LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078305.D
Acq On : 7 Apr 2015 18:35
Operator : TP/IZ
Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

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-BF040115.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	1.092	16	18	21	rBV	1328707	1253373	100.00%	11.812%
2	1.207	24	28	31	rVB	94302	146060	11.65%	1.376%
3	1.355	38	41	44	rVB	81554	88392	7.05%	0.833%
4	1.561	58	59	66	rVB	8868	14572	1.16%	0.137%
5	1.664	66	68	79	rBV	67632	122992	9.81%	1.159%
6	4.624	325	327	338	rBV	65744	91924	7.33%	0.866%
7	5.196	375	377	384	rBV	599580	805618	64.28%	7.592%
8	6.521	491	493	496	rBV	665759	800818	63.89%	7.547%
9	6.647	501	504	506	rBV	789064	871712	69.55%	8.215%
10	6.933	526	529	531	rBV	180196	201236	16.06%	1.896%
11	7.116	542	545	547	rBV	709878	662127	52.83%	6.240%
12	7.630	588	590	592	rBV	568674	512908	40.92%	4.834%
13	8.510	664	667	669	rBV	267667	274992	21.94%	2.591%
14	9.230	727	730	732	rBV	24517	24942	1.99%	0.235%
15	9.859	782	785	787	rBV	1077638	964112	76.92%	9.086%
16	10.373	828	830	832	rBV	44864	47345	3.78%	0.446%
17	10.670	853	856	859	rVB	344913	325250	25.95%	3.065%
18	11.573	933	935	938	rVB	119456	108460	8.65%	1.022%
19	11.642	939	941	944	rBV2	478242	629496	50.22%	5.932%
20	12.499	1013	1016	1018	rBV	357307	343200	27.38%	3.234%
21	13.242	1079	1081	1088	rBV	13875	22448	1.79%	0.212%
22	14.488	1188	1190	1193	rBV	952182	1148861	91.66%	10.827%
23	15.139	1245	1247	1252	rVB	21464	27515	2.20%	0.259%
24	15.677	1291	1294	1300	rBV	137622	208950	16.67%	1.969%
25	15.768	1300	1302	1305	rVB	373330	395384	31.55%	3.726%
26	16.511	1364	1367	1369	rBV3	9808	16036	1.28%	0.151%
27	16.980	1405	1408	1410	rBV	18622	21259	1.70%	0.200%
28	17.300	1434	1436	1440	rBV	7248	12773	1.02%	0.120%
29	17.517	1452	1455	1458	rBV	319216	386374	30.83%	3.641%
30	18.088	1503	1505	1507	rBV2	11726	18706	1.49%	0.176%
31	18.134	1507	1509	1513	rVV3	14597	30047	2.40%	0.283%
32	18.534	1541	1544	1550	rVB4	6623	16863	1.35%	0.159%
33	19.026	1584	1587	1591	rBV3	6314	16677	1.33%	0.157%

LSC Area Percent Report

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

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-BF040115.M
Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

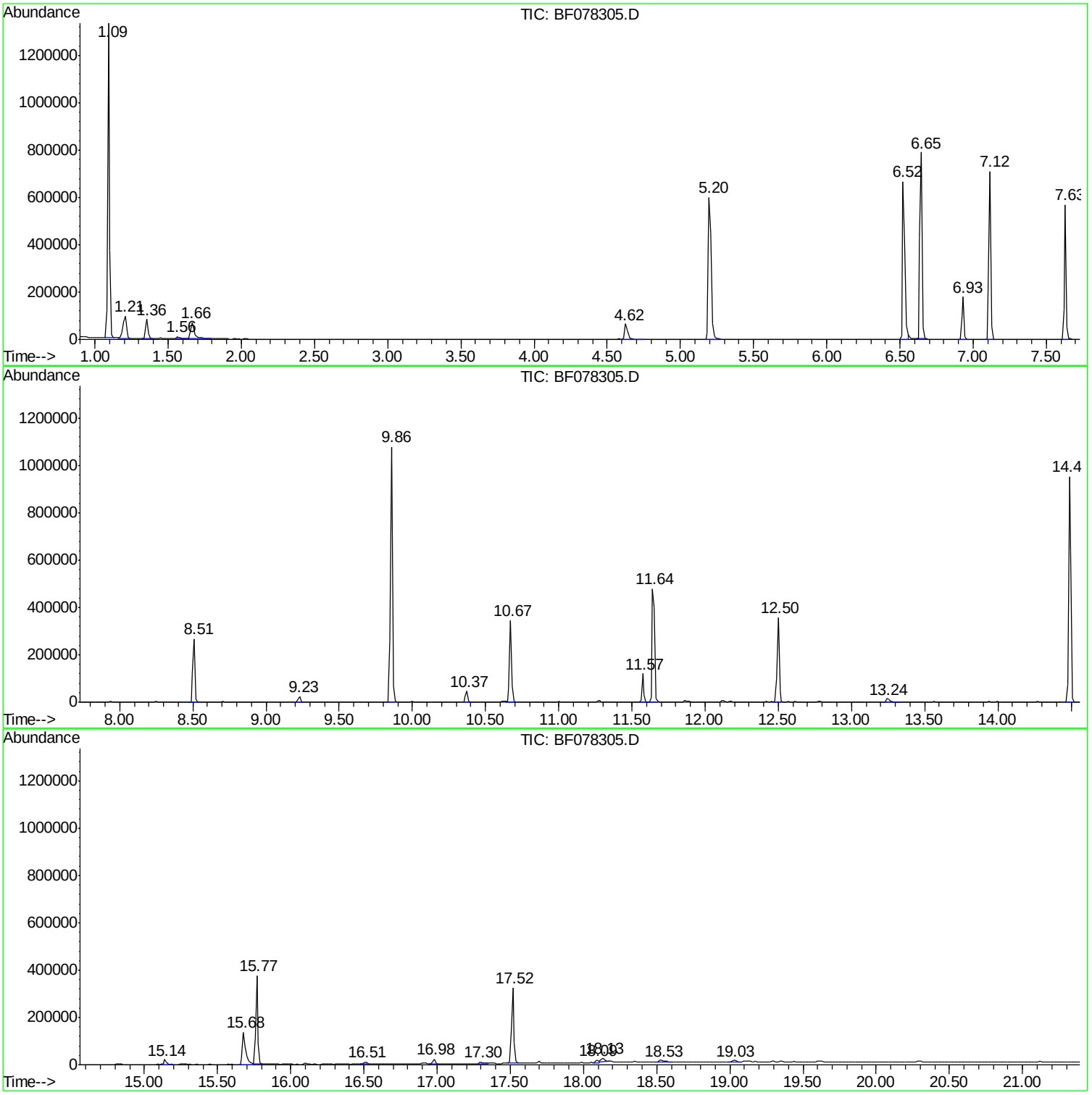
Sum of corrected areas: 10611422

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078305.D
Acq On : 7 Apr 2015 18:35
Operator : TP/IZ
Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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\BF040715\
Data File : BF078305.D
Acq On : 7 Apr 2015 18:35
Operator : TP/IZ
Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

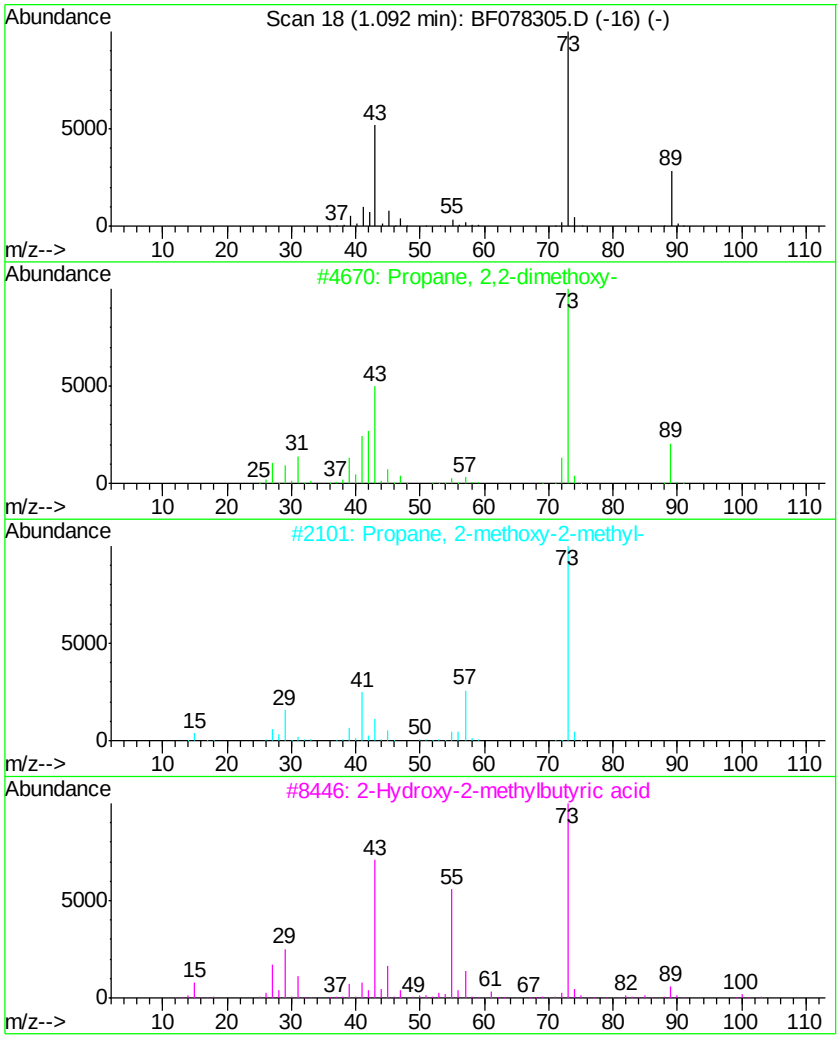
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

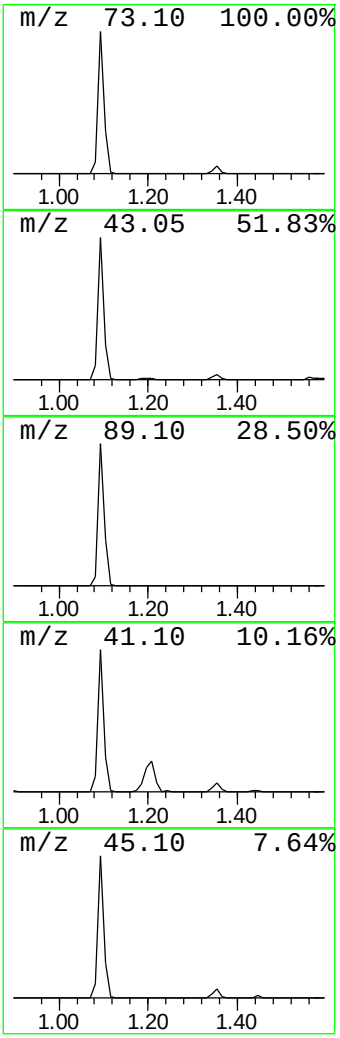
****

Peak Number 1 Propane, 2,2-dimethoxy- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.09	124.57 ng	1253370	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	56
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	Propanoic acid, 2-methyl-, propy...	130	C7H14O2	000644-49-5	9
5	Borane, dimethoxy-	74	C2H7BO2	004542-61-4	7





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
Data File : BF078305.D
Acq On : 7 Apr 2015 18:35
Operator : TP/IZ
Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.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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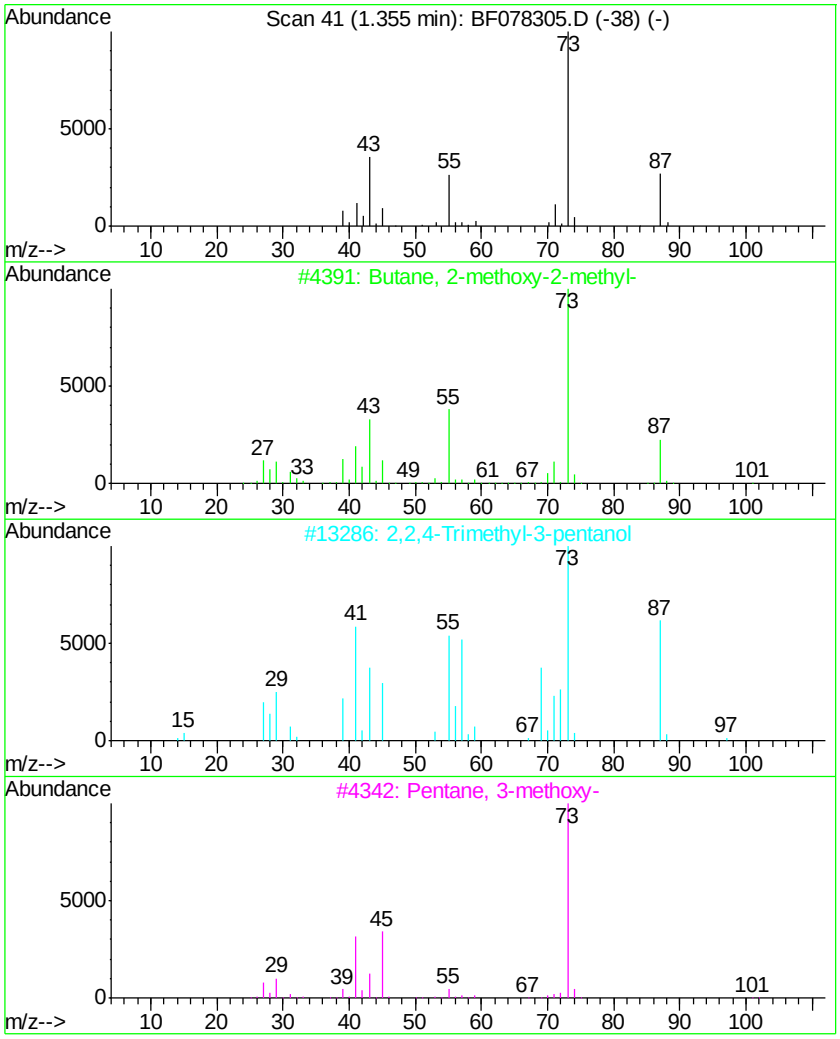
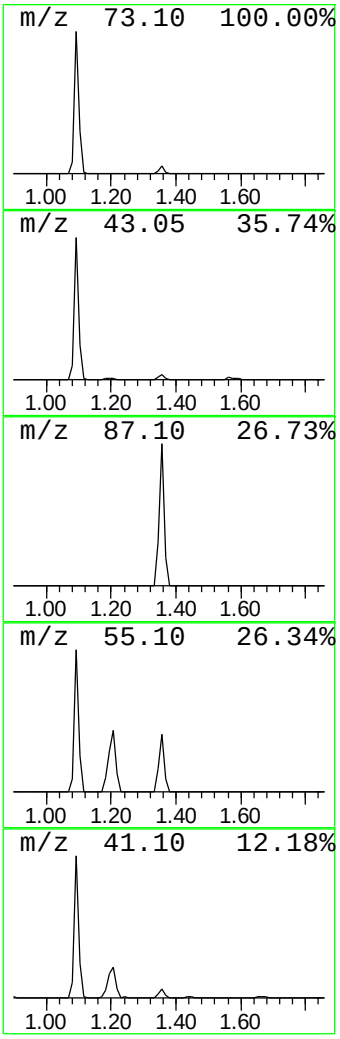
Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
1.36	8.78 ng	88392	1,4-Dichlorobenzene-d4	6.93

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	40
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	17
4	Acetamide, N-ethyl-	87	C4H9NO	000625-50-3	12
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
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Acq On : 7 Apr 2015 18:35
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Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

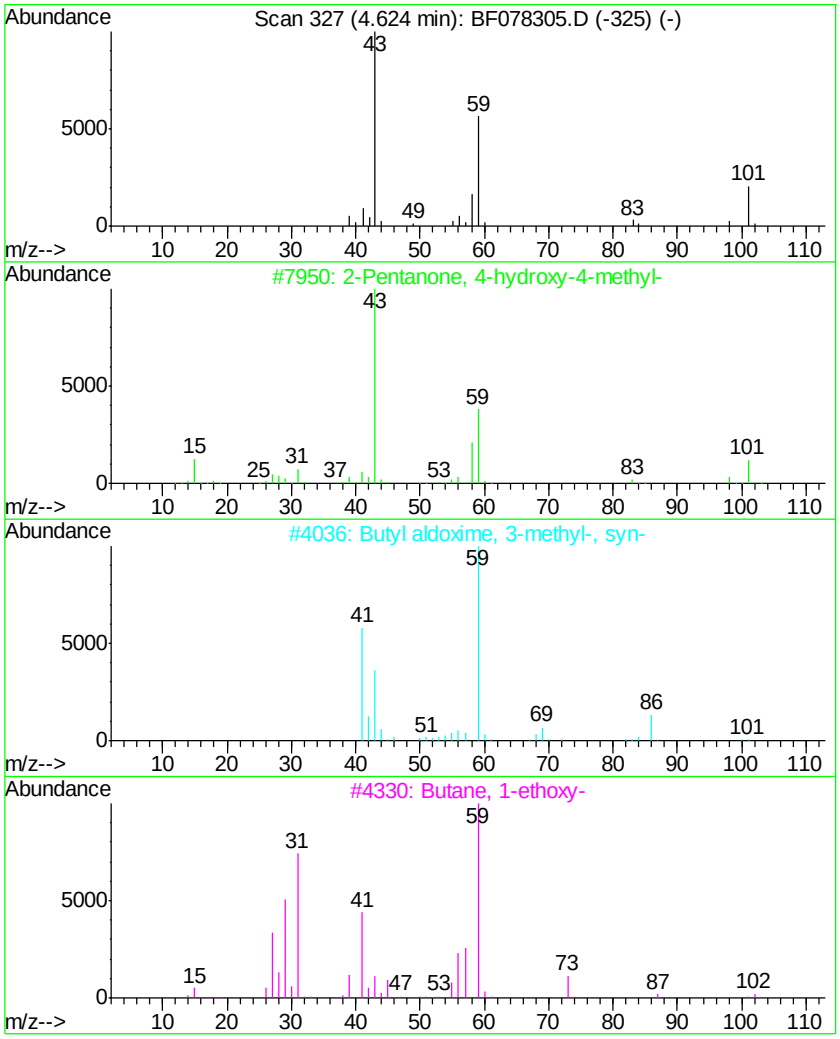
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

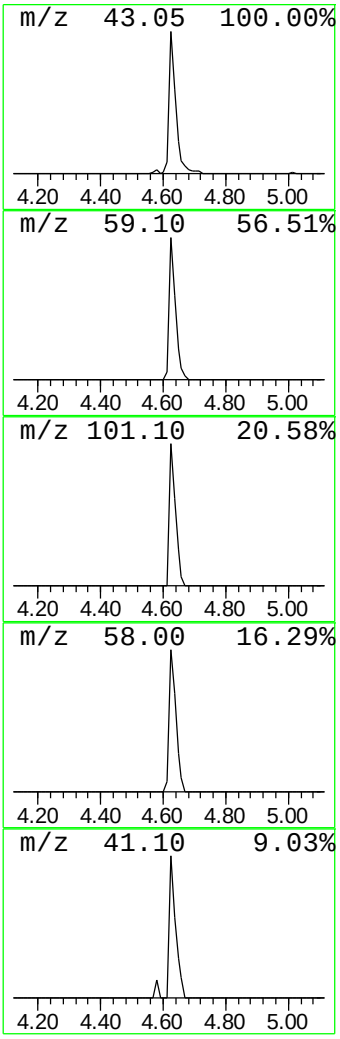
****

Peak Number 5 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.62	9.14 ng	91924	1,4-Dichlorobenzene-d4	6.93

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	25
3	Butane, 1-ethoxy-	102	C6H14O	000628-81-9	9
4	5-Hexen-2-one	98	C6H10O	000109-49-9	9
5	2,3-Butanedione, monooxime	101	C4H7NO2	000057-71-6	9





Data Path : Z:\HPCHEM1\BNA F\DATA\BF040715\
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Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
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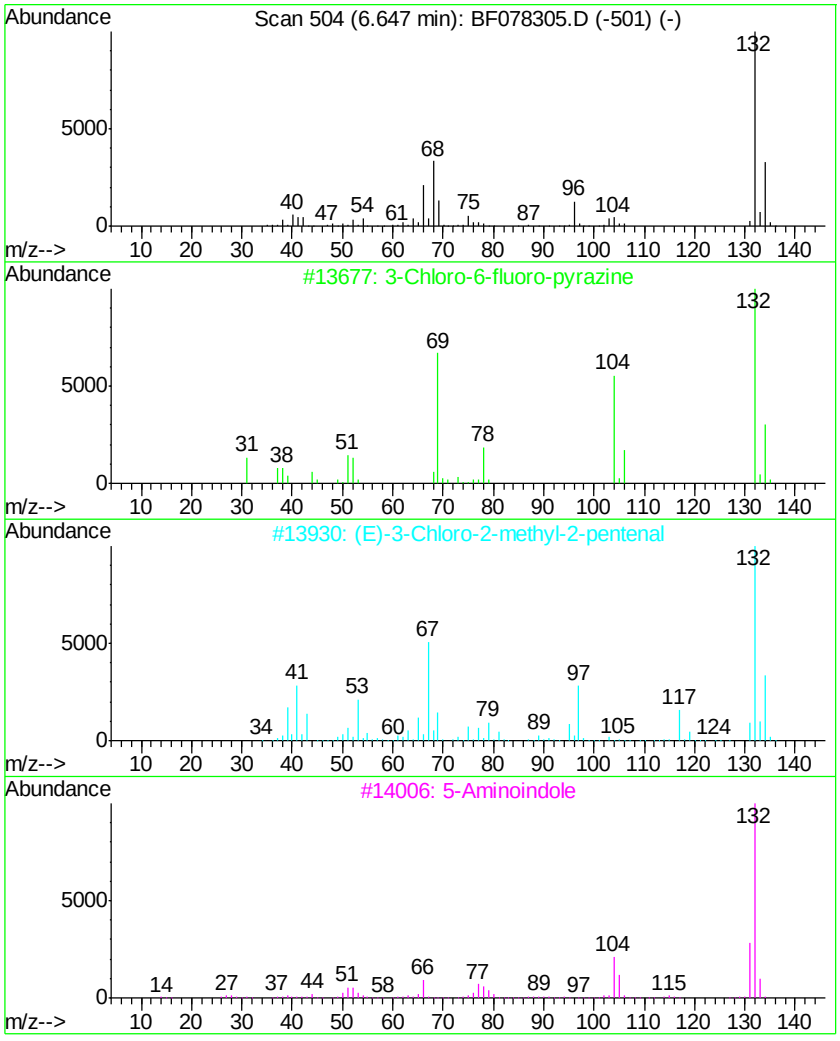
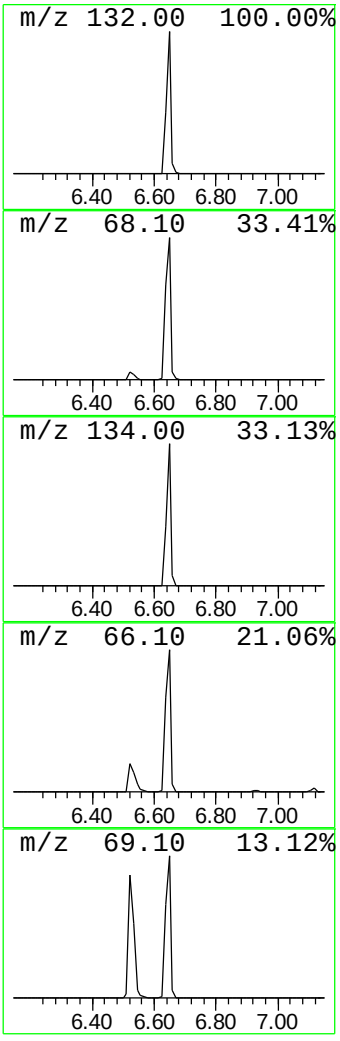
****

Peak Number 6 unknown6.65 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.65	86.64 ng	871712	1,4-Dichlorobenzene-d4	6.93

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	12
3	5-Aminoindole	132	C8H8N2	005192-03-0	12
4	Xenon	132	Xe	007440-63-3	9
5	4-Methylpyrrolo[1,2-a]pyrazine	132	C8H8N2	064608-60-2	9





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Sample : G1789-01
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

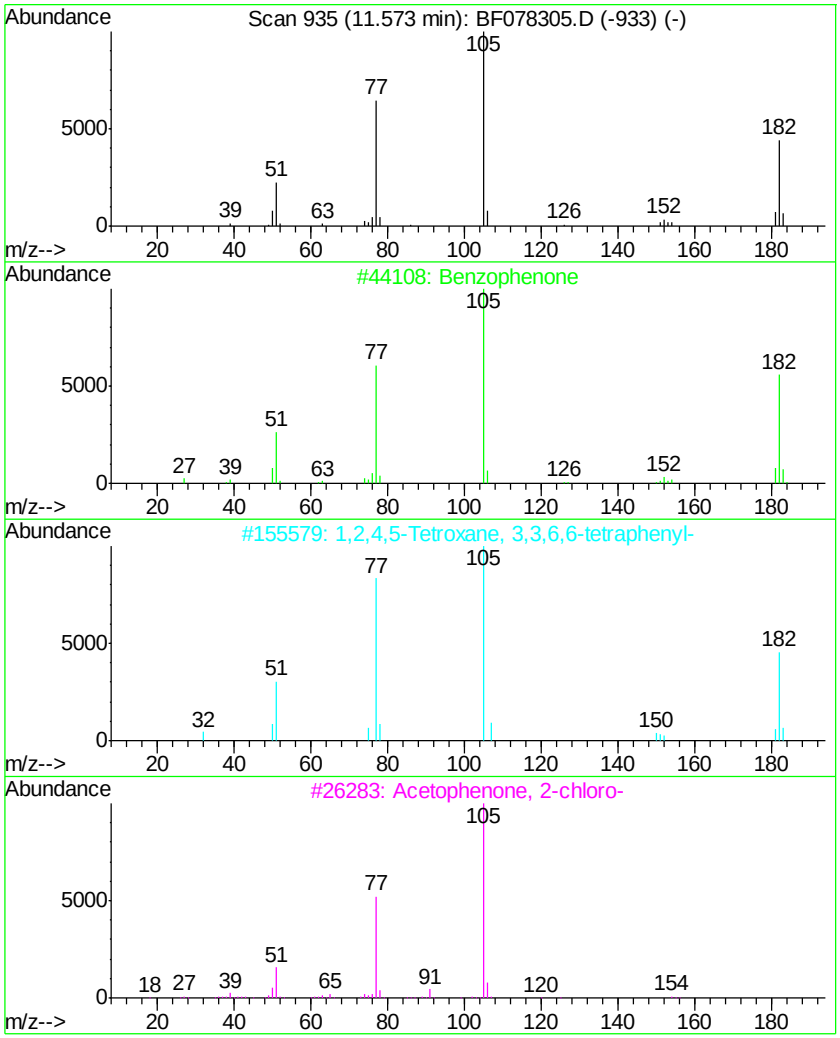
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

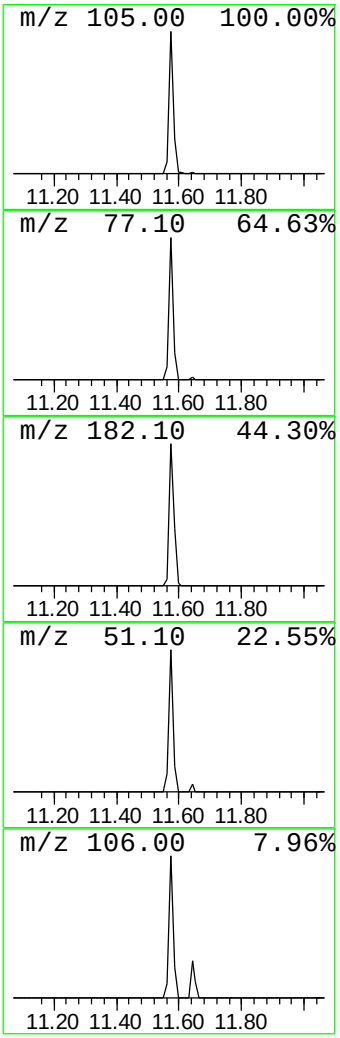
****

Peak Number 8 Benzophenone Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.57	6.67 ng	108460	Acenaphthene-d10	10.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzophenone	182	C13H10O	000119-61-9	96
2	1,2,4,5-Tetroxane, 3,3,6,6-tetra...	396	C26H20O4	016204-36-7	78
3	Acetophenone, 2-chloro-	154	C8H7ClO	000532-27-4	49
4	Benzeneacetic acid, .alpha.-oxo-...	164	C9H8O3	015206-55-0	47
5	1-Propanone, 3-chloro-1-phenyl-	168	C9H9ClO	000936-59-4	47





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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FS-022

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF040115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

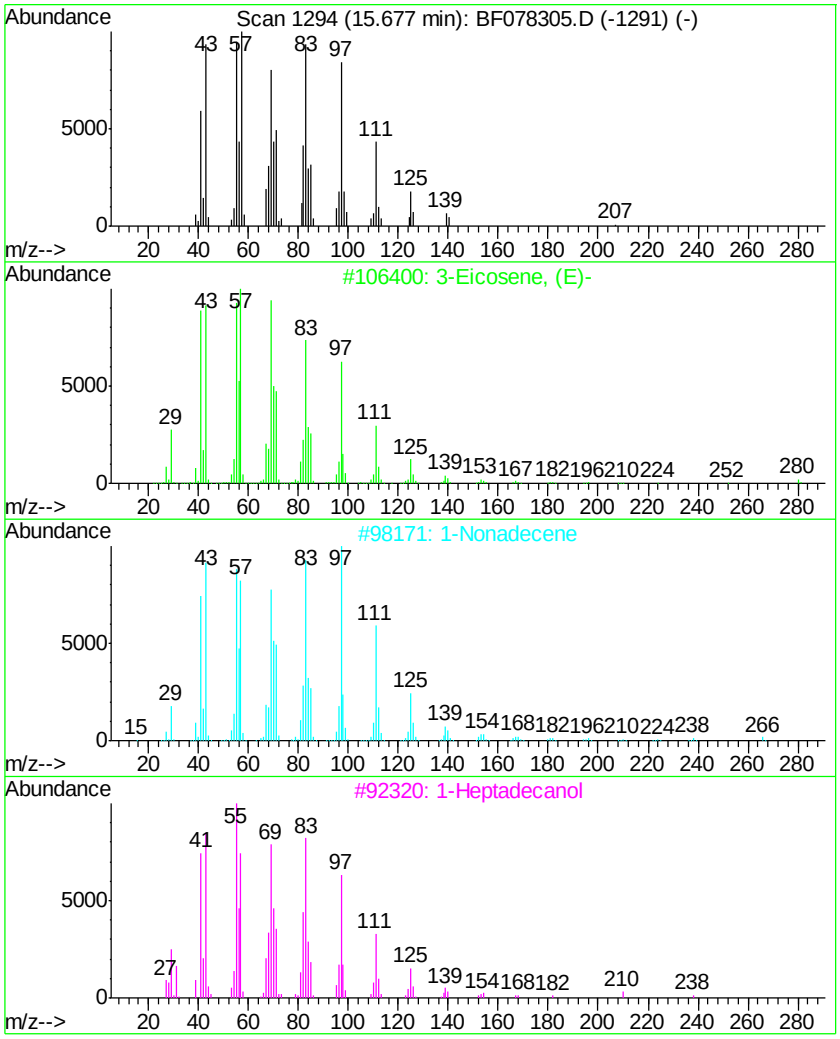
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

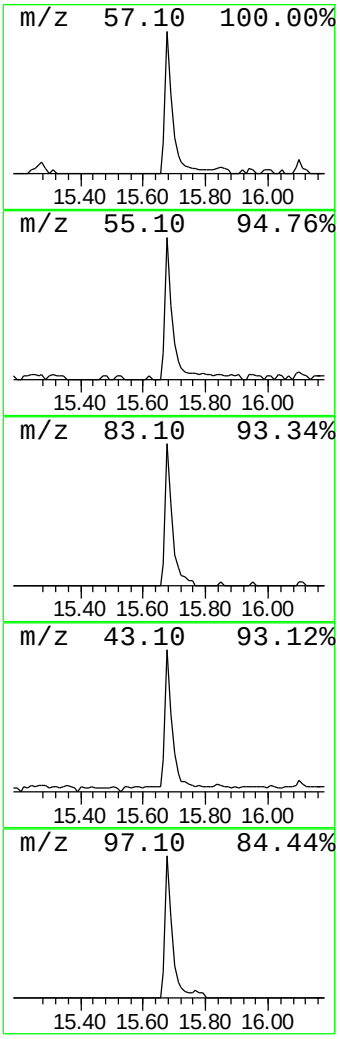
****

Peak Number 9 3-Eicosene, (E)- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.68	10.57 ng	208950	Chrysene-d12	15.77

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Eicosene, (E)-	280	C20H40	074685-33-9	91
2	1-Nonadecene	266	C19H38	018435-45-5	91
3	1-Heptadecanol	256	C17H36O	001454-85-9	90
4	Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	87
5	Trichloroacetic acid, pentadecyl...	372	C17H31Cl3O2	074339-53-0	87





Tentatively Identified Compound (LSC) summary

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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
Propane, 2,2-dime...	1.09	124.6	ng	1253370	1	6.93	201236	20.0
Butane, 2-methoxy...	1.36	8.8	ng	88392	1	6.93	201236	20.0
2-Pentanone, 4-hy...	4.62	9.1	ng	91924	1	6.93	201236	20.0
unknown6.65	6.65	86.6	ng	871712	1	6.93	201236	20.0
Benzophenone	11.57	6.7	ng	108460	3	10.67	325250	20.0
3-Eicosene, (E)-	15.68	10.6	ng	208950	5	15.77	395384	20.0