LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078878.D
Acq On : 1 May 2015 5:53
Operator : TP/IZ
Sample : G2002-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-04

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-BF043015.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	1.541	28	31	34	rVB	7249125	9139098	100.00%	25.272%
2	1.678	39	43	47	rVB	215598	466810	5.11%	1.291%
3	1.781	50	52	57	rBV	328035	553610	6.06%	1.531%
4	1.861	57	59	62	rVB	181012	264488	2.89%	0.731%
5	1.907	62	63	110	rVB	2740706	5382079	58.89%	14.883%
6	5.176	348	349	354	rVB	238858	349805	3.83%	0.967%
7	5.667	390	392	395	rBV	1432916	1702320	18.63%	4.707%
8	6.925	499	502	504	rBV	1615059	1850487	20.25%	5.117%
9	7.085	513	516	518	rBV	1808100	1891686	20.70%	5.231%
10	7.370	539	541	544	rBV	562323	527149	5.77%	1.458%
11	7.553	555	557	560	rBV	1035539	1416565	15.50%	3.917%
12	8.056	599	601	604	rBV	979877	1072264	11.73%	2.965%
13	8.856	668	671	673	rBV	86095	116443	1.27%	0.322%
14	8.948	677	679	681	rVV	843187	717779	7.85%	1.985%
15	10.296	794	797	799	rBV	2362812	2223508	24.33%	6.148%
16	11.131	867	870	872	rVB	642757	775991	8.49%	2.146%
17	12.102	953	955	958	rVB	1281372	1340266	14.67%	3.706%
18	12.971	1029	1031	1034	rBV	852753	814780	8.92%	2.253%
19	14.788	1185	1190	1191	rBV2	105114	127330	1.39%	0.352%
20	14.823	1191	1193	1196	rVV	268686	397826	4.35%	1.100%
21	14.971	1203	1206	1208	rBV	2340412	2350562	25.72%	6.500%
22	16.126	1305	1307	1311	rBV	204044	303648	3.32%	0.840%
23	16.263	1316	1319	1321	rBV	848084	943815	10.33%	2.610%
24	16.434	1329	1334	1342	rVB3	138317	484218	5.30%	1.339%
25	17.989	1467	1470	1473	rVB	728539	951009	10.41%	2.630%

Sum of corrected areas: 36163536

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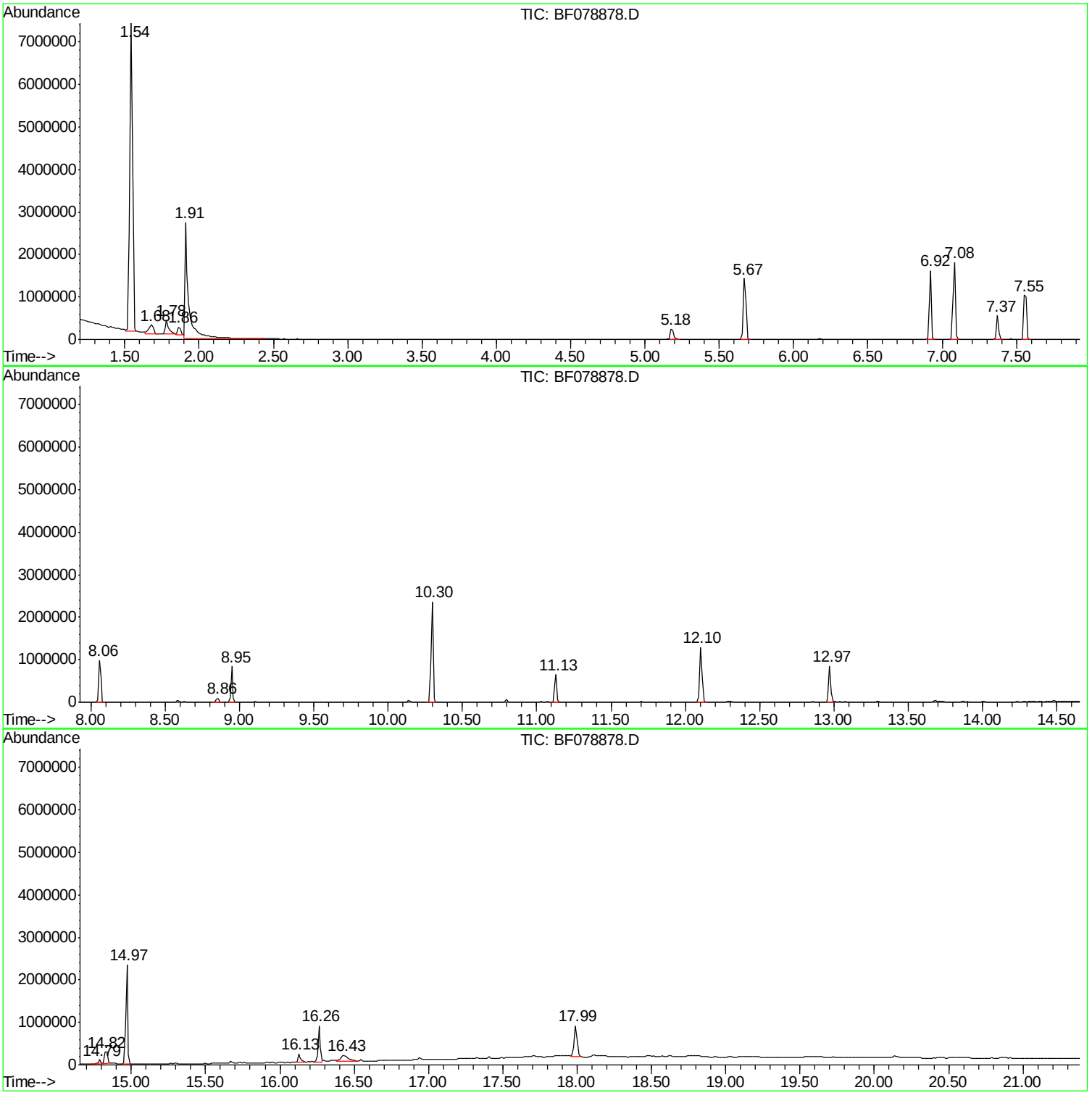
Instrument : BNA_F
ClientSampleId : TEC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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

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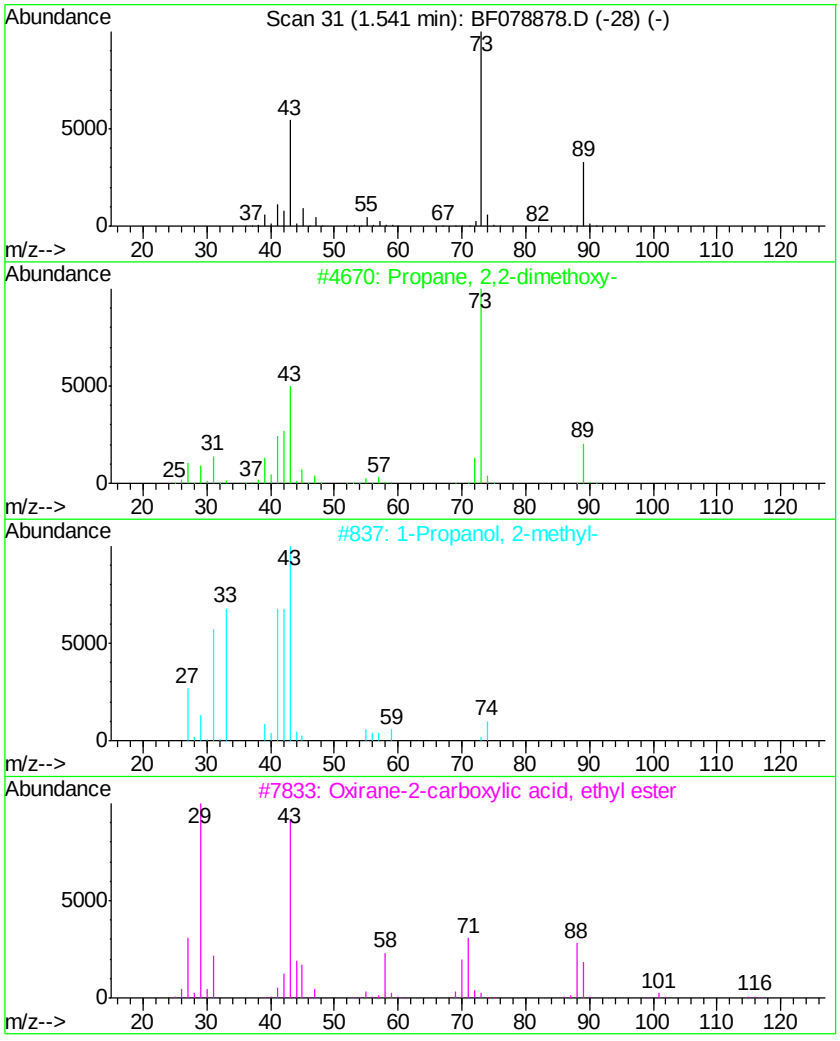
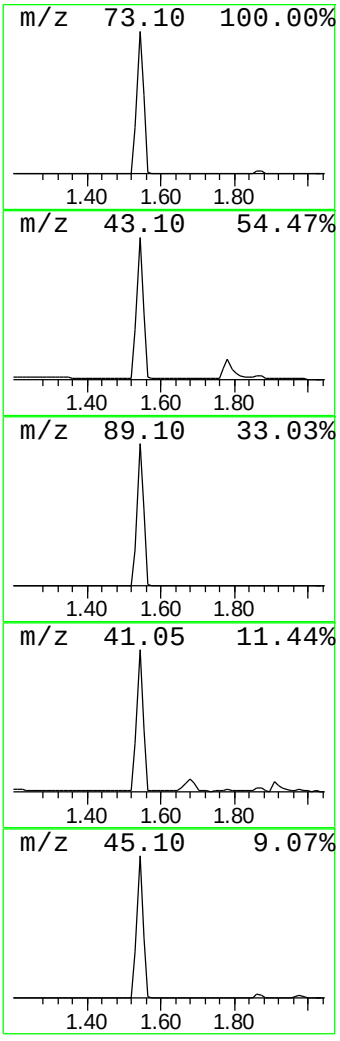
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.54	346.74 ng	9139100	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	Oxirane-2-carboxylic acid, ethyl...	116	C5H8O3	1000192-50-3	9
4	2-Butanone, 3-methoxy-3-methyl-	116	C6H12O2	036687-98-6	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





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Operator : TP/IZ
Sample : G2002-04
Misc :
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Instrument : BNA_F
ClientSampleId : TEC-04

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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

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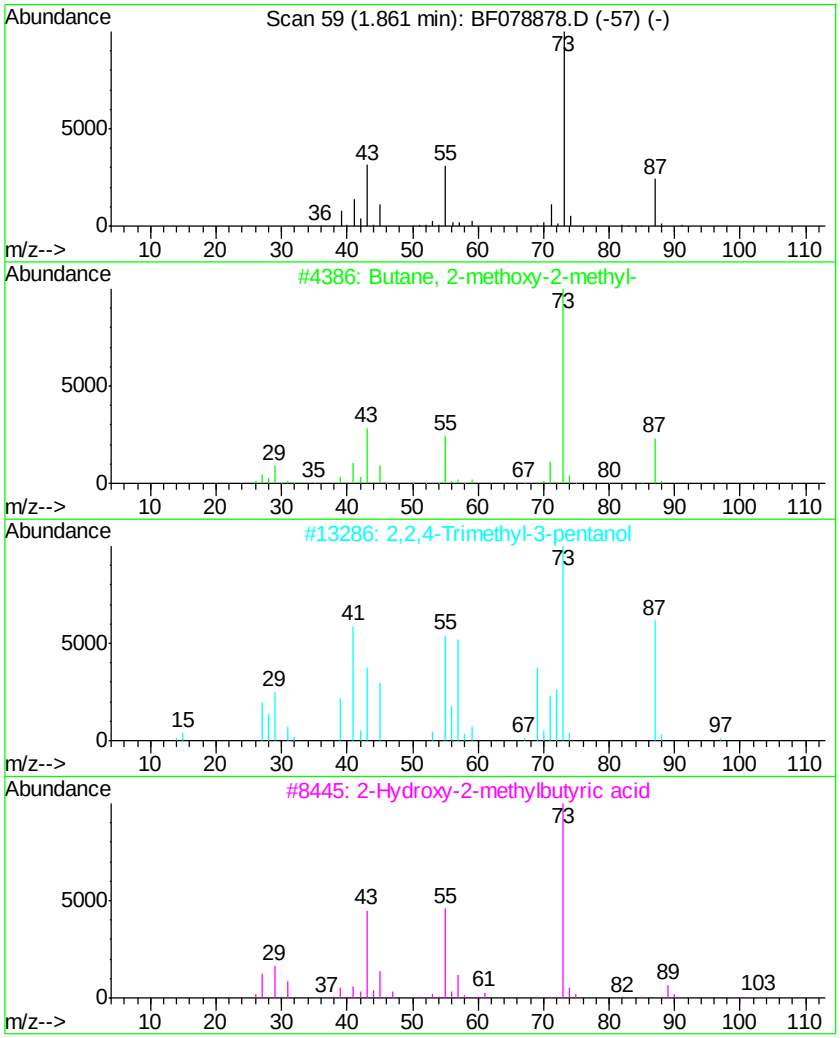
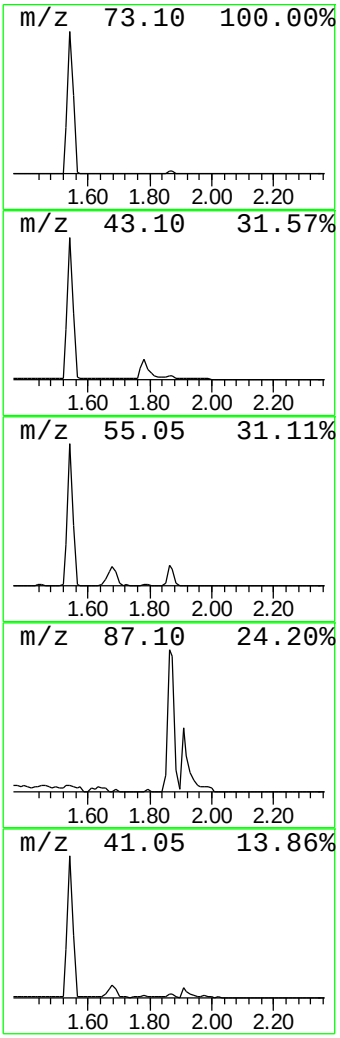
Peak Number 4 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.86	10.03 ng	264488	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	25
4	3-Pentanol, 2,4-dimethyl-	116	C7H16O	000600-36-2	25
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17





Data Path : Z:\HPCHEM1\BNA F\DATA\BF043015\
Data File : BF078878.D
Acq On : 1 May 2015 5:53
Operator : TP/IZ
Sample : G2002-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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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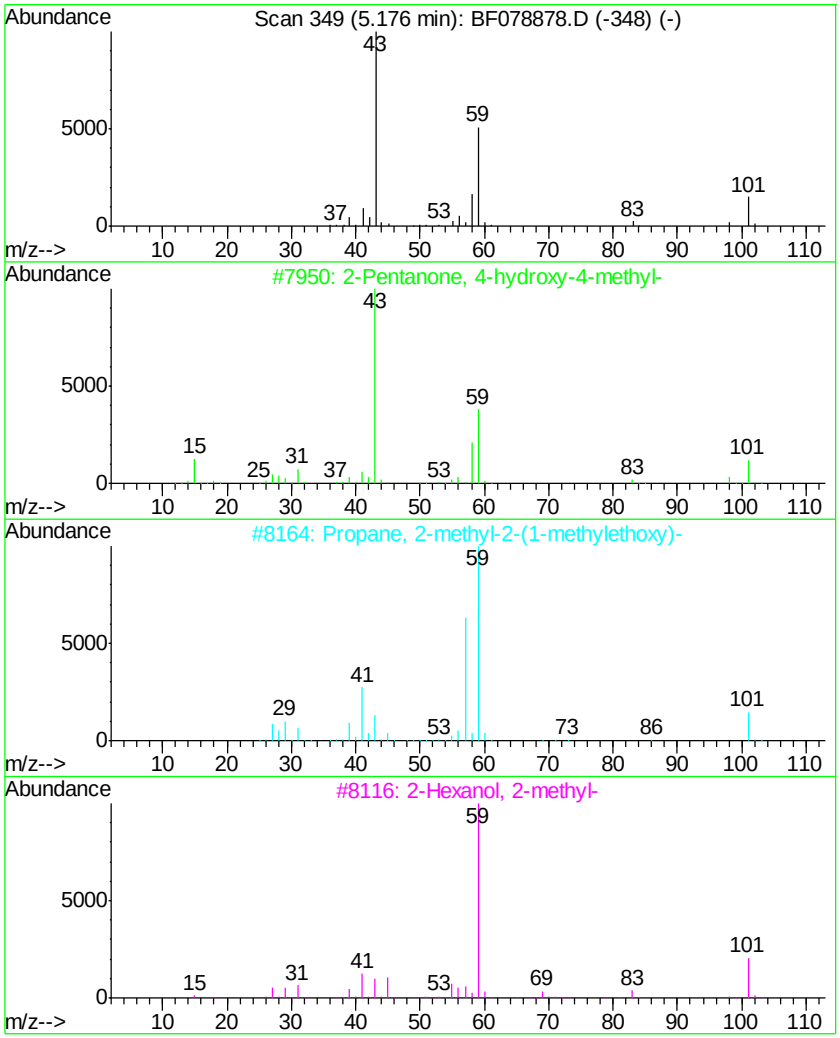
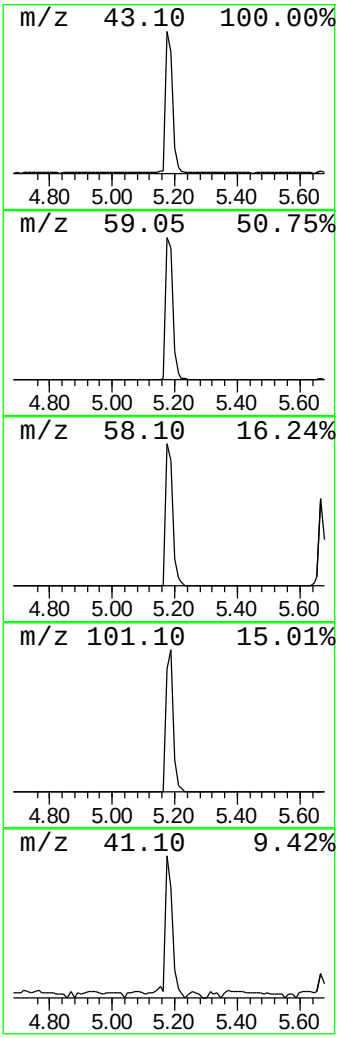
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	13.27 ng	349805	1,4-Dichlorobenzene-d4	7.37

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	42
3	2-Hexanol, 2-methyl-	116	C7H16O	000625-23-0	33
4	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	33
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25





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Sample : G2002-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
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TIC Library : C:\DATABASE\NIST02.L
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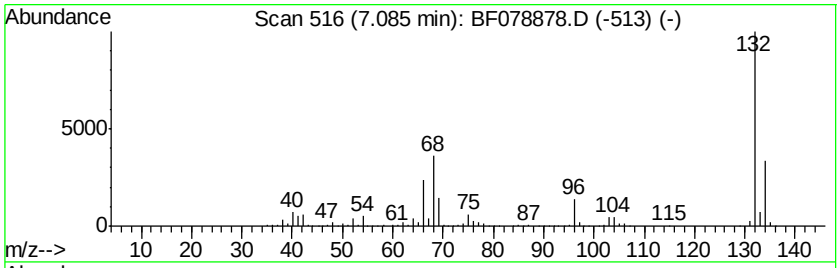
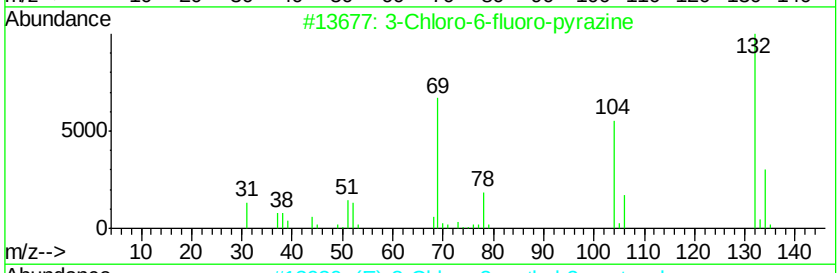
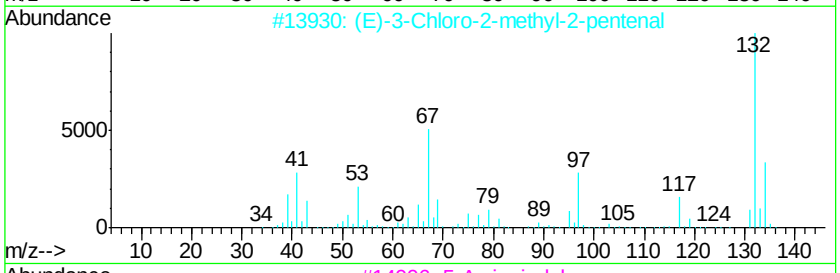
Peak Number 7 unknown7.08 Concentration Rank 3

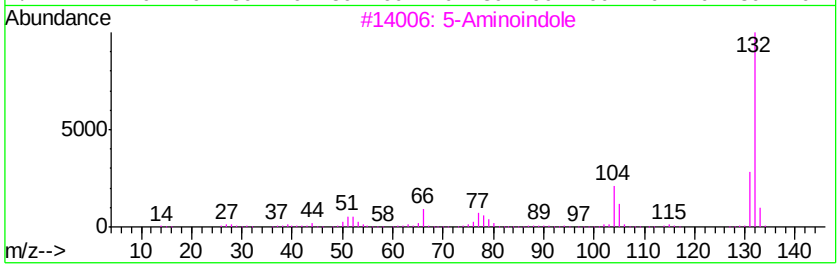
R.T.	EstConc	Area	Relative to ISTD	R.T.
7.08	71.77 ng	1891690	1,4-Dichlorobenzene-d4	7.37

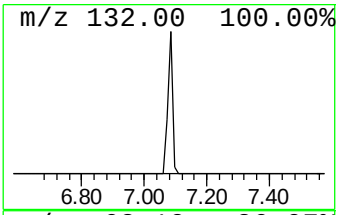
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	35
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
5	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9

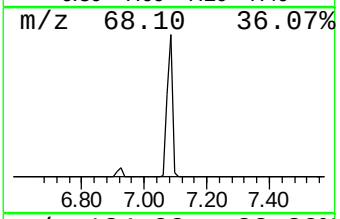


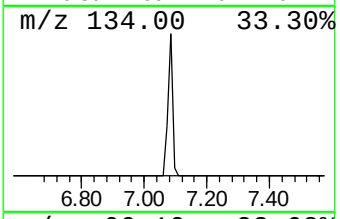


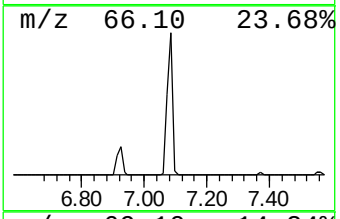


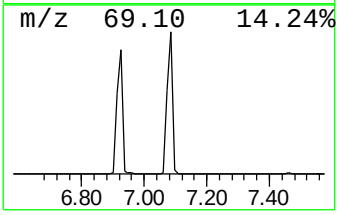












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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

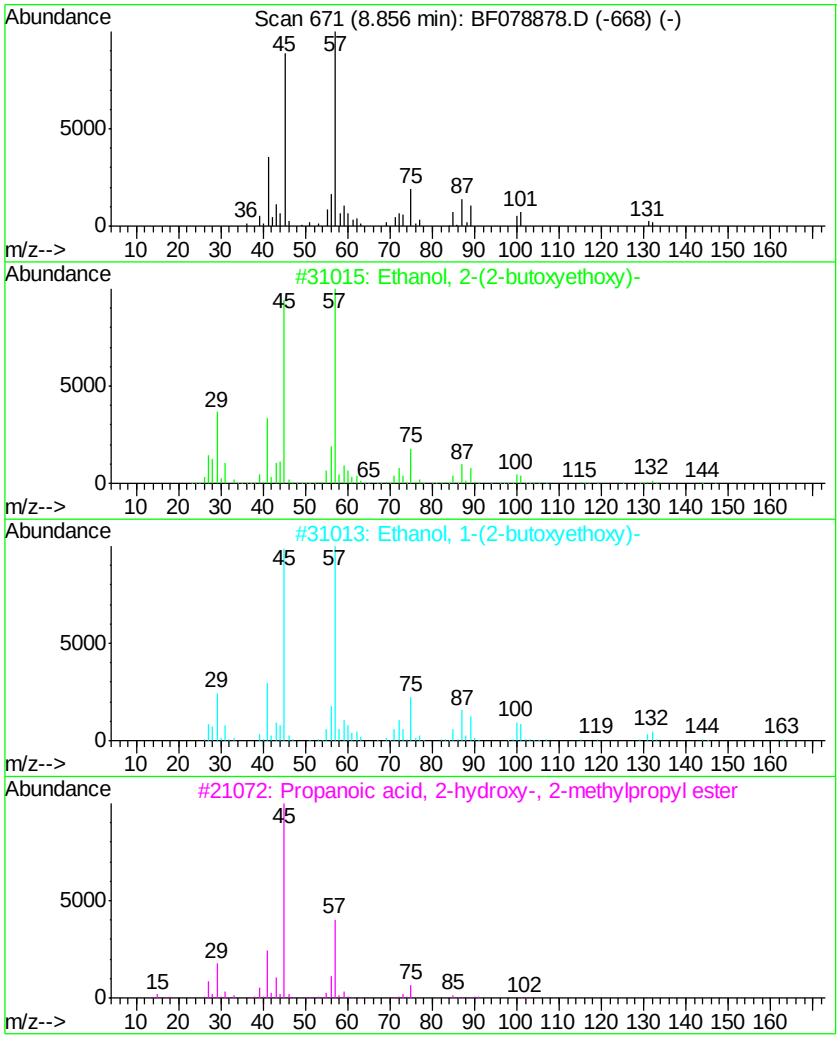
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

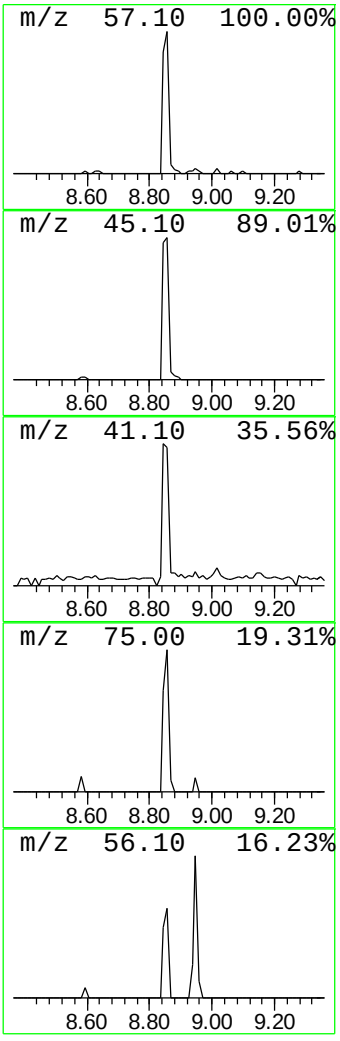
****

Peak Number 9 Ethanol, 2-(2-butoxyethoxy)- Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.86	3.24 ng	116443	Naphthalene-d8	8.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethanol, 2-(2-butoxyethoxy)-	162	C8H18O3	000112-34-5	90
2	Ethanol, 1-(2-butoxyethoxy)-	162	C8H18O3	054446-78-5	83
3	Propanoic acid, 2-hydroxy-, 2-me...	146	C7H14O3	000585-24-0	59
4	Butane, 1-(1-methylpropoxy)-	130	C8H18O	000999-65-5	50
5	3,3-Dimethylbutane-2-ol	102	C6H14O	000464-07-3	50





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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

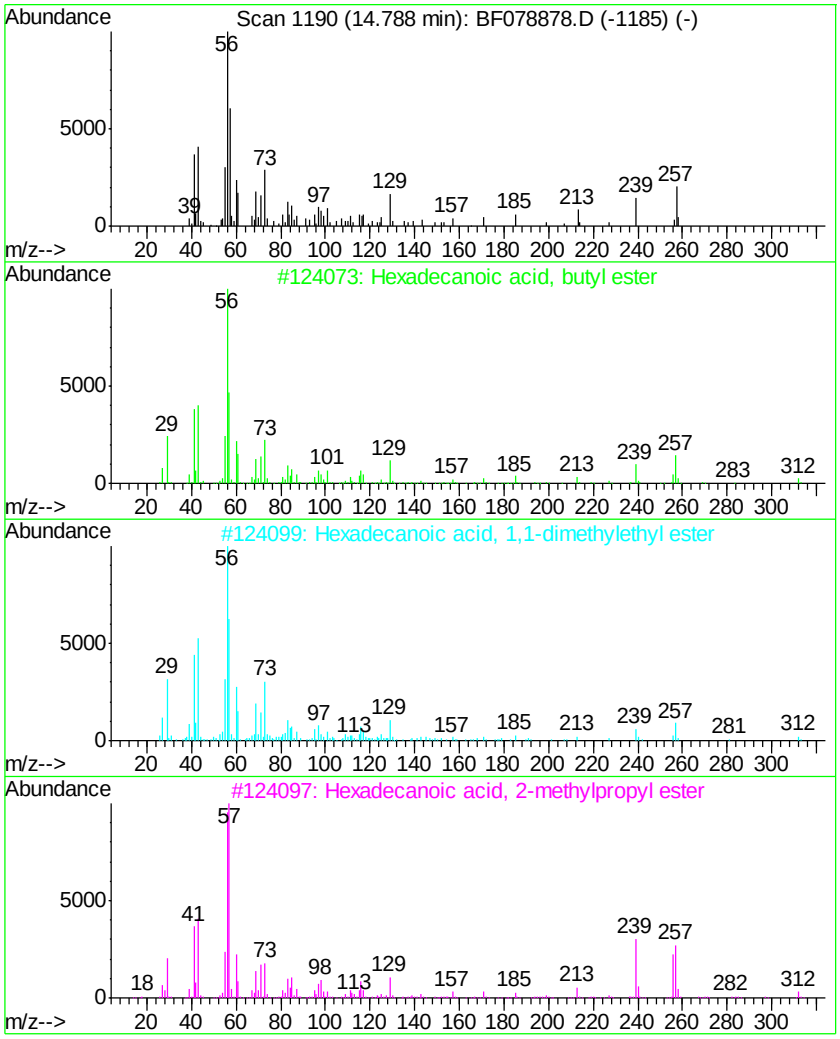
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

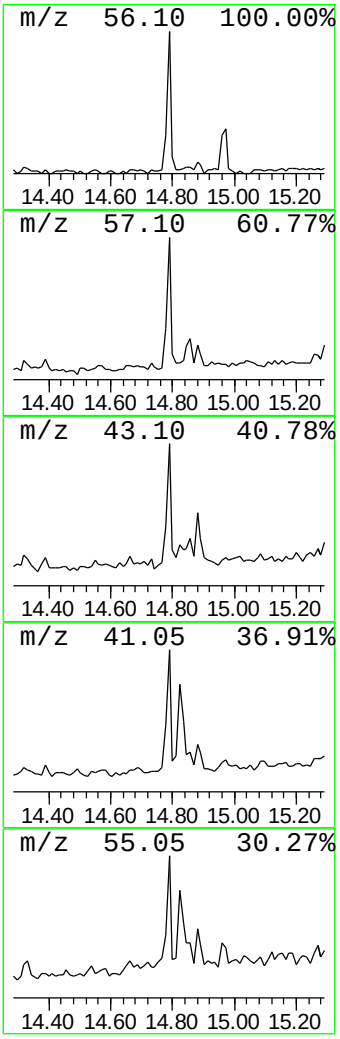
****

Peak Number 10 Hexadecanoic acid, butyl ester Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.79	2.70 ng	127330	Chrysene-d12	16.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecanoic acid, butyl ester	312	C20H40O2	000111-06-8	91
2	Hexadecanoic acid, 1,1-dimethyle...	312	C20H40O2	031158-91-5	80
3	Hexadecanoic acid, 2-methylpropy...	312	C20H40O2	000110-34-9	72
4	Urea, N,N'-di-2-propenyl-	140	C7H12N2O	001801-72-5	38
5	4,7,7-Trimethyl-3,9-dioxatricycl...	182	C10H14O3	1000187-22-5	35





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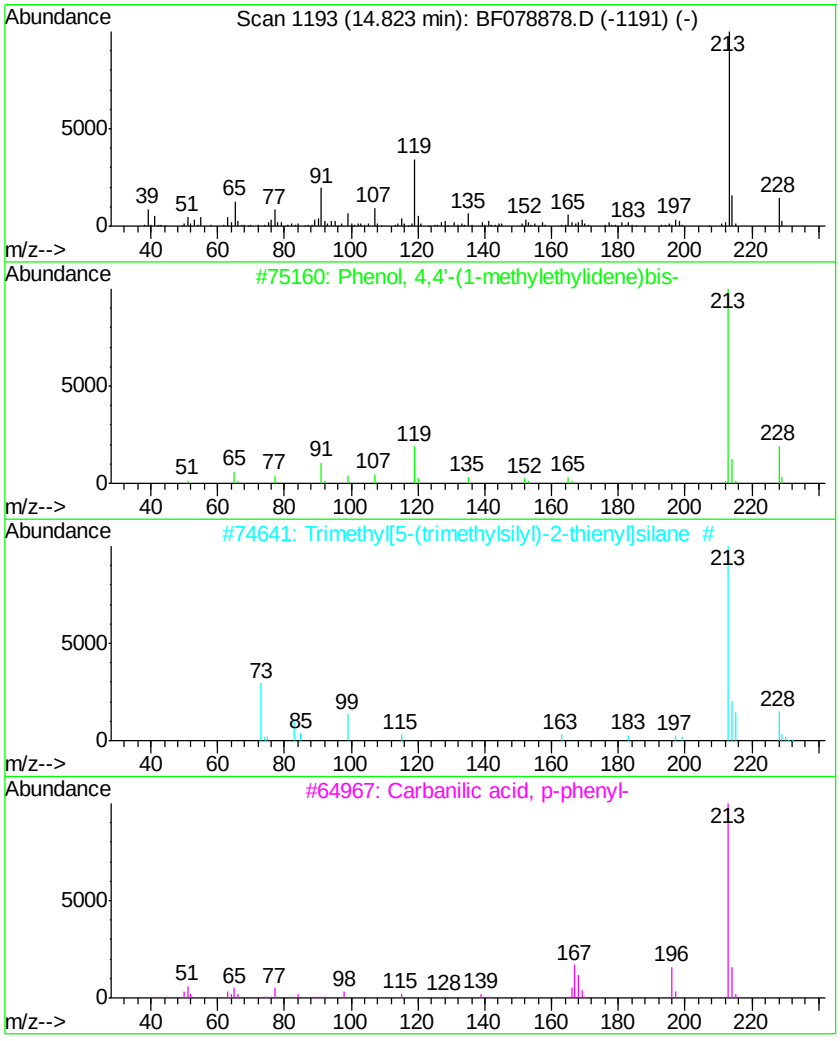
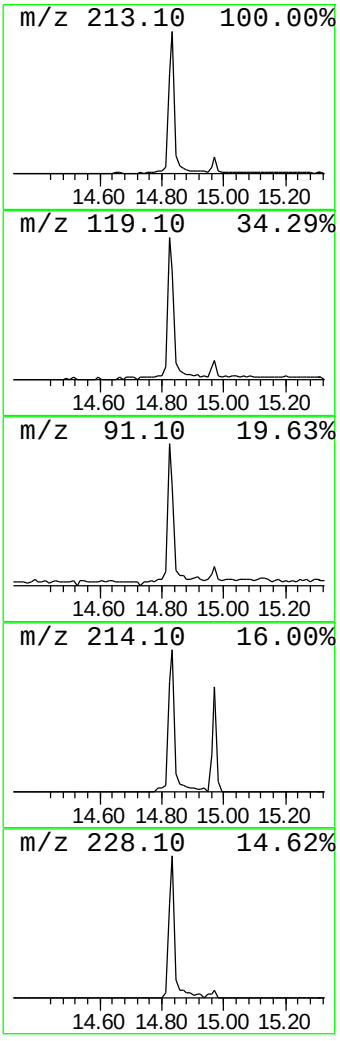
Peak Number 11 Phenol, 4,4'-(1-methylethyl... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.82	8.43 ng	397826	Chrysene-d12	16.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 4,4'-(1-methylethylidene...	228	C15H16O2	000080-05-7	96
2	Trimethyl[5-(trimethylsilyl)-2-t...	228	C10H20SSi2	017906-71-7	58
3	Carbanilic acid, p-phenyl-	213	C13H11NO2	004474-53-7	58
4	2H,8H-Benzo[1,2-b:3,4-b']dipyran...	228	C14H12O3	000523-59-1	52
5	2H,8H-Benzo[1,2-b:5,4-b']dipyran...	228	C14H12O3	000553-19-5	50





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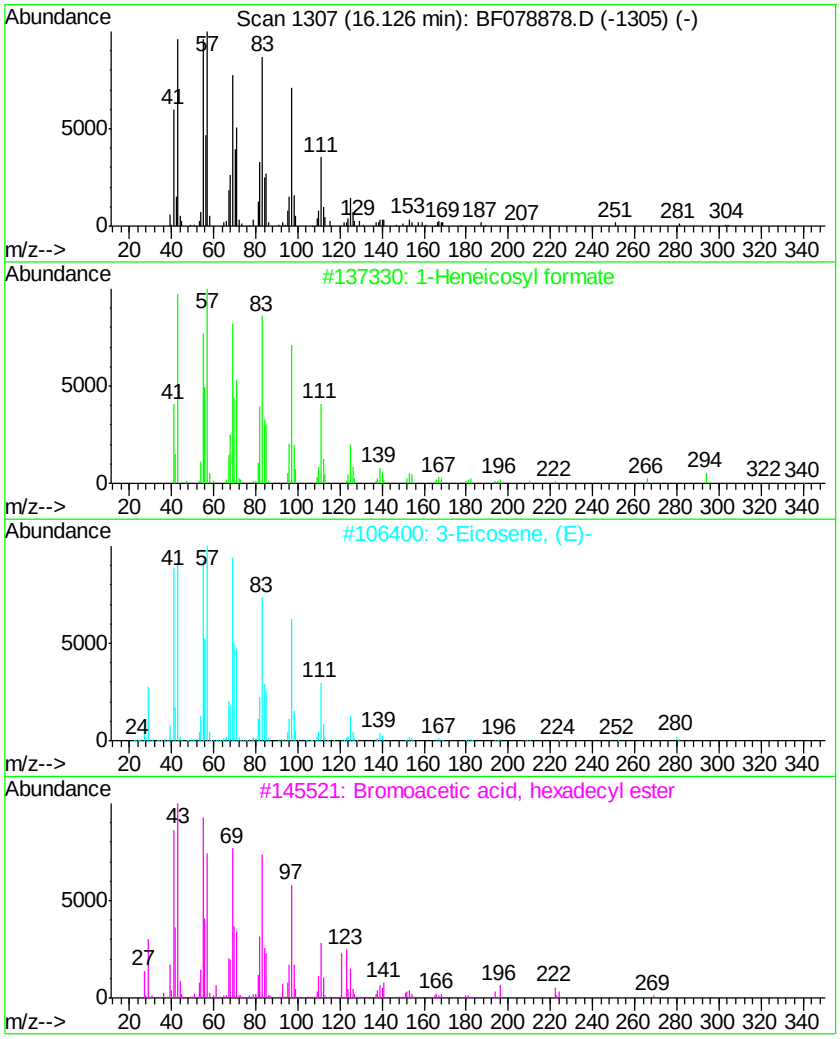
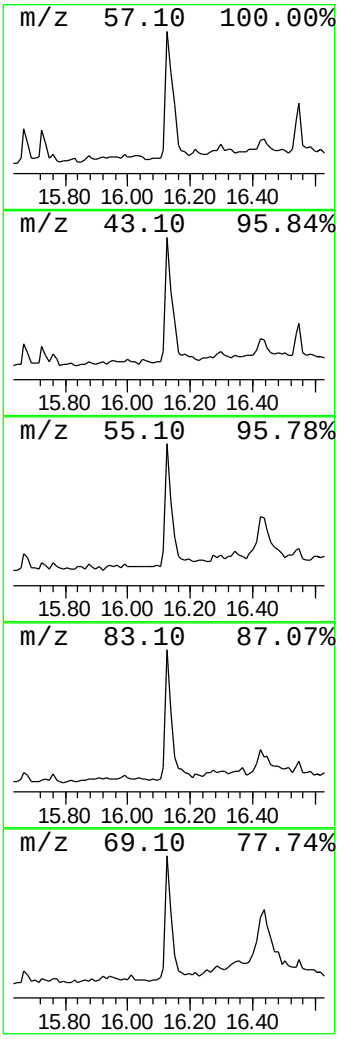
Peak Number 12 1-Heneicosyl formate Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.13	6.43 ng	303648	Chrysene-d12	16.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
2	3-Eicosene, (E)-	280	C20H40	074685-33-9	94
3	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	94
4	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
5	1-Nonadecanol	284	C19H40O	001454-84-8	91





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ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

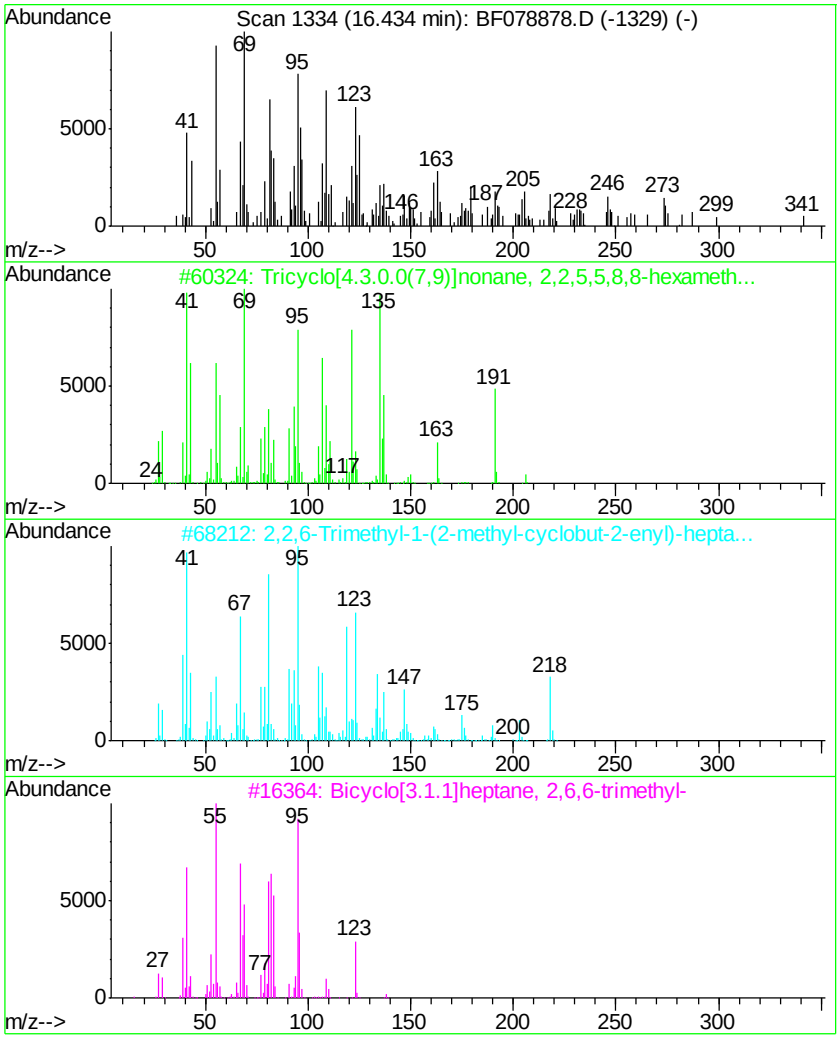
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

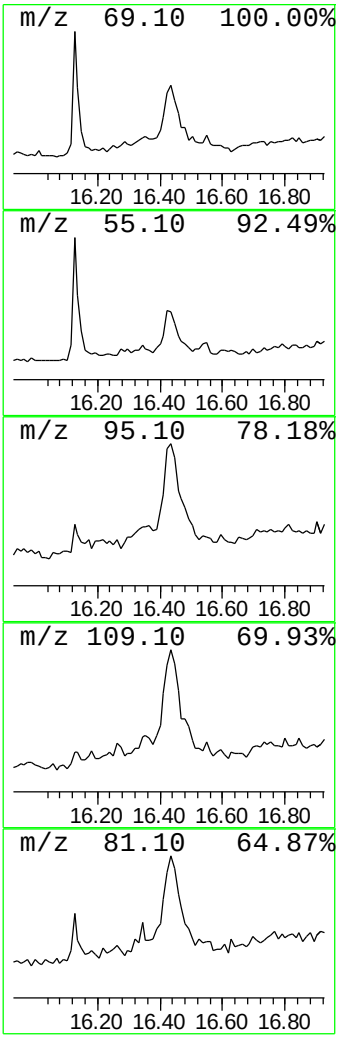
****

Peak Number 13 Tricyclo[4.3.0.0(7,9)]nonan... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.43	10.26 ng	484218	Chrysene-d12	16.26

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tricyclo[4.3.0.0(7,9)]nonane, 2,...	206	C15H26	054832-82-5	55
2	2,2,6-Trimethyl-1-(2-methyl-cycl...	218	C15H22O	1000188-72-8	50
3	Bicyclo[3.1.1]heptane, 2,6,6-tri...	138	C10H18	000473-55-2	42
4	1-Formyl-2,2-dimethyl-3-trans-(3...	220	C15H24O	1000144-09-7	41
5	2-Buten-1-one, 1-(2,6,6-trimethy...	192	C13H20O	041436-42-4	30





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043015\
Data File : BF078878.D
Acq On : 1 May 2015 5:53
Operator : TP/IZ
Sample : G2002-04
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TEC-04

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.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
Propane, 2,2-dime...	1.54	346.7	ng	9139100	1	7.37	527149	20.0
Butane, 2-methoxy...	1.86	10.0	ng	264488	1	7.37	527149	20.0
2-Pentanone, 4-hy...	5.18	13.3	ng	349805	1	7.37	527149	20.0
unknown7.08	7.08	71.8	ng	1891690	1	7.37	527149	20.0
Ethanol, 2-(2-but...	8.86	3.2	ng	116443	2	8.95	717779	20.0
Hexadecanoic acid...	14.79	2.7	ng	127330	5	16.26	943815	20.0
Phenol, 4,4'-(1-m...	14.82	8.4	ng	397826	5	16.26	943815	20.0
1-Heneicosyl formate	16.13	6.4	ng	303648	5	16.26	943815	20.0
Tricyclo[4.3.0.0(...	16.43	10.3	ng	484218	5	16.26	943815	20.0