LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008330.D
Acq On : 15 Dec 2016 04:01
Operator : UM/SJ
Sample : H5976-09DL2 50X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P1DL2

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 1 % 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_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Title : SVOA CALIBRATION

Signal : TIC

peak #	R.T. min	first scan	max scan	last scan	PK TY	peak height	corr. area	corr. % max.	% of total
1	7.669	858	864	879	rBV	367514	657545	32.40%	5.093%
2	8.028	918	925	939	rBV	494974	862386	42.50%	6.680%
3	9.151	1108	1116	1123	rBV3	32758	80003	3.94%	0.620%
4	9.698	1204	1209	1218	rBV2	22618	39310	1.94%	0.304%
5	9.845	1228	1234	1240	rBV2	52489	95112	4.69%	0.737%
6	10.439	1329	1335	1339	rBV	516743	893587	44.03%	6.922%
7	10.492	1339	1344	1362	rVB	1093058	2029382	100.00%	15.720%
8	12.116	1614	1620	1637	rBV	330019	646300	31.85%	5.006%
9	12.339	1650	1658	1666	rBV	236540	430470	21.21%	3.334%
10	13.639	1872	1879	1885	rBV3	16020	30238	1.49%	0.234%
11	14.016	1938	1943	1946	rBV3	16146	27217	1.34%	0.211%
12	14.310	1986	1993	1999	rBV	834039	1229325	60.58%	9.522%
13	14.374	1999	2004	2017	rVB	229354	389003	19.17%	3.013%
14	14.727	2058	2064	2076	rBV	100803	171147	8.43%	1.326%
15	15.321	2157	2165	2169	rBV	31111	44372	2.19%	0.344%
16	15.380	2169	2175	2185	rVB	97448	164110	8.09%	1.271%
17	15.539	2197	2202	2210	rBV6	13647	30144	1.49%	0.233%
18	17.068	2456	2462	2467	rBV	897680	1355381	66.79%	10.499%
19	17.109	2467	2469	2476	rVV	60865	84623	4.17%	0.655%
20	17.180	2476	2481	2490	rVB2	29766	49122	2.42%	0.381%
21	17.492	2528	2534	2543	rVB	118065	190328	9.38%	1.474%
22	18.104	2632	2638	2643	rBV4	11338	23549	1.16%	0.182%
23	19.480	2867	2872	2879	rBV	31284	52779	2.60%	0.409%
24	21.268	3170	3176	3185	rBV	1131874	1697610	83.65%	13.150%
25	23.497	3549	3555	3568	rVB	786007	1636759	80.65%	12.678%

Sum of corrected areas: 12909802

LSC Report - Integrated Chromatogram

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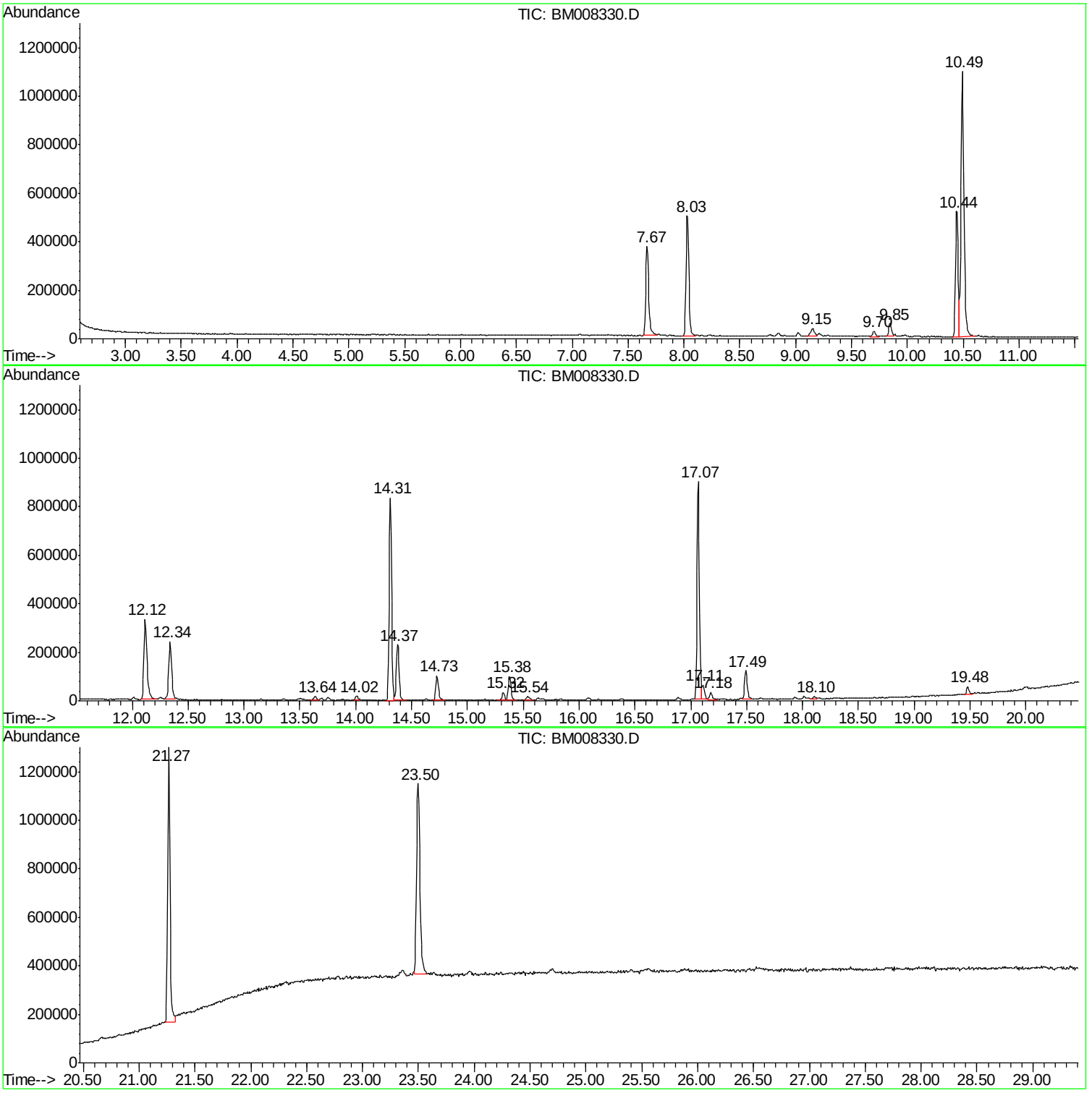
ClientSampleId : DA8P1DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM121416\
Data File : BM008330.D
Acq On : 15 Dec 2016 04:01
Operator : UM/SJ
Sample : H5976-09DL2 50X
Misc :
ALS Vial : 55 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DA8P1DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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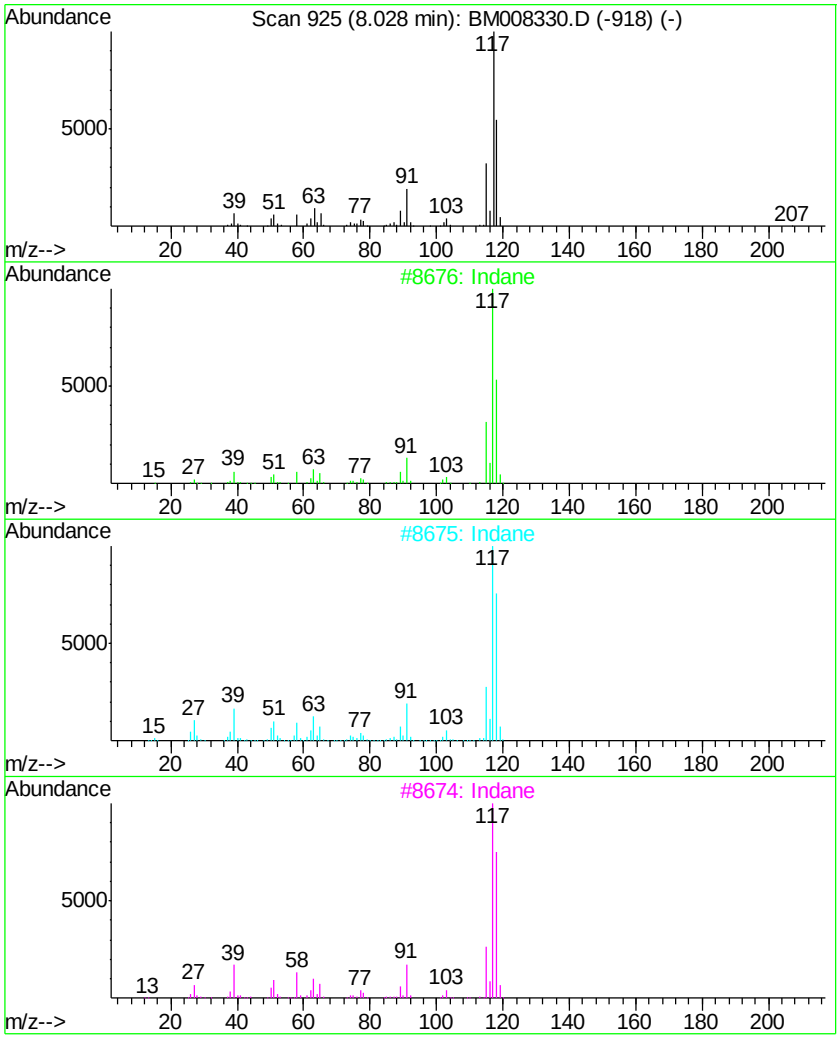
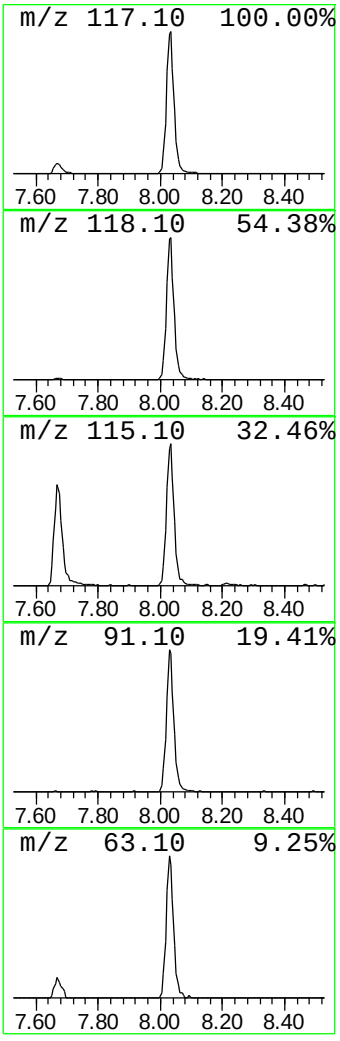
Peak Number 1 Indane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.03	26.23 ng/ul	862386	1,4-Dichlorobenzene-d4	7.67

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Indane	118	C9H10	000496-11-7	94
2	Indane	118	C9H10	000496-11-7	91
3	Indane	118	C9H10	000496-11-7	87
4	Indane	118	C9H10	000496-11-7	81
5	Benzene, 1,1'-(1-ethenyl-1,3-pro...	222	C17H18	061141-97-7	72





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Instrument : BNA_M
ClientSampleId : DA8P1DL2

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM02.2-EPA-BM121416.M
Quant Title : SVOA CALIBRATION

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

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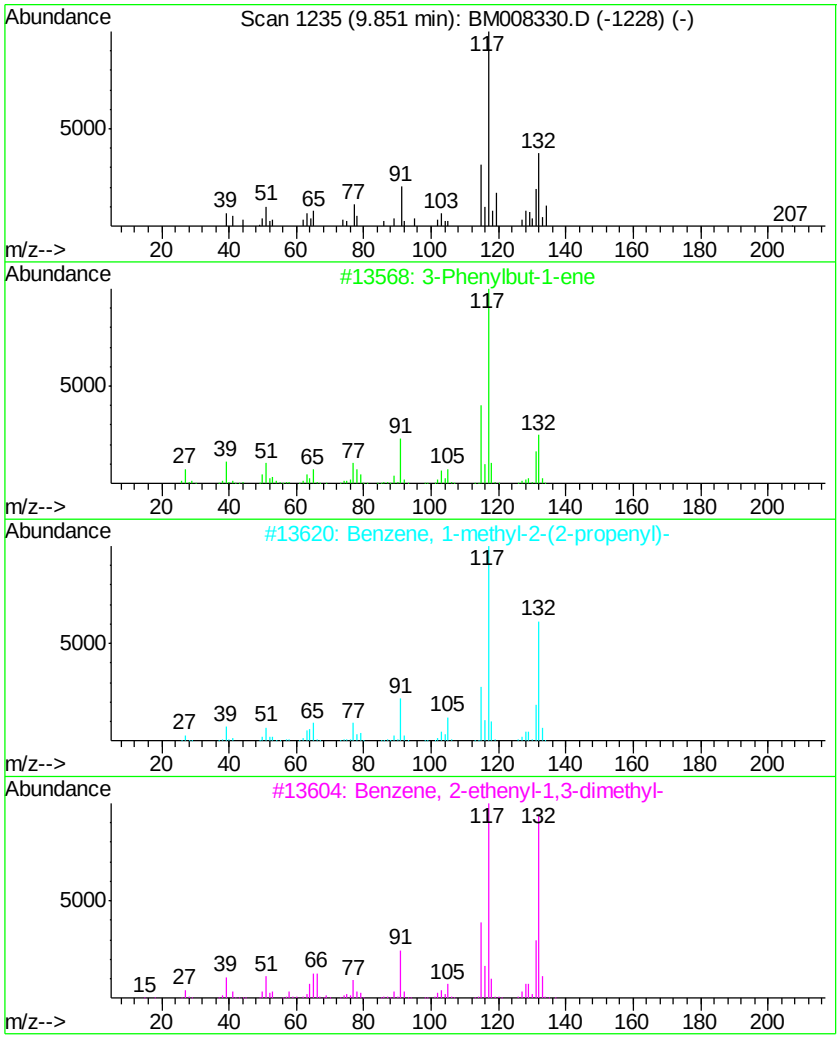
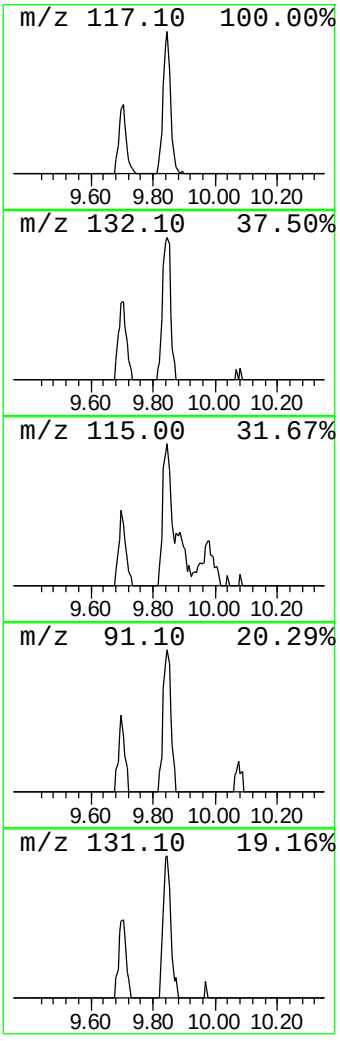
Peak Number 2 3-Phenylbut-1-ene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.85	2.13 ng/ul	95112	Naphthalene-d8	10.45

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Phenylbut-1-ene	132	C10H12	000934-10-1	90
2	Benzene, 1-methyl-2-(2-propenyl)-	132	C10H12	001587-04-8	87
3	Benzene, 2-ethenyl-1,3-dimethyl-	132	C10H12	002039-90-9	86
4	Indan, 1-methyl-	132	C10H12	000767-58-8	81
5	1H-Indene, 2,3-dihydro-5-methyl-	132	C10H12	000874-35-1	80





Tentatively Identified Compound (LSC) summary

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Quant Title : SVOA 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
Indane	8.03	26.2	ng/ul	862386	1	7.67	657545	20.0
3-Phenylbut-1-ene	9.85	2.1	ng/ul	95112	2	10.45	893587	20.0