LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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	1.564	30	33	36	rVB	383364	552869	20.81%	2.461%
2	1.735	45	48	51	rBV	743783	934741	35.19%	4.161%
3	1.850	56	58	95	rVB	1177286	2133724	80.33%	9.497%
4	5.073	339	340	346	rBV	41217	58342	2.20%	0.260%
5	5.576	382	384	387	rBV	593373	804265	30.28%	3.580%
6	6.845	493	495	498	rBV	650305	568830	21.41%	2.532%
7	6.993	505	508	511	rBV	1710664	1569816	59.10%	6.987%
8	7.279	531	533	536	rBV	577756	541138	20.37%	2.409%
9	7.473	547	550	552	rVB	1123666	1413604	53.22%	6.292%
10	7.976	591	594	596	rBV	1284950	1255285	47.26%	5.587%
11	8.856	669	671	674	rVB	896969	773792	29.13%	3.444%
12	10.045	773	775	778	rBV	121019	150802	5.68%	0.671%
13	10.205	786	789	791	rBV	2765779	2590028	97.50%	11.528%
14	10.708	831	833	836	rBV	25257	26710	1.01%	0.119%
15	11.028	859	861	864	rVB	713603	880670	33.15%	3.920%
16	11.462	894	899	900	rBV5	11659	31542	1.19%	0.140%
17	11.554	903	907	908	rBV2	15872	41122	1.55%	0.183%
18	11.588	908	910	912	rVB	175439	171394	6.45%	0.763%
19	11.725	920	922	927	rVB6	12459	29470	1.11%	0.131%
20	11.931	938	940	942	rBV	45134	46568	1.75%	0.207%
21	12.011	945	947	950	rVB	1486361	1564327	58.89%	6.963%
22	12.331	972	975	976	rBV3	13285	28544	1.07%	0.127%
23	12.434	982	984	986	rBV	47045	54091	2.04%	0.241%
24	12.582	992	997	1000	rBV3	30483	69695	2.62%	0.310%
25	12.879	1020	1023	1025	rBV	873268	917795	34.55%	4.085%
26	13.622	1087	1088	1096	rVB2	19683	50296	1.89%	0.224%
27	14.868	1195	1197	1200	rBV	2123578	2656327	100.00%	11.823%
28	16.034	1297	1299	1306	rBV	126307	185677	6.99%	0.826%
29	16.160	1308	1310	1313	rBV	777773	1056611	39.78%	4.703%
30	16.846	1368	1370	1374	rBV5	16372	39826	1.50%	0.177%
31	17.886	1458	1461	1464	rBV	876154	1120632	42.19%	4.988%
32	18.206	1487	1489	1493	rVB4	35219	69777	2.63%	0.311%
33	20.972	1728	1731	1735	rVB3	29414	78586	2.96%	0.350%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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

Sum of corrected areas: 22466896

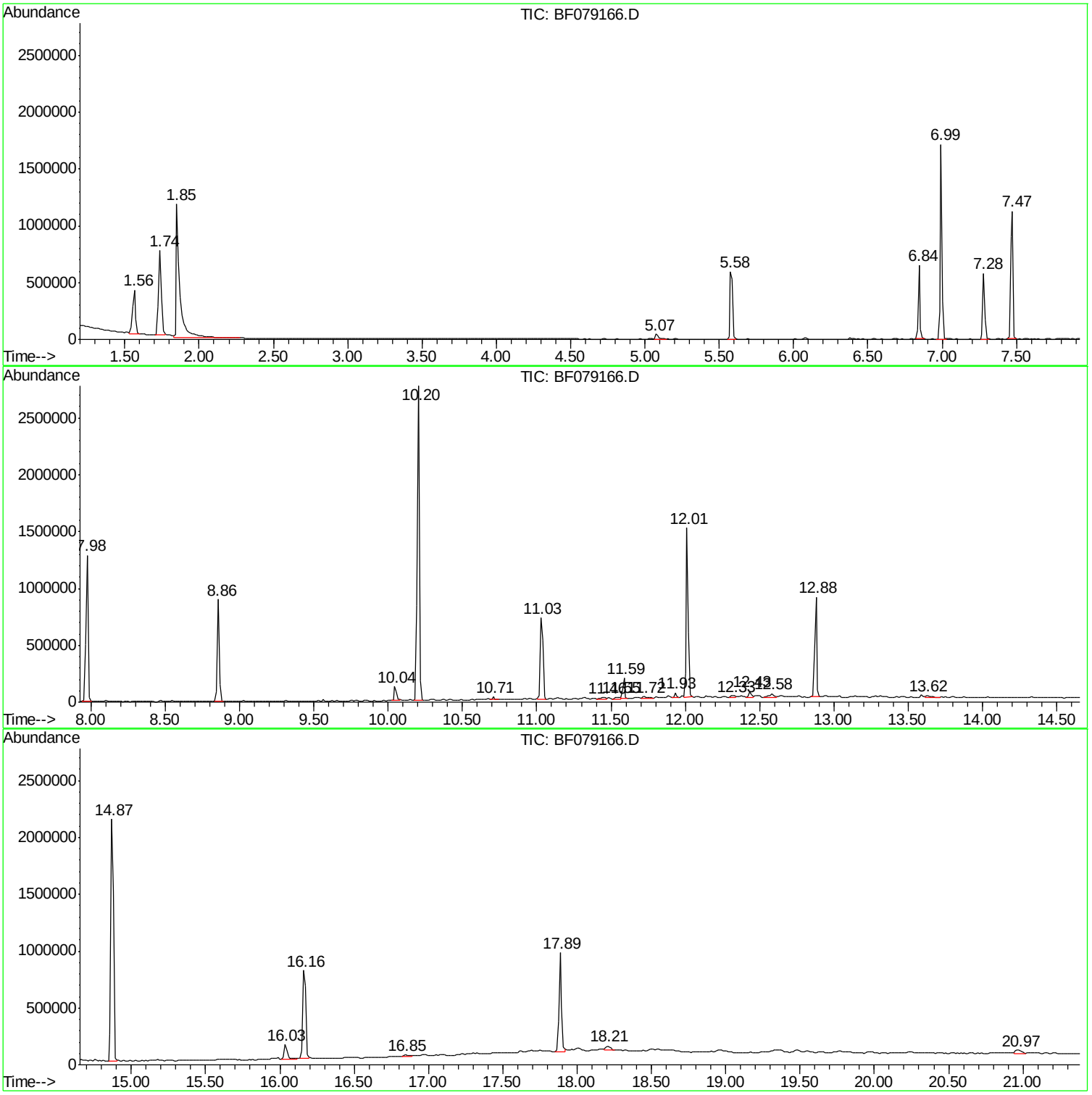
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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

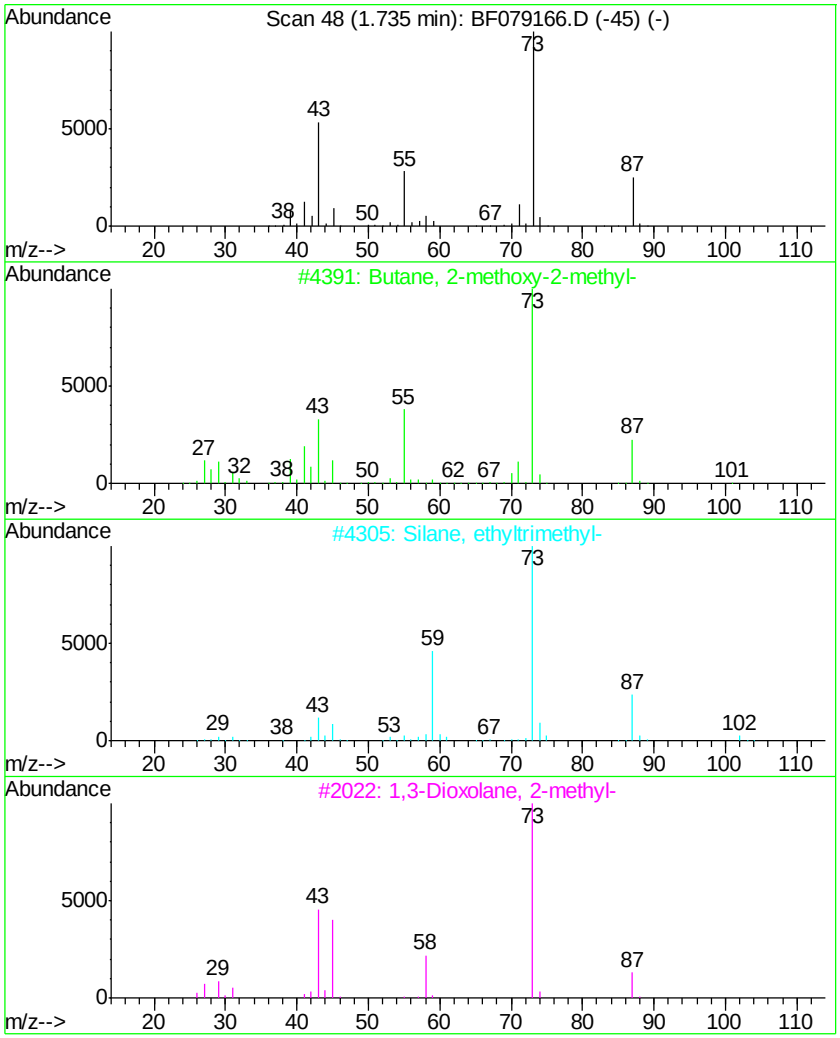
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

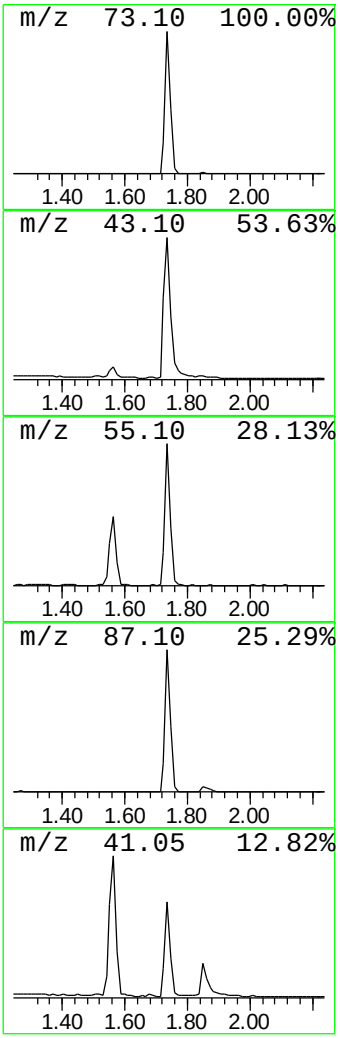
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.74	34.55 ng	934741	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	64
2	Silane, ethyltrimethyl-	102	C5H14Si	003439-38-1	36
3	1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	25
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	12





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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

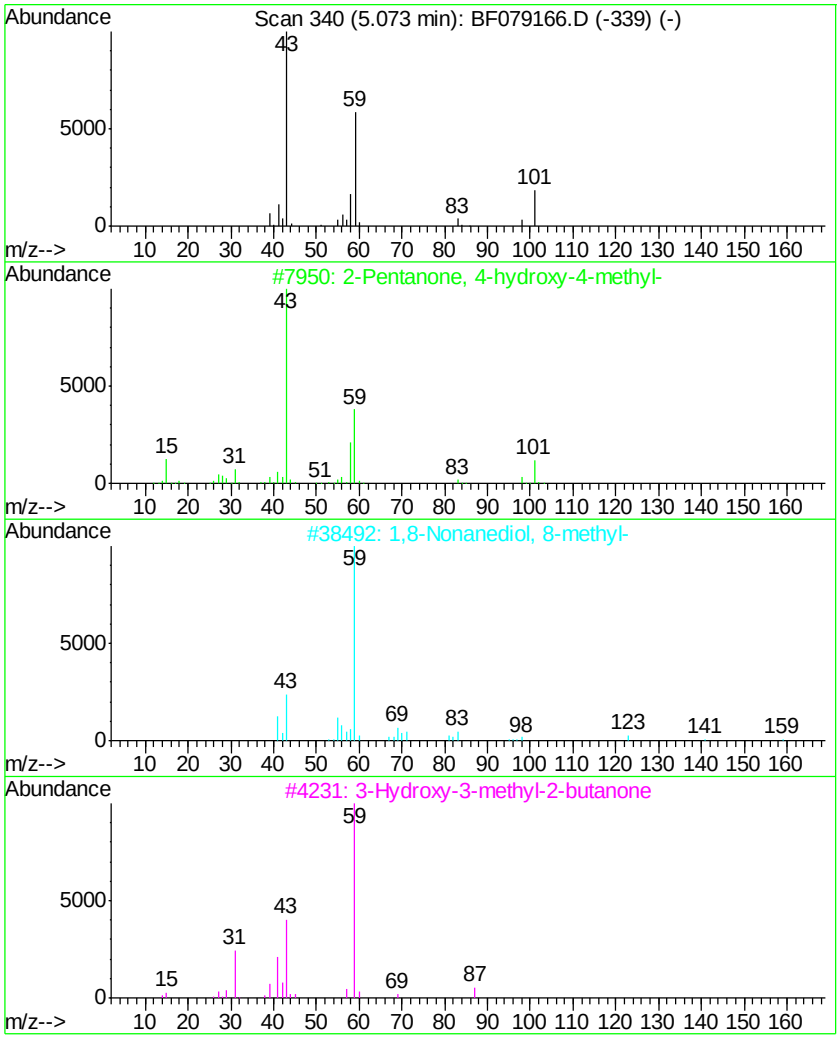
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

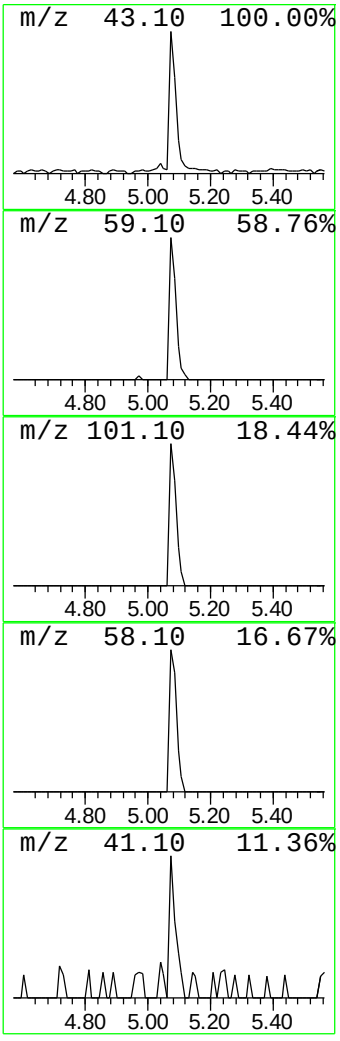
****

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

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.07	2.16 ng	58342	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	33
2	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	28
3	3-Hydroxy-3-methyl-2-butanone	102	C5H10O2	000115-22-0	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	17
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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

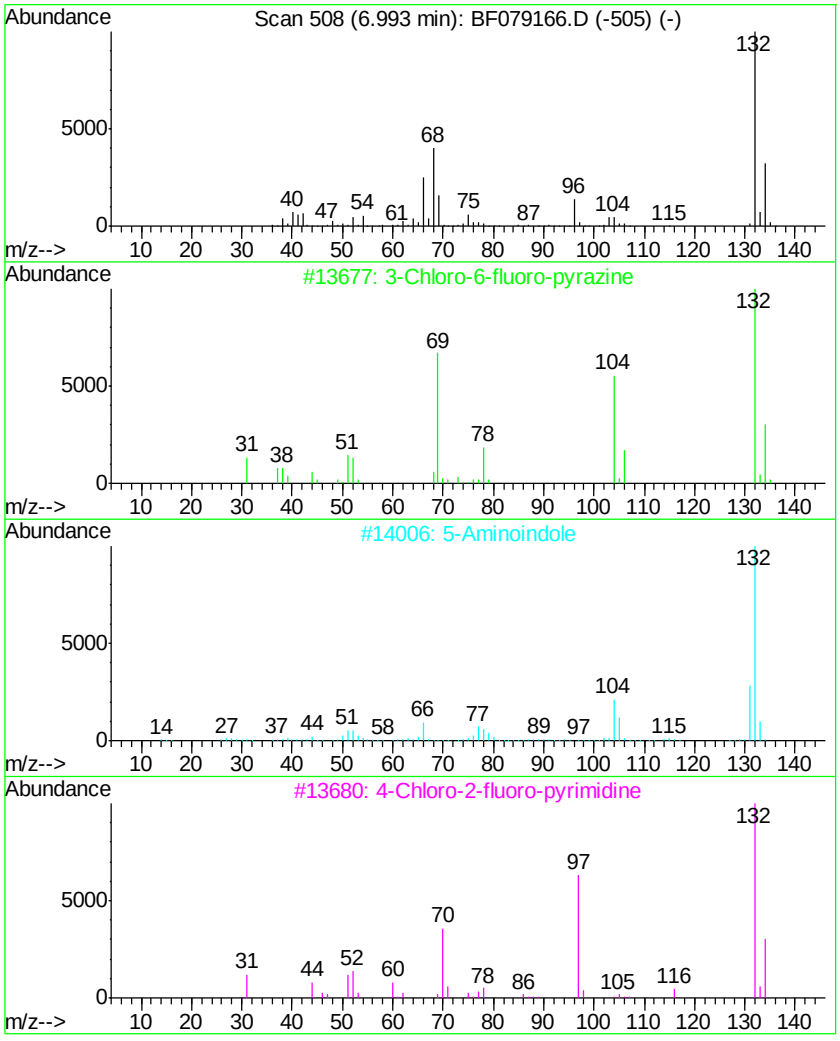
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

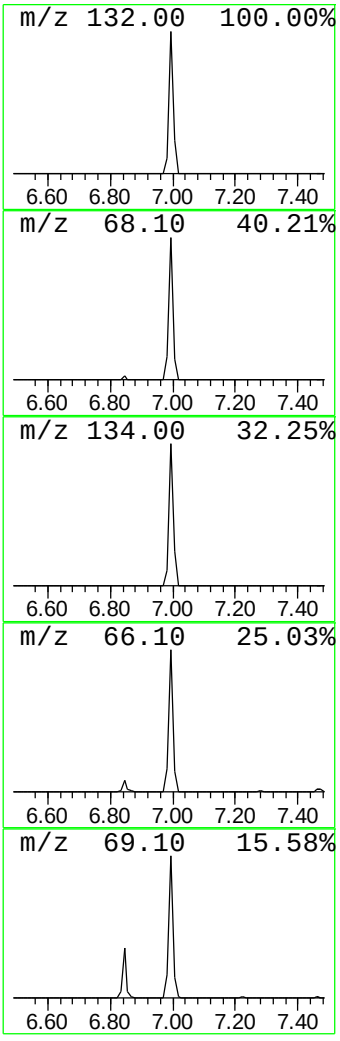
****

Peak Number 5 unknown6.99 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.99	58.02 ng	1569820	1,4-Dichlorobenzene-d4	7.28

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	27
2	5-Aminoindole	132	C8H8N2	005192-03-0	12
3	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9
4	(E)-3-Chloro-2-methyl-2-pentenal	132	C6H9ClO	031357-76-3	9
5	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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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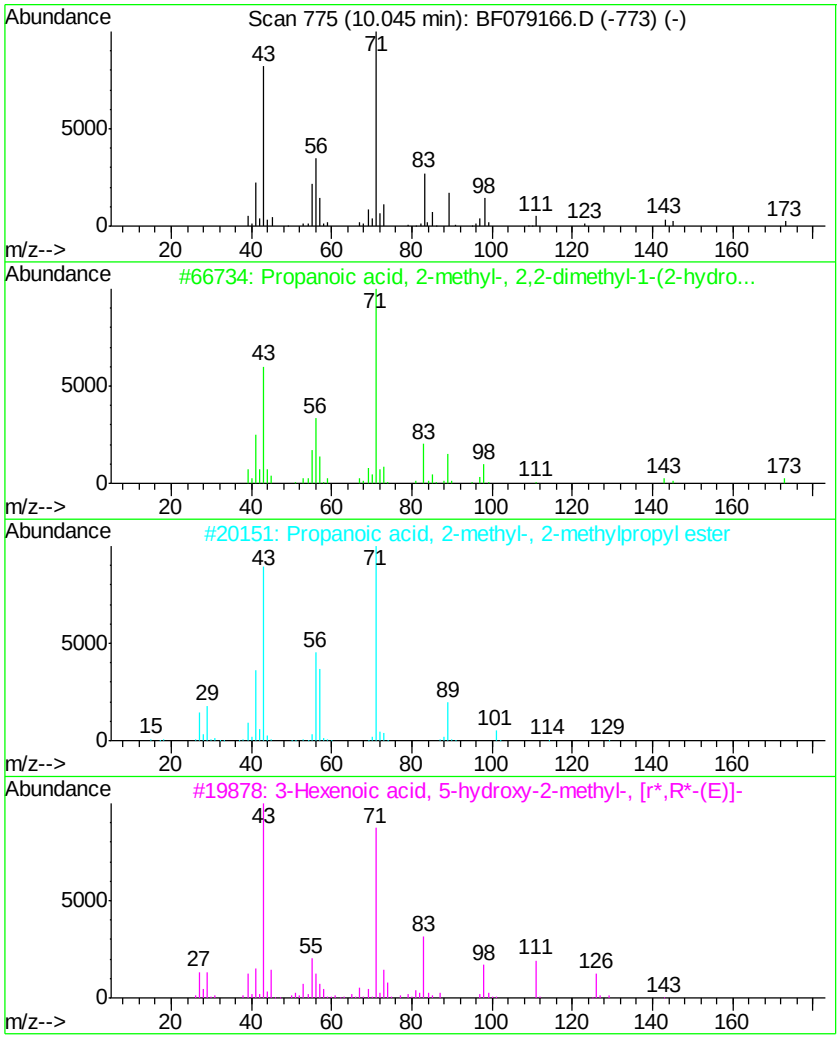
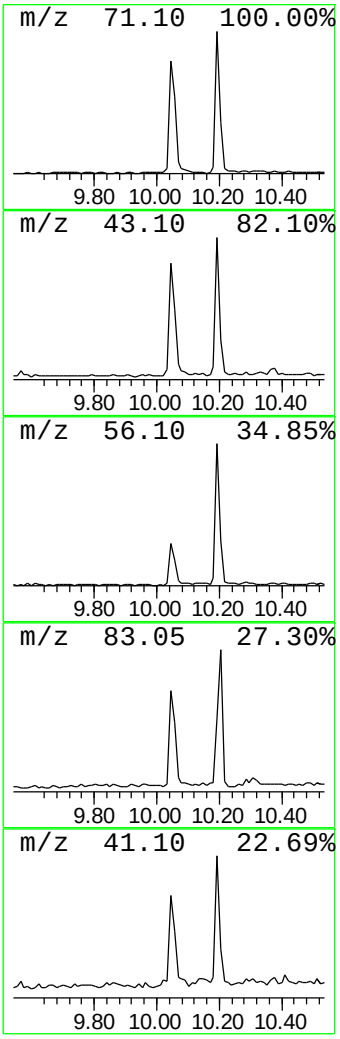
Peak Number 7 Propanoic acid, 2-methyl-, ... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.04	3.42 ng	150802	Acenaphthene-d10	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanoic acid, 2-methyl-, 2,2-d...	216	C12H24O3	074367-33-2	87
2	Propanoic acid, 2-methyl-, 2-met...	144	C8H16O2	000097-85-8	50
3	3-Hexenoic acid, 5-hydroxy-2-met...	144	C7H12O3	110678-36-9	45
4	Butanoic acid, 1-methylethyl ester	130	C7H14O2	000638-11-9	43
5	Butanoic acid, 2-methylpropyl ester	144	C8H16O2	000539-90-2	40





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Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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

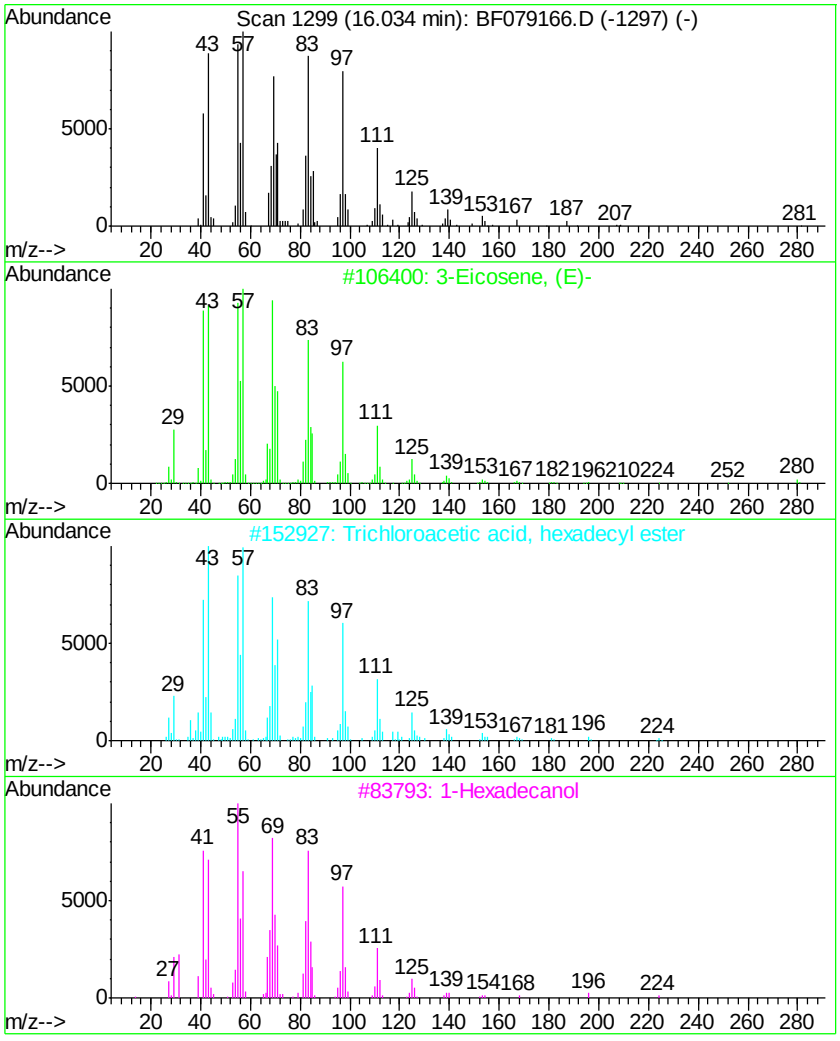
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

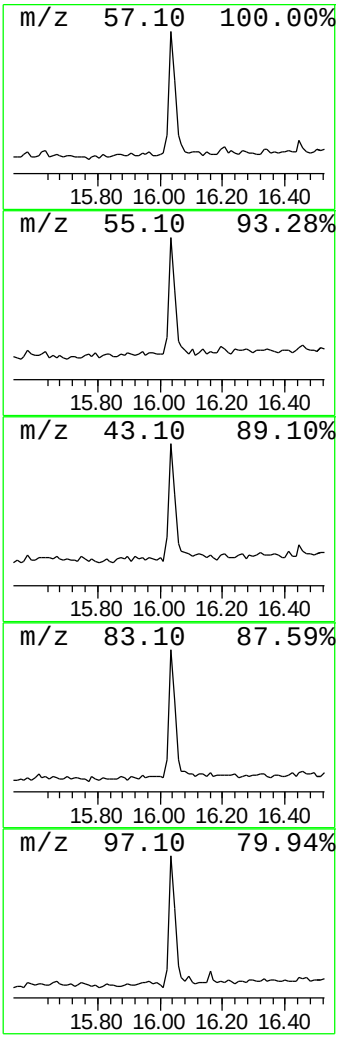
****

Peak Number 8 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
16.03	3.51 ng	185677	Chrysene-d12	16.16

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
3	1-Hexadecanol	242	C16H34O	036653-82-4	90
4	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	90
5	Trichloroacetic acid, tetradecyl...	358	C16H29Cl3O2	074339-52-9	87





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF051215\
Data File : BF079166.D
Acq On : 12 May 2015 19:16
Operator : TP/IZ
Sample : G2104-04
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : MW-104

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
Butane, 2-methoxy...	1.74	34.5	ng	934741	1	7.28	541138	20.0
2-Pentanone, 4-hy...	5.07	2.2	ng	58342	1	7.28	541138	20.0
unknown6.99	6.99	58.0	ng	1569820	1	7.28	541138	20.0
Propanoic acid, 2...	10.04	3.4	ng	150802	3	11.03	880670	20.0
3-Eicosene, (E)-	16.03	3.5	ng	185677	5	16.16	1056610	20.0