LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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	1.712	9	11	40	rVB	439647	847733	50.00%	5.817%
2	2.695	95	97	110	rBV3	5874	27383	1.62%	0.188%
3	4.718	272	274	282	rBV	48553	90098	5.31%	0.618%
4	5.164	311	313	328	rBV	1205898	1488384	87.79%	10.214%
5	6.239	404	407	414	rBV	1079002	1494722	88.16%	10.257%
6	6.353	414	417	419	rBV	1412162	1625718	95.89%	11.156%
7	6.581	435	437	443	rBV	206703	265878	15.68%	1.824%
8	6.730	448	450	453	rBV	1027844	1120304	66.08%	7.688%
9	7.153	484	487	496	rBV	867063	1070229	63.12%	7.344%
10	7.279	496	498	503	rVB	16444	26313	1.55%	0.181%
11	7.862	547	549	555	rBV	402293	406900	24.00%	2.792%
12	8.582	610	612	615	rBB	13577	18410	1.09%	0.126%
13	8.947	641	644	646	rBV	1453468	1695444	100.00%	11.634%
14	9.347	676	679	681	rBV	492077	547739	32.31%	3.759%
15	9.610	699	702	704	rBV	403847	417132	24.60%	2.862%
16	10.056	740	741	743	rVB	20191	18401	1.09%	0.126%
17	10.399	768	771	773	rBV	782813	948922	55.97%	6.512%
18	10.525	781	782	786	rVB	27723	51229	3.02%	0.352%
19	10.970	820	821	823	rBV	23573	25586	1.51%	0.176%
20	11.085	828	831	833	rBV	325002	364392	21.49%	2.501%
21	11.393	856	858	861	rVB	19954	26428	1.56%	0.181%
22	11.633	878	879	882	rBV	19640	21771	1.28%	0.149%
23	11.691	882	884	890	rVB	8694	20931	1.23%	0.144%
24	11.805	892	894	896	rBV	22422	19604	1.16%	0.135%
25	12.502	953	955	958	rBV	63896	73233	4.32%	0.503%
26	12.582	958	962	967	rVB2	17053	25893	1.53%	0.178%
27	12.662	967	969	972	rBV	927307	1012602	59.72%	6.949%
28	13.211	1015	1017	1019	rBV	41762	42723	2.52%	0.293%
29	13.576	1046	1049	1057	rBV	52150	83915	4.95%	0.576%
30	13.702	1057	1060	1066	rVV	245543	254855	15.03%	1.749%
31	14.205	1100	1104	1107	rBV2	9881	23792	1.40%	0.163%
32	14.617	1137	1140	1142	rBV	28800	30533	1.80%	0.210%
33	14.811	1155	1157	1163	rVB4	18592	41975	2.48%	0.288%
34	15.051	1175	1178	1180	rBV	147532	228603	13.48%	1.569%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

35	15.451	1211	1213	1216	rBV	25855	35514	2.09%	0.244%
36	15.862	1246	1249	1255	rVB4	6099	19850	1.17%	0.136%
37	16.742	1321	1326	1330	rBV5	6624	22115	1.30%	0.152%
38	17.577	1394	1399	1403	rBV6	6532	18281	1.08%	0.125%
39	17.897	1424	1427	1432	rBV4	6974	19136	1.13%	0.131%

Sum of corrected areas: 14572671

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
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Operator : UM/SJ
Sample : H4129-12
Misc :
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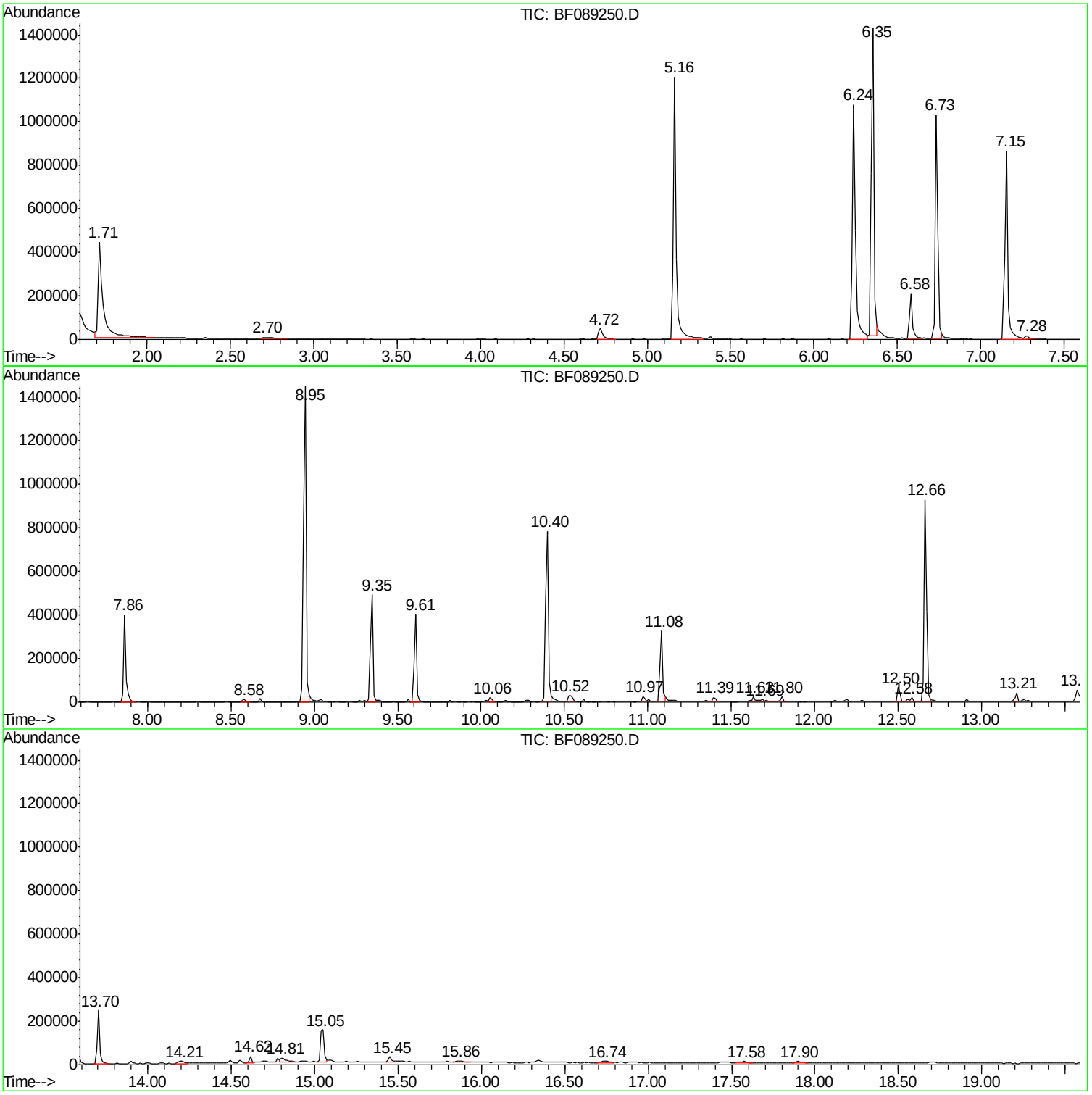
Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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



Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
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Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

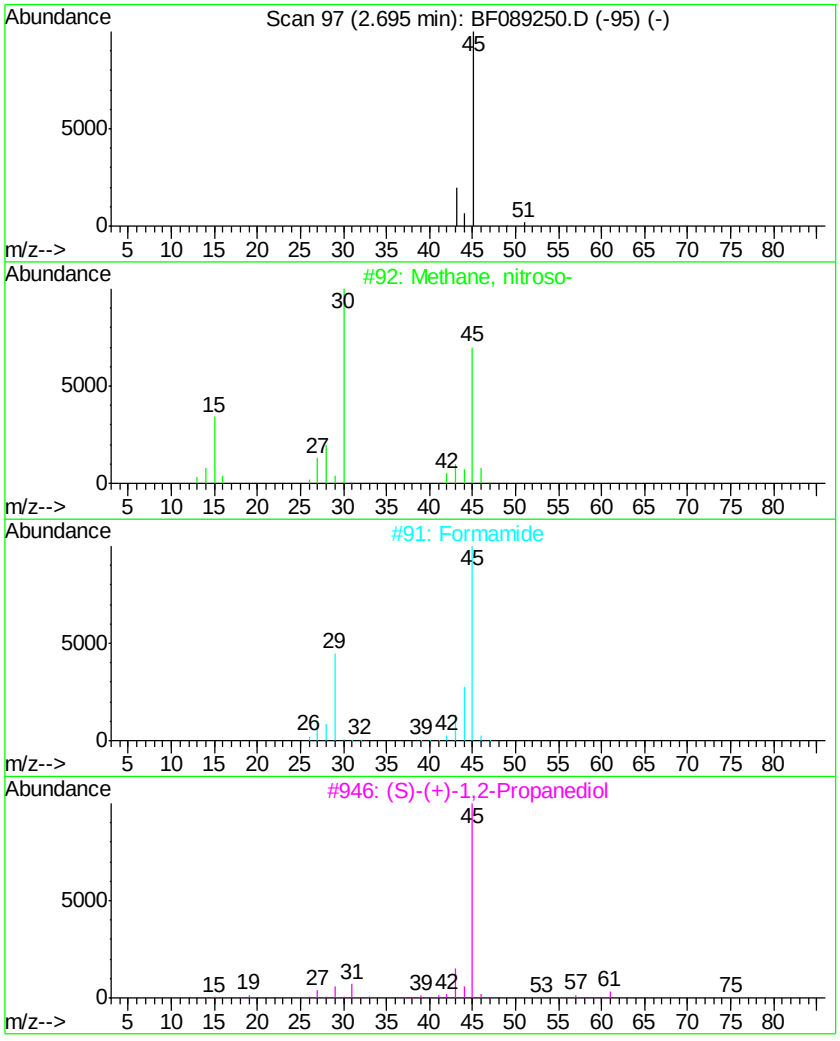
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

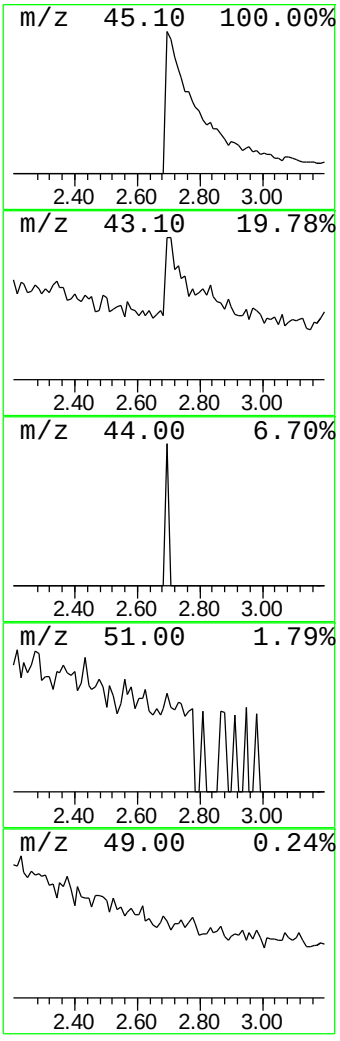
****

Peak Number 2 unknown2.70 Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.70	2.06 ng	27383	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Methane, nitroso-	45	CH3NO	000865-40-7	3
2	Formamide	45	CH3NO	000075-12-7	2
3	(S)-(+)-1,2-Propanediol	76	C3H8O2	004254-15-3	2
4	Ethylamine	45	C2H7N	000075-04-7	1
5	Isopropyl Alcohol	60	C3H8O	000067-63-0	1





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

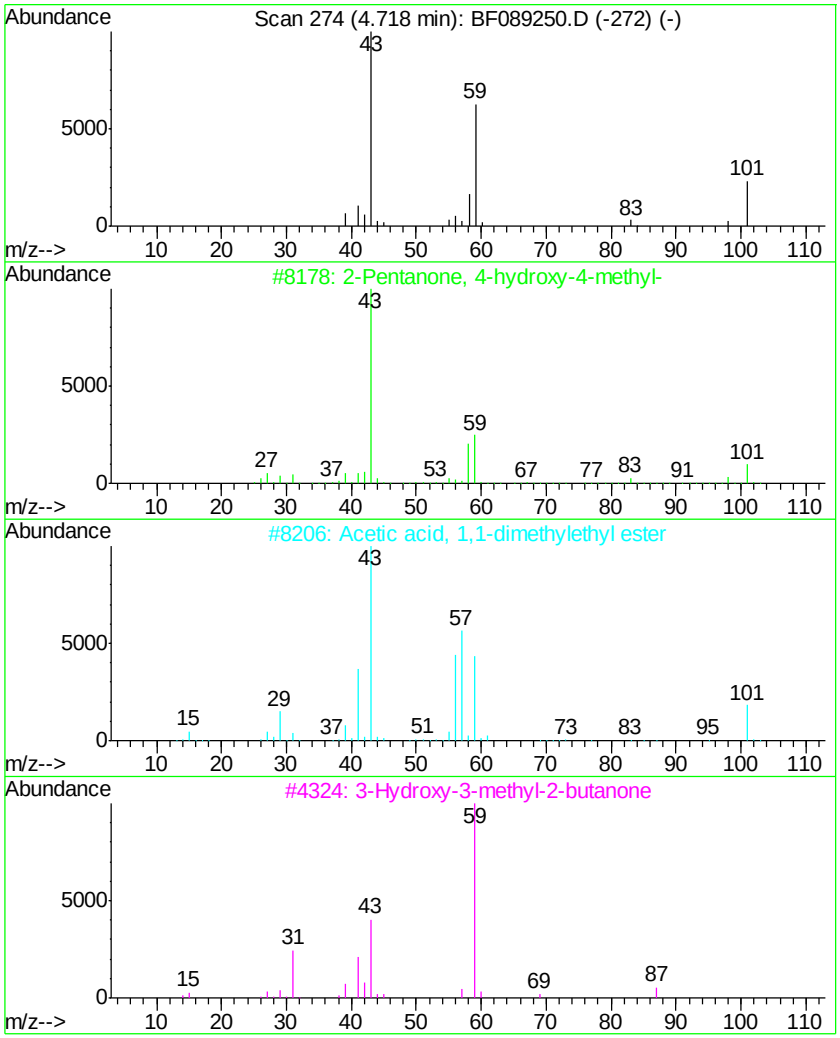
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

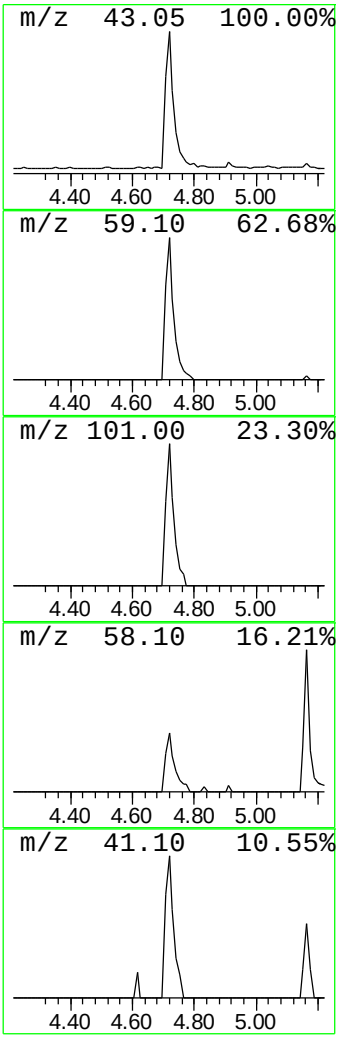
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.72	6.78 ng	90098	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	72
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	Acetone	58	C3H6O	000067-64-1	9
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

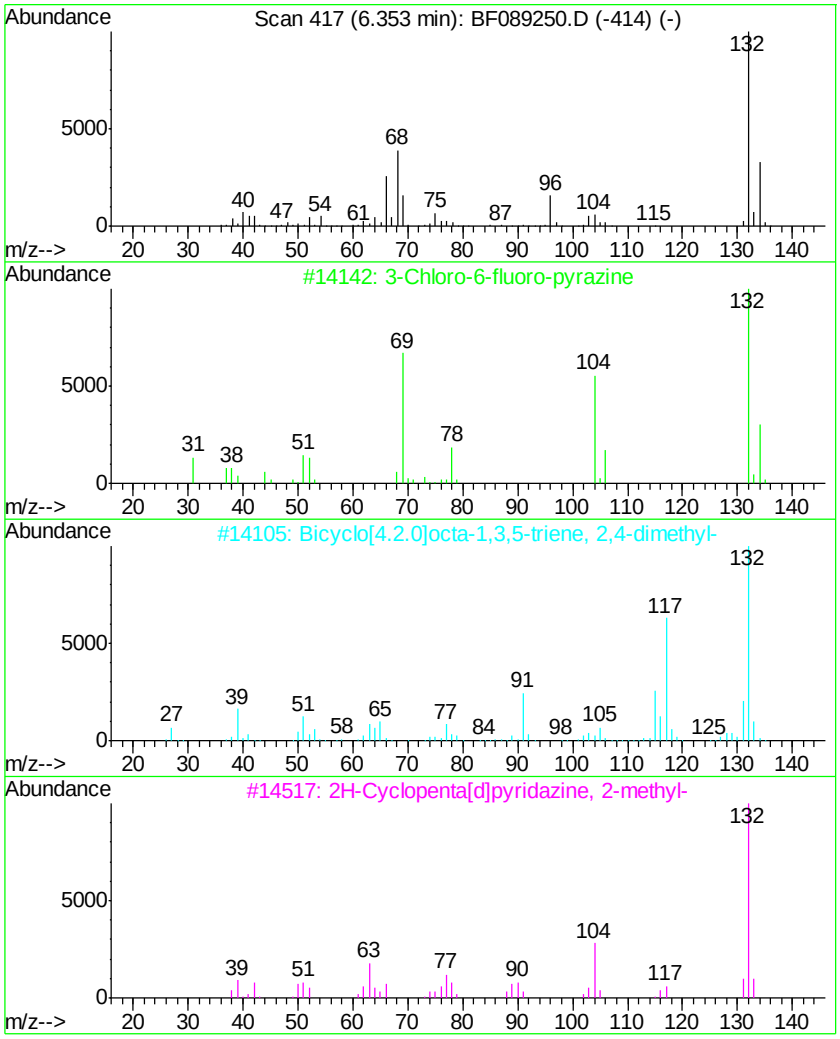
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

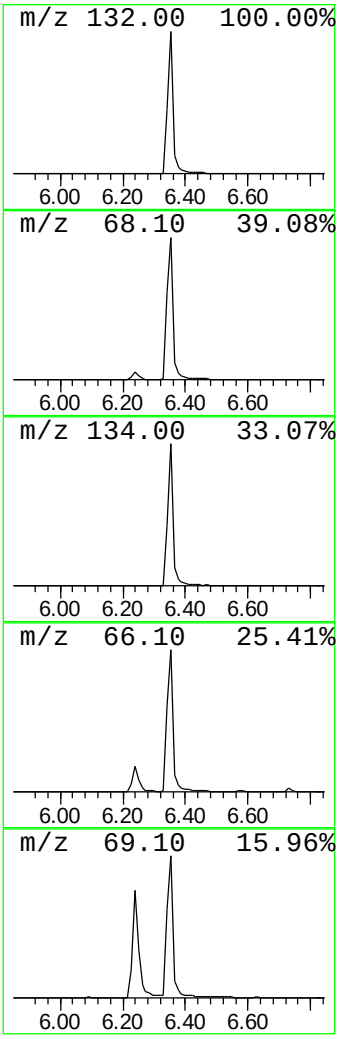
****

Peak Number 4 unknown6.35 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.35	122.29 ng	1625720	1,4-Dichlorobenzene-d4	6.58

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	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





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

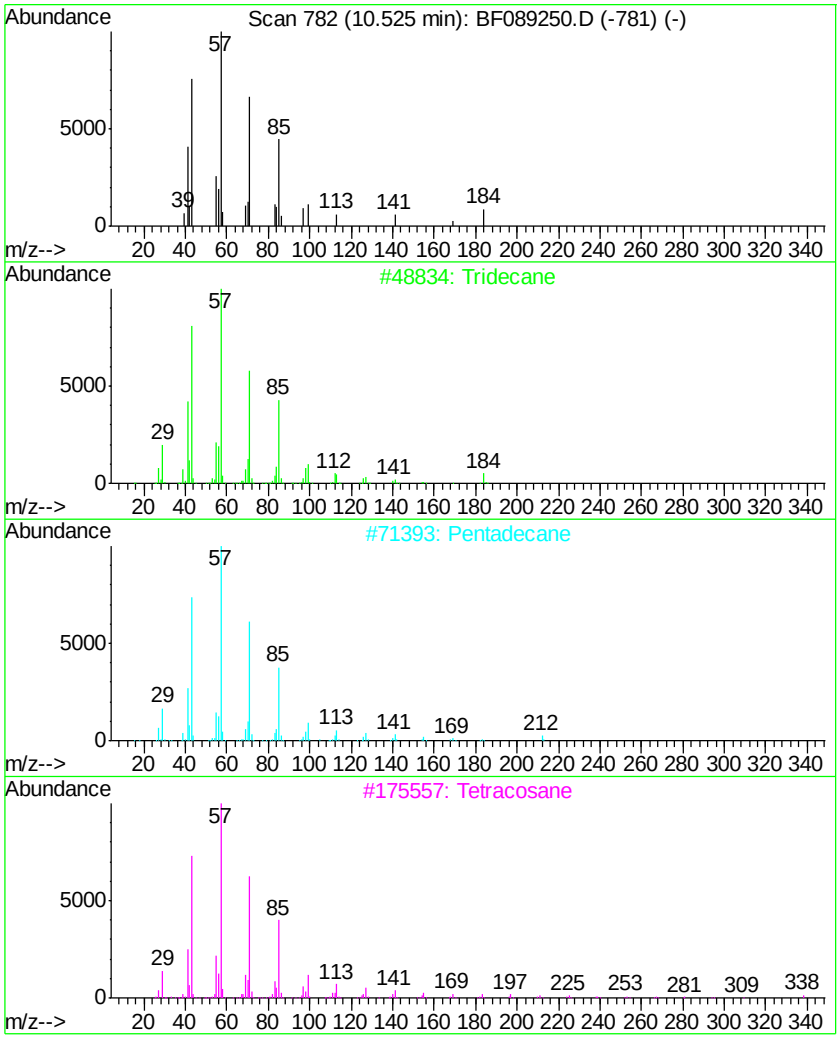
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

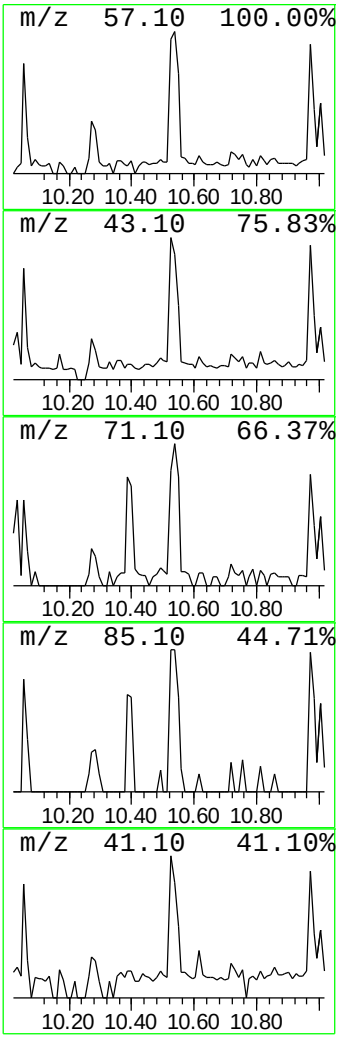
****

Peak Number 6 Tridecane Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.52	2.81 ng	51229	Phenanthrene-d10	11.08

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane	184	C13H28	000629-50-5	93
2	Pentadecane	212	C15H32	000629-62-9	86
3	Tetracosane	338	C24H50	000646-31-1	86
4	Hexadecane	226	C16H34	000544-76-3	80
5	Octacosane	394	C28H58	000630-02-4	80





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Data File : BF089250.D
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Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

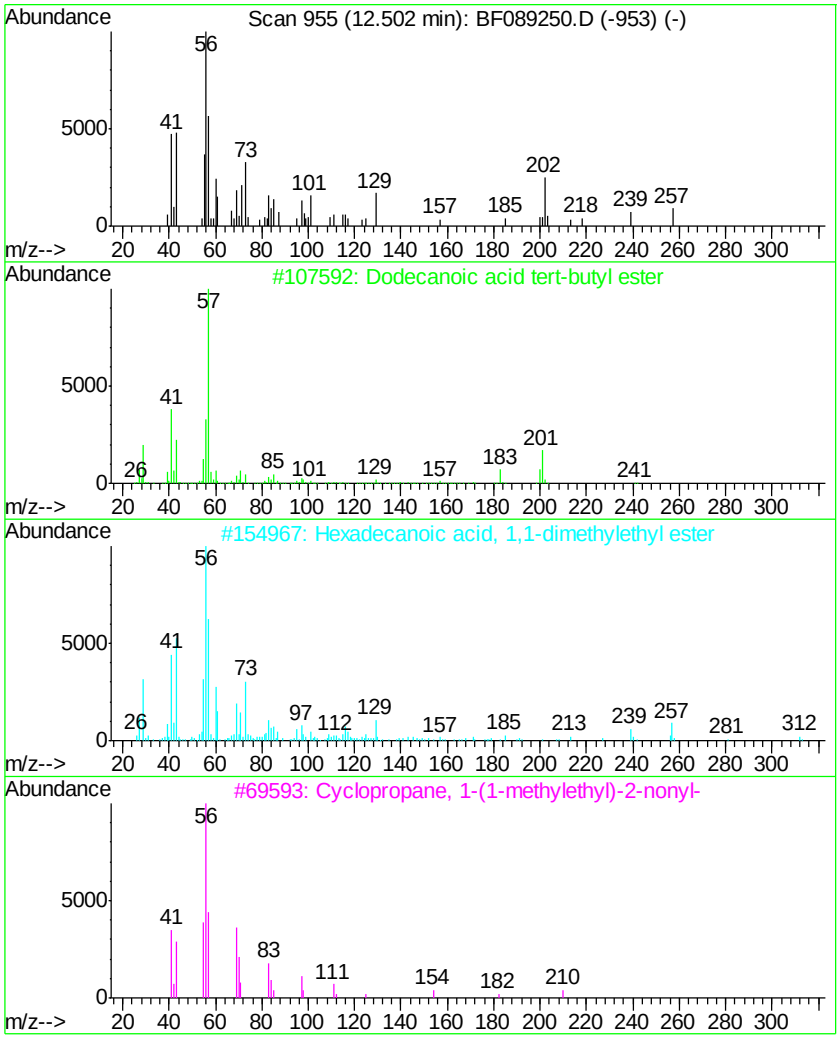
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

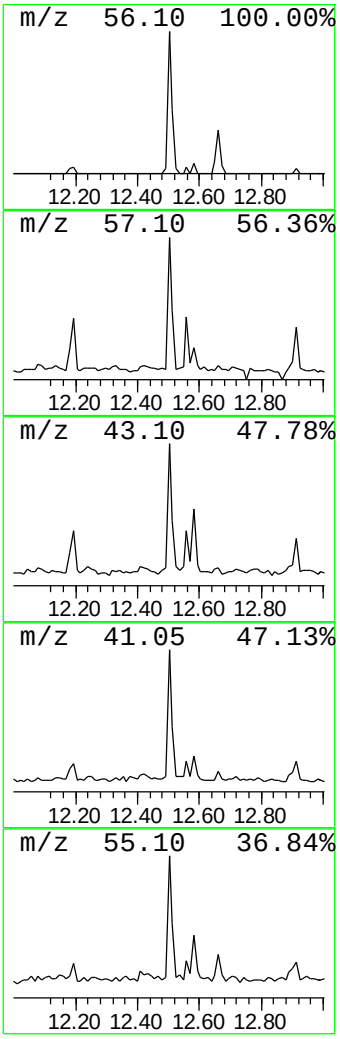
****

Peak Number 7 unknown12.50 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.50	5.75 ng	73233	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dodecanoic acid tert-butyl ester	256	C16H32O2	007143-18-2	45
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	43
3	Cyclopropane, 1-(1-methylethyl)-...	210	C15H30	041977-39-3	38
4	Pentadecane, 8-methylene-	224	C16H32	055668-09-2	38
5	Dodecanoic acid, 1-methylpropyl ...	256	C16H32O2	006937-42-4	38





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Misc :
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Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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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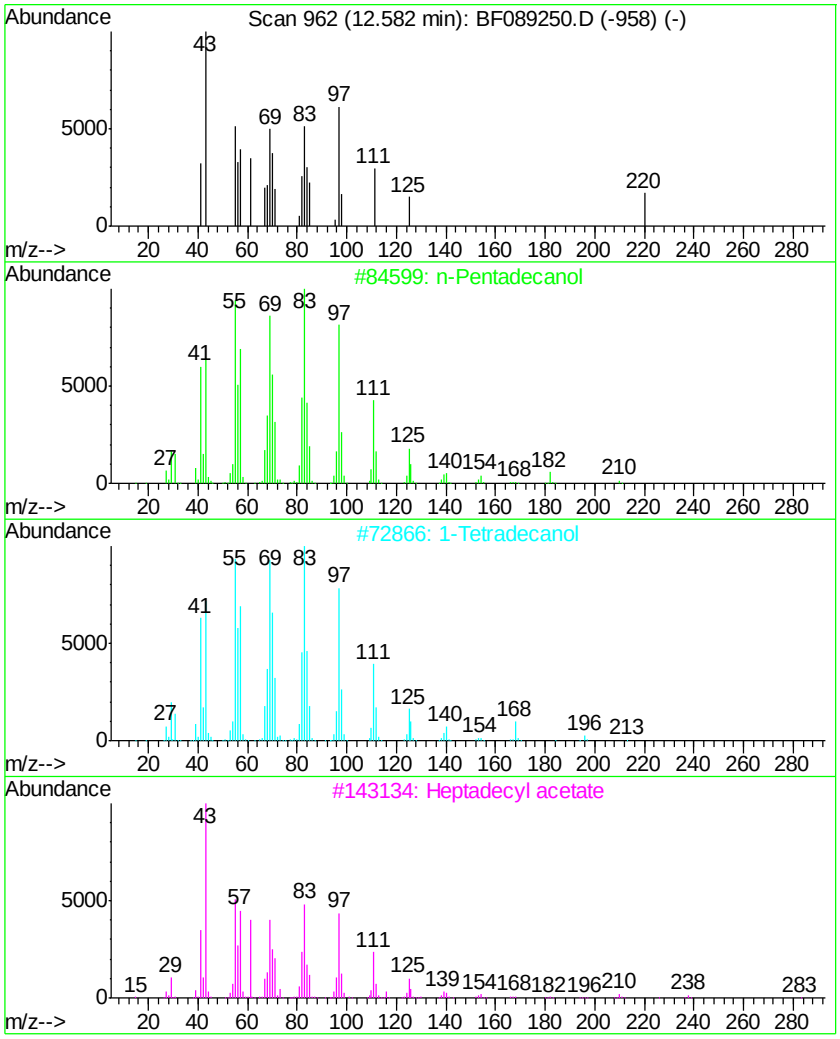
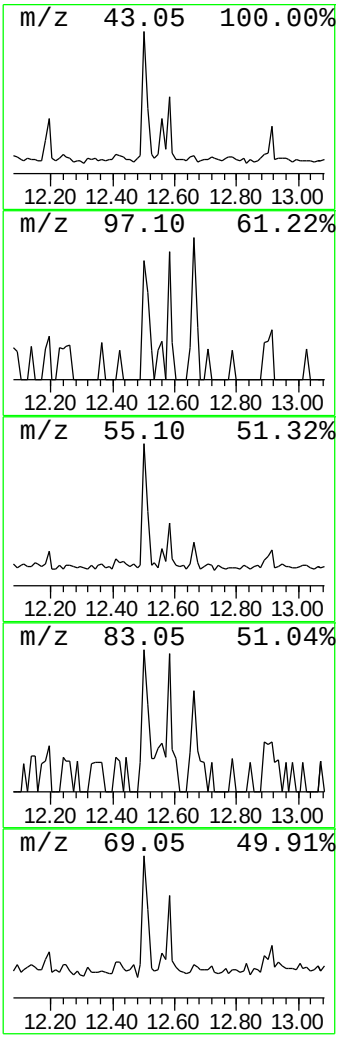
Peak Number 8 n-Pentadecanol Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.58	2.03 ng	25893	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Pentadecanol	228	C15H32O	000629-76-5	81
2	1-Tetradecanol	214	C14H30O	000112-72-1	74
3	Heptadecyl acetate	298	C19H38O2	000822-20-8	72
4	Lauryl acetate	228	C14H28O2	000112-66-3	64
5	n-Nonadecanol-1	284	C19H40O	001454-84-8	64





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Misc :
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Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

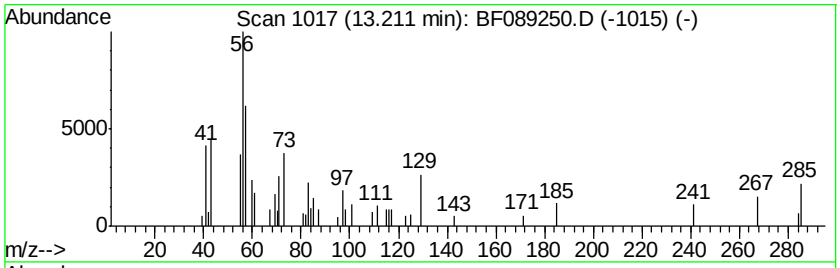
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

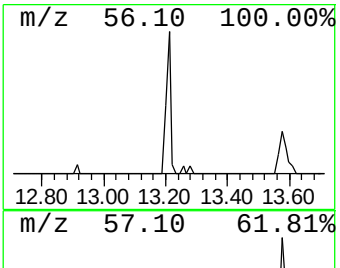
****

Peak Number 9 unknown13.21 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.21	3.35 ng	42723	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Nipecotic acid	129	C6H11NO2	000498-95-3	43
2	1-Pentene, 2,4-dimethyl-	98	C7H14	002213-32-3	27
3	1-Pentadecene, 2-methyl-	224	C16H32	029833-69-0	16
4	4-t-Butylcyclohexylamine	155	C10H21N	005400-88-4	16
5	Cyclohexane, (1,1-dimethylethyl)-	140	C10H20	003178-22-1	16





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Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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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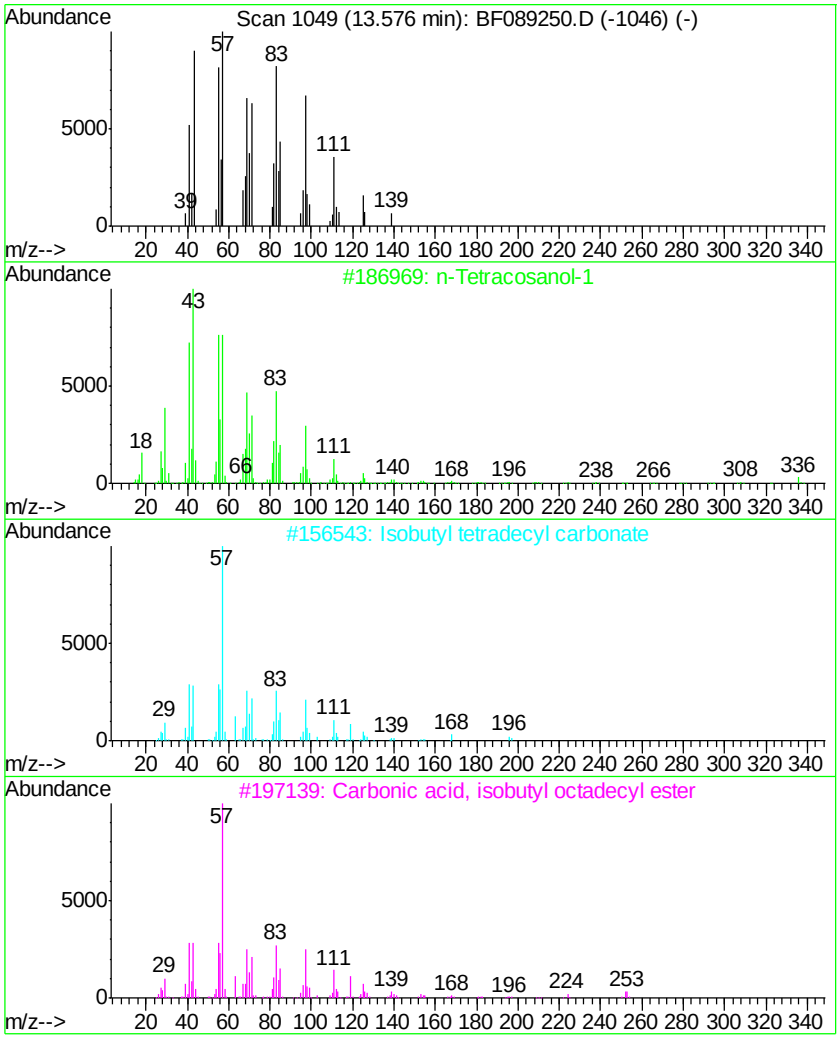
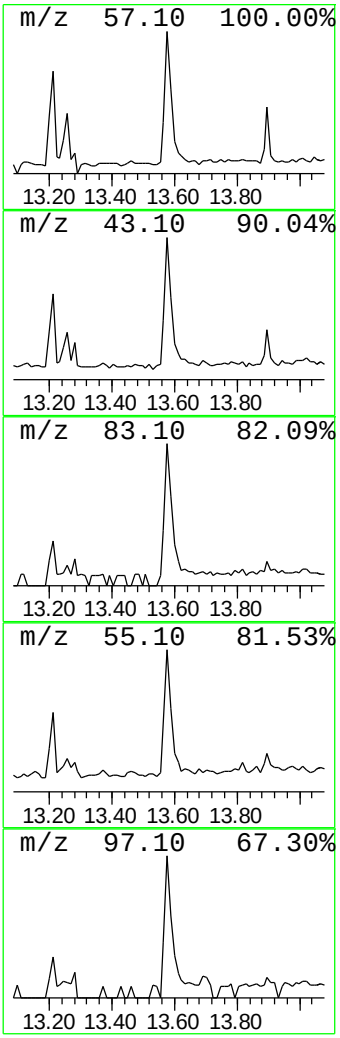
Peak Number 10 n-Tetracosanol-1 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.58	6.59 ng	83915	Chrysene-d12	13.70

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Tetracosanol-1	354	C24H50O	000506-51-4	91
2	Isobutyl tetradecyl carbonate	314	C19H38O3	959275-58-2	91
3	Carbonic acid, isobutyl octadecy...	370	C23H46O3	1000314-61-5	91
4	1-Docosene	308	C22H44	001599-67-3	90
5	1-Hexacosanol	382	C26H54O	000506-52-5	90





Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

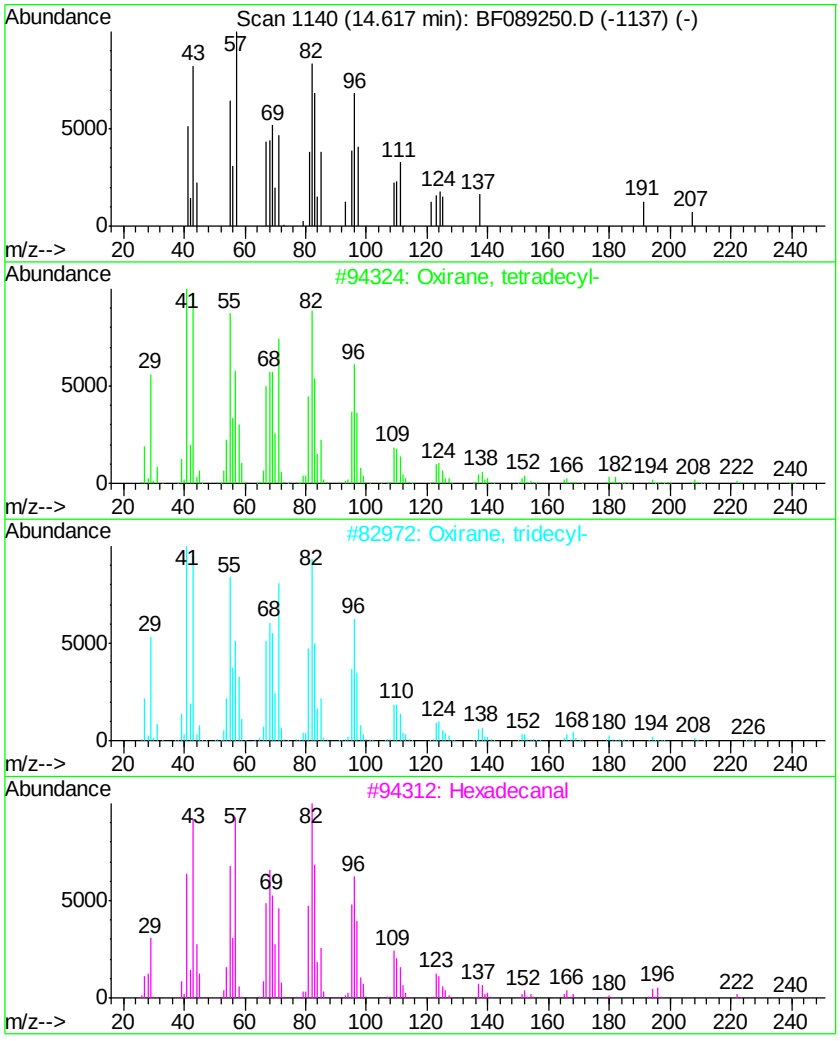
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

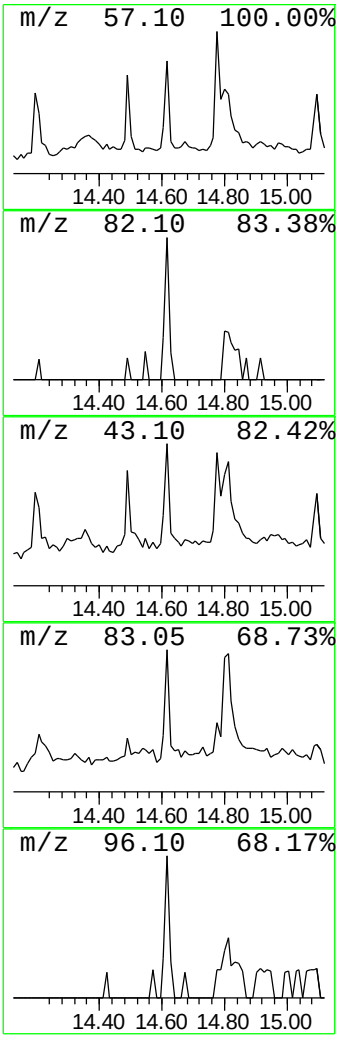
****

Peak Number 11 Oxirane, tetradecyl- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.62	2.67 ng	30533	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Oxirane, tetradecyl-	240	C16H32O	007320-37-8	87
2	Oxirane, tridecyl-	226	C15H30O	018633-25-5	80
3	Hexadecanal	240	C16H32O	000629-80-1	72
4	1,19-Eicosadiene	278	C20H38	014811-95-1	68
5	18-Nonadecen-1-ol	282	C19H38O	1000142-89-2	64





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Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

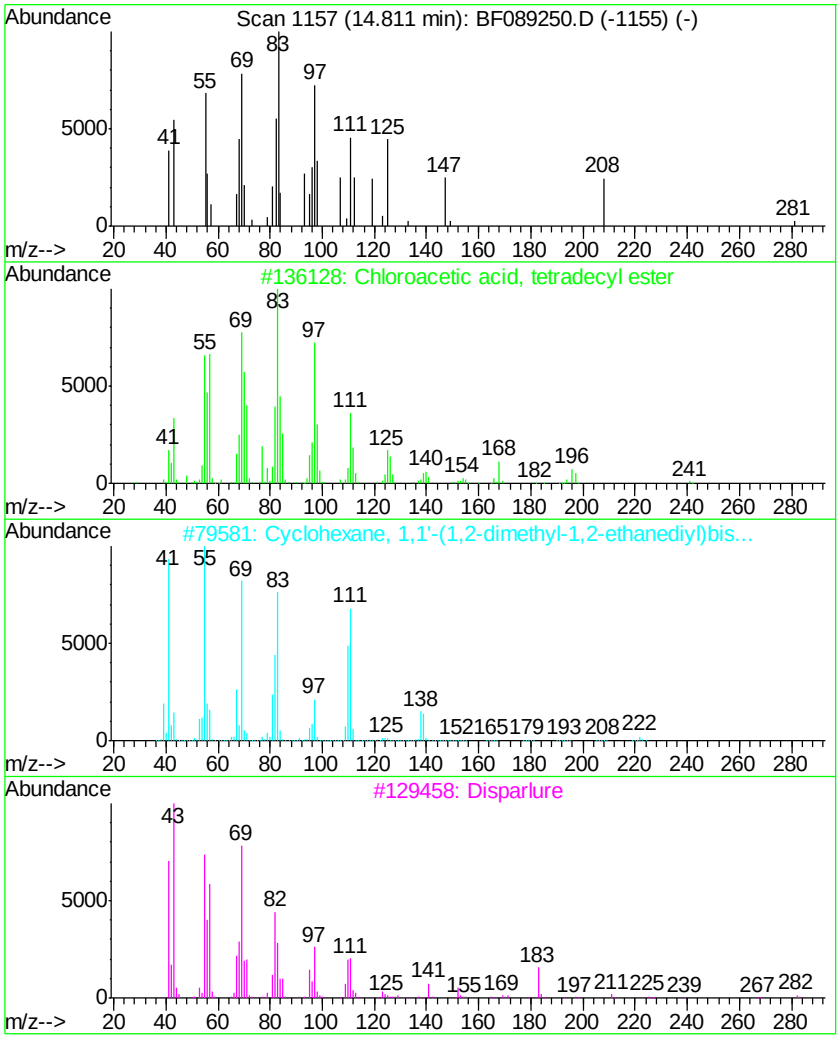
TIC Library : C:\Database\NIST11.L
TIC Integration Parameters: LSCINT.P

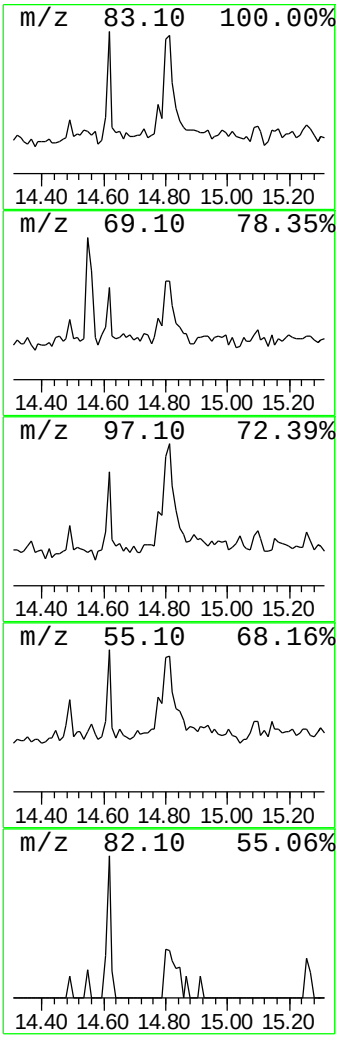
****

Peak Number 12 Chloroacetic acid, tetradec... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.81	3.67 ng	41975	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Chloroacetic acid, tetradecyl ester	290	C16H31ClO2	018277-86-6	58
2	Cyclohexane, 1,1'-(1,2-dimethyl-...	222	C16H30	054889-87-1	35
3	Disparlure	282	C19H38O	029804-22-6	22
4	Oxazole, 4-ethyl-2,5-dimethyl-	125	C7H11NO	030408-61-8	22
5	1-Butyl-1H-1,2,4-triazole	125	C6H11N3	006086-22-2	22





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Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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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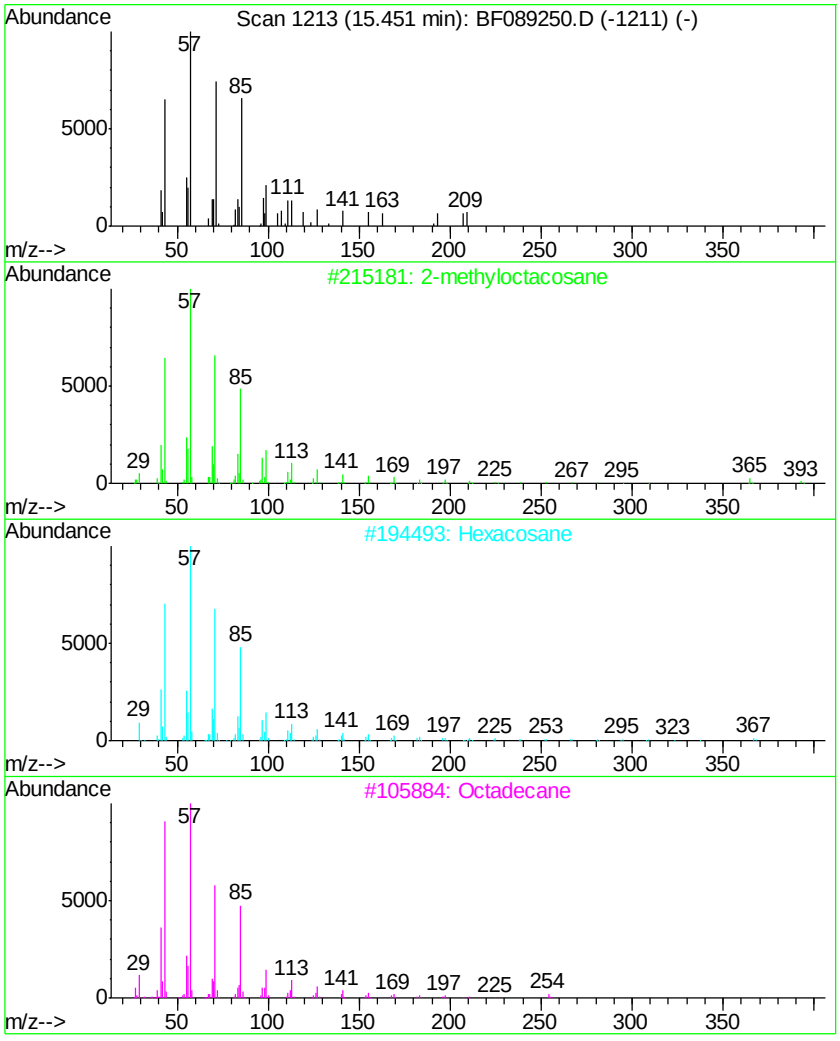
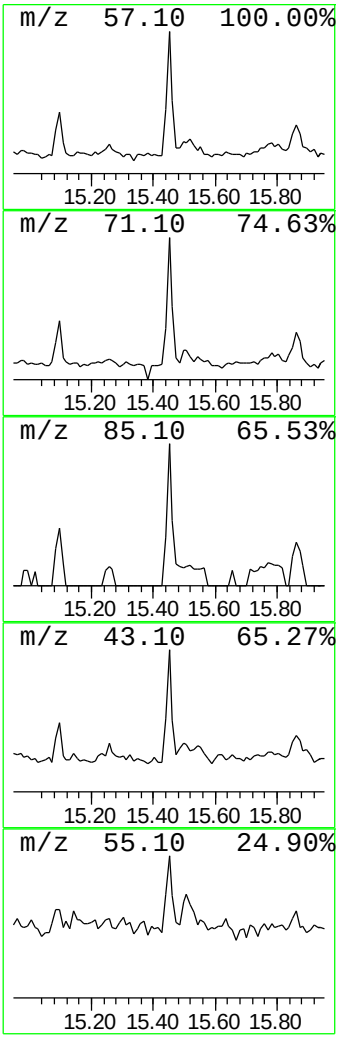
Peak Number 13 2-methyloctacosane Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.45	3.11 ng	35514	Perylene-d12	15.05

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-methyloctacosane	408	C29H60	1000376-72-8	91
2	Hexacosane	366	C26H54	000630-01-3	90
3	Octadecane	254	C18H38	000593-45-3	86
4	Heneicosane	296	C21H44	000629-94-7	86
5	Tridecane, 3-methyl-	198	C14H30	006418-41-3	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
Data File : BF089250.D
Acq On : 23 Jul 2016 23:59
Operator : UM/SJ
Sample : H4129-12
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : KSB-14-5.0-7.0

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
unknown2.70	2.70	2.1	ng	27383	1	6.58	265878	20.0
2-Pentanone, 4-hy...	4.72	6.8	ng	90098	1	6.58	265878	20.0
unknown6.35	6.35	122.3	ng	1625720	1	6.58	265878	20.0
Tridecane	10.52	2.8	ng	51229	4	11.08	364392	20.0
unknown12.50	12.50	5.8	ng	73233	5	13.70	254855	20.0
n-Pentadecanol	12.58	2.0	ng	25893	5	13.70	254855	20.0
unknown13.21	13.21	3.4	ng	42723	5	13.70	254855	20.0
n-Tetracosanol-1	13.58	6.6	ng	83915	5	13.70	254855	20.0
Oxirane, tetradecyl-	14.62	2.7	ng	30533	6	15.05	228603	20.0
Chloroacetic acid...	14.81	3.7	ng	41975	6	15.05	228603	20.0
2-methyloctacosane	15.45	3.1	ng	35514	6	15.05	228603	20.0