LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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	1.301	8	10	12	rVB	1678755	1840084	24.79%	10.111%
2	1.427	19	21	34	rVB	105636	335701	4.52%	1.845%
3	1.598	34	36	41	rVV3	61339	117775	1.59%	0.647%
4	1.667	41	42	50	rVV	194414	327983	4.42%	1.802%
5	1.781	50	52	103	rVB	3466121	7421213	100.00%	40.777%
6	5.450	371	373	376	rBV	415085	437854	5.90%	2.406%
7	6.730	483	485	488	rBV	410577	476731	6.42%	2.619%
8	6.879	496	498	500	rBV	509696	501483	6.76%	2.755%
9	7.164	521	523	525	rBV	317010	280799	3.78%	1.543%
10	7.347	537	539	542	rBV	403871	393260	5.30%	2.161%
11	7.862	581	584	586	rBV	240585	287018	3.87%	1.577%
12	8.742	659	661	663	rBV	449630	405904	5.47%	2.230%
13	10.090	777	779	781	rBV	676344	635539	8.56%	3.492%
14	10.913	849	851	853	rVB	482878	444448	5.99%	2.442%
15	11.896	934	937	939	rBV	249939	320793	4.32%	1.763%
16	12.091	952	954	958	rBV	67436	101940	1.37%	0.560%
17	12.754	1009	1012	1014	rBV	501163	500853	6.75%	2.752%
18	14.262	1141	1144	1146	rVB	122101	158321	2.13%	0.870%
19	14.537	1166	1168	1170	rVB	160294	168837	2.28%	0.928%
20	14.742	1184	1186	1189	rBV	586544	785390	10.58%	4.315%
21	14.960	1198	1205	1207	rBV4	27819	92289	1.24%	0.507%
22	15.931	1287	1290	1293	rBV2	81033	148905	2.01%	0.818%
23	16.034	1296	1299	1301	rBV2	518319	669513	9.02%	3.679%
24	16.068	1301	1302	1307	rVB2	78858	143157	1.93%	0.787%
25	16.720	1357	1359	1362	rBV2	87487	137259	1.85%	0.754%
26	17.485	1424	1426	1430	rBV2	118627	237839	3.20%	1.307%
27	17.737	1446	1448	1451	rBV	397606	531795	7.17%	2.922%
28	18.423	1505	1508	1512	rVB	151375	296910	4.00%	1.631%

Sum of corrected areas: 18199593

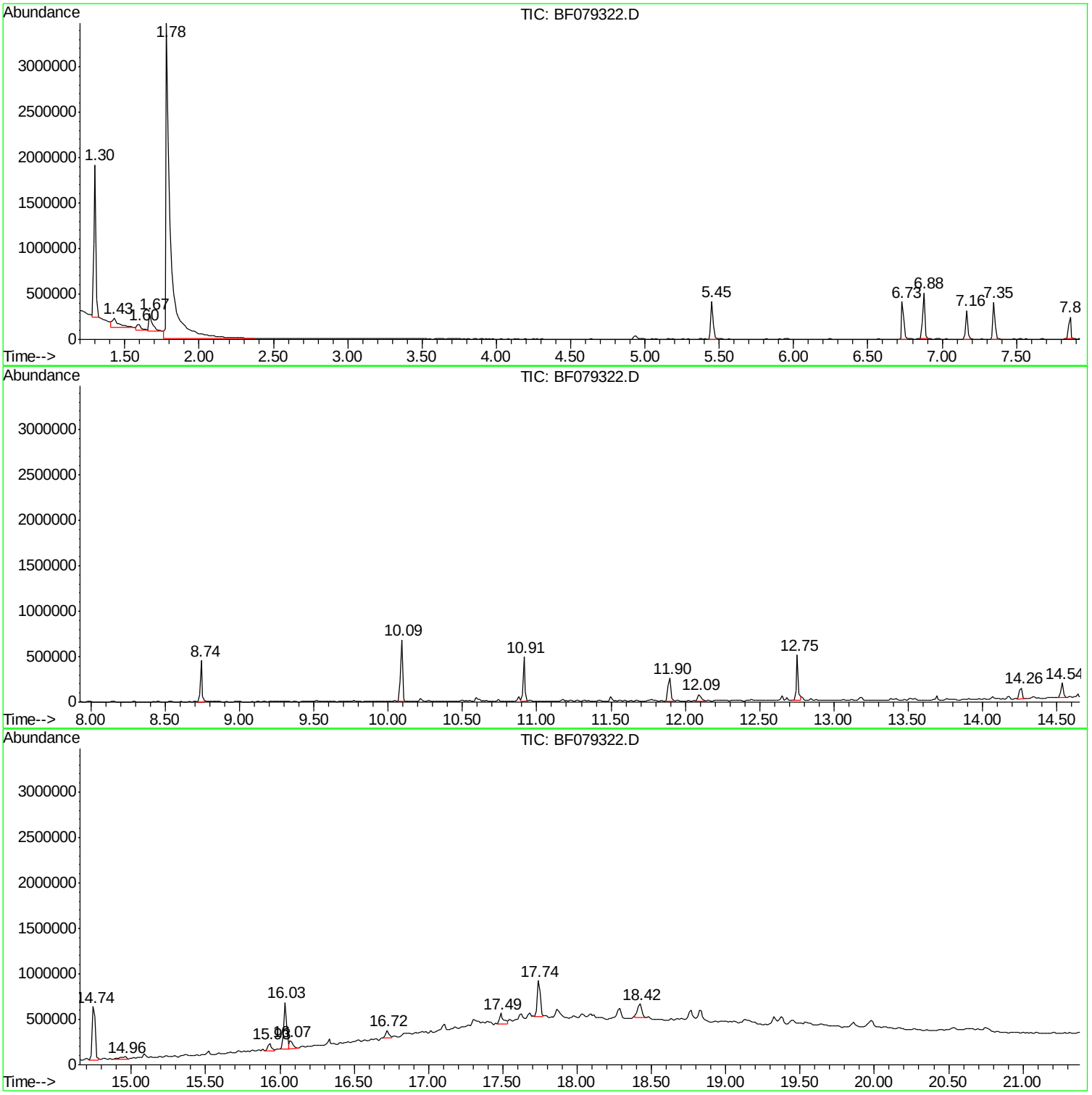
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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 : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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

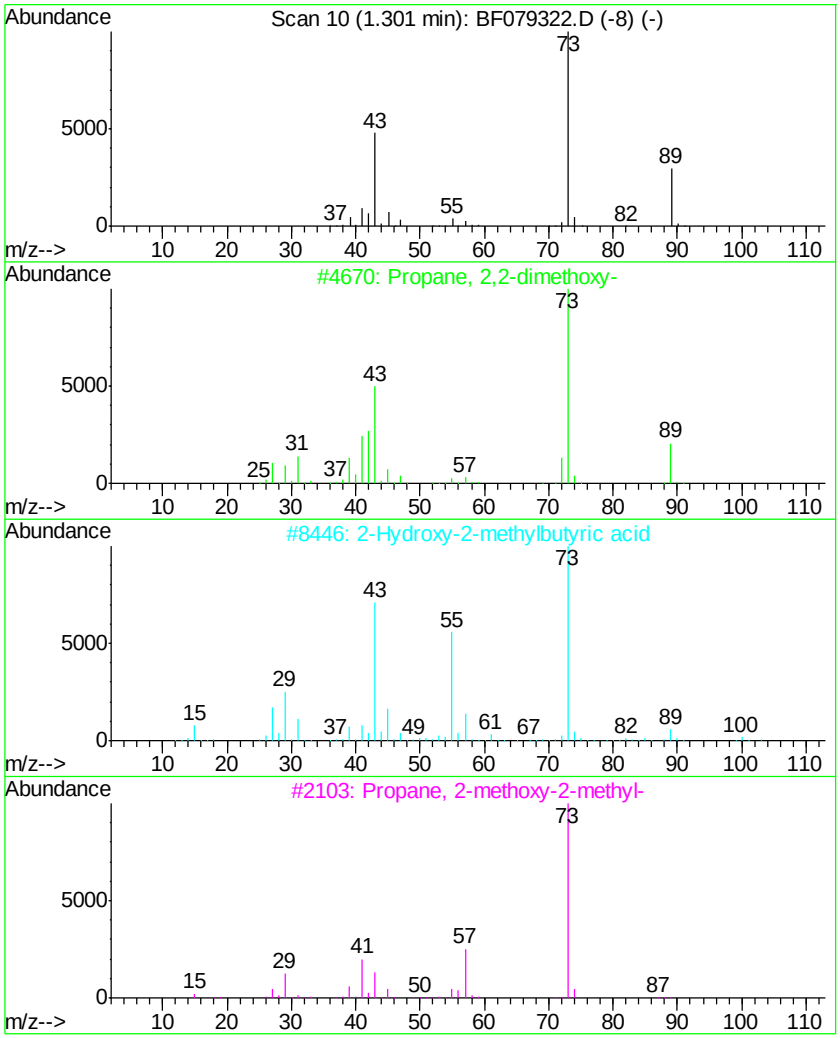
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

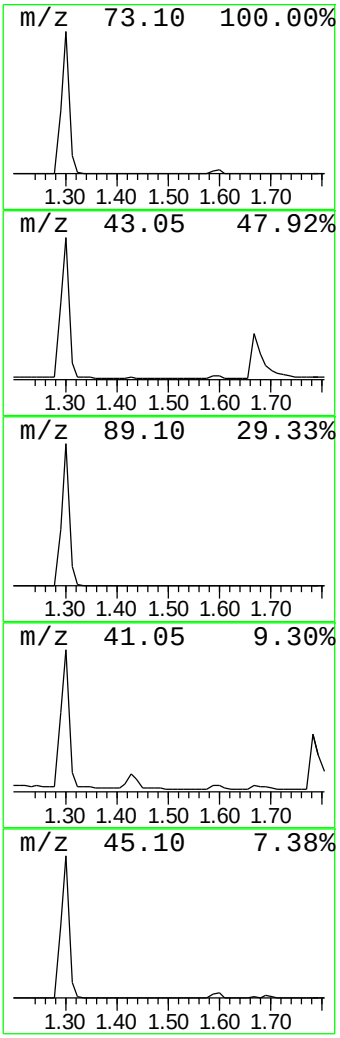
****

Peak Number 1 unknown1.30 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.30	131.06 ng	1840080	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	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Methane, isothiocyanato-	73	C2H3NS	000556-61-6	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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

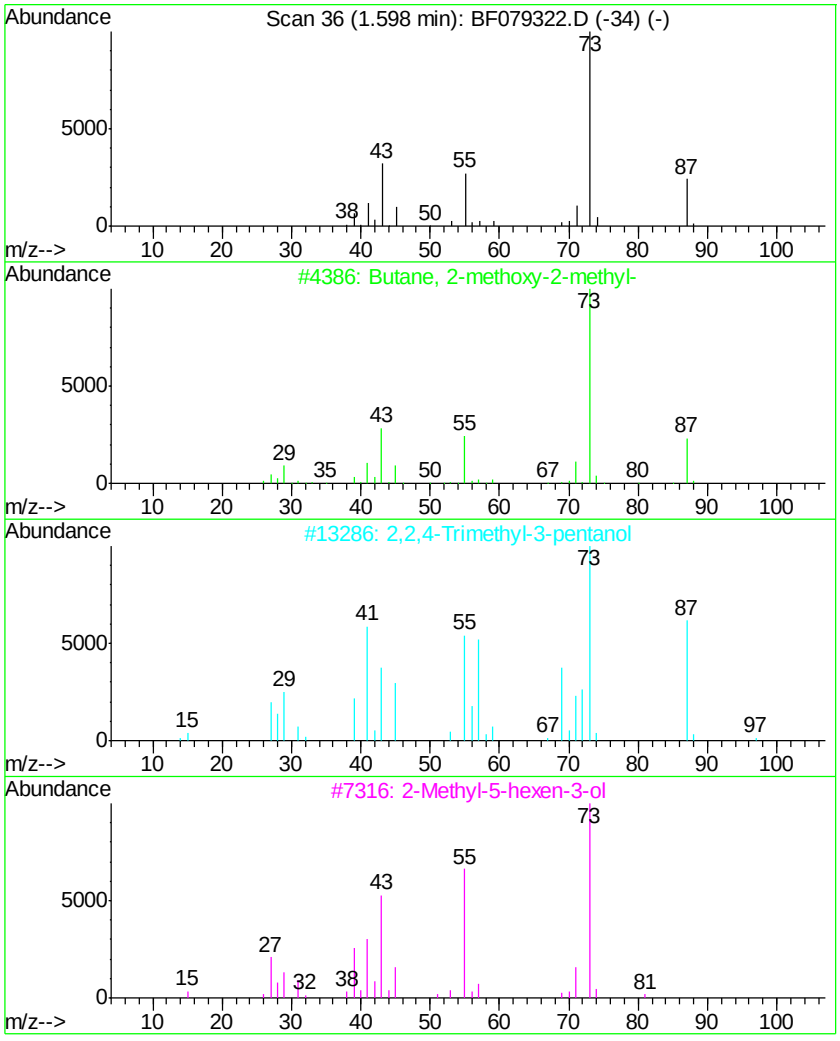
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

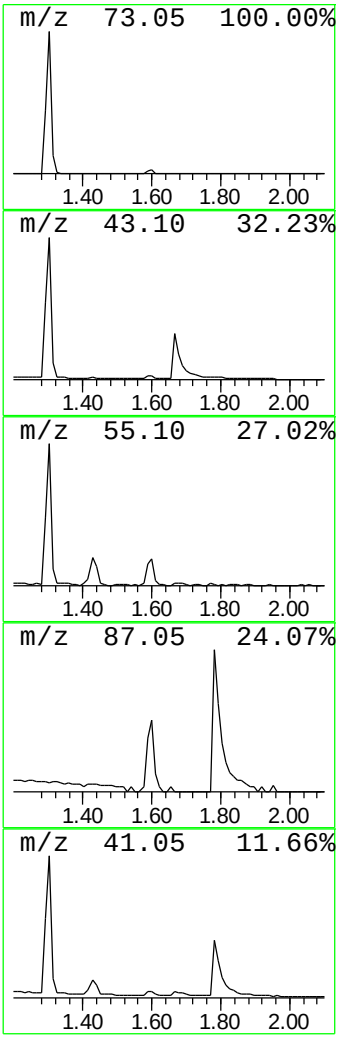
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.60	8.39 ng	117775	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	2-Methyl-5-hexen-3-ol	114	C7H14O	032815-70-6	38
4	N-Ethylformamide	73	C3H7NO	000627-45-2	9
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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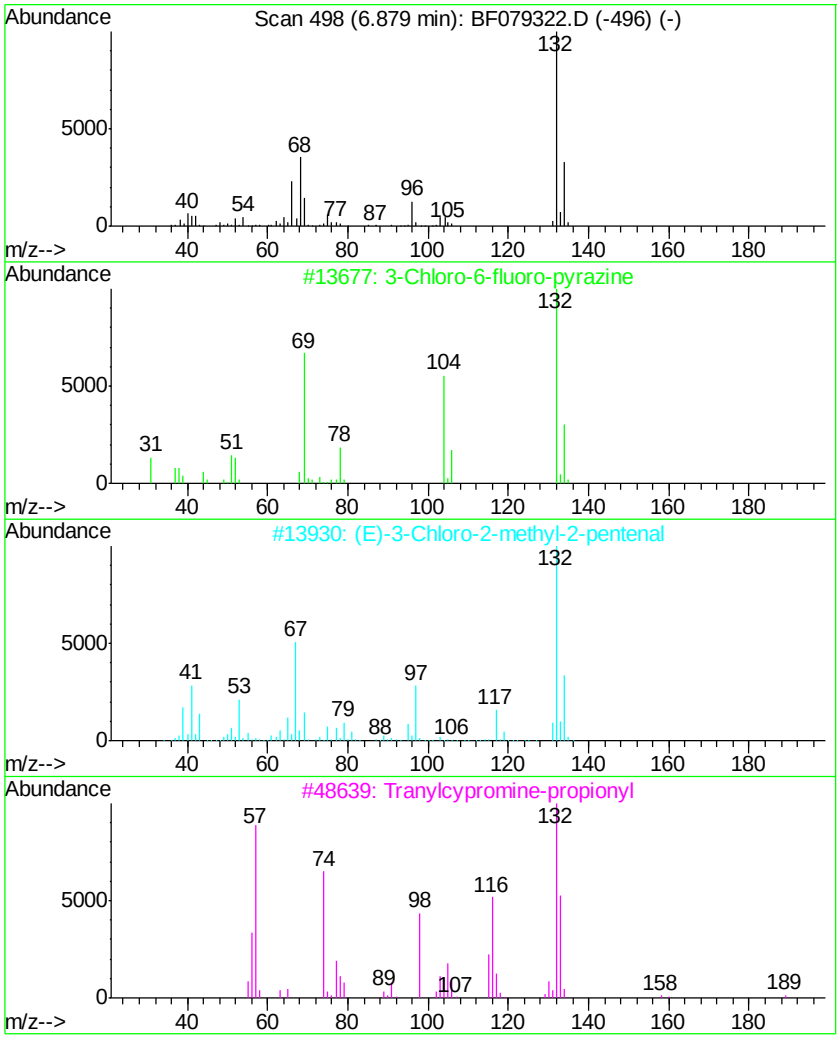
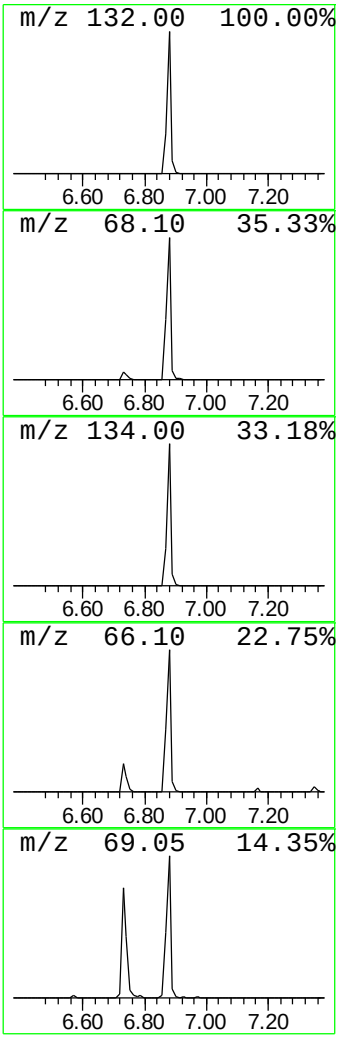
Peak Number 6 unknown6.88 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.88	35.72 ng	501483	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	25
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	17
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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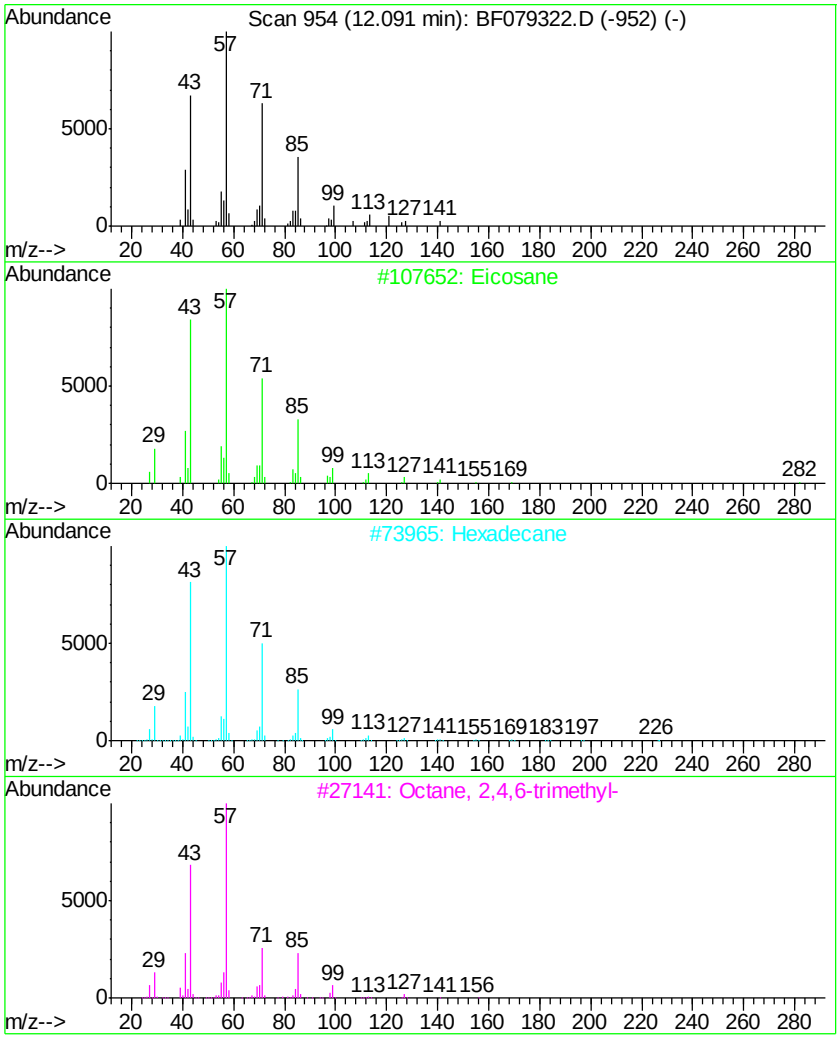
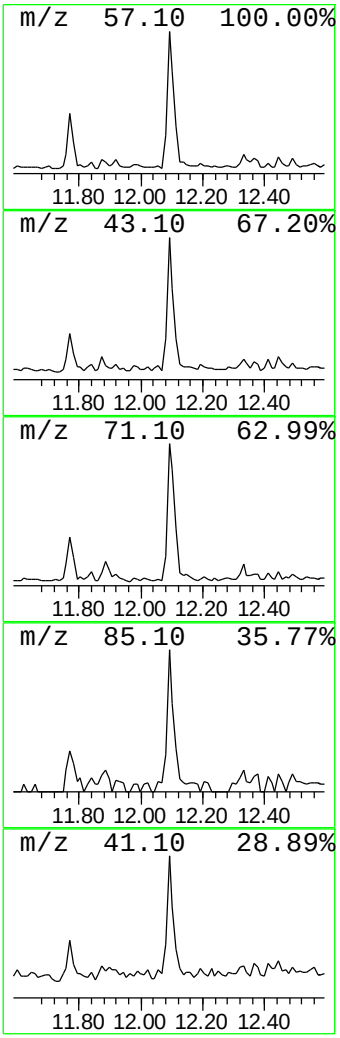
Peak Number 8 Eicosane Concentration Rank 12

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.09	4.07 ng	101940	Phenanthrene-d10	12.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Eicosane	282	C20H42	000112-95-8	91
2	Hexadecane	226	C16H34	000544-76-3	90
3	Octane, 2,4,6-trimethyl-	156	C11H24	062016-37-9	80
4	Tridecane	184	C13H28	000629-50-5	80
5	Pentadecane	212	C15H32	000629-62-9	80





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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

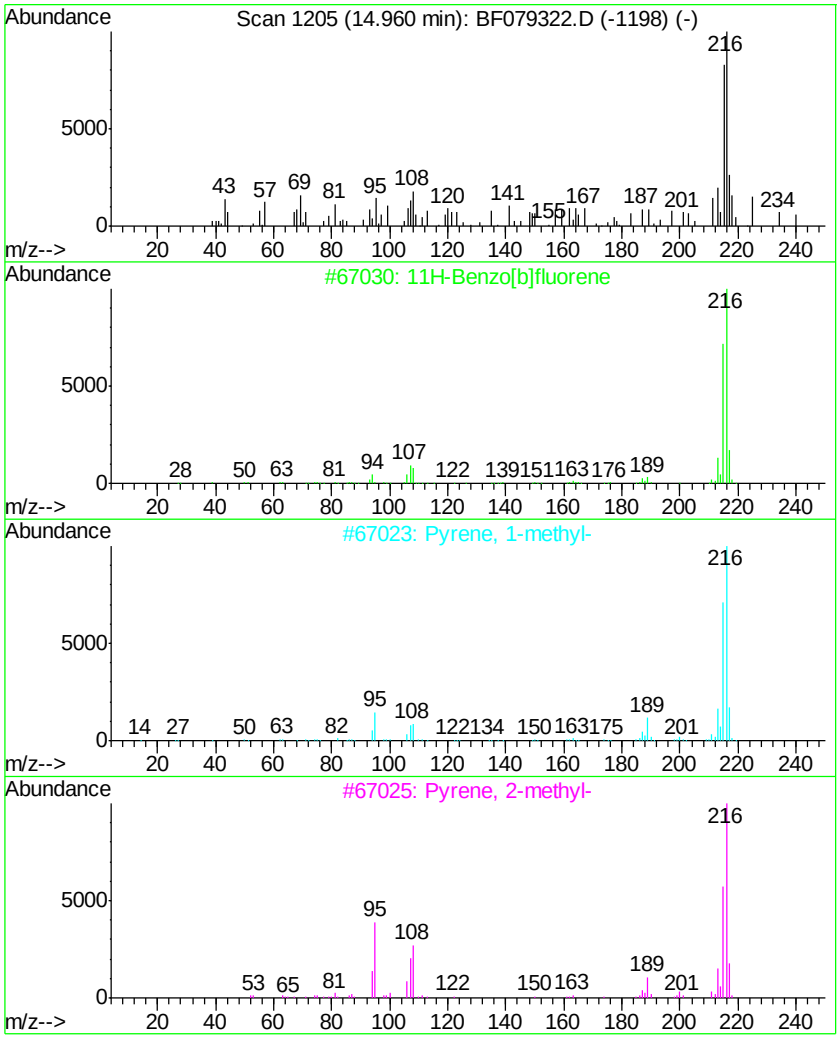
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

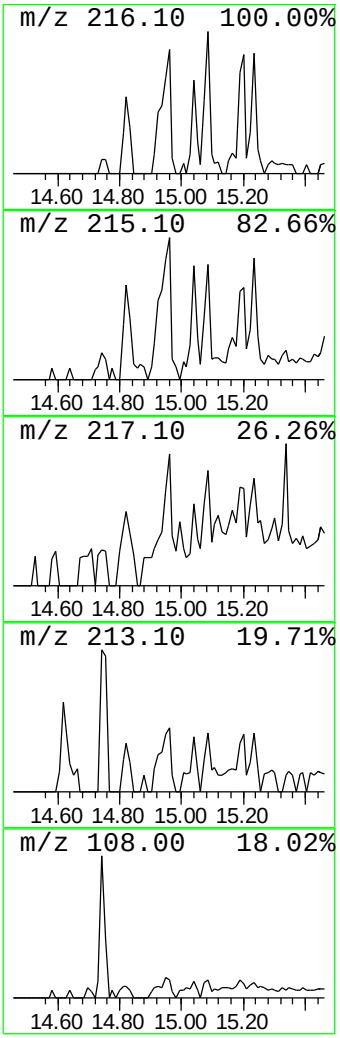
****

Peak Number 9 11H-Benzo[b]fluorene Concentration Rank 13

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.96	2.76 ng	92289	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11H-Benzo[b]fluorene	216	C17H12	000243-17-4	81
2	Pyrene, 1-methyl-	216	C17H12	002381-21-7	74
3	Pyrene, 2-methyl-	216	C17H12	003442-78-2	74
4	11H-Benzo[a]fluorene	216	C17H12	000238-84-6	59
5	Fluoranthene, 2-methyl-	216	C17H12	033543-31-6	58





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Data File : BF079322.D
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Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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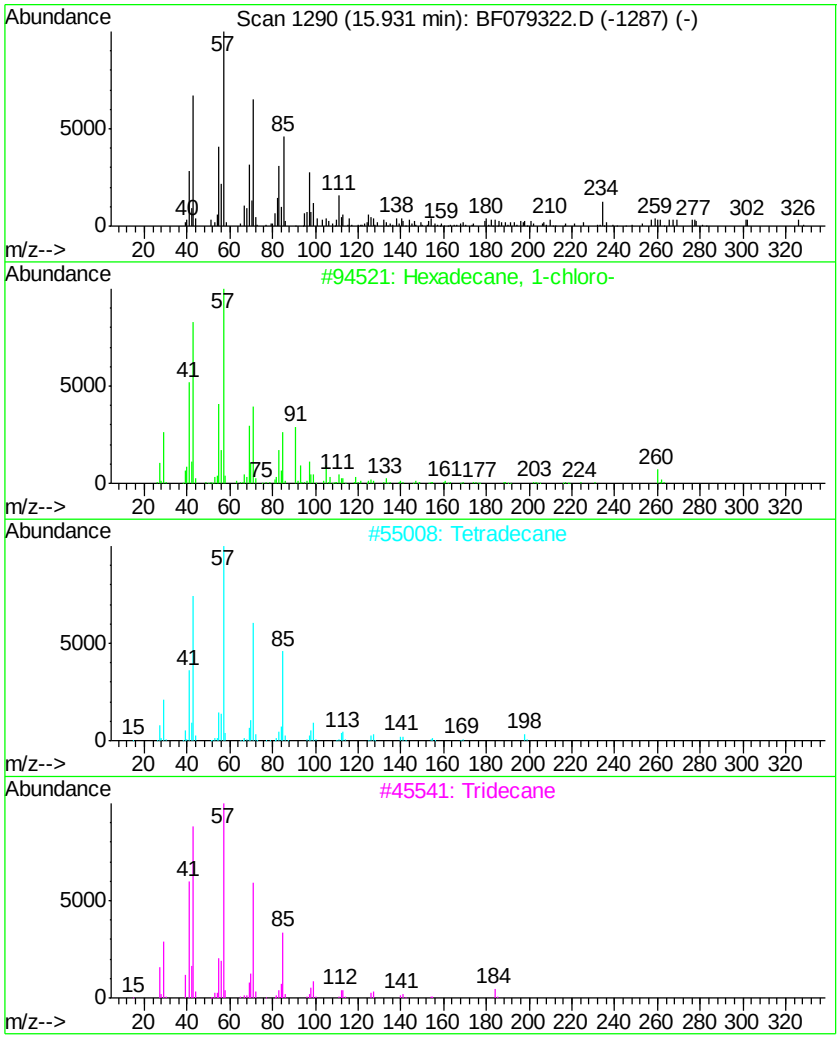
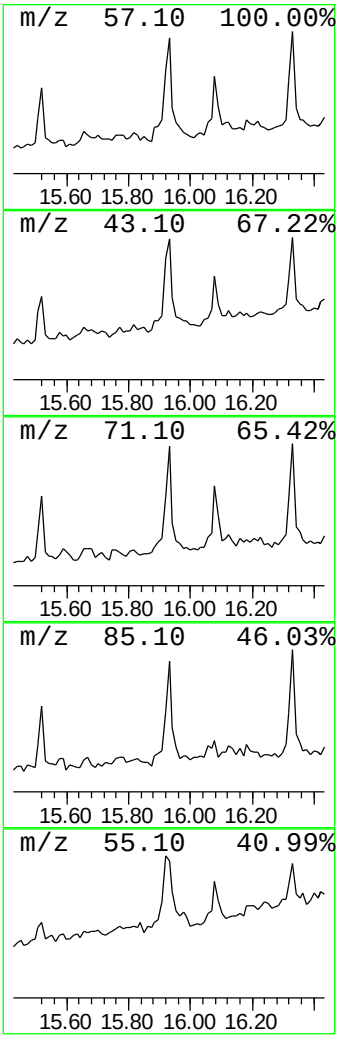
Peak Number 10 Hexadecane, 1-chloro- Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.93	4.45 ng	148905	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Hexadecane, 1-chloro-	260	C16H33Cl	004860-03-1	93
2	Tetradecane	198	C14H30	000629-59-4	93
3	Tridecane	184	C13H28	000629-50-5	91
4	Nonadecane, 1-chloro-	302	C19H39Cl	062016-76-6	91
5	Nonadecane	268	C19H40	000629-92-5	62





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Data File : BF079322.D
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Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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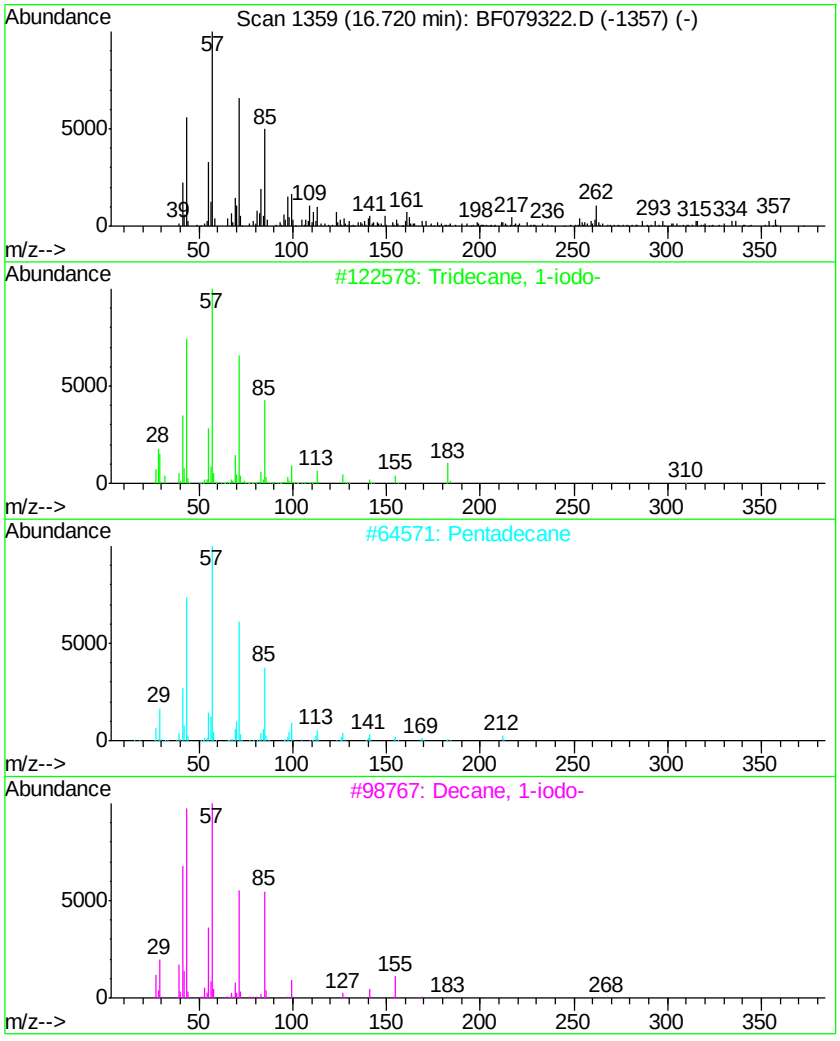
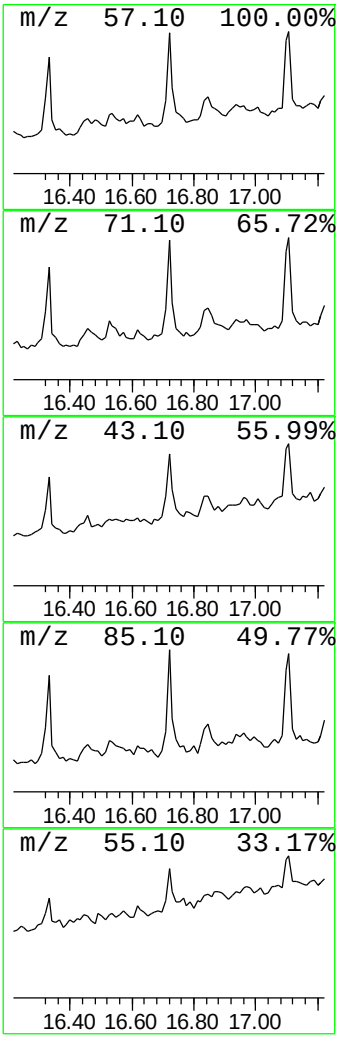
Peak Number 11 Tridecane, 1-iodo- Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.72	4.10 ng	137259	Chrysene-d12	16.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecane, 1-iodo-	310	C13H27I	035599-77-0	90
2	Pentadecane	212	C15H32	000629-62-9	89
3	Decane, 1-iodo-	268	C10H21I	002050-77-3	86
4	Tetratetracontane	619	C44H90	007098-22-8	81
5	Tricosane	324	C23H48	000638-67-5	76





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051815\
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Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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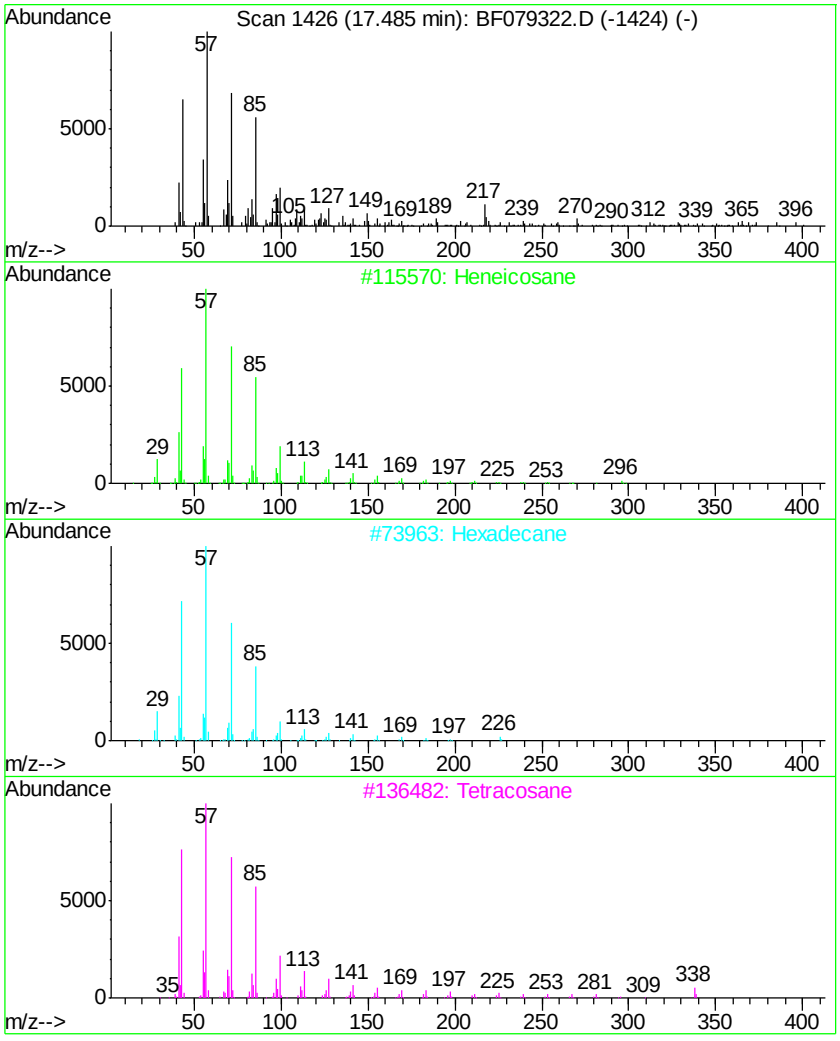
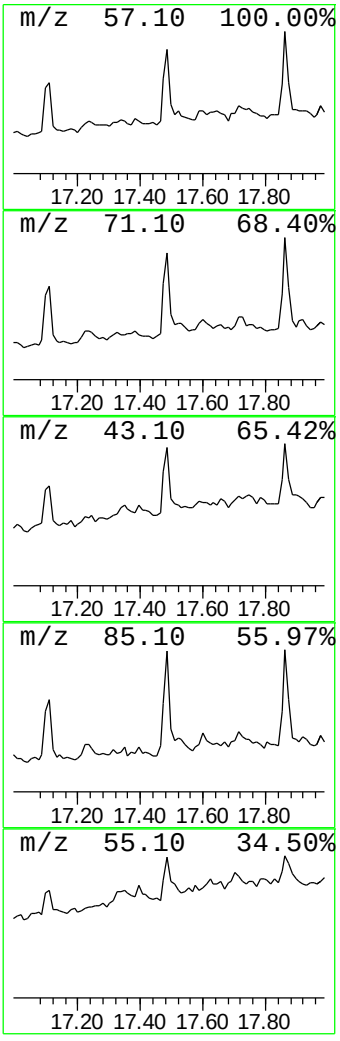
Peak Number 12 Heneicosane Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.49	8.94 ng	237839	Perylene-d12	17.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Heneicosane	296	C21H44	000629-94-7	95
2	Hexadecane	226	C16H34	000544-76-3	93
3	Tetracosane	338	C24H50	000646-31-1	91
4	1-Iodo-2-methylundecane	296	C12H25I	073105-67-6	81
5	Tridecane, 7-hexyl-	268	C19H40	007225-66-3	76





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Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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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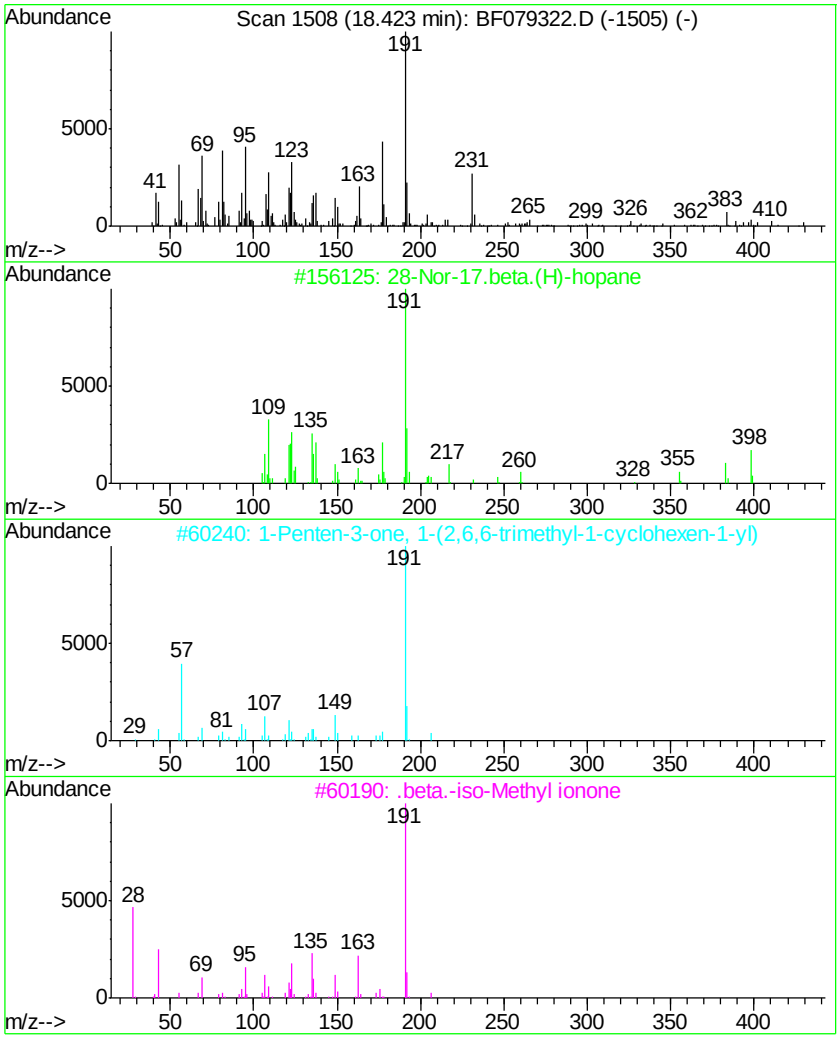
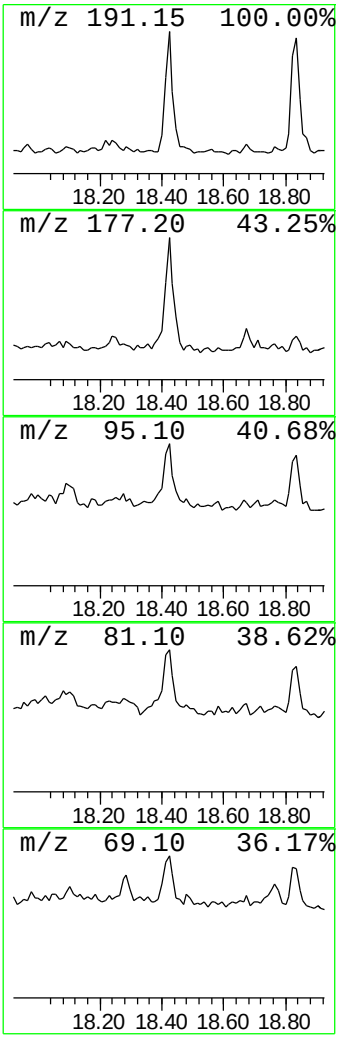
Peak Number 13 28-Nor-17.beta.(H)-hopane Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.42	11.17 ng	296910	Perylene-d12	17.74

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	28-Nor-17.beta.(H)-hopane	398	C29H50	036728-72-0	58
2	1-Penten-3-one, 1-(2,6,6-trimeth...	206	C14H22O	000127-43-5	35
3	.beta.-iso-Methyl ionone	206	C14H22O	1000285-40-2	32
4	1,4-Benzenediol, 2-[(1,4,4a,5,6,...	314	C21H30O2	039707-55-6	27
5	2,4,5,5,8a-Pentamethyl-6,7,8,8a-...	206	C14H22O	1000195-40-9	25





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051815\
Data File : BF079322.D
Acq On : 19 May 2015 00:07
Operator : TP/IZ
Sample : G2270-04 2X
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-17

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
unknown1.30	1.30	131.1	ng	1840080	1	7.16	280799	20.0
Butane, 2-methoxy...	1.60	8.4	ng	117775	1	7.16	280799	20.0
unknown6.88	6.88	35.7	ng	501483	1	7.16	280799	20.0
Eicosane	12.09	4.1	ng	101940	4	12.75	500853	20.0
11H-Benzo[b]fluorene	14.96	2.8	ng	92289	5	16.03	669513	20.0
Hexadecane, 1-chl...	15.93	4.5	ng	148905	5	16.03	669513	20.0
Tridecane, 1-iodo-	16.72	4.1	ng	137259	5	16.03	669513	20.0
Heneicosane	17.49	8.9	ng	237839	6	17.74	531795	20.0
28-Nor-17.beta.(H...	18.42	11.2	ng	296910	6	17.74	531795	20.0