LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091092.D
Acq On : 8 Nov 2016 19:55
Operator : UM/SJ
Sample : H5581-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRW1

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-BF110316.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	1.755	4	6	39	rVB	3653747	8927362	100.00%	18.054%
2	4.796	269	272	282	rBV	341341	485420	5.44%	0.982%
3	5.253	309	312	314	rBV	1543076	2121806	23.77%	4.291%
4	6.304	402	404	412	rBV	898981	1457103	16.32%	2.947%
5	6.430	412	415	417	rBV	4460904	4326657	48.47%	8.750%
6	6.659	433	435	444	rVB	1057355	1080032	12.10%	2.184%
7	6.819	446	449	451	rBV	3951336	4188865	46.92%	8.471%
8	7.230	483	485	488	rBV	3018781	3162806	35.43%	6.396%
9	7.687	523	525	527	rBV	169601	170796	1.91%	0.345%
10	7.950	545	548	550	rBV	1319142	1482855	16.61%	2.999%
11	8.145	563	565	568	rVV	79832	95689	1.07%	0.194%
12	8.613	601	606	607	rBV2	78232	135797	1.52%	0.275%
13	8.773	617	620	621	rBV2	77904	120512	1.35%	0.244%
14	9.025	640	642	645	rBV	5115679	5550002	62.17%	11.224%
15	9.356	667	671	675	rBV3	63009	166234	1.86%	0.336%
16	9.470	680	681	687	rVB3	49060	106691	1.20%	0.216%
17	9.699	698	701	703	rBV	1498616	1728715	19.36%	3.496%
18	10.019	727	729	732	rBV2	60737	99938	1.12%	0.202%
19	10.305	752	754	757	rVB	91303	99428	1.11%	0.201%
20	10.442	764	766	767	rBV	97155	113688	1.27%	0.230%
21	10.488	767	770	772	rBV	3608543	3690527	41.34%	7.464%
22	10.613	779	781	785	rVB	73869	97513	1.09%	0.197%
23	11.173	828	830	833	rBV	1878587	1644742	18.42%	3.326%
24	11.722	876	878	882	rBV2	64529	99425	1.11%	0.201%
25	12.762	966	969	972	rBV	4838551	5777394	64.72%	11.684%
26	13.665	1046	1048	1052	rBV	86524	111415	1.25%	0.225%
27	13.802	1058	1060	1063	rBV	1342448	1329929	14.90%	2.690%
28	14.648	1132	1134	1144	rVB	49305	97533	1.09%	0.197%
29	15.174	1178	1180	1183	rBV	706364	978305	10.96%	1.978%

Sum of corrected areas: 49447179

LSC Report - Integrated Chromatogram

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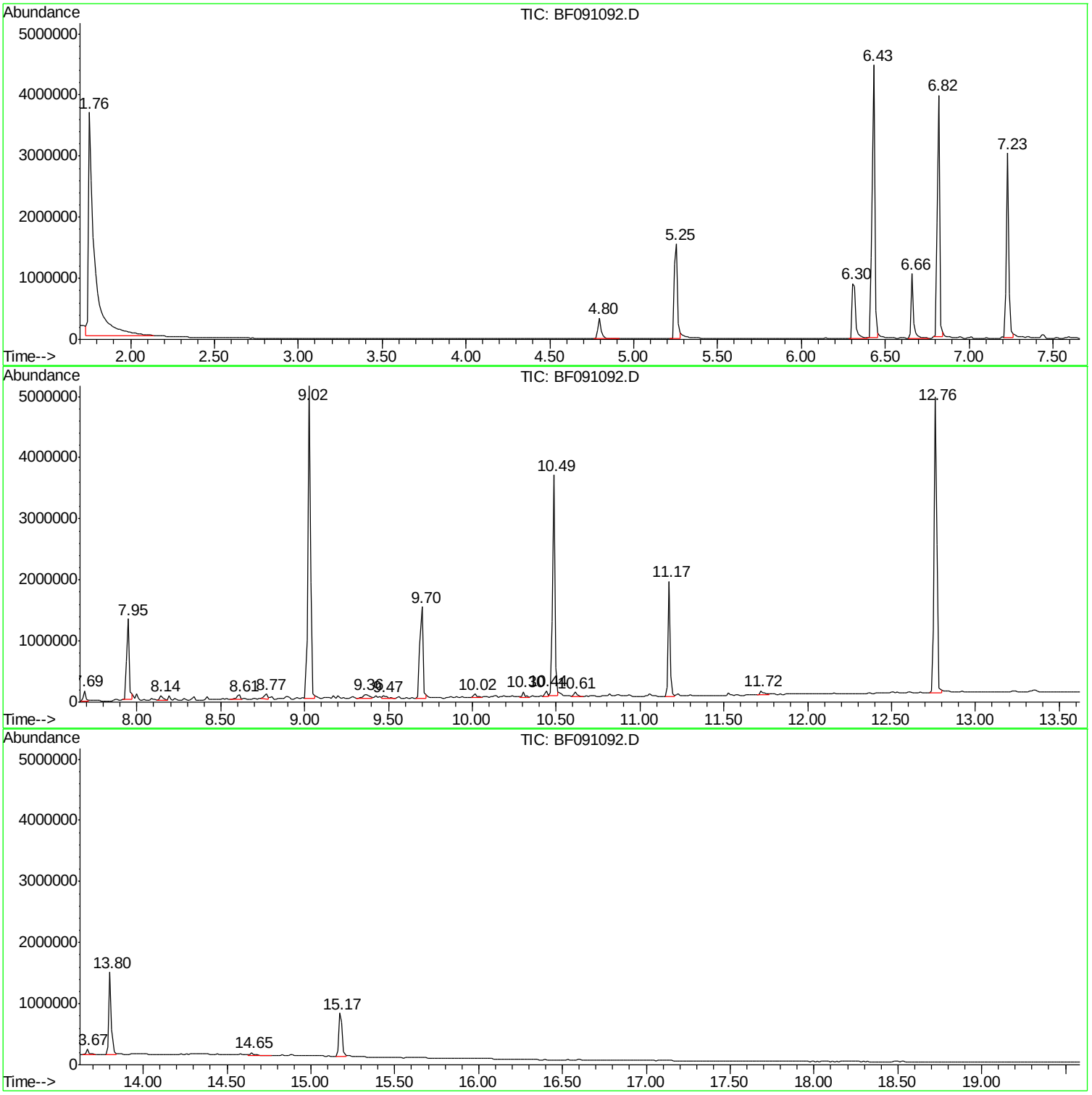
Instrument : BNA_F
ClientSampleId : DRW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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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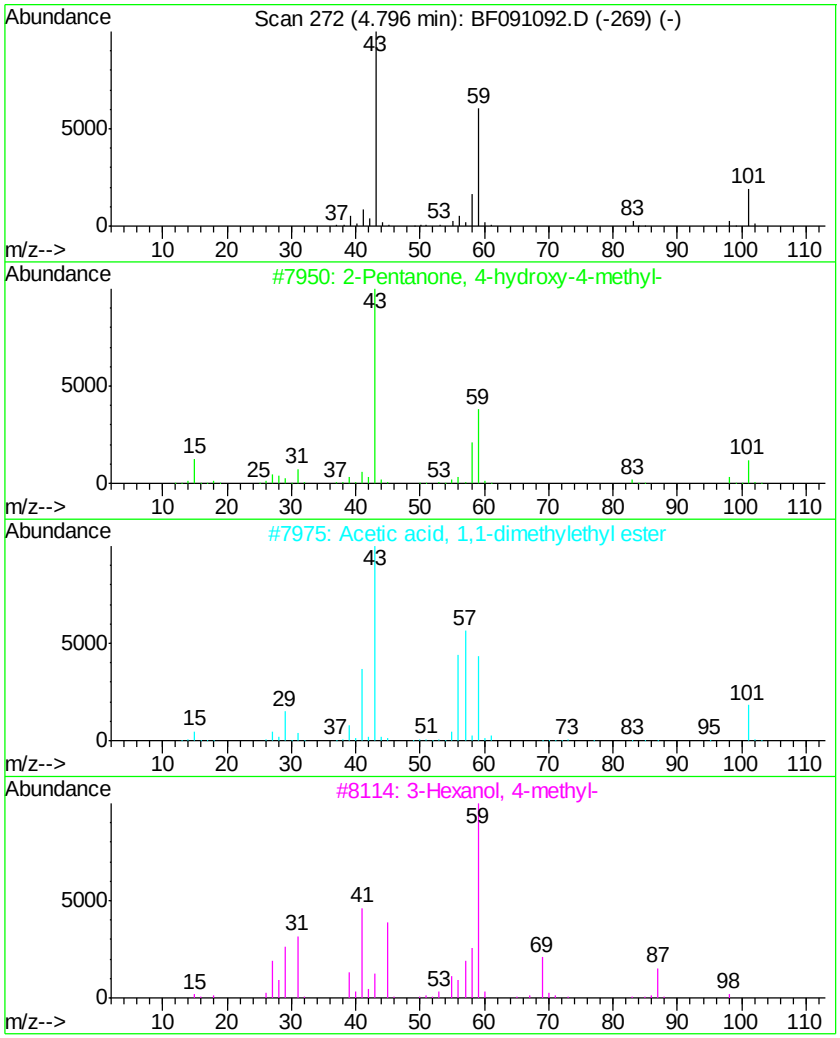
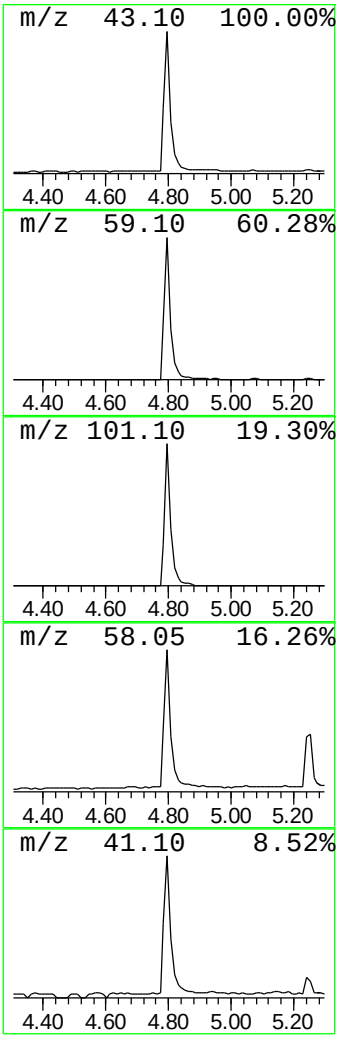
Peak Number 2 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.80	8.99 ng	485420	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
2	Acetic acid, 1,1-dimethylethyl e...	116	C6H12O2	000540-88-5	39
3	3-Hexanol, 4-methyl-	116	C7H16O	000615-29-2	28
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	23
5	Morpholine, 4-methyl-	101	C5H11NO	000109-02-4	9





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Instrument : BNA_F
ClientSampleId : DRW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

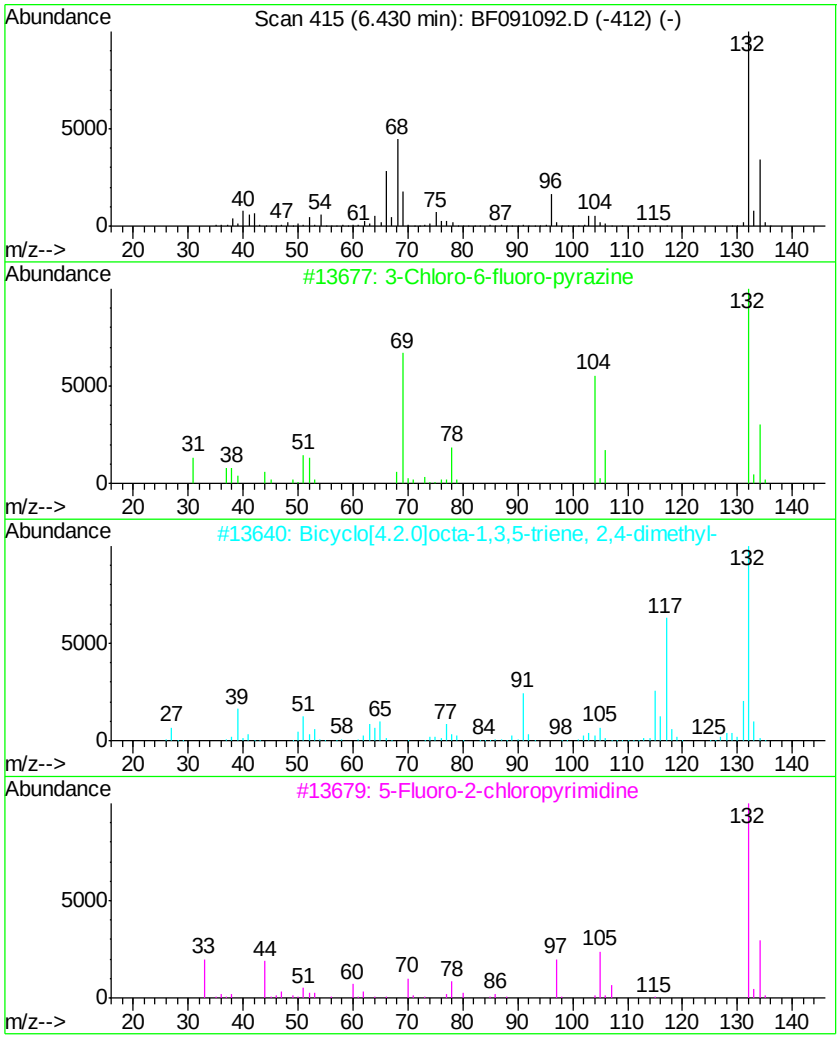
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

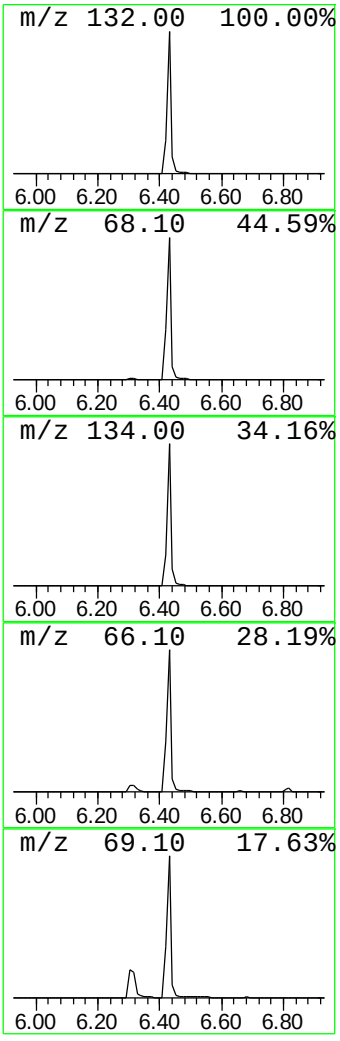
****

Peak Number 3 unknown6.43 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.43	80.12 ng	4326660	1,4-Dichlorobenzene-d4	6.66

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Chloro-6-fluoro-pyrazine	132	C4H2ClFN2	1000146-10-7	16
2	Bicyclo[4.2.0]octa-1,3,5-triene,...	132	C10H12	028749-81-7	9
3	5-Fluoro-2-chloropyrimidine	132	C4H2ClFN2	062802-42-0	9
4	4-Chloro-6-fluoro-pyrimidine	132	C4H2ClFN2	051422-01-6	9
5	4-Chloro-2-fluoro-pyrimidine	132	C4H2ClFN2	051422-00-5	9





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA F\DATA\BF110816\
Data File : BF091092.D
Acq On : 8 Nov 2016 19:55
Operator : UM/SJ
Sample : H5581-07
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : DRW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

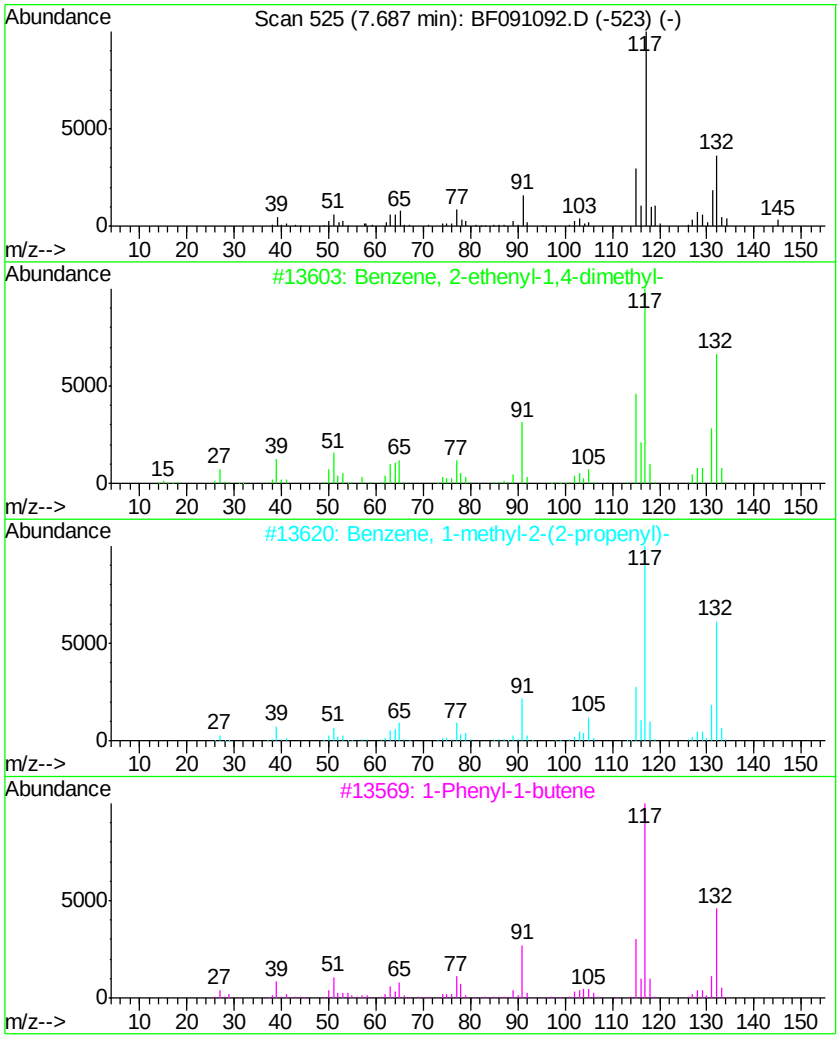
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

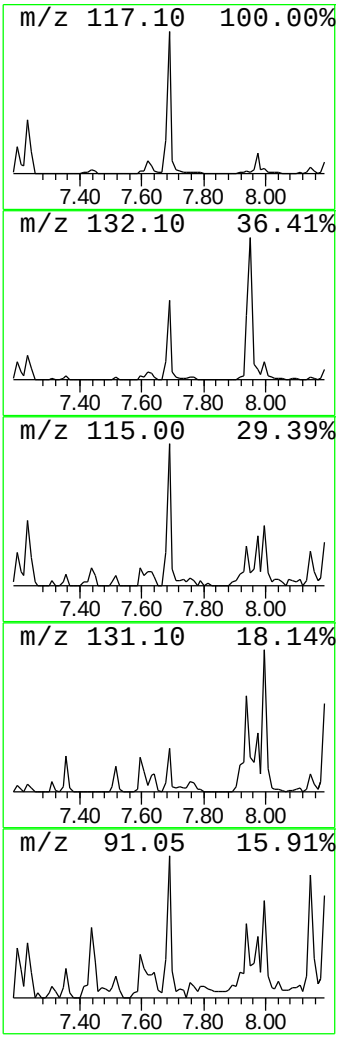
****

Peak Number 5 Benzene, 2-ethenyl-1,4-dime... Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
7.69	2.30 ng	170796	Naphthalene-d8	7.95

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 2-ethenyl-1,4-dimethyl-	132	C10H12	002039-89-6	91
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	90
3	1-Phenyl-1-butene	132	C10H12	000824-90-8	90
4	Benzene, (1-methyl-1-propenyl)-,...	132	C10H12	000768-00-3	90
5	Indan, 1-methyl-	132	C10H12	000767-58-8	90





Tentatively Identified Compound (LSC) summary

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Instrument : BNA_F
ClientSampleId : DRW1

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.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
2-Pentanone, 4-hy...	4.80	9.0	ng	485420	1	6.66	1080030	20.0
unknown6.43	6.43	80.1	ng	4326660	1	6.66	1080030	20.0
Benzene, 2-etheny...	7.69	2.3	ng	170796	2	7.95	1482860	20.0