LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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	1.267	5	7	10	rVB	2520827	3495542	69.49%	17.445%
2	1.393	16	18	30	rVB2	88176	253960	5.05%	1.267%
3	1.553	30	32	39	rVV	125601	212838	4.23%	1.062%
4	1.644	39	40	48	rVV	372832	616845	12.26%	3.078%
5	1.758	48	50	94	rVB	2477990	5029973	100.00%	25.103%
6	4.879	321	323	331	rVB	241946	294948	5.86%	1.472%
7	5.416	367	370	373	rBV	847496	928713	18.46%	4.635%
8	6.696	480	482	485	rBV	662116	947540	18.84%	4.729%
9	6.844	492	495	497	rBV	759140	1000213	19.89%	4.992%
10	7.130	517	520	522	rBV	280406	276054	5.49%	1.378%
11	7.313	534	536	538	rBV	803139	711876	14.15%	3.553%
12	7.827	578	581	583	rBV	422351	563554	11.20%	2.813%
13	8.708	655	658	660	rVV	346680	376461	7.48%	1.879%
14	10.045	773	775	778	rBV	785317	1078555	21.44%	5.383%
15	10.559	818	820	822	rBV	76837	65884	1.31%	0.329%
16	10.879	846	848	850	rVB	313949	412774	8.21%	2.060%
17	11.851	931	933	936	rBV2	624762	747859	14.87%	3.732%
18	12.719	1006	1009	1011	rBV	326200	438935	8.73%	2.191%
19	14.297	1144	1147	1149	rBV2	47032	51280	1.02%	0.256%
20	14.708	1180	1183	1186	rBV	1177719	1229502	24.44%	6.136%
21	14.868	1195	1197	1199	rVB	114319	107583	2.14%	0.537%
22	15.885	1284	1286	1294	rBV	78791	129376	2.57%	0.646%
23	16.000	1294	1296	1299	rBV	379880	505969	10.06%	2.525%
24	17.771	1448	1451	1454	rBV	449444	561154	11.16%	2.801%

Sum of corrected areas: 20037388

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
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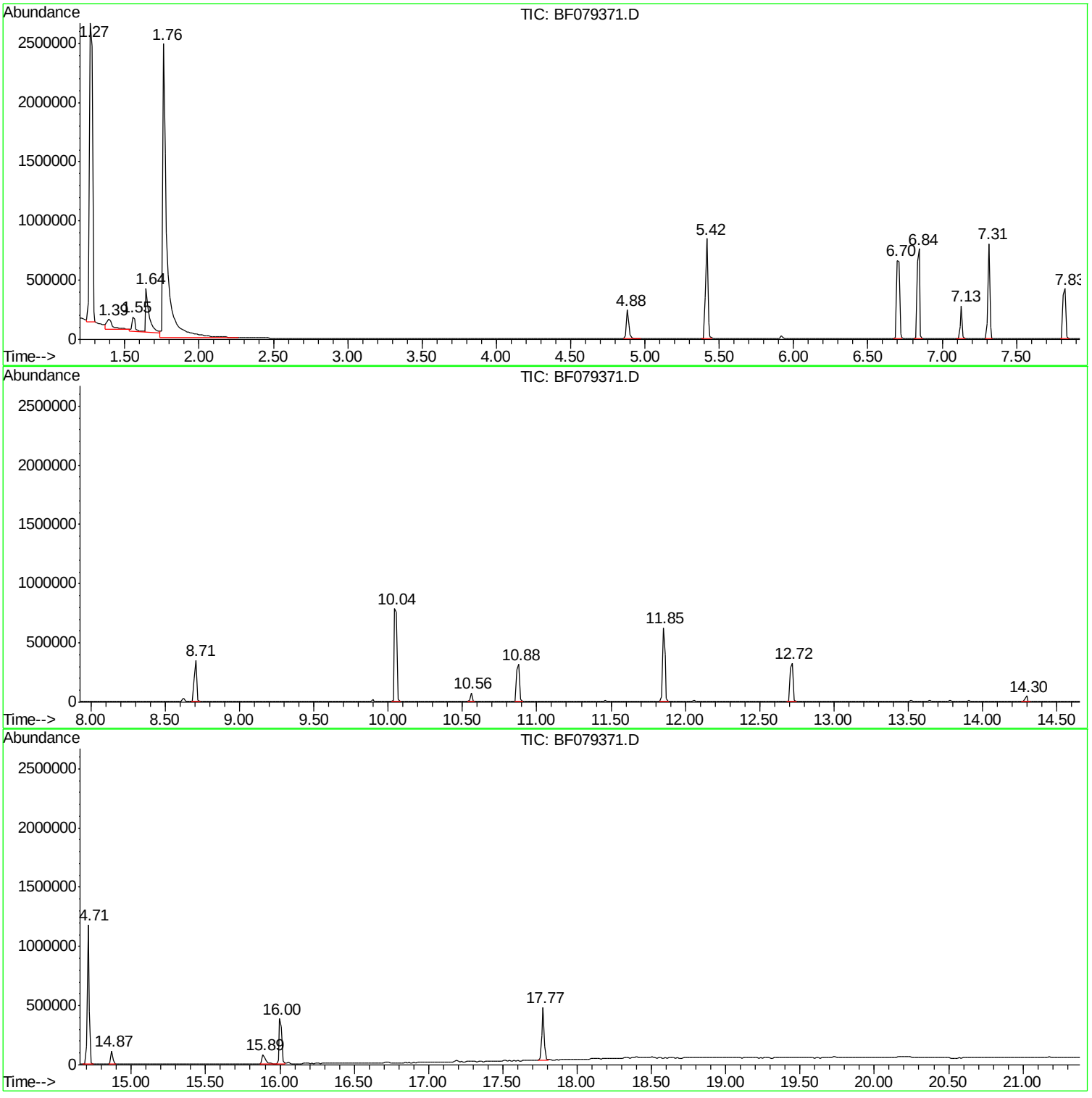
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-33D

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

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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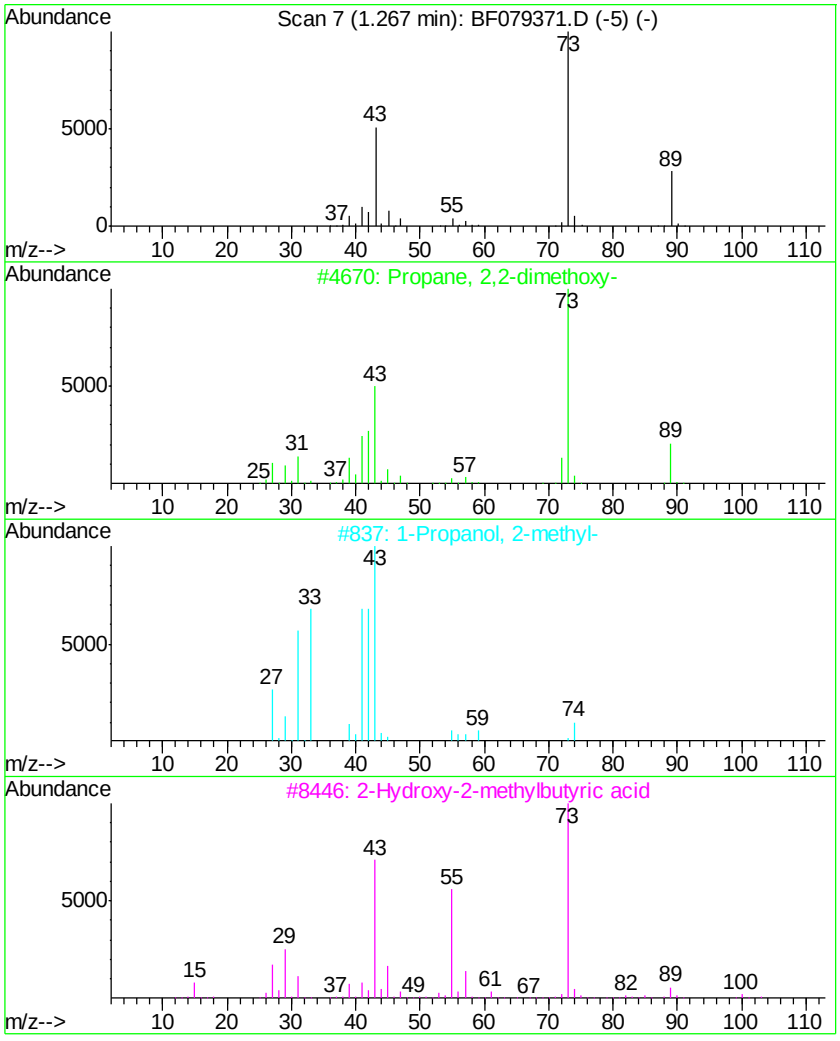
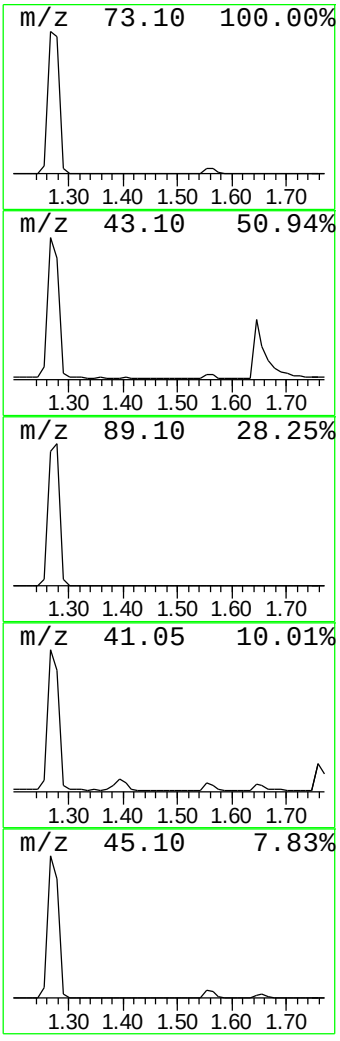
Peak Number 1 unknown1.27 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.27	253.25 ng	3495540	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	1-Propanol, 2-methyl-	74	C4H10O	000078-83-1	9
3	2-Hydroxy-2-methylbutyric acid	118	C5H10O3	003739-30-8	9
4	1-Hexen-4-ol, 1-chloro-3,5-dimet...	162	C8H15ClO	100244-09-5	9
5	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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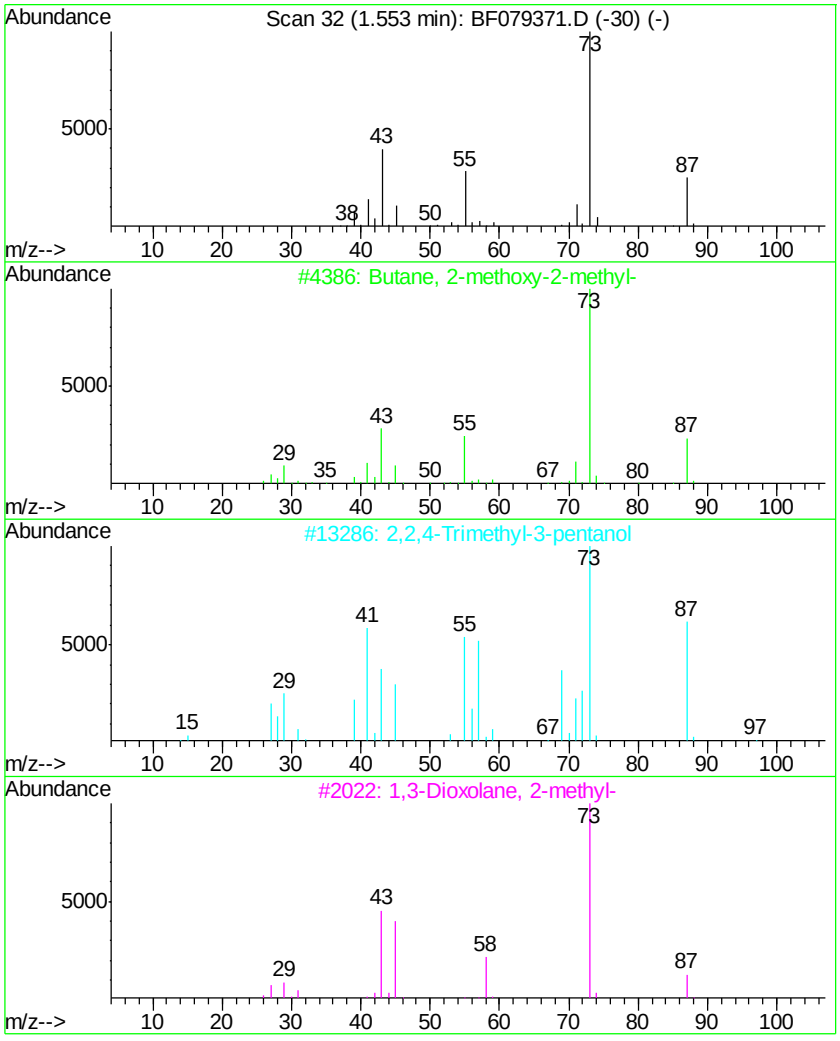
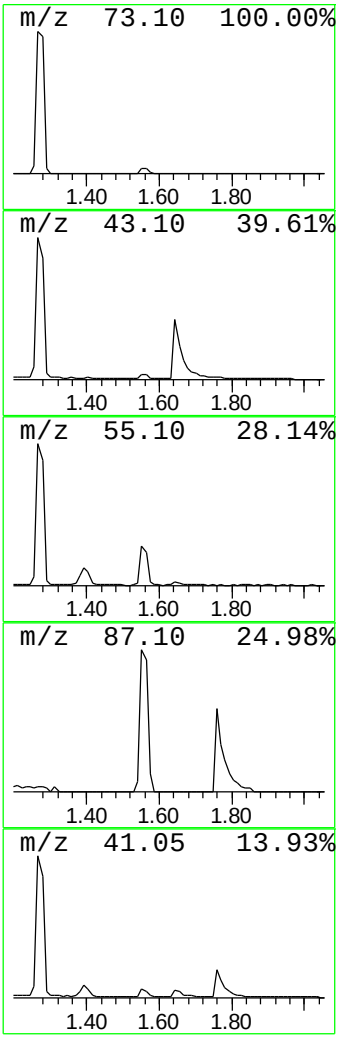
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.55	15.42 ng	212838	1,4-Dichlorobenzene-d4	7.13

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	39
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12
5	Silane, tetramethyl-	88	C4H12Si	000075-76-3	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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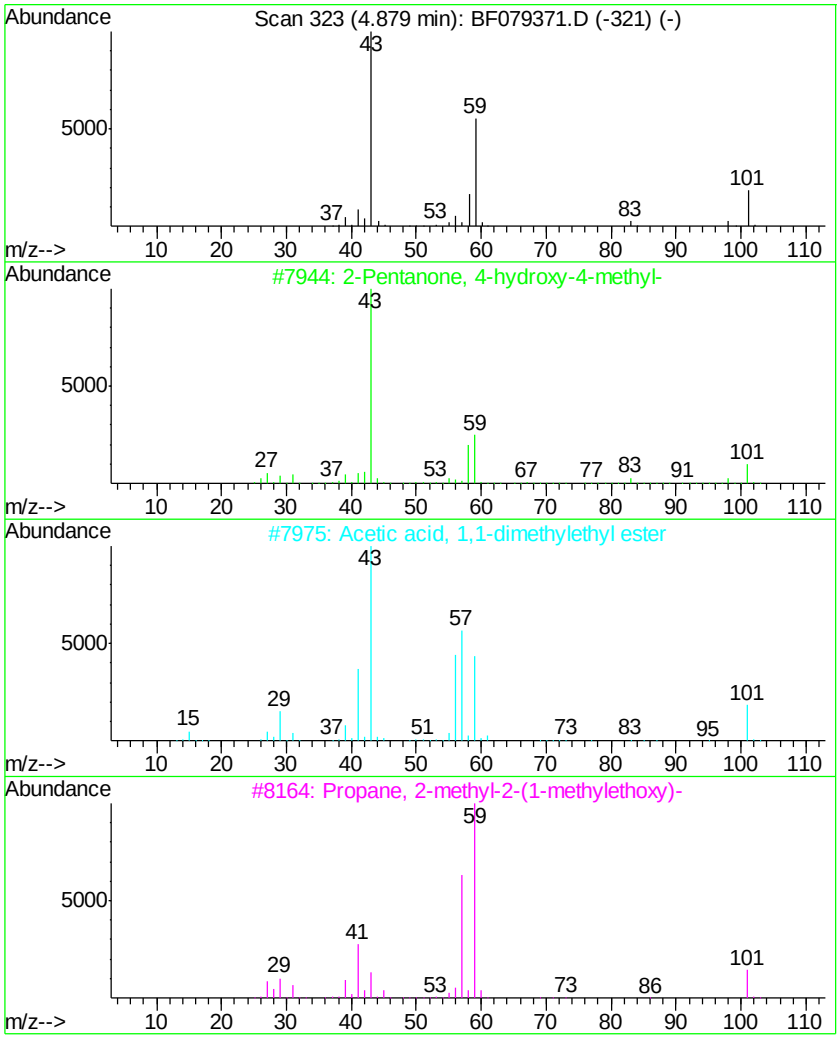
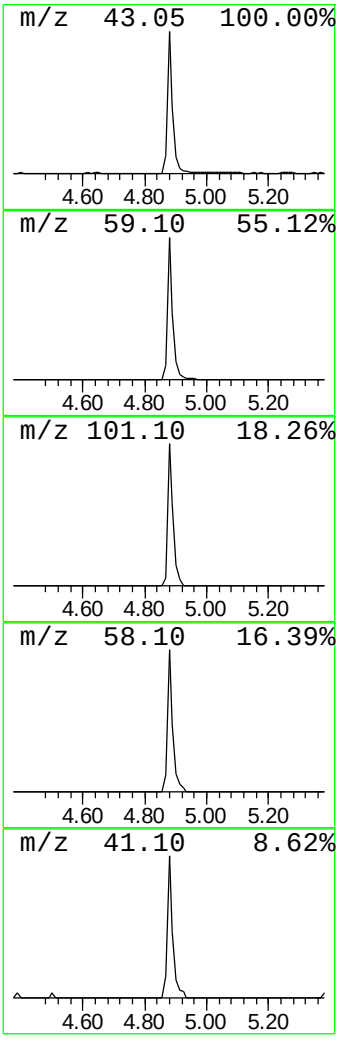
Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.88	21.37 ng	294948	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	33
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	25
5	1-Propen-2-ol, acetate	100	C5H8O2	000108-22-5	10





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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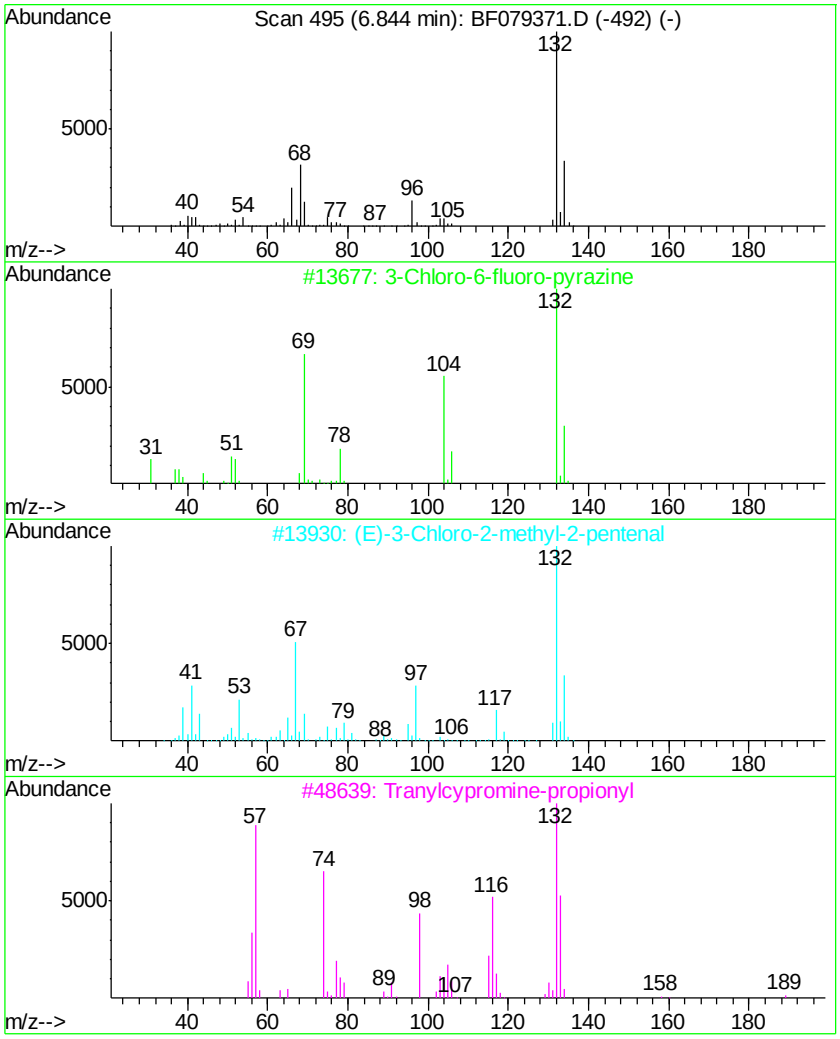
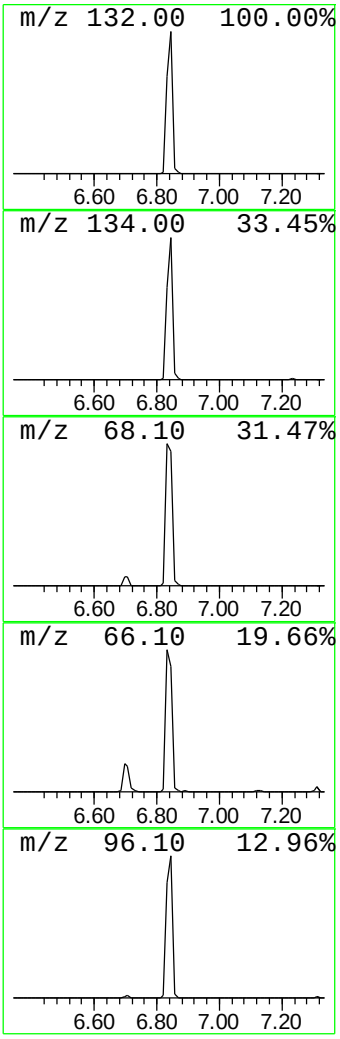
Peak Number 7 unknown6.84 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.84	72.47 ng	1000210	1,4-Dichlorobenzene-d4	7.13

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	38
2	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	12
3	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	12
4	Benzene, 1,3,5-trifluoro-	132	C6H3F3	000372-38-3	9
5	2H-Cyclopenta[d]pyridazine, 2-me...	132	C8H8N2	022291-85-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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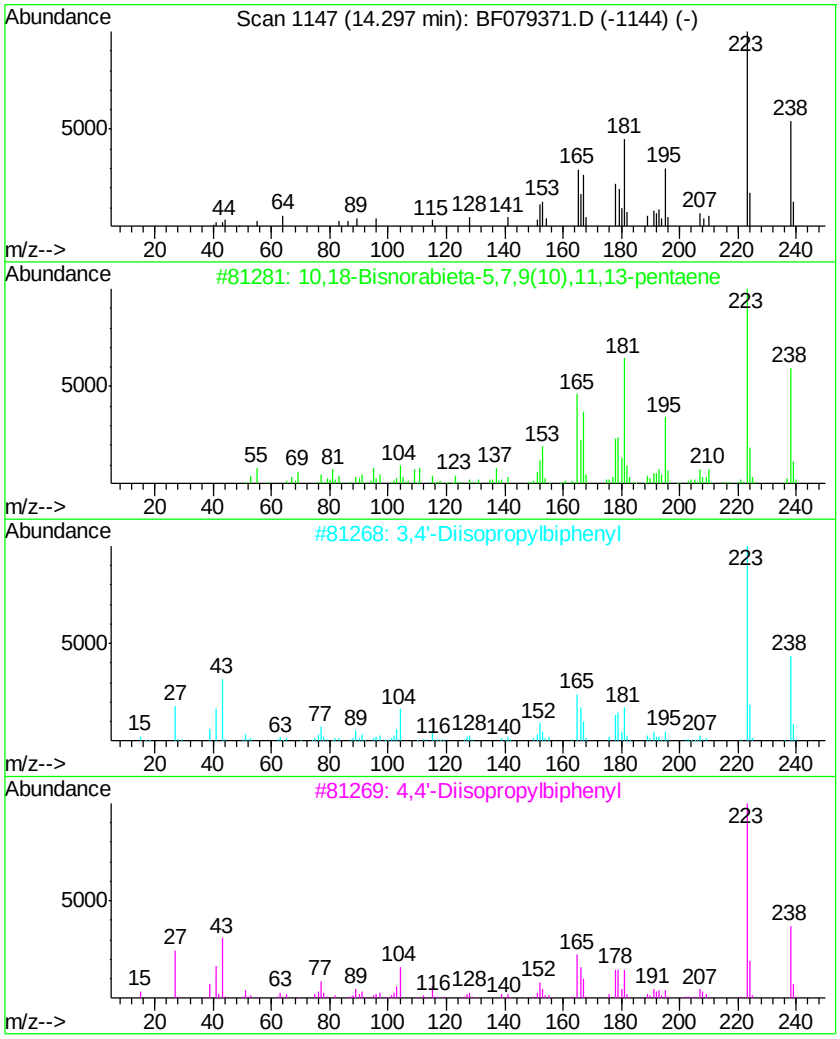
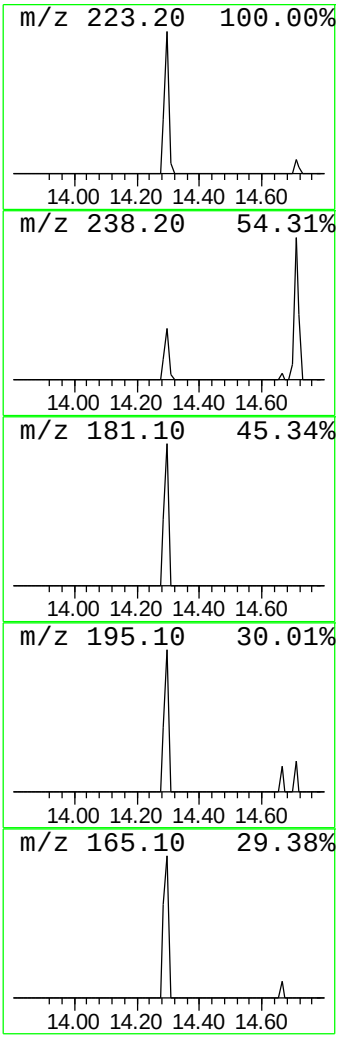
Peak Number 9 10,18-Bisnorabieta-5,7,9(10... Concentration Rank 11

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.30	2.34 ng	51280	Phenanthrene-d10	12.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	10,18-Bisnorabieta-5,7,9(10),11,...	238	C18H22	006566-19-4	99
2	3,4'-Diisopropylbiphenyl	238	C18H22	061434-46-6	94
3	4,4'-Diisopropylbiphenyl	238	C18H22	018970-30-4	50
4	3-(N,N-Diethylamino)carbazole	238	C16H18N2	054994-31-9	47
5	3,3'-Diacetylbiphenyl	238	C16H14O2	094113-07-2	43





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Sample : G2289-07
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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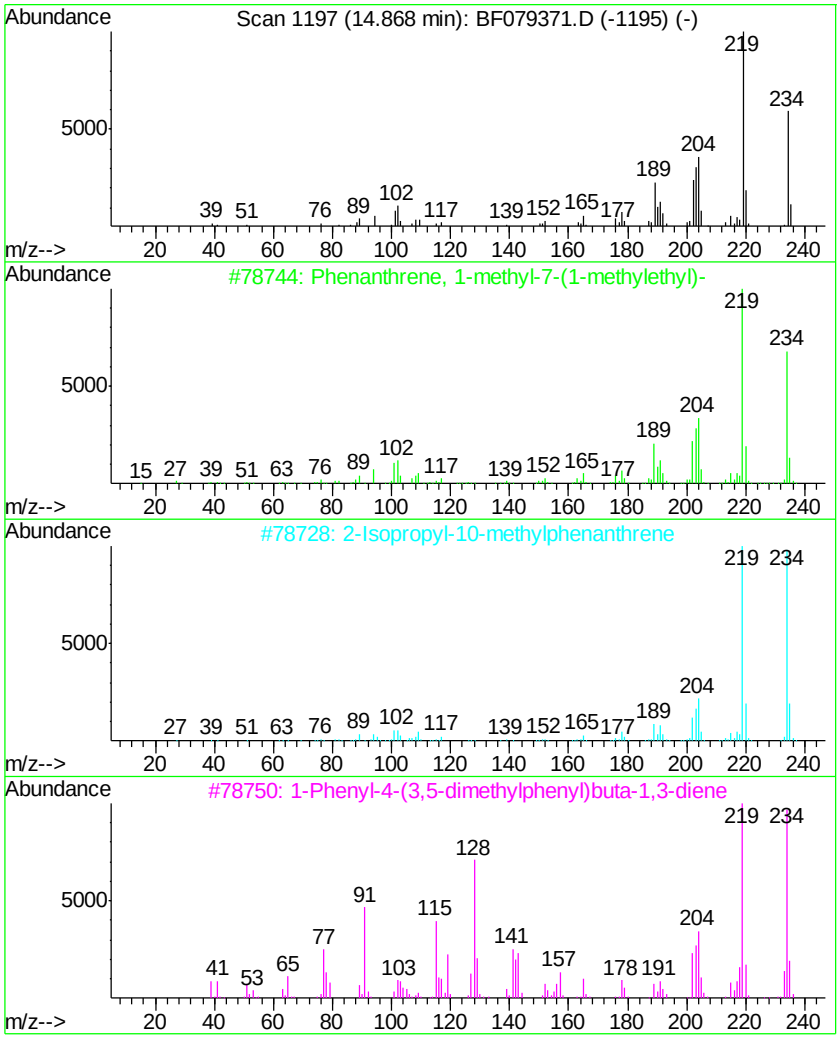
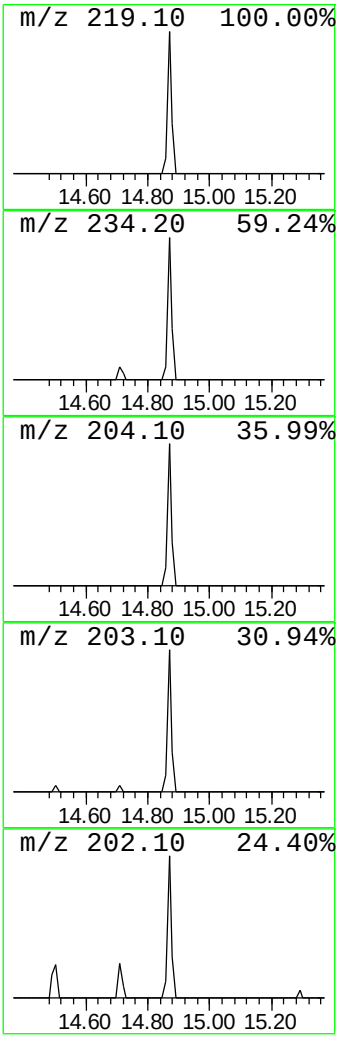
Peak Number 10 Phenanthrene, 1-methyl-7-(1... Concentration Rank 10

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.87	4.25 ng	107583	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenanthrene, 1-methyl-7-(1-meth...	234	C18H18	000483-65-8	98
2	2-Isopropyl-10-methylphenanthrene	234	C18H18	066552-97-4	93
3	1-Phenyl-4-(3,5-dimethylphenyl)b...	234	C18H18	1000202-15-0	83
4	1-(10-Methylanthracen-9-yl)ethanone	234	C17H14O	036778-18-4	58
5	Phenol, 2,6-bis(1,1-dimethylethy...	234	C16H26O	004130-42-1	49





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Operator : TP/IZ
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Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SB-33D

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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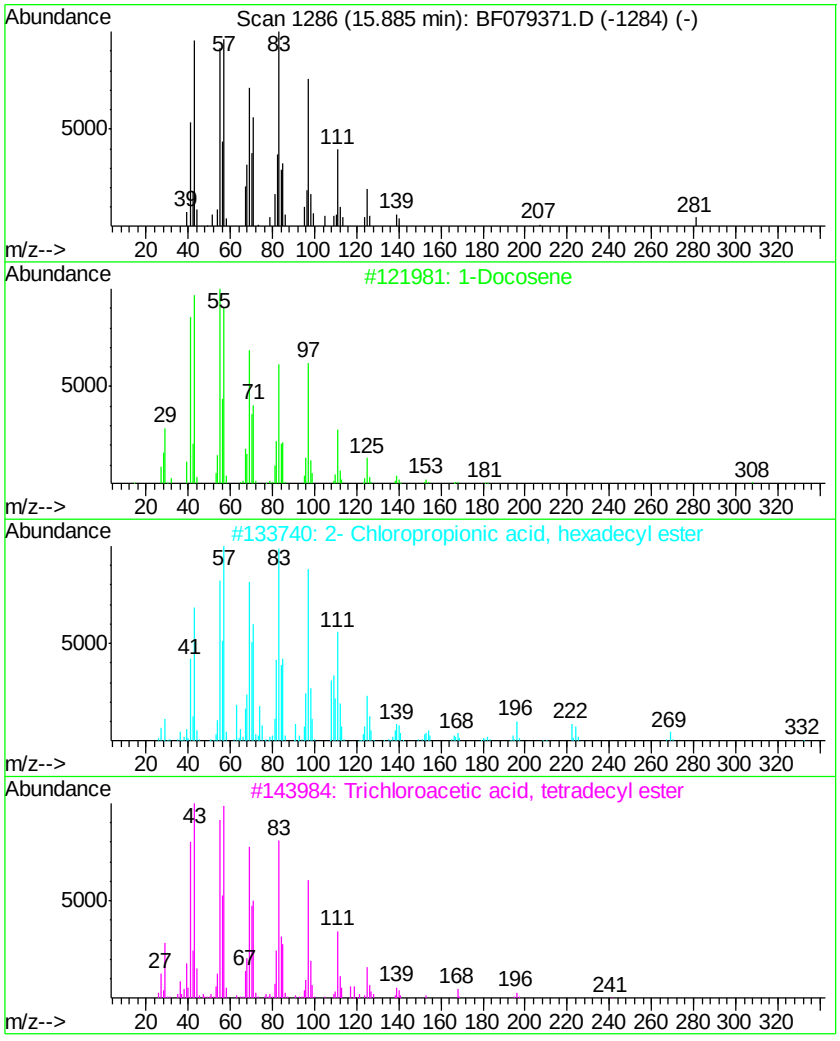
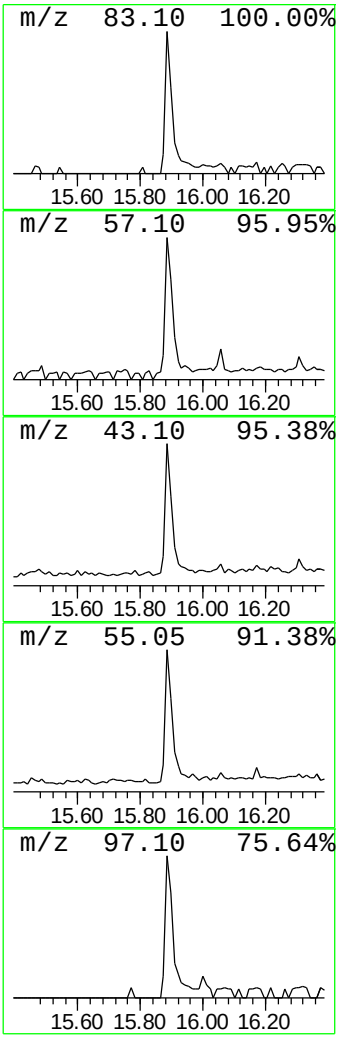
Peak Number 11 1-Docosene Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.89	5.11 ng	129376	Chrysene-d12	16.00

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Docosene	308	C22H44	001599-67-3	91
2	2- Chloropropionic acid, hexadec...	332	C19H37ClO2	086711-81-1	91
3	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	91
4	1-Hexacosanol	382	C26H54O	000506-52-5	90
5	1-Tetracosanol	354	C24H50O	000506-51-4	90





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051915\
Data File : BF079371.D
Acq On : 20 May 2015 7:21
Operator : TP/IZ
Sample : G2289-07
Misc :
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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
unknown1.27	1.27	253.3	ng	3495540	1	7.13	276054	20.0
Butane, 2-methoxy...	1.55	15.4	ng	212838	1	7.13	276054	20.0
2-Pentanone, 4-hy...	4.88	21.4	ng	294948	1	7.13	276054	20.0
unknown6.84	6.84	72.5	ng	1000210	1	7.13	276054	20.0
10,18-Bisnorabiet...	14.30	2.3	ng	51280	4	12.72	438935	20.0
Phenanthrene, 1-m...	14.87	4.3	ng	107583	5	16.00	505969	20.0
1-Docosene	15.89	5.1	ng	129376	5	16.00	505969	20.0