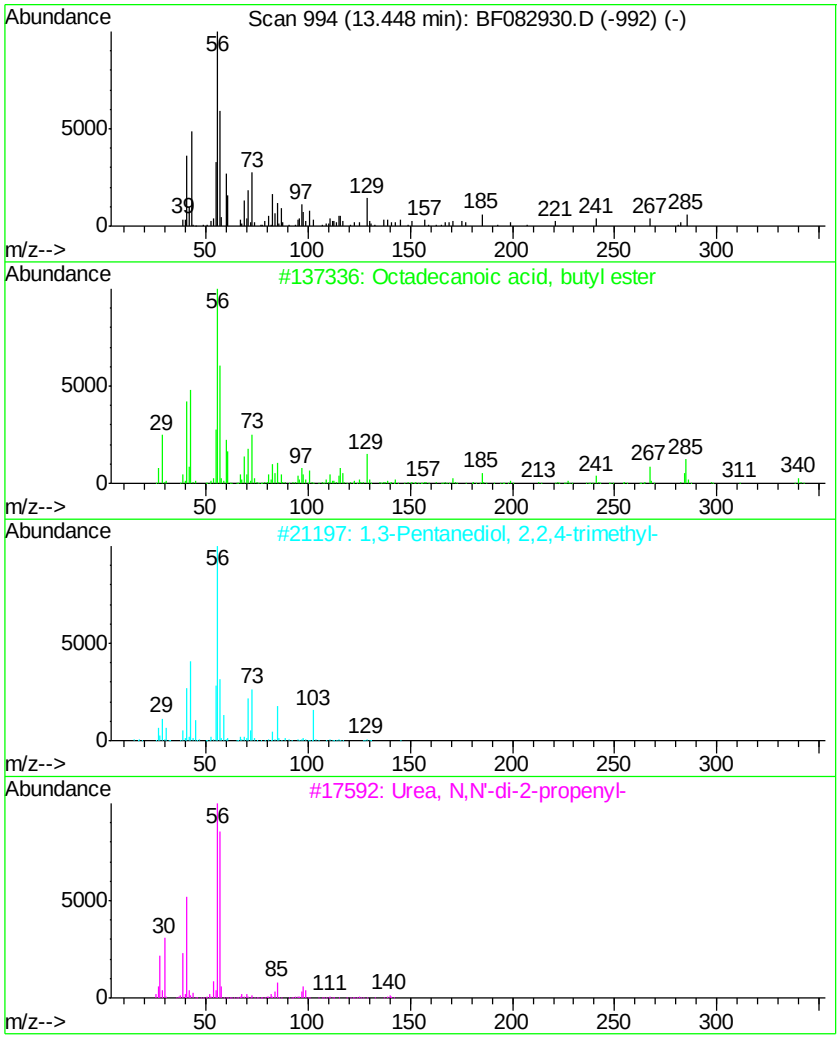
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

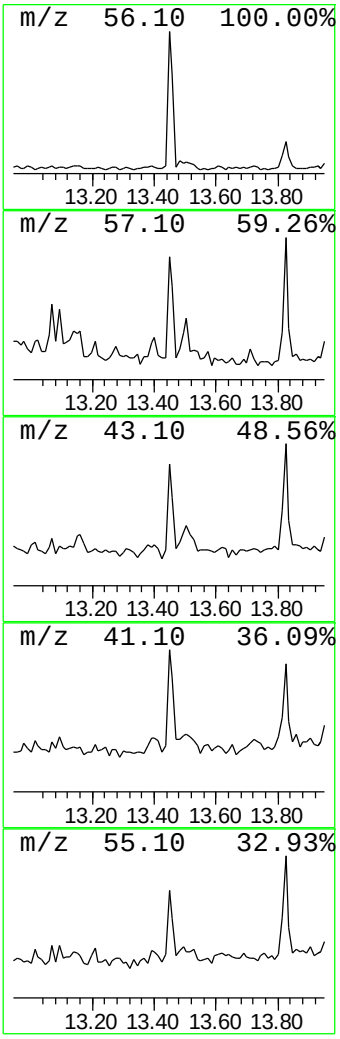
****

Peak Number 7 Octadecanoic acid, butyl ester Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.45	2.38 ng	130397	Chrysene-d12	13.96

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Octadecanoic acid, butyl ester	340	C22H44O2	000123-95-5	86
2	1,3-Pentanediol, 2,2,4-trimethyl-	146	C8H18O2	000144-19-4	47
3	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
4	Cyclobutane, 1-hexyl-2,3-dimethyl-	168	C12H24	055170-84-8	38
5	Piperidin-4-ol, 2,3-dimethyl-, cis-	129	C7H15NO	305383-19-1	38





Tentatively Identified Compound (LSC) summary

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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...	4.97	16.4	ng	895217	1	6.81	1094250	20.0
unknown6.58	6.58	80.8	ng	4420380	1	6.81	1094250	20.0
Hexadecane	10.29	2.2	ng	172208	3	9.85	1576700	20.0
Eicosane	10.76	3.4	ng	234553	4	11.32	1376470	20.0
Hexadecanoic acid...	12.75	3.7	ng	202374	5	13.96	1094310	20.0
Octadecanoic acid...	13.45	2.4	ng	130397	5	13.96	1094310	20.0