LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025445.D
Acq On : 10 Jan 2017 00:43
Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-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_G\METHODS\8270-BG122116.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	5.256	405	411	421	rBV	164680	293131	4.30%	1.006%
2	5.737	486	493	503	rBV	567350	1033477	15.17%	3.546%
3	7.359	760	769	783	rBV	361174	712678	10.46%	2.445%
4	7.729	824	832	845	rBV	1057866	1974722	28.98%	6.775%
5	8.199	905	912	920	rBV	220307	391919	5.75%	1.345%
6	8.522	955	967	979	rBV	909686	1721552	25.27%	5.906%
7	9.298	1092	1099	1106	rBV3	141878	282654	4.15%	0.970%
8	9.380	1106	1113	1126	rBV	890984	1727772	25.36%	5.928%
9	9.821	1184	1188	1195	rVB	61842	103814	1.52%	0.356%
10	10.402	1276	1287	1294	rBV2	238051	458396	6.73%	1.573%
11	11.031	1388	1394	1405	rVB	258822	581265	8.53%	1.994%
12	11.125	1405	1410	1414	rVB4	69051	126009	1.85%	0.432%
13	12.888	1704	1710	1716	rBV2	75234	152161	2.23%	0.522%
14	12.952	1716	1721	1728	rVB9	35058	74766	1.10%	0.257%
15	13.446	1797	1805	1813	rBV	2241856	3456795	50.74%	11.860%
16	14.269	1940	1945	1950	rVB	104467	166010	2.44%	0.570%
17	14.827	2034	2040	2045	rBV2	501279	821168	12.05%	2.817%
18	15.614	2170	2174	2181	rVB4	42159	74365	1.09%	0.255%
19	16.313	2285	2293	2304	rBV	2302441	3567021	52.36%	12.238%
20	17.571	2498	2507	2514	rBV2	683919	1126313	16.53%	3.864%
21	18.411	2646	2650	2655	rBV4	74867	101088	1.48%	0.347%
22	19.668	2860	2864	2870	rBV5	54472	77652	1.14%	0.266%
23	20.150	2940	2946	2954	rBV	4913740	6813102	100.00%	23.374%
24	21.860	3230	3237	3247	rBV	942426	1635322	24.00%	5.610%
25	25.262	3806	3816	3829	rVB	542506	1674621	24.58%	5.745%

Sum of corrected areas: 29147773

LSC Report - Integrated Chromatogram

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Data File : BG025445.D
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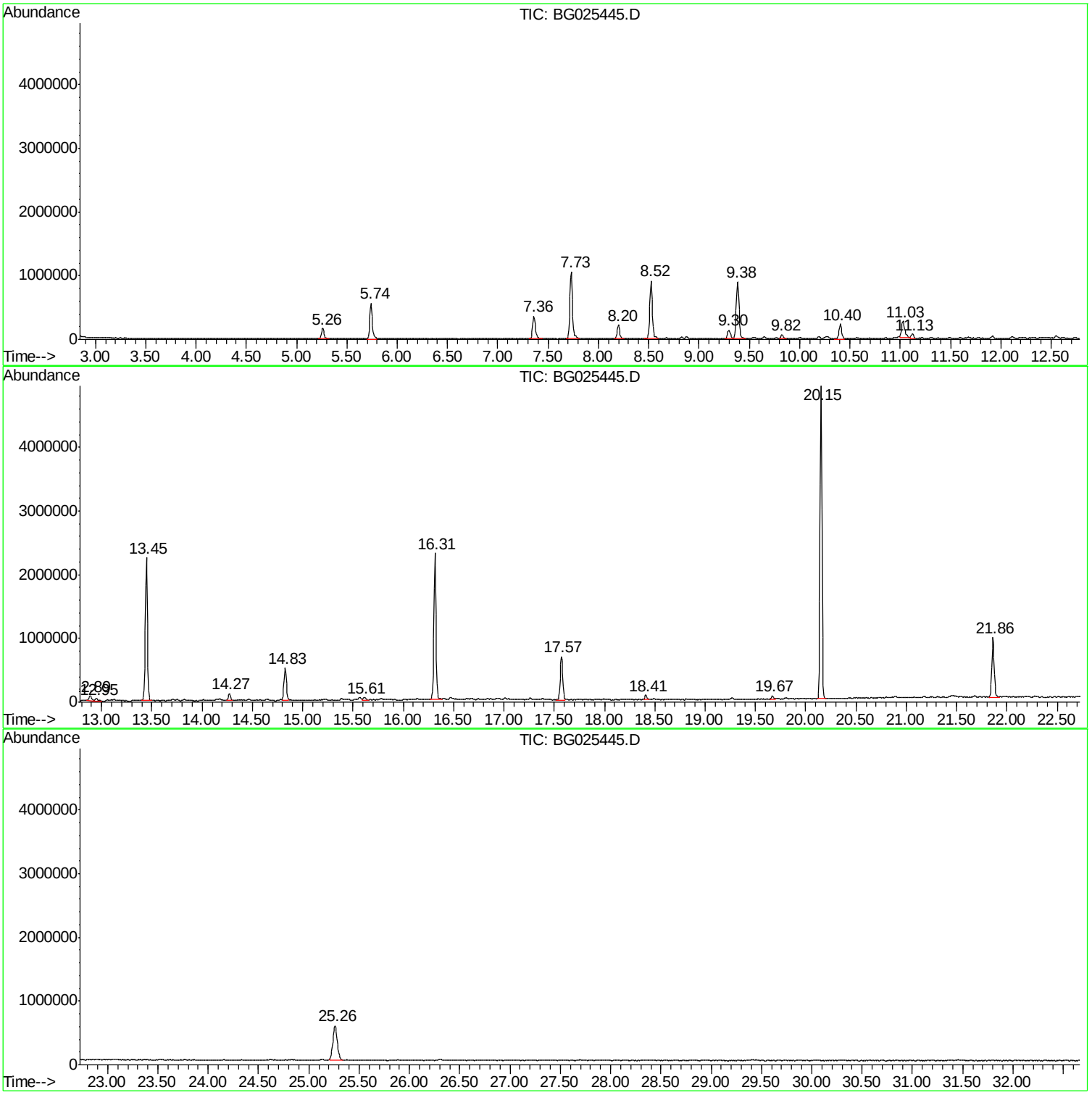
Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025445.D
Acq On : 10 Jan 2017 00:43
Operator : UM/SJ
Sample : I1056-01
Misc :
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Instrument : BNA_G
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Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

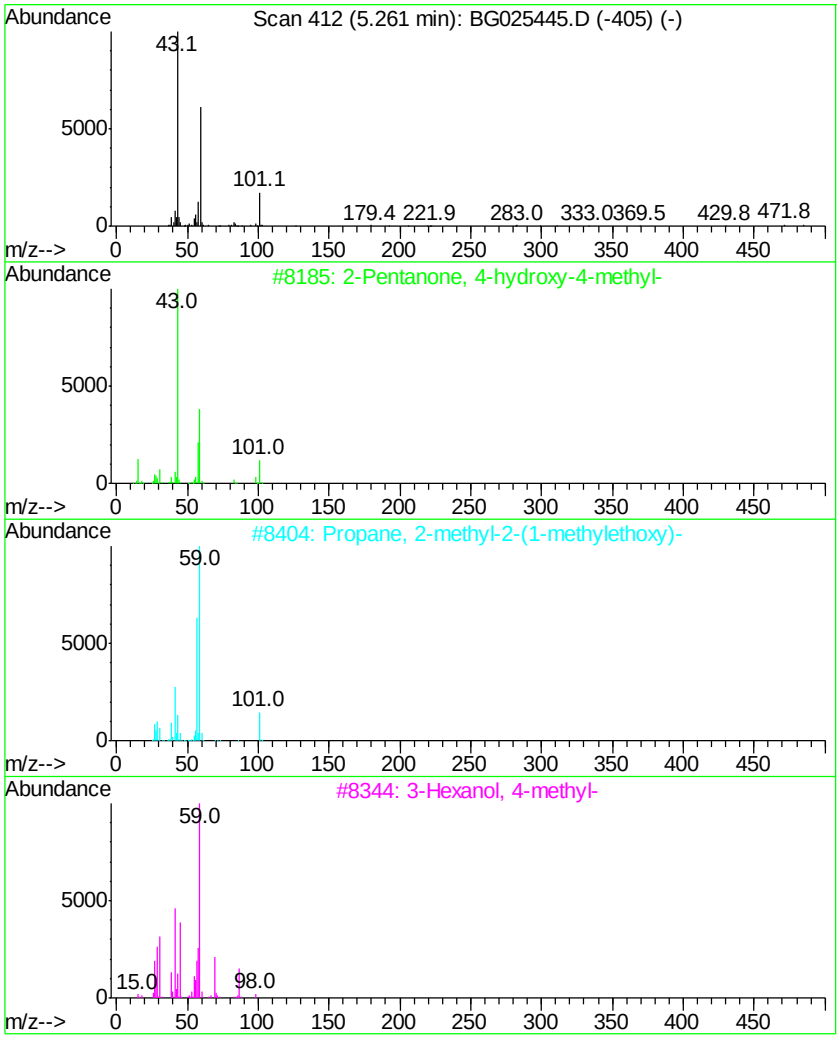
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

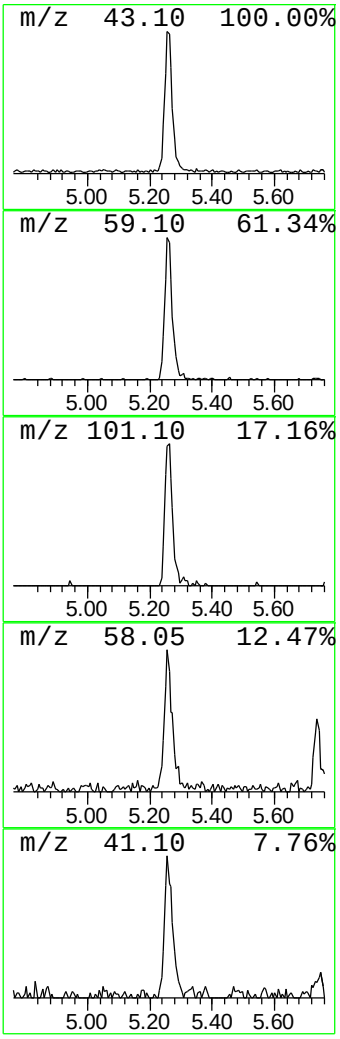
****

Peak Number 1 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.26	14.96 ng	293131	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	47
2	Propane, 2-methyl-2-(1-methyleth...	116	C7H16O	017348-59-3	38
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	23
4	Butyl aldoxime, 3-methyl-, syn-	101	C5H11NO	005780-40-5	16
5	1,8-Nonanediol, 8-methyl-	174	C10H22O2	054725-73-4	9





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Data File : BG025445.D
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Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

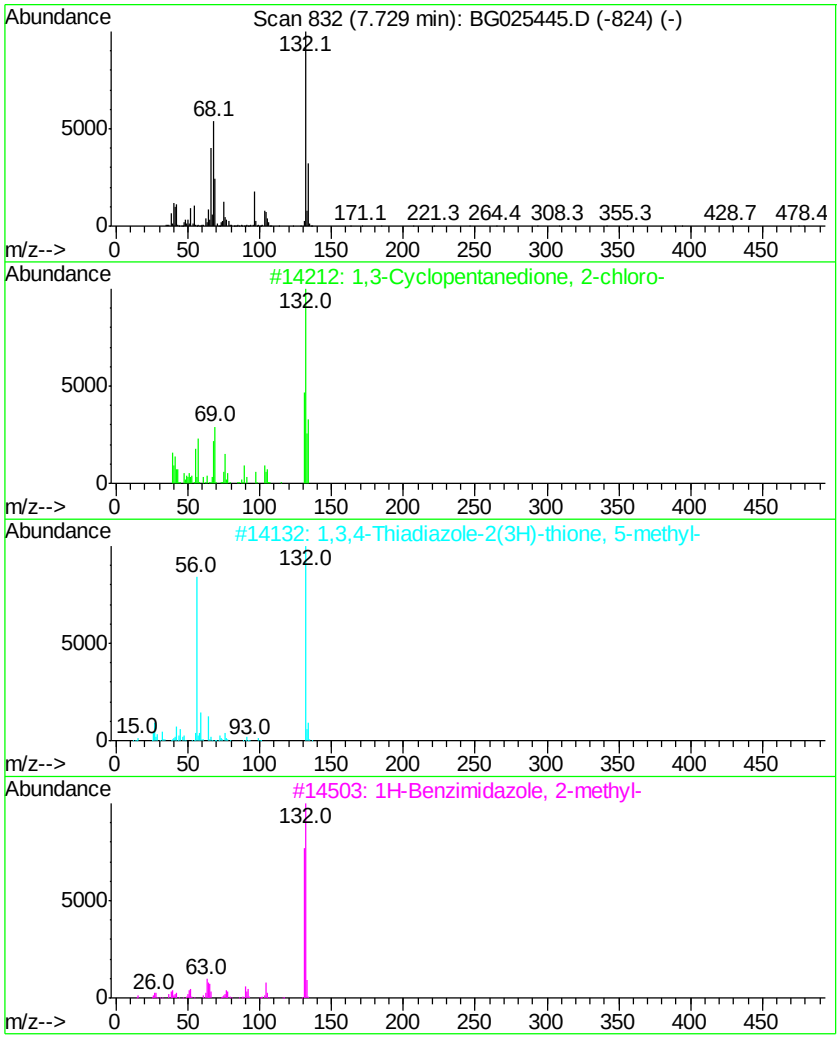
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

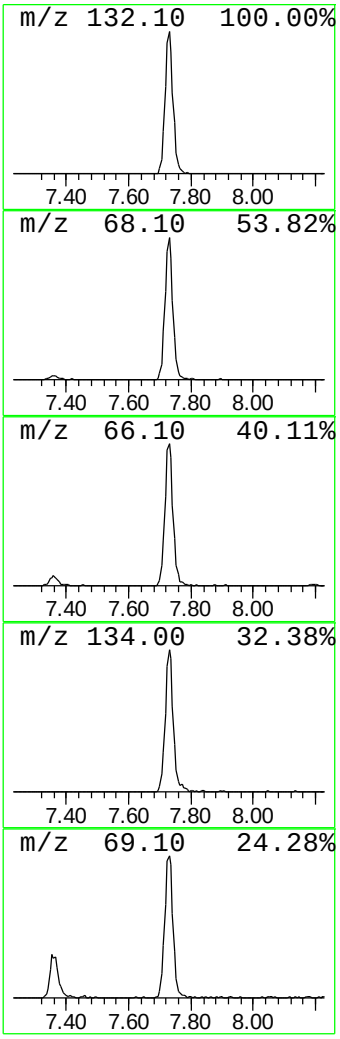
****

Peak Number 2 unknown7.73 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.73	100.77 ng	1974720	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1,3-Cyclopentanedione, 2-chloro-	132	C5H5ClO2	014203-19-1	27
2	1,3,4-Thiadiazole-2(3H)-thione, ...	132	C3H4N2S2	029490-19-5	14
3	1H-Benzimidazole, 2-methyl-	132	C8H8N2	000615-15-6	10
4	Tranylcypromine-propionyl	189	C12H15NO	1000123-86-3	10
5	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	10





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Data File : BG025445.D
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Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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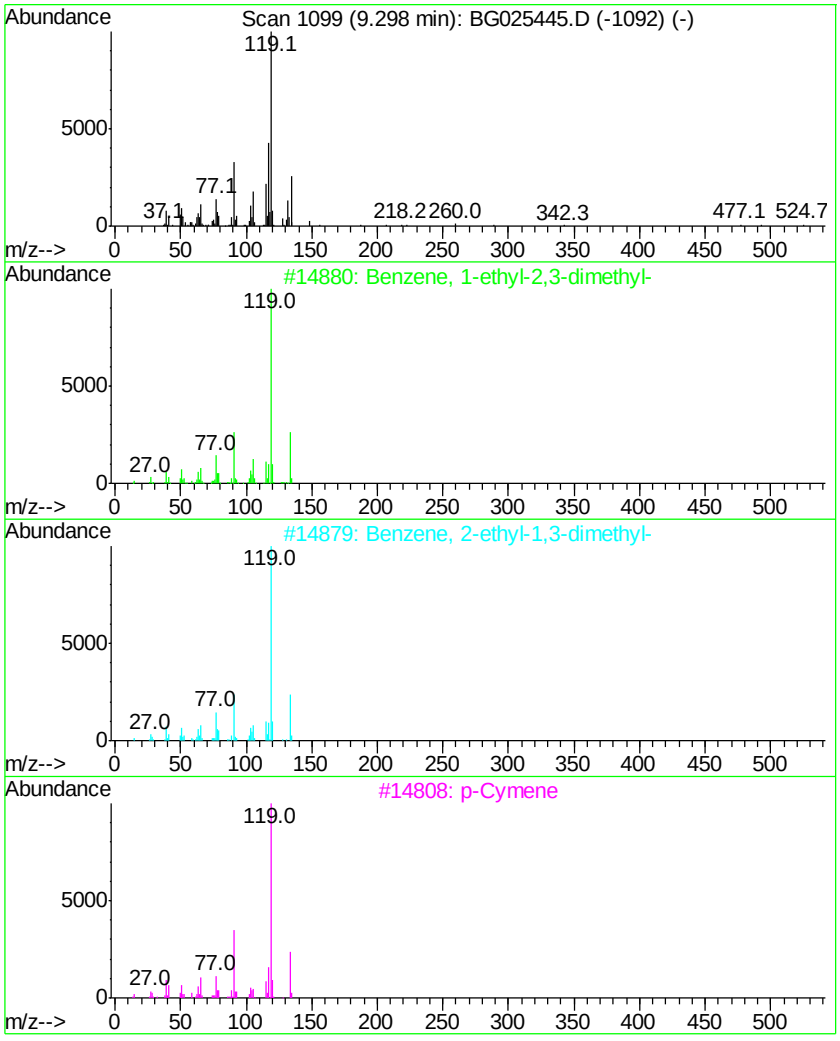
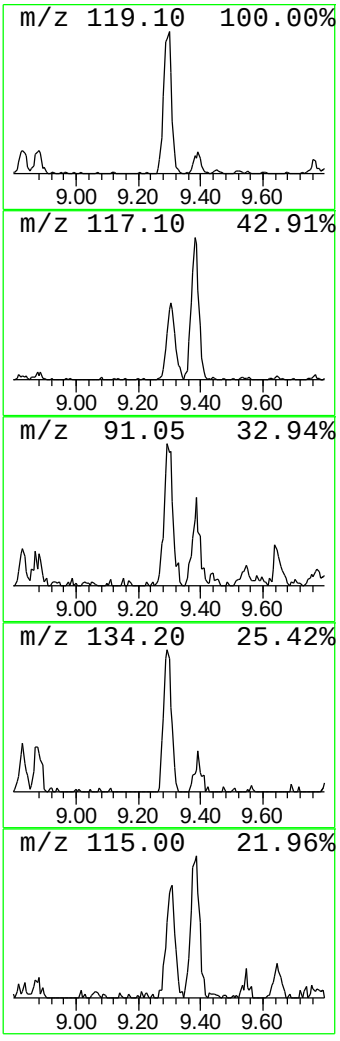
Peak Number 4 Benzene, 1-ethyl-2,3-dimethyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.30	14.42 ng	282654	1,4-Dichlorobenzene-d4	8.20

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-ethyl-2,3-dimethyl-	134	C10H14	000933-98-2	60
2	Benzene, 2-ethyl-1,3-dimethyl-	134	C10H14	002870-04-4	60
3	p-Cymene	134	C10H14	000099-87-6	60
4	Benzene, 4-ethyl-1,2-dimethyl-	134	C10H14	000934-80-5	60
5	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	58





Data Path : Z:\HPCHEM1\BNA G\DATA\BG010917\
Data File : BG025445.D
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Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

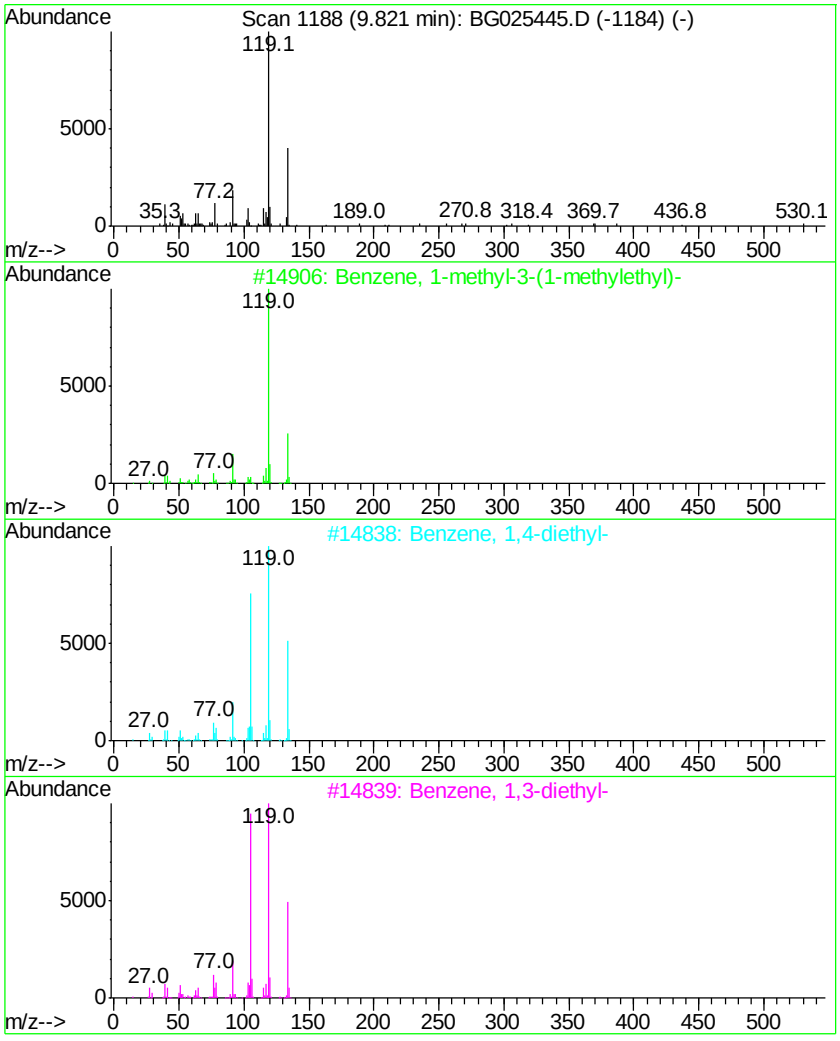
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

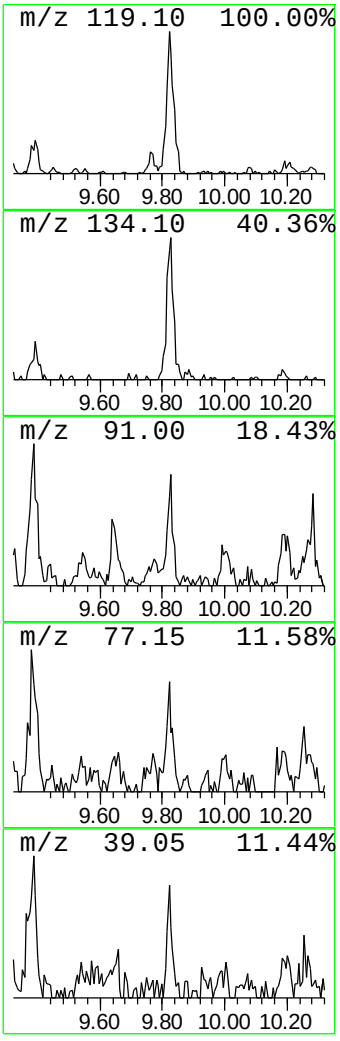
****

Peak Number 5 Benzene, 1-methyl-3-(1-meth... Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.82	3.57 ng	103814	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-methyl-3-(1-methyleth...	134	C10H14	000535-77-3	87
2	Benzene, 1,4-diethyl-	134	C10H14	000105-05-5	86
3	Benzene, 1,3-diethyl-	134	C10H14	000141-93-5	86
4	Benzene, 2-ethyl-1,4-dimethyl-	134	C10H14	001758-88-9	83
5	Benzene, 1-ethyl-3,5-dimethyl-	134	C10H14	000934-74-7	80





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Operator : UM/SJ
Sample : I1056-01
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

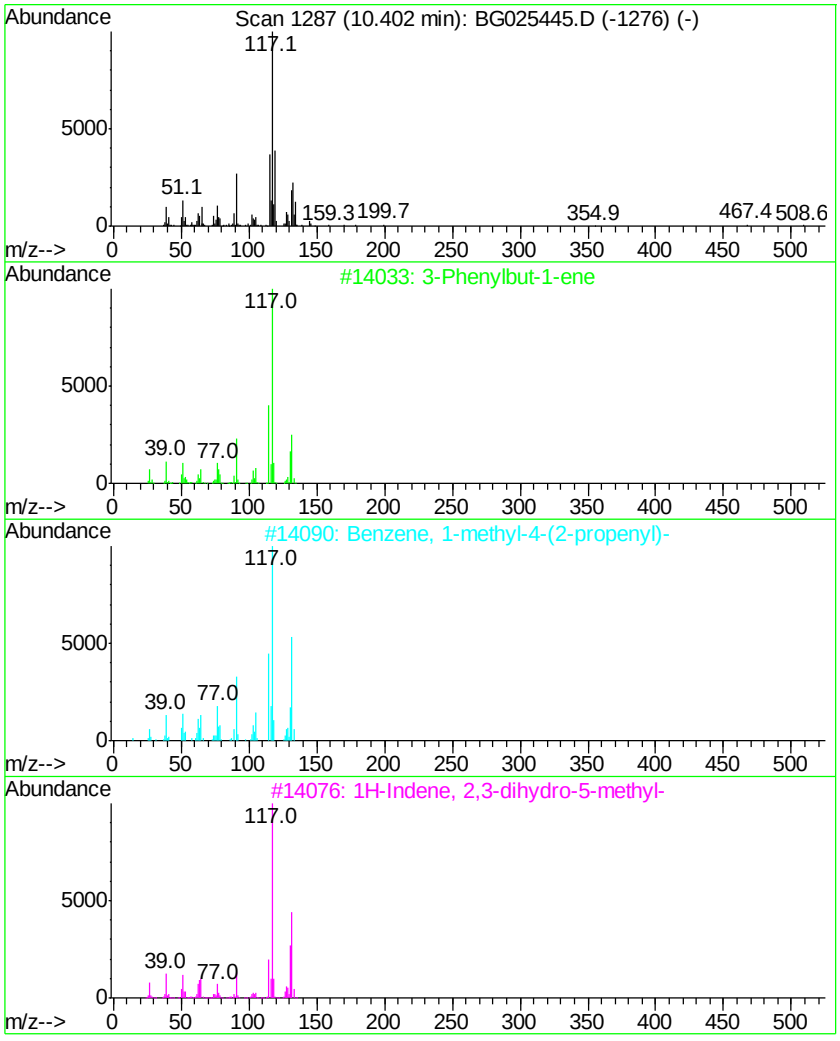
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

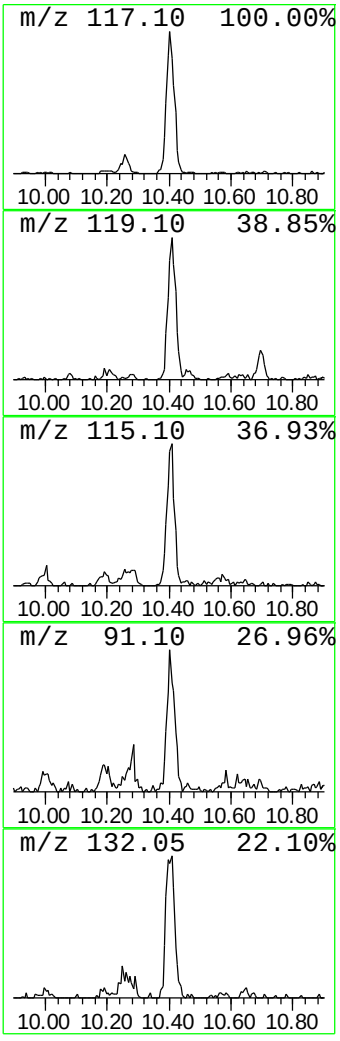
****

Peak Number 6 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.40	15.77 ng	458396	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	86
2	Benzene, 1-methyl-4-(2-propenyl)-	132	C10H12	003333-13-9	70
3	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	62
4	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	58
5	Benzene, (2-methyl-1-propenyl)-	132	C10H12	000768-49-0	58





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Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : W-17

Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

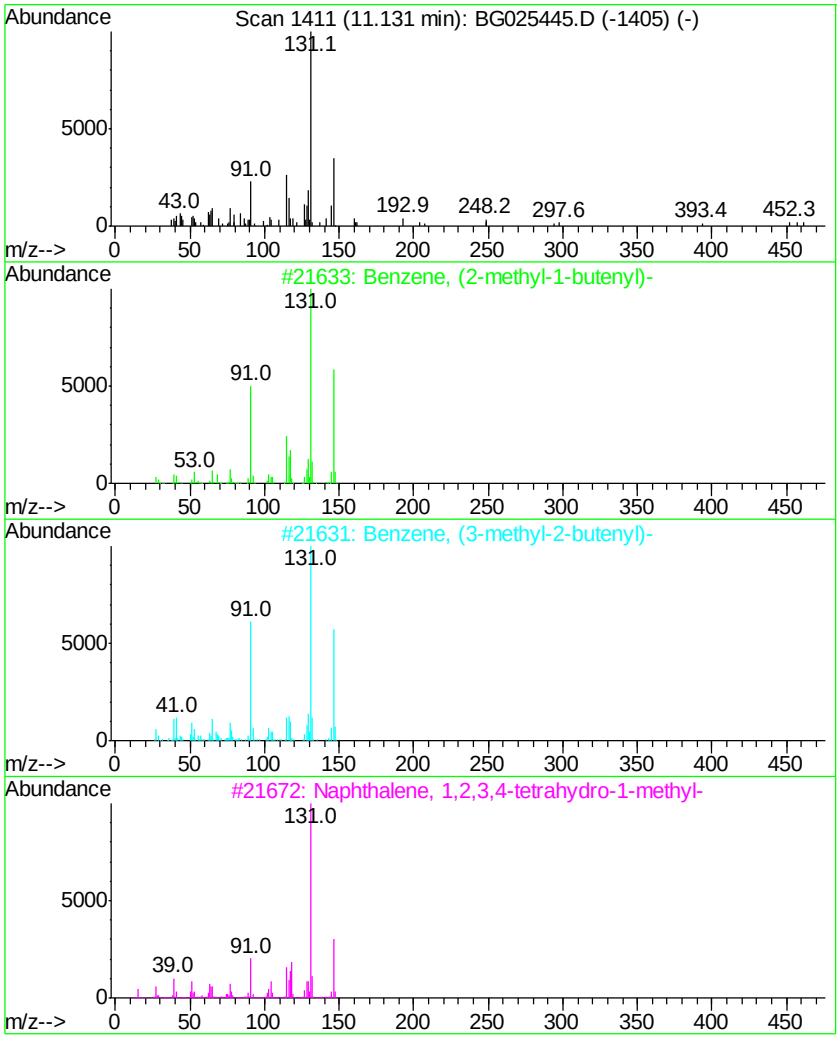
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

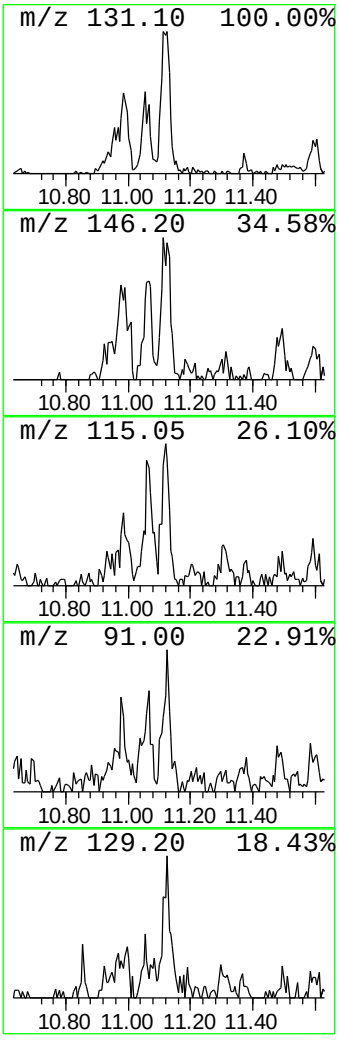
****

Peak Number 7 Benzene, (2-methyl-1-butenyl)- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.13	4.34 ng	126009	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, (2-methyl-1-butenyl)-	146	C11H14	056253-64-6	83
2	Benzene, (3-methyl-2-butenyl)-	146	C11H14	004489-84-3	72
3	Naphthalene, 1,2,3,4-tetrahydro-...	146	C11H14	001559-81-5	68
4	1H-Indene, 2,3-dihydro-1,6-dimet...	146	C11H14	017059-48-2	68
5	1H-Indene, 2,3-dihydro-1,3-dimet...	146	C11H14	004175-53-5	64





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ClientSampleId : W-17

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

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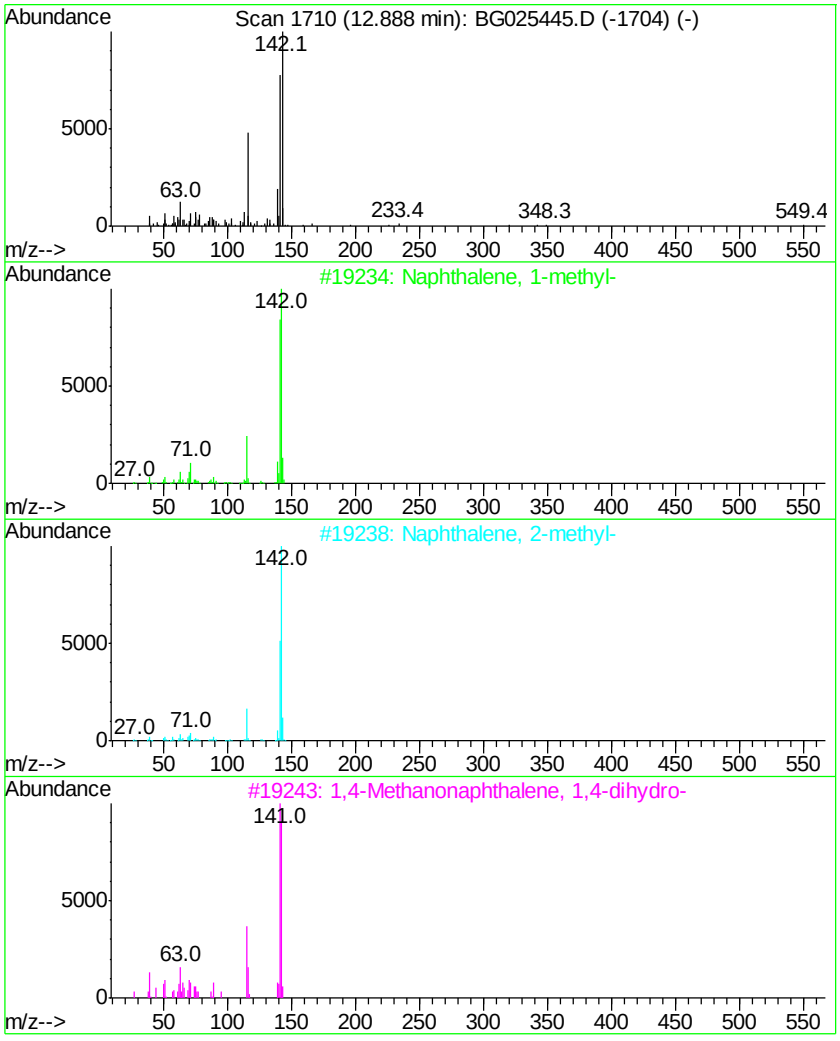
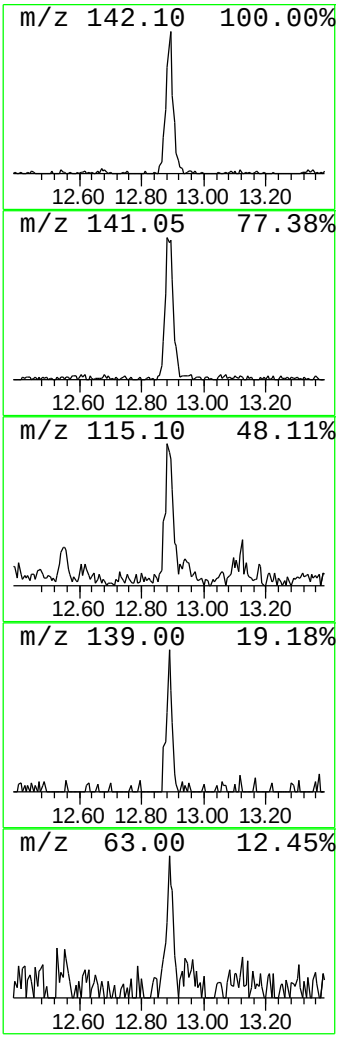
Peak Number 8 Naphthalene, 1-methyl- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.89	5.24 ng	152161	Naphthalene-d8	11.03

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Naphthalene, 1-methyl-	142	C11H10	000090-12-0	87
2	Naphthalene, 2-methyl-	142	C11H10	000091-57-6	80
3	1,4-Methanonaphthalene, 1,4-dihy...	142	C11H10	004453-90-1	64
4	Benzocycloheptatriene	142	C11H10	000264-09-5	53
5	3,4-Difluorobenzaldehyde	142	C7H4F2O	034036-07-2	50





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010917\
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
2-Pentanone, 4-hy...	5.26	15.0	ng	293131	1	8.20	391919	20.0
unknown7.73	7.73	100.8	ng	1974720	1	8.20	391919	20.0
Benzene, 1-ethyl-...	9.30	14.4	ng	282654	1	8.20	391919	20.0
Benzene, 1-methyl...	9.82	3.6	ng	103814	2	11.03	581265	20.0
3-Phenylbut-1-ene	10.40	15.8	ng	458396	2	11.03	581265	20.0
Benzene, (2-methy...	11.13	4.3	ng	126009	2	11.03	581265	20.0
Naphthalene, 1-me...	12.89	5.2	ng	152161	2	11.03	581265	20.0