LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF071315\
Data File : BF080443.D
Acq On : 13 Jul 2015 23:27
Operator : TP/UM
Sample : G2945-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

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-BF071015.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	2.155	4	6	14	rBV	41629	61033	7.55%	1.272%
2	2.270	14	16	22	rVB	320052	408970	50.60%	8.524%
3	5.356	283	286	297	rBV	47216	68827	8.52%	1.435%
4	5.767	320	322	331	rBB	185122	192024	23.76%	4.002%
5	6.156	354	356	360	rBB	11811	15665	1.94%	0.326%
6	6.784	409	411	417	rBB	78406	113333	14.02%	2.362%
7	6.910	420	422	425	rBV	456174	378547	46.84%	7.890%
8	7.127	440	441	444	rBB	71936	94751	11.72%	1.975%
9	7.287	454	455	458	rBB	300827	316028	39.10%	6.587%
10	7.699	489	491	493	rBV	338440	270450	33.46%	5.637%
11	8.419	552	554	557	rBV	168409	144016	17.82%	3.002%
12	9.493	646	648	650	rVB	812301	620536	76.78%	12.933%
13	9.893	681	683	684	rBB	12295	12456	1.54%	0.260%
14	10.179	706	708	710	rVB	220961	180549	22.34%	3.763%
15	10.888	768	770	772	rBB	16548	12838	1.59%	0.268%
16	10.968	775	777	780	rBB	429034	366795	45.38%	7.645%
17	11.665	837	838	841	rBB	149983	189013	23.39%	3.939%
18	12.248	887	889	891	rVB	12817	12880	1.59%	0.268%
19	13.288	978	980	982	rBV	948006	808189	100.00%	16.844%
20	14.282	1065	1067	1070	rBV	20955	27550	3.41%	0.574%
21	14.511	1084	1087	1089	rBV	172060	244368	30.24%	5.093%
22	16.271	1238	1241	1244	rBV	201623	259153	32.07%	5.401%

Sum of corrected areas: 4797971

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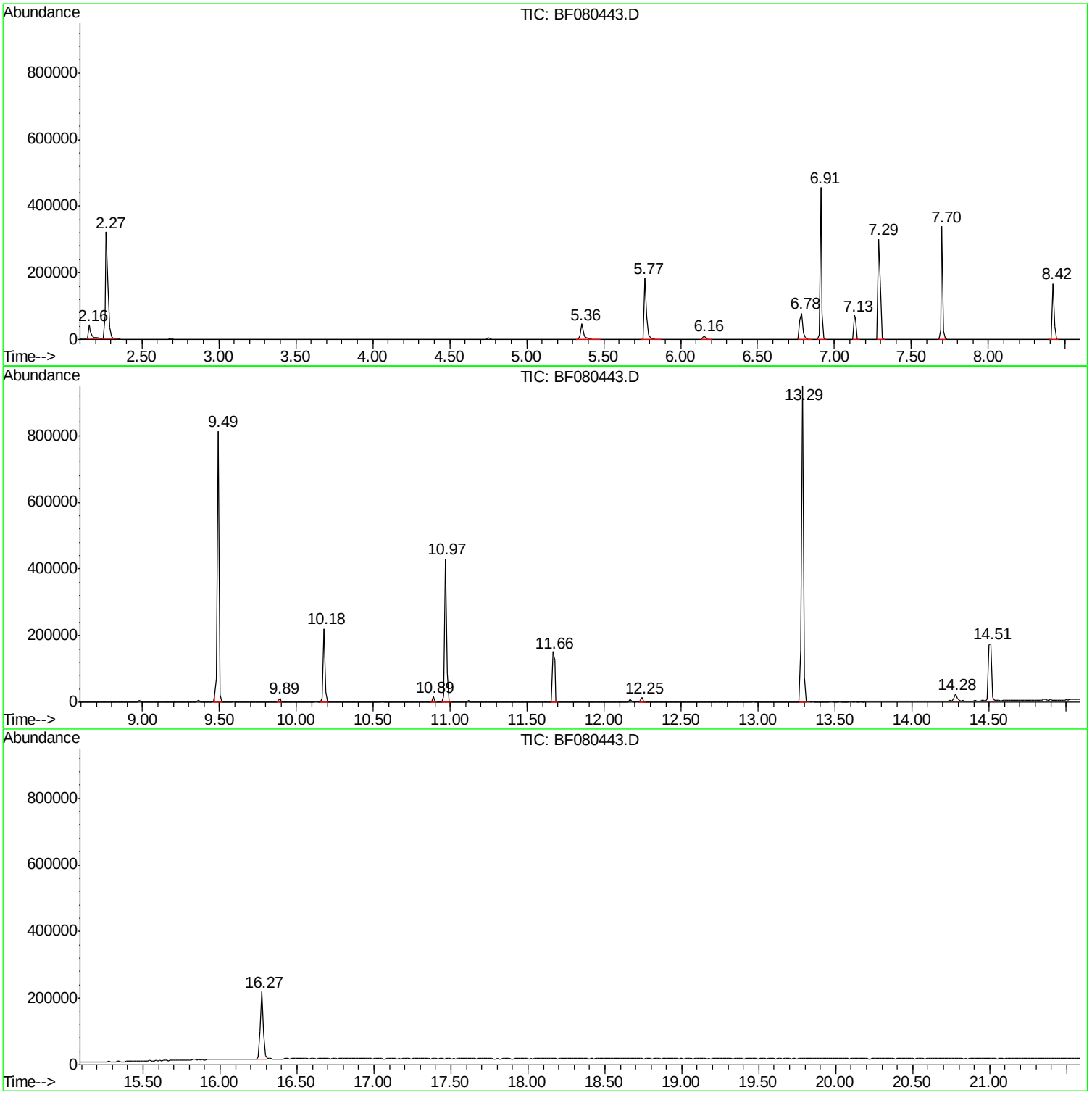
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

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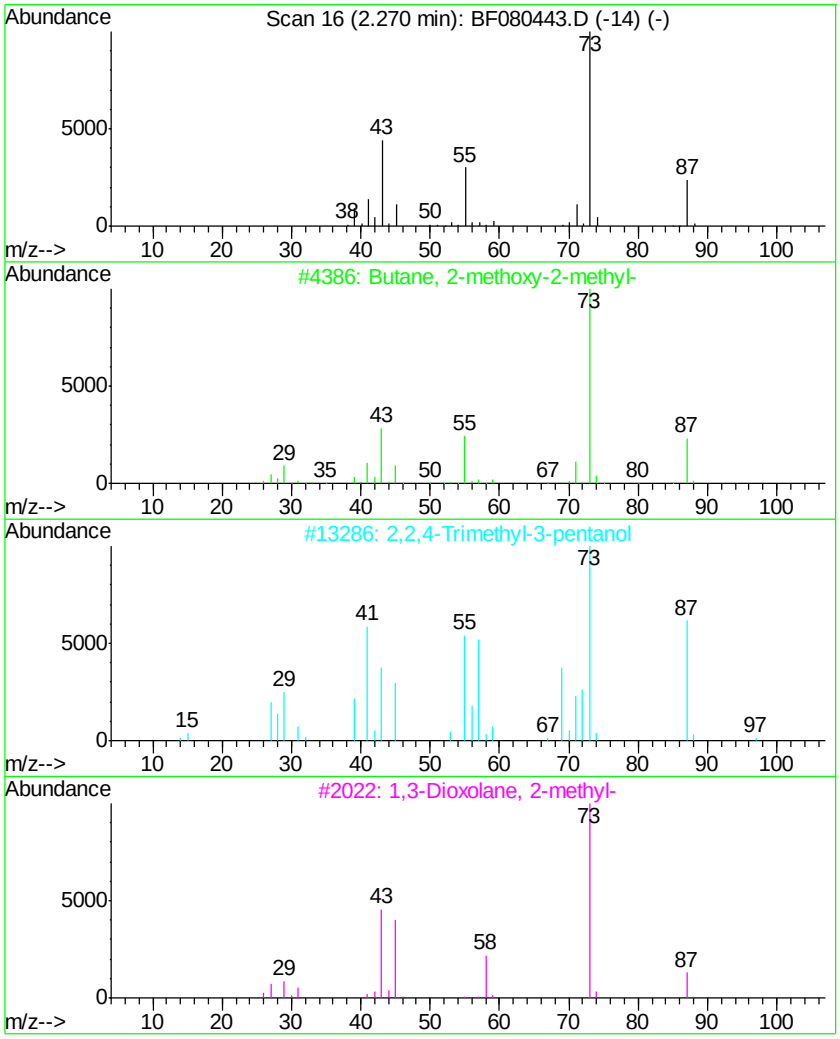
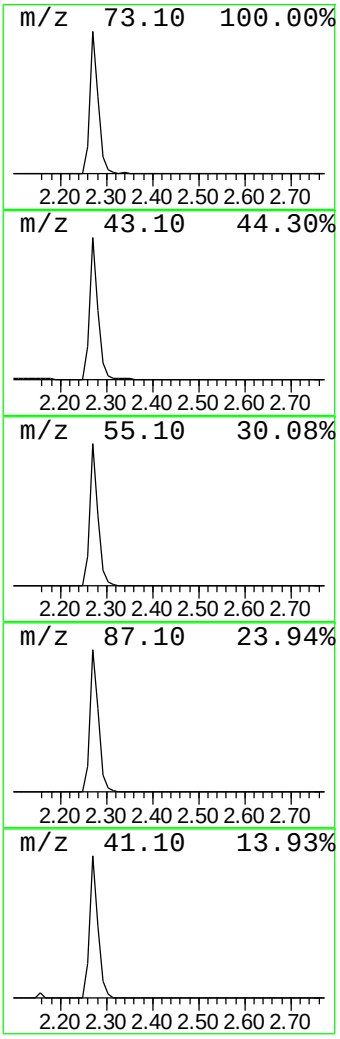
Peak Number 2 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.27	86.33 ng	408970	1,4-Dichlorobenzene-d4	7.14

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	12





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Operator : TP/UM
Sample : G2945-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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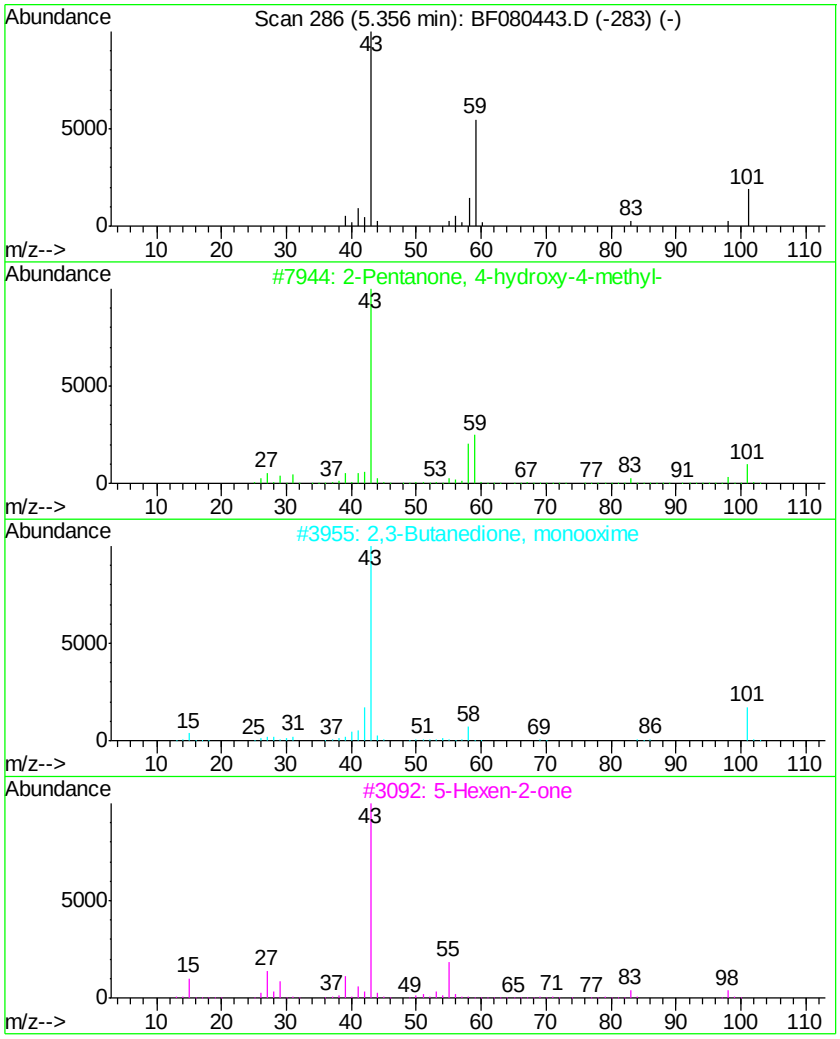
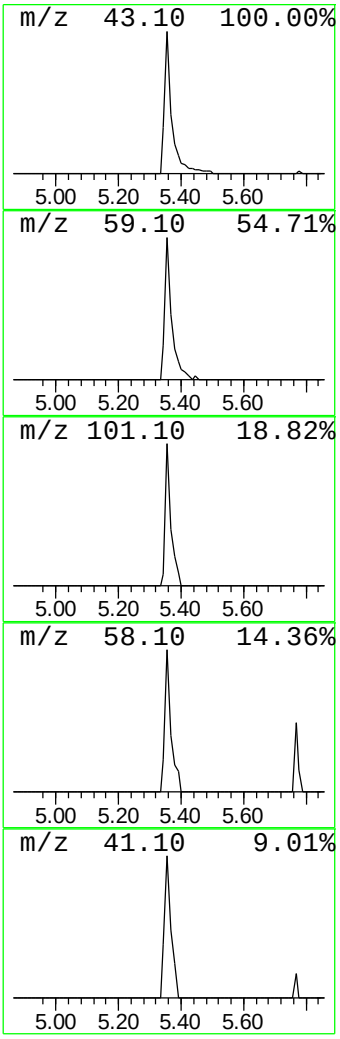
Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.36	14.53 ng	68827	1,4-Dichlorobenzene-d4	7.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	64
2	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9
3	5-Hexen-2-one	98	C6H10O	000109-49-9	9
4	Diacetamide	101	C4H7NO2	000625-77-4	9
5	4-Hydroxy-3-hexanone	116	C6H12O2	004984-85-4	9





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Data File : BF080443.D
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Sample : G2945-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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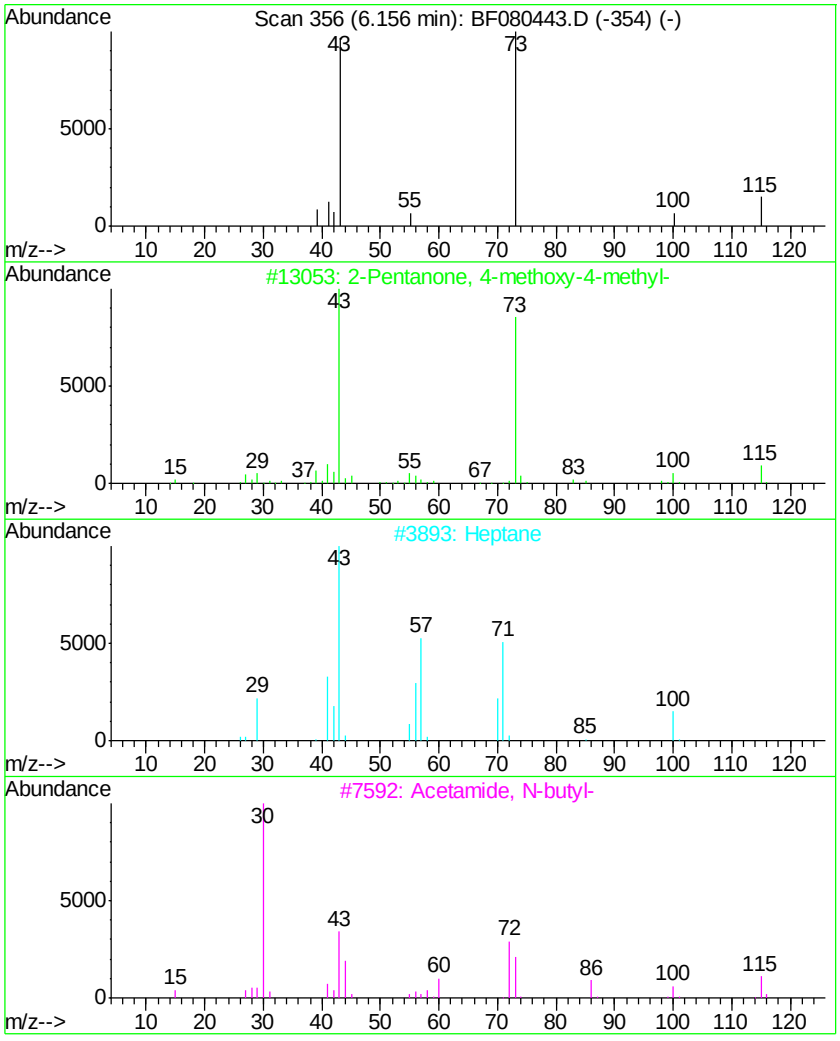
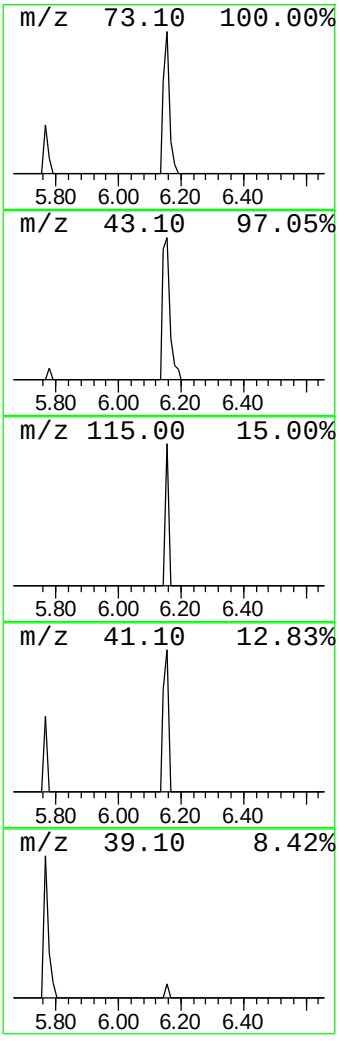
Peak Number 4 2-Pentanone, 4-methoxy-4-me... Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.16	3.31 ng	15665	1,4-Dichlorobenzene-d4	7.14

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-methoxy-4-methyl-	130	C7H14O2	000107-70-0	64
2	Heptane	100	C7H16	000142-82-5	4
3	Acetamide, N-butyl-	115	C6H13NO	001119-49-9	4
4	1H-Tetrazole-1,5-diamine	100	CH4N6	002165-21-1	4
5	Methyl Isobutyl Ketone	100	C6H12O	000108-10-1	4





Library Search Compound Report

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Sample : G2945-16
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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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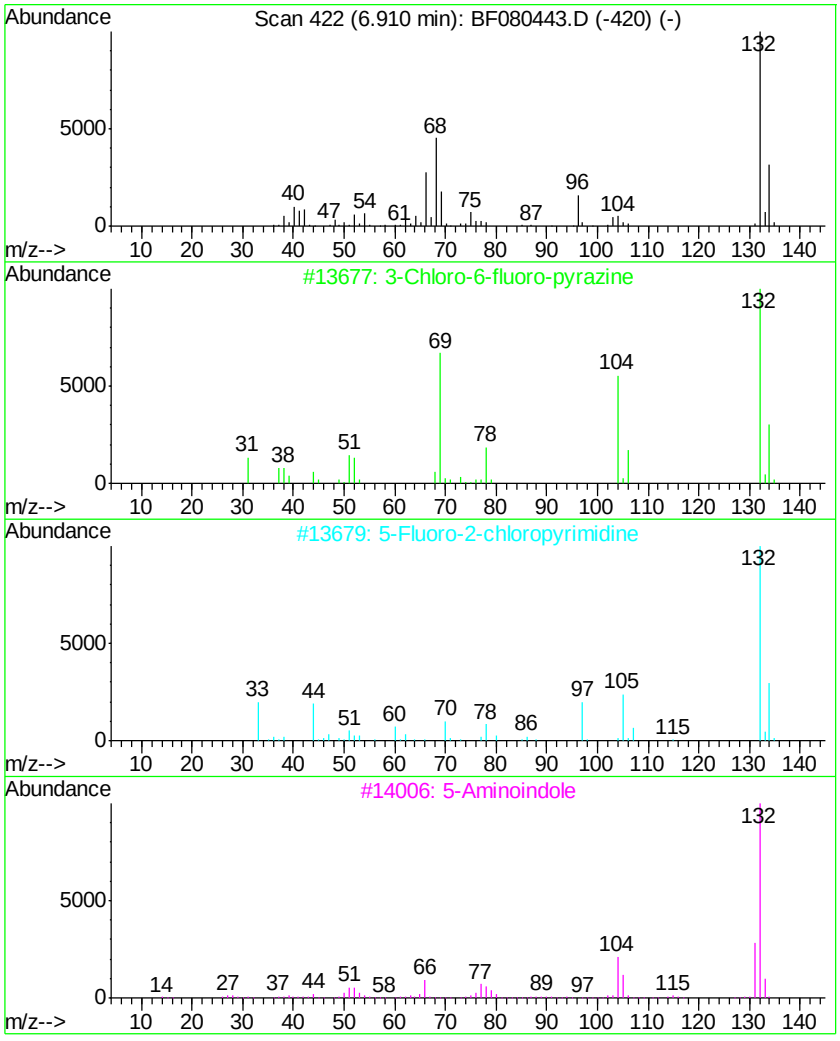
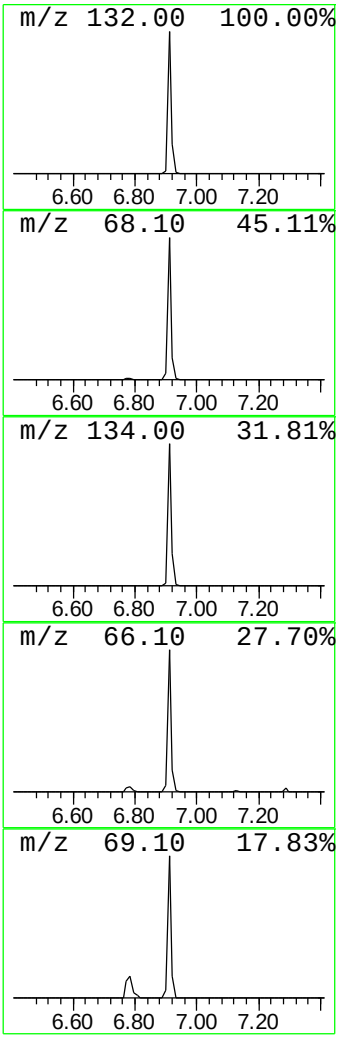
Peak Number 5 unknown6.91 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.91	79.90 ng	378547	1,4-Dichlorobenzene-d4	7.14

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	16
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9





Library Search Compound Report

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Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

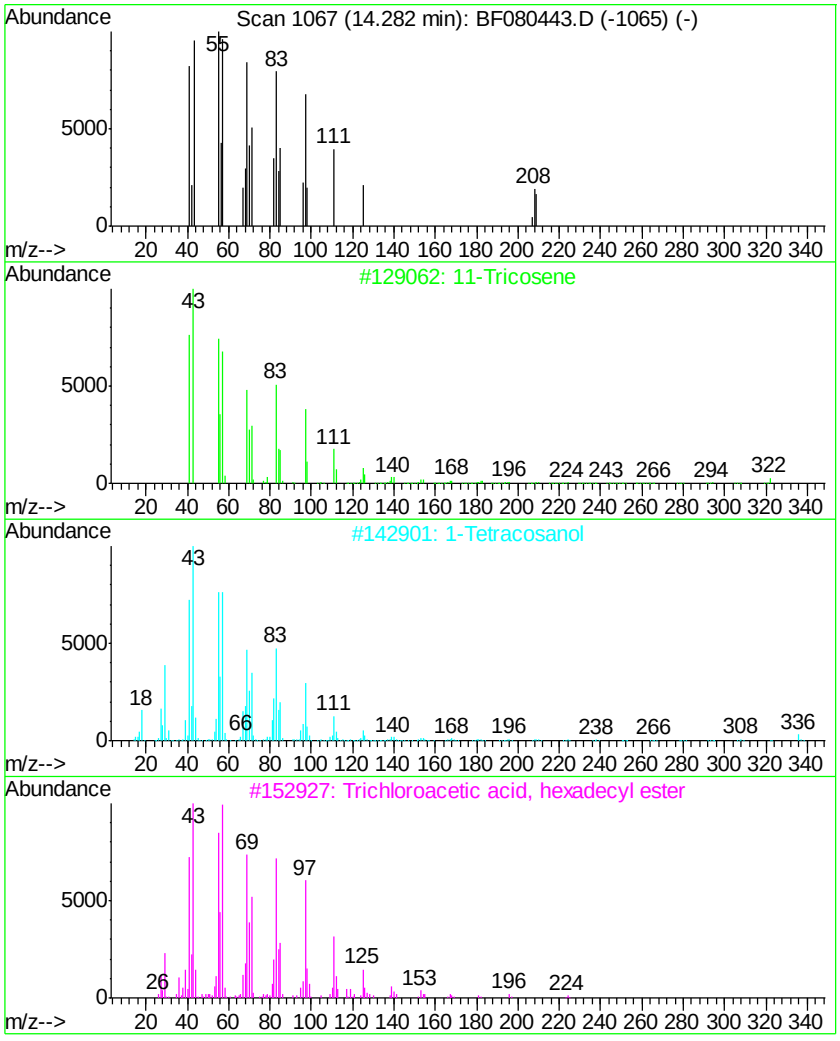
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

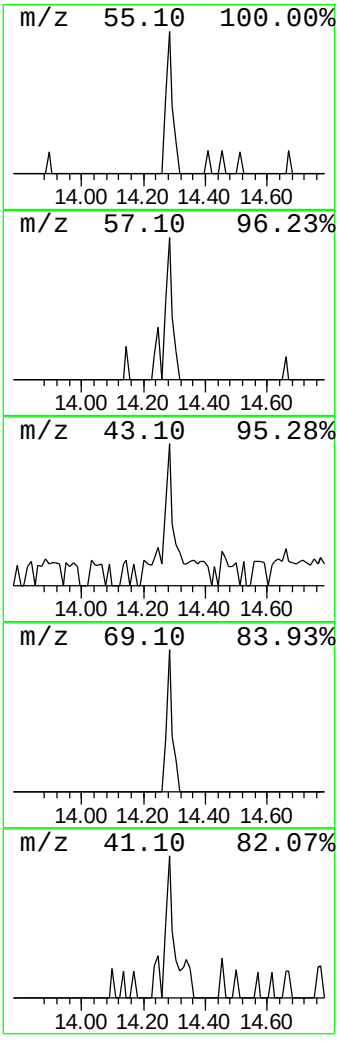
****

Peak Number 7 11-Tricosene Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
14.28	2.25 ng	27550	Chrysene-d12	14.51

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	11-Tricosene	322	C23H46	052078-56-5	87
2	1-Tetracosanol	354	C24H50O	000506-51-4	87
3	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
4	17-Pentatriacontene	491	C35H70	006971-40-0	86
5	3-Chloropropionic acid, heptadec...	346	C20H39ClO2	1000283-05-1	83





Tentatively Identified Compound (LSC) summary

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ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : TE-PMW2-17

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF071015.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...	2.27	86.3	ng	408970	1	7.14	94751	20.0
2-Pentanone, 4-hy...	5.36	14.5	ng	68827	1	7.14	94751	20.0
2-Pentanone, 4-me...	6.16	3.3	ng	15665	1	7.14	94751	20.0
unknown6.91	6.91	79.9	ng	378547	1	7.14	94751	20.0
11-Tricosene	14.28	2.3	ng	27550	5	14.51	244368	20.0