LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079336.D
Acq On : 19 May 2015 6:50
Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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	1.313	8	11	13	rVB	1855668	2648401	43.18%	11.763%
2	1.427	19	21	34	rVB2	111119	362962	5.92%	1.612%
3	1.598	34	36	40	rVV	124329	183073	2.98%	0.813%
4	1.667	40	42	50	rVV	352442	609296	9.93%	2.706%
5	1.781	50	52	93	rVB	3005629	6133518	100.00%	27.242%
6	3.336	184	188	193	rVB	35342	71981	1.17%	0.320%
7	4.936	326	328	336	rBV	92980	120637	1.97%	0.536%
8	5.404	366	369	372	rBV	62247	120229	1.96%	0.534%
9	5.461	372	374	377	rBV	977596	1020072	16.63%	4.531%
10	6.742	484	486	489	rBV	874388	1097873	17.90%	4.876%
11	6.879	496	498	501	rBV	860914	1124457	18.33%	4.994%
12	7.165	521	523	526	rBV	236896	276938	4.52%	1.230%
13	7.359	537	540	542	rBV	782108	867715	14.15%	3.854%
14	7.862	582	584	587	rBV	778420	693185	11.30%	3.079%
15	8.742	659	661	664	rBV	351808	398992	6.51%	1.772%
16	10.091	777	779	782	rBV	1329944	1366802	22.28%	6.071%
17	10.605	821	824	826	rBV	104571	118035	1.92%	0.524%
18	10.925	850	852	854	rVB	375812	446143	7.27%	1.982%
19	11.896	935	937	940	rBV2	685261	944370	15.40%	4.194%
20	12.765	1010	1013	1015	rBV	485159	496499	8.09%	2.205%
21	14.274	1142	1145	1147	rBV	45613	64659	1.05%	0.287%
22	14.548	1166	1169	1171	rBV	70107	77821	1.27%	0.346%
23	14.754	1185	1187	1190	rBV	1262177	1642469	26.78%	7.295%
24	15.943	1289	1291	1298	rBV	140467	247382	4.03%	1.099%
25	16.068	1298	1302	1304	rBV	443089	640263	10.44%	2.844%
26	17.406	1416	1419	1421	rBV	53164	111576	1.82%	0.496%
27	17.806	1452	1454	1456	rBV	48952	74258	1.21%	0.330%
28	17.874	1457	1460	1466	rVB	373026	555278	9.05%	2.466%

Sum of corrected areas: 22514884

LSC Report - Integrated Chromatogram

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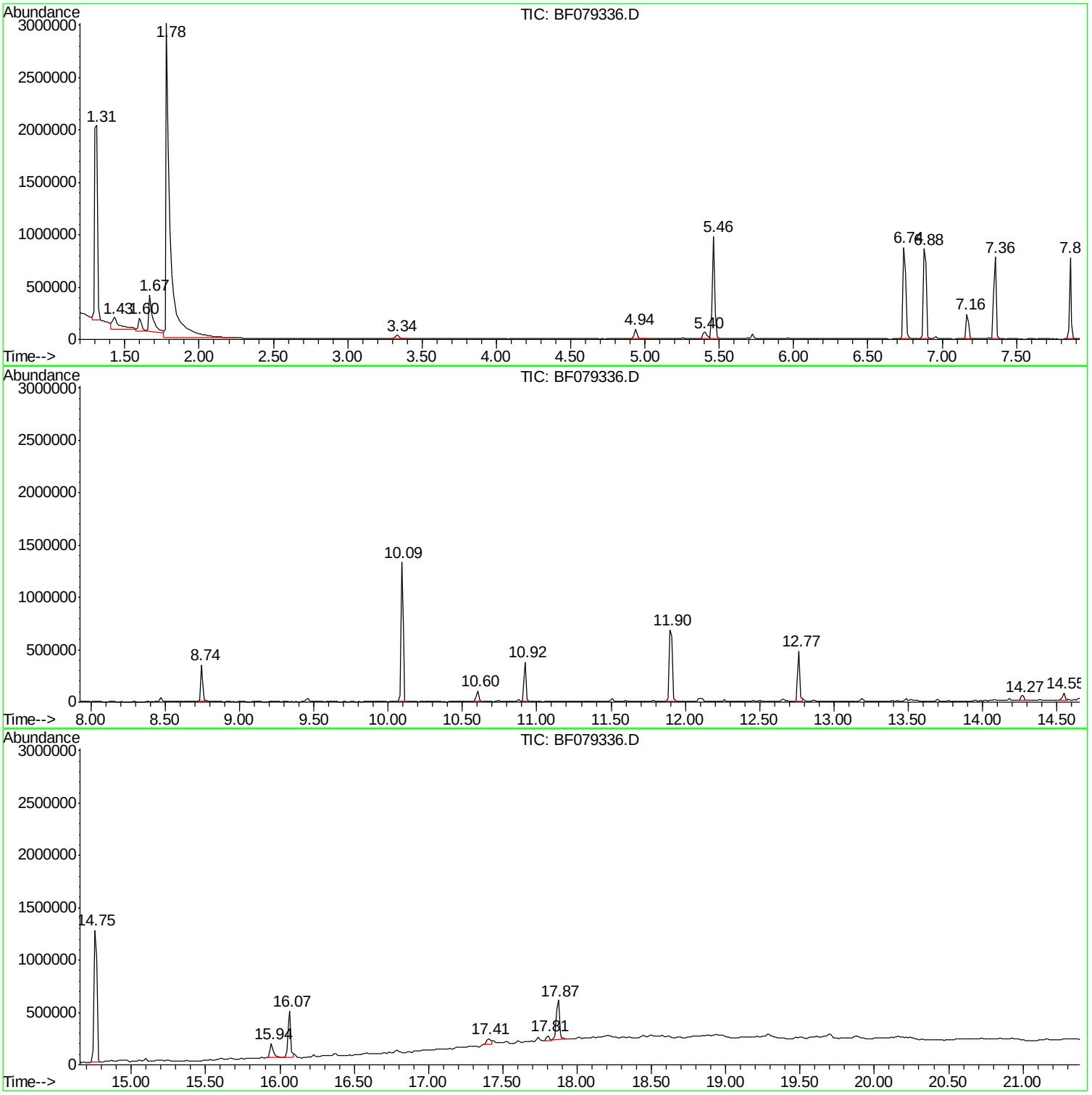
Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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



Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079336.D
Acq On : 19 May 2015 6:50
Operator : TP/IZ
Sample : G2270-08
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Instrument : BNA_F
ClientSampleId : SB-10

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

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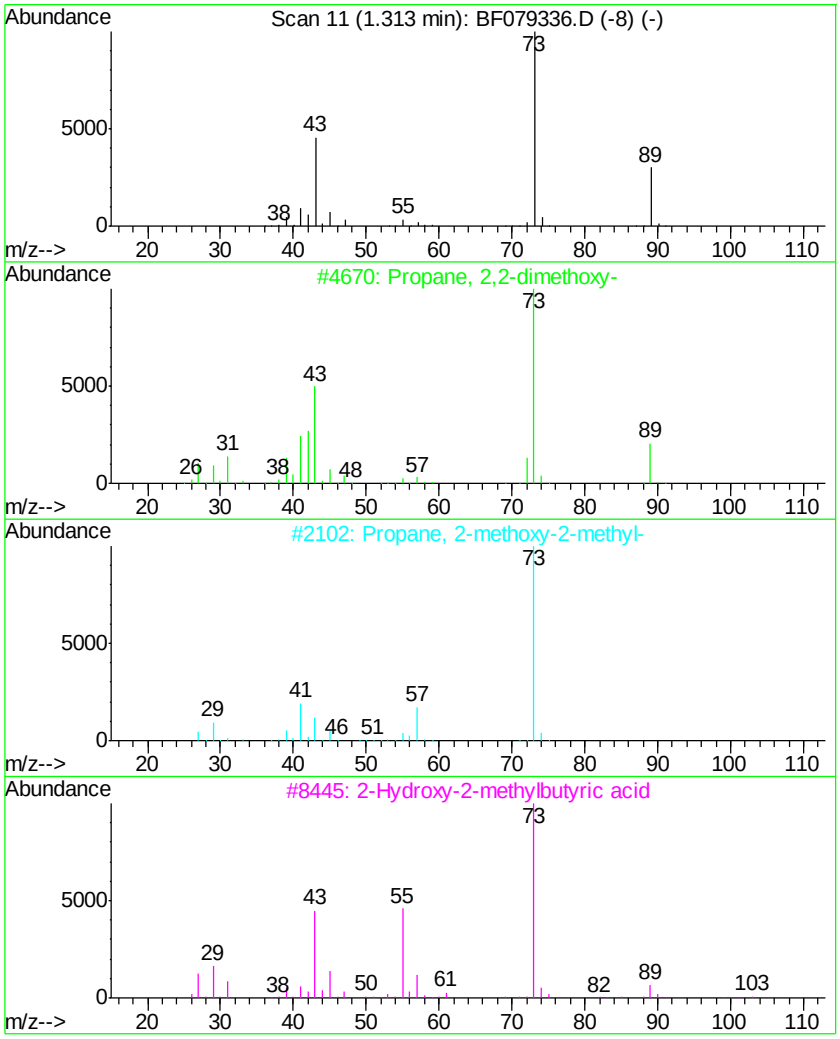
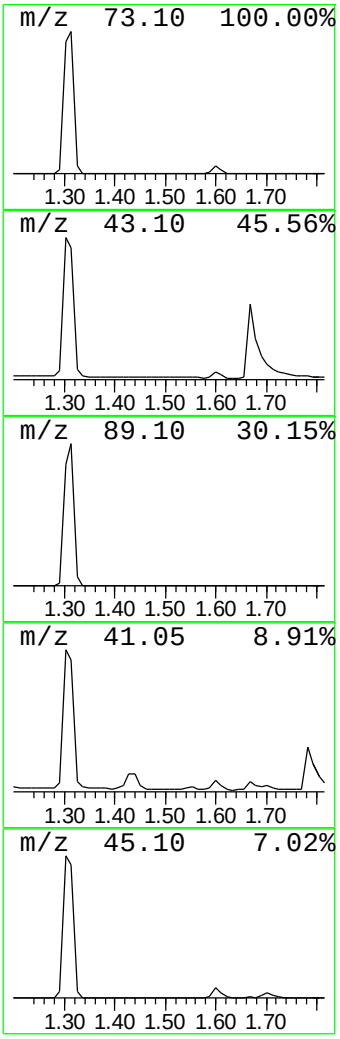
Peak Number 1 unknown1.31 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.31	191.26 ng	2648400	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7
5	N-Ethylformamide	73	C3H7NO	000627-45-2	5





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079336.D
Acq On : 19 May 2015 6:50
Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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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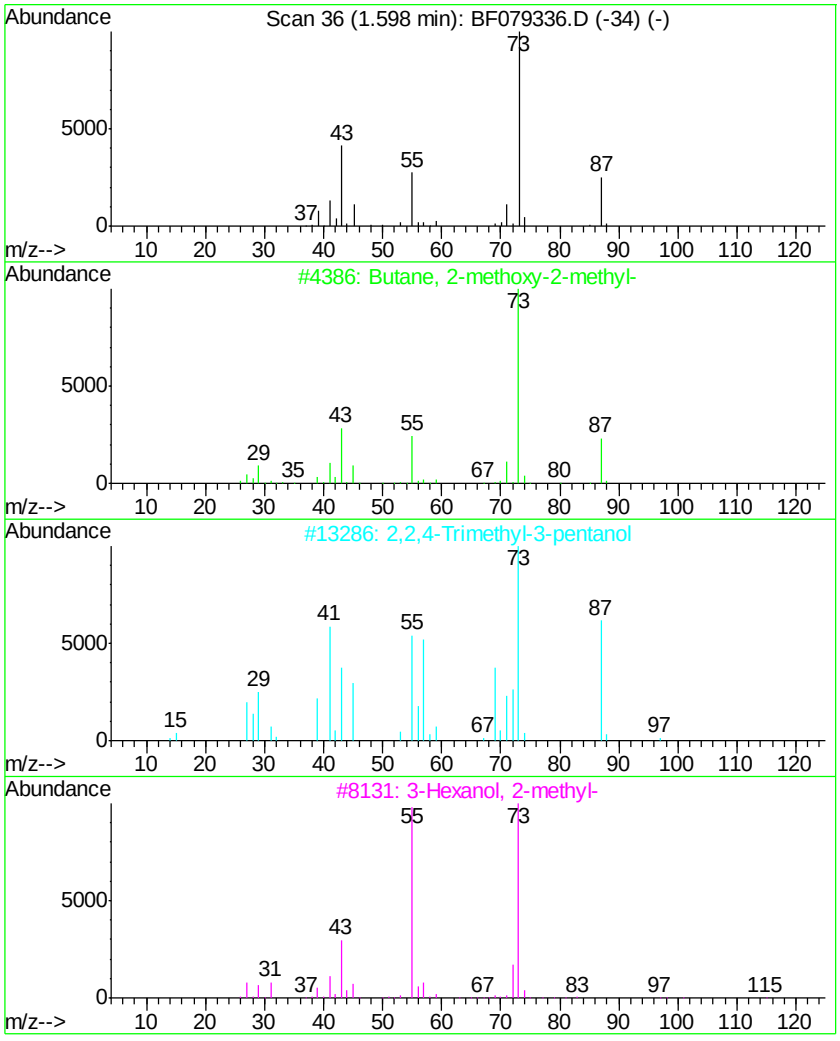
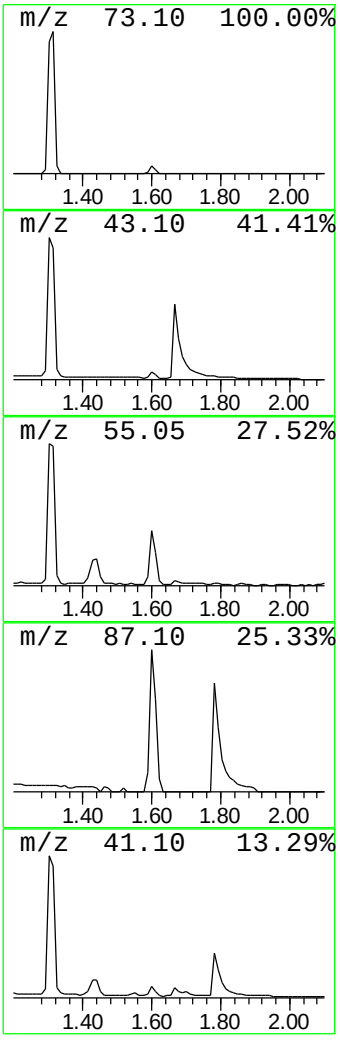
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	13.22 ng	183073	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	43
3	3-Hexanol, 2-methyl-	116	C7H16O	000617-29-8	23
4	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	23
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079336.D
Acq On : 19 May 2015 6:50
Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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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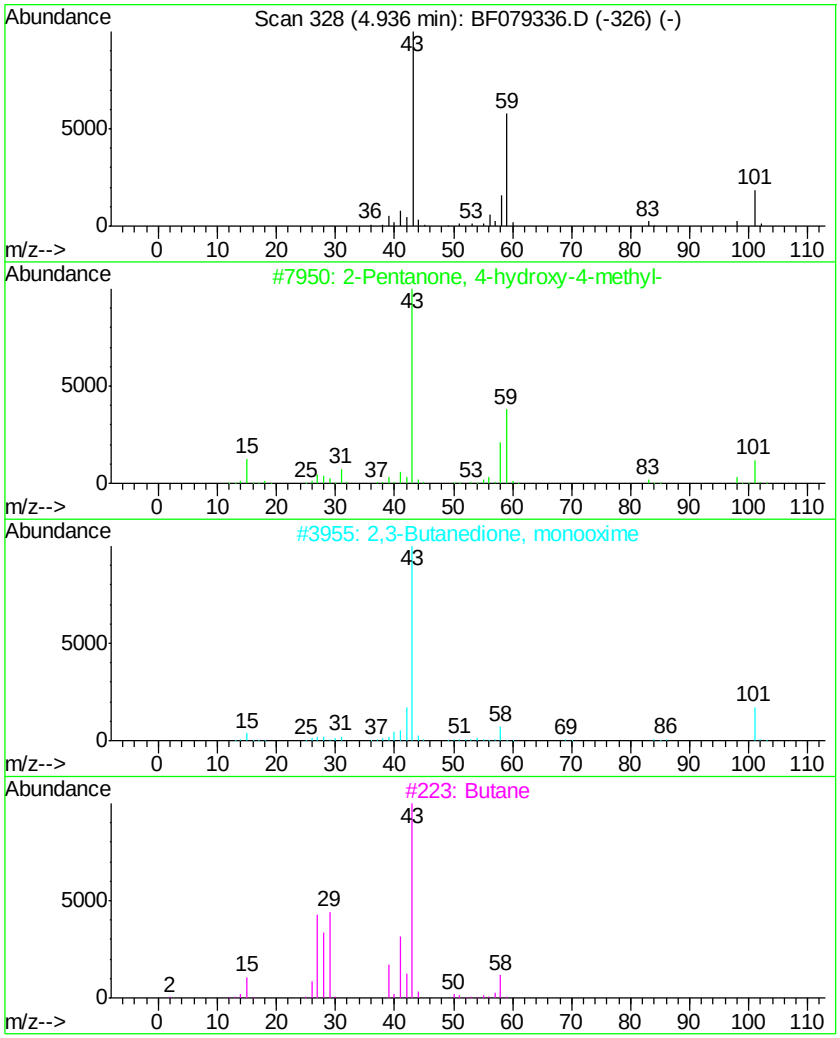
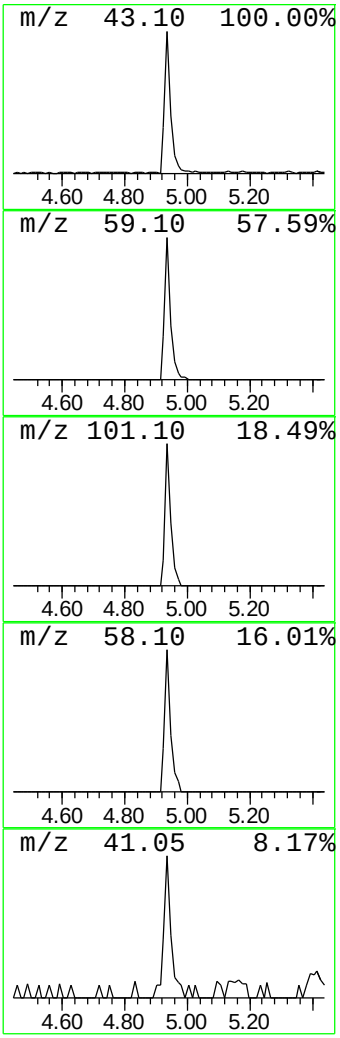
Peak Number 7 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.94	8.71 ng	120637	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	27
3	Butane	58	C4H10	000106-97-8	9
4	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079336.D
Acq On : 19 May 2015 6:50
Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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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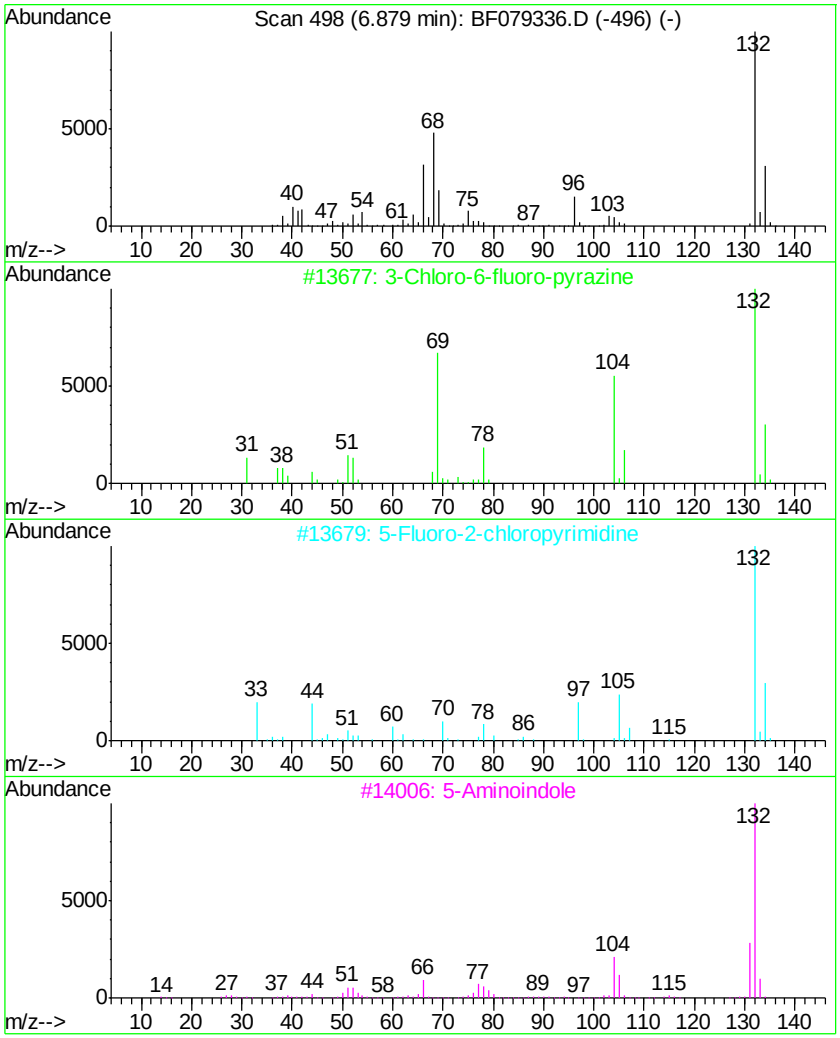
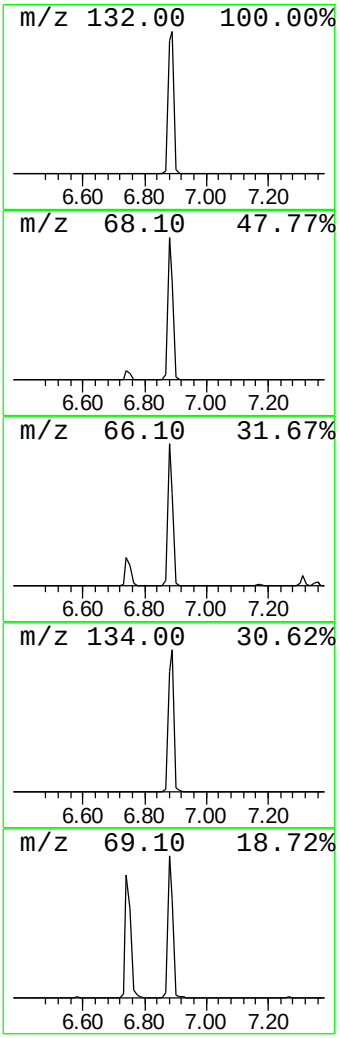
Peak Number 9 unknown6.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	81.21 ng	1124460	1,4-Dichlorobenzene-d4	7.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	10
4	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
5	Benzene, 1-ethenyl-3,5-dimethyl-	132	C10H12	005379-20-4	9





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Operator : TP/IZ
Sample : G2270-08
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-10

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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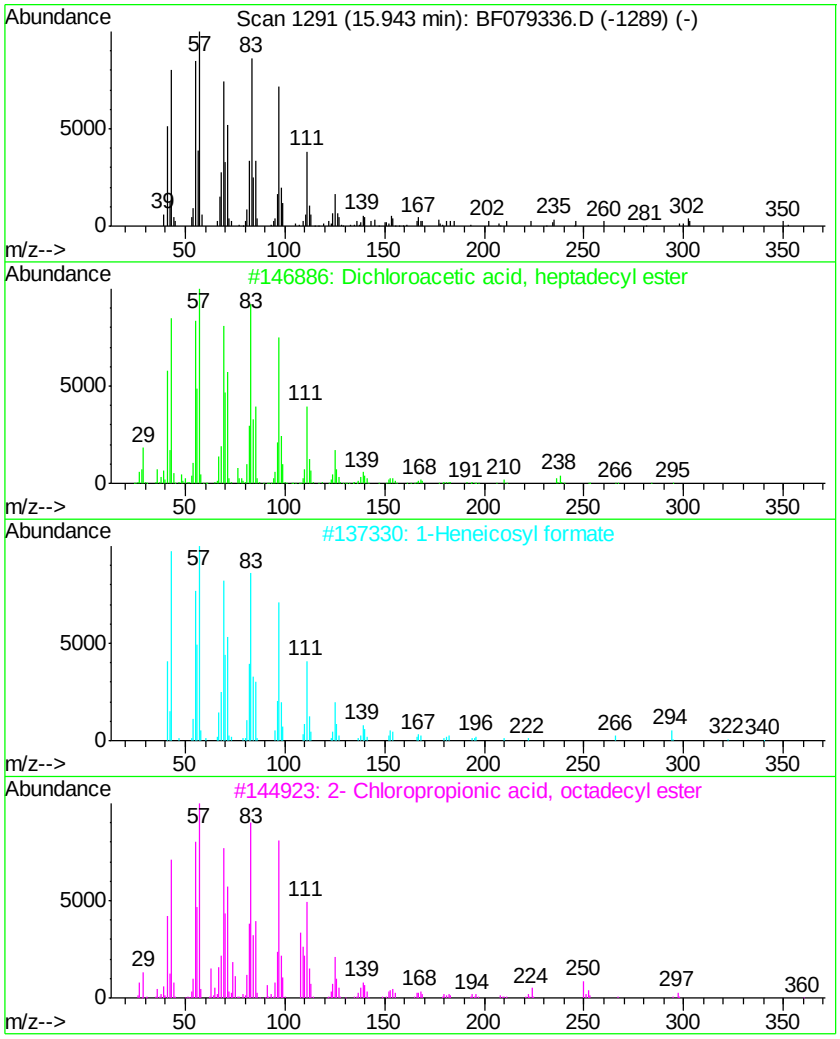
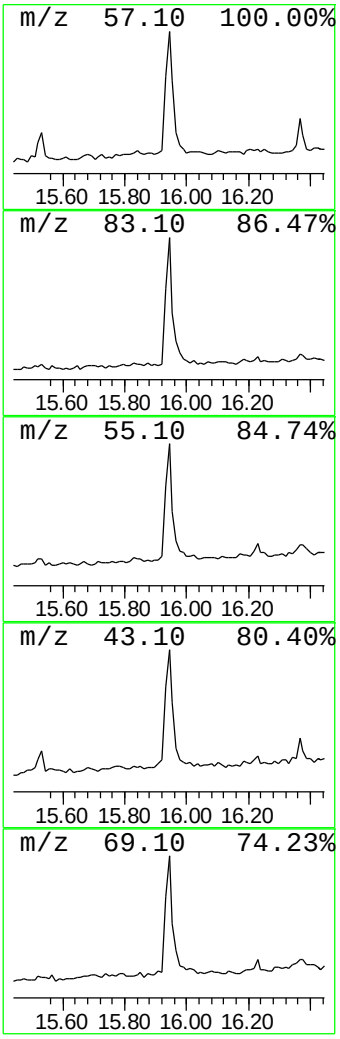
Peak Number 11 Dichloroacetic acid, heptad... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.94	7.73 ng	247382	Chrysene-d12	16.07

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	95
2	1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3	2- Chloropropionic acid, octadec...	360	C21H41ClO2	088104-31-8	94
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5	Trifluoroacetic acid, n-octadecy...	366	C20H37F3O2	079392-43-1	91





Tentatively Identified Compound (LSC) summary

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Operator : TP/IZ
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Instrument : BNA_F
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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
unknown1.31	1.31	191.3	ng	2648400	1	7.16	276938	20.0
Butane, 2-methoxy...	1.60	13.2	ng	183073	1	7.16	276938	20.0
2-Pentanone, 4-hy...	4.94	8.7	ng	120637	1	7.16	276938	20.0
unknown6.88	6.88	81.2	ng	1124460	1	7.16	276938	20.0
Dichloroacetic ac...	15.94	7.7	ng	247382	5	16.07	640263	20.0