LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

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-BM102016.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	2.687	11	17	34	rVB	683473	1707392	12.51%	1.258%
2	2.828	37	41	49	rVB	188182	229591	1.68%	0.169%
3	2.957	57	63	78	rVB	316166	660953	4.84%	0.487%
4	4.004	235	241	251	rBV	278344	393244	2.88%	0.290%
5	4.316	289	294	307	rBV	931794	1308328	9.59%	0.964%
6	4.910	390	395	405	rVB	125234	187604	1.38%	0.138%
7	5.293	454	460	467	rBV	120257	166827	1.22%	0.123%
8	5.422	476	482	495	rBV	295232	622193	4.56%	0.458%
9	5.787	538	544	552	rVB	93562	140572	1.03%	0.104%
10	6.951	731	742	755	rBV2	1293376	2942394	21.57%	2.168%
11	7.092	760	766	778	rVB	448462	696808	5.11%	0.513%
12	7.287	793	799	812	rBV	592608	940510	6.89%	0.693%
13	7.751	869	878	887	rBV	663672	1089759	7.99%	0.803%
14	8.457	992	998	1010	rBV	667356	1105548	8.10%	0.815%
15	8.910	1067	1075	1078	rBV	525988	921826	6.76%	0.679%
16	8.951	1078	1082	1093	rVB	942088	1545757	11.33%	1.139%
17	9.469	1162	1170	1181	rBV	1731373	2721973	19.95%	2.006%
18	9.628	1189	1197	1206	rBV	407201	700192	5.13%	0.516%
19	10.163	1281	1288	1300	rBV	624391	1148336	8.42%	0.846%
20	10.533	1340	1351	1355	rBV	852345	1527373	11.20%	1.126%
21	10.581	1355	1359	1369	rVV	2411748	4005406	29.36%	2.952%
22	10.680	1369	1376	1392	rVB	420607	833214	6.11%	0.614%
23	12.198	1626	1634	1643	rBV	2238398	3669712	26.90%	2.704%
24	12.810	1732	1738	1760	rBV	2220649	3566958	26.14%	2.628%
25	13.216	1800	1807	1815	rBV	2301682	3518082	25.79%	2.592%
26	13.798	1900	1906	1910	rBV	1309091	1833368	13.44%	1.351%
27	13.845	1910	1914	1922	rVB	401835	580175	4.25%	0.428%
28	14.080	1947	1954	1956	rBV	1409767	2212151	16.21%	1.630%
29	14.104	1956	1958	1968	rVB	1386785	1855573	13.60%	1.367%
30	14.386	1997	2006	2013	rBV	1248184	1825848	13.38%	1.345%
31	14.604	2037	2043	2059	rBV	357538	710605	5.21%	0.524%
32	14.786	2067	2074	2081	rBV	3033208	4362519	31.98%	3.215%
33	15.210	2137	2146	2156	rBV	2437596	3315231	24.30%	2.443%
34	15.380	2169	2175	2183	rBV	1999502	2798733	20.51%	2.062%

LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

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-BM102016.M
Title : SVOA CALIBRATION

35	15.515	2192	2198	2212	rBV	355257	613048	4.49%	0.452%
36	16.092	2292	2296	2307	rBV	102410	194273	1.42%	0.143%
37	16.439	2349	2355	2362	rBV	2066119	2836727	20.79%	2.090%
38	16.786	2408	2414	2426	rBV	2216341	3223373	23.63%	2.375%
39	17.133	2467	2473	2478	rBV	1481621	2112095	15.48%	1.556%
40	17.233	2484	2490	2492	rBV	2150854	3106501	22.77%	2.289%
41	17.268	2492	2496	2509	rVB	3702514	5382516	39.45%	3.966%
42	17.539	2536	2542	2552	rBV	3891243	5556947	40.73%	4.095%
43	19.192	2815	2823	2830	rBV	4461674	5839104	42.80%	4.303%
44	19.527	2874	2880	2887	rBV	2814249	3827204	28.05%	2.820%
45	21.021	3130	3134	3145	rBV	184535	343920	2.52%	0.253%
46	21.227	3164	3169	3175	rBV	5085835	5329594	39.06%	3.927%
47	21.303	3176	3182	3195	rVV2	4762506	8302276	60.85%	6.118%
48	22.109	3314	3319	3326	rBV	4576236	5799356	42.51%	4.274%
49	23.427	3537	3543	3556	rVB2	2086440	3972765	29.12%	2.928%
50	23.568	3561	3567	3580	rVB2	1320857	2714326	19.90%	2.000%
51	25.850	3944	3955	3973	rVB2	4722081	13643016	100.00%	10.053%
52	26.544	4062	4073	4087	rVB	2270527	7063089	51.77%	5.205%

Sum of corrected areas: 135704885

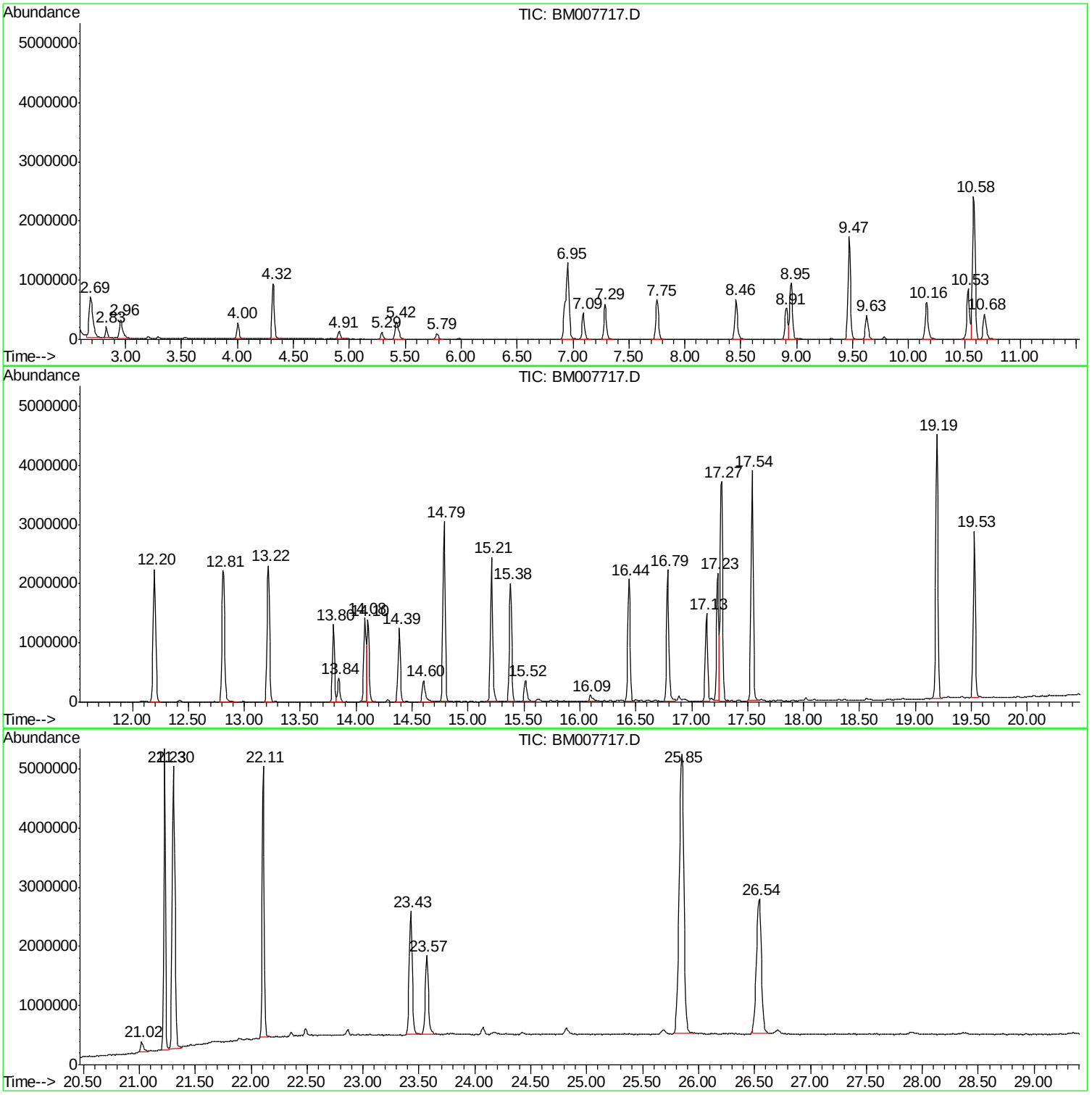
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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



Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

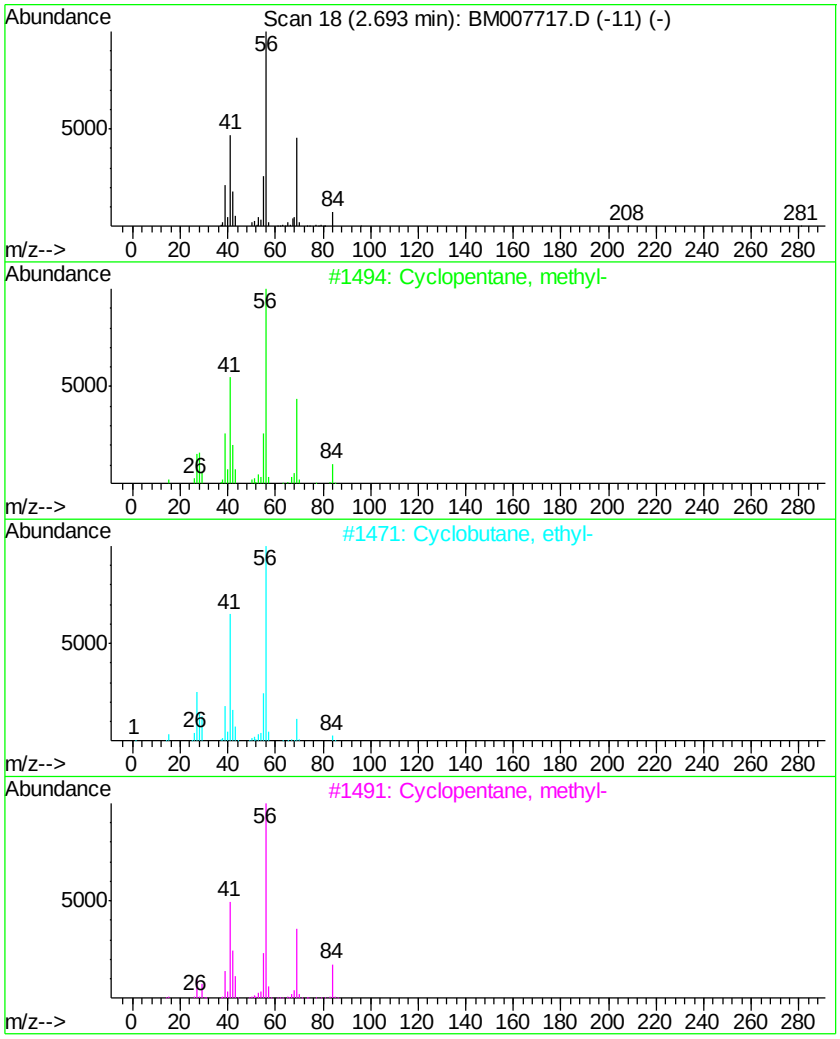
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

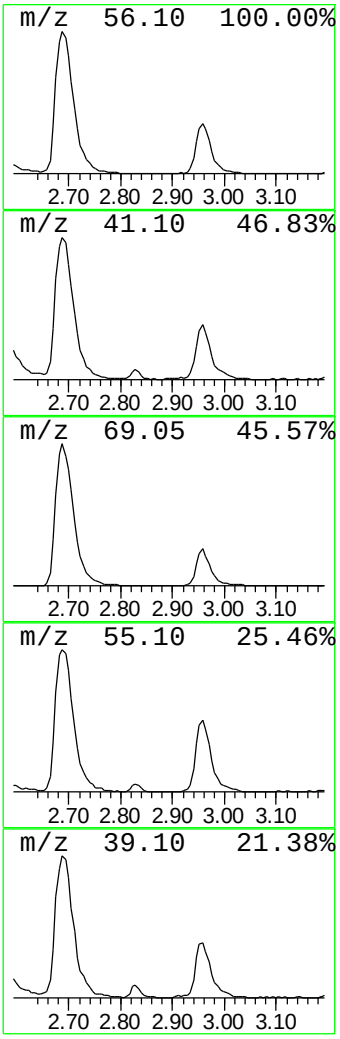
****

Peak Number 1 (DEL) Alkane: Cyclic2.69 Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.69	31.34 ng/ul	1707390	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, methyl-	84	C6H12	000096-37-7	90
2	Cyclobutane, ethyl-	84	C6H12	004806-61-5	78
3	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
4	Cyclopentane, methyl-	84	C6H12	000096-37-7	64
5	Cyclopentane, 1,1-dimethyl-	98	C7H14	001638-26-2	64





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

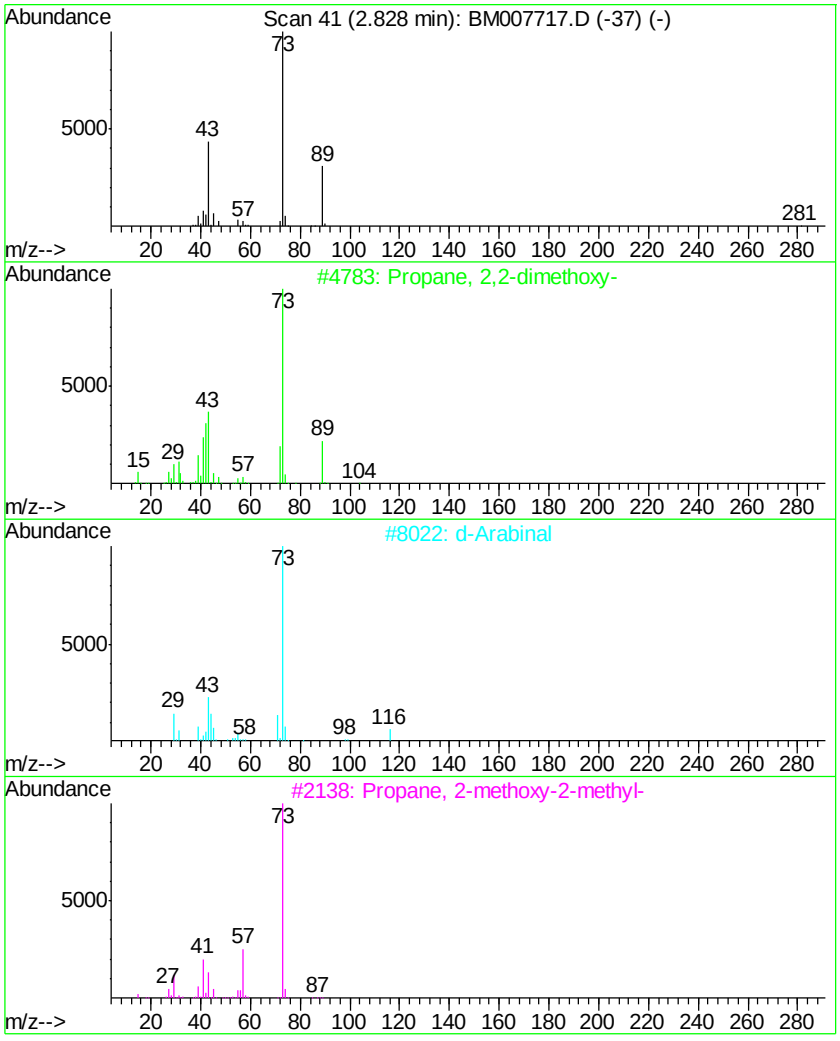
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

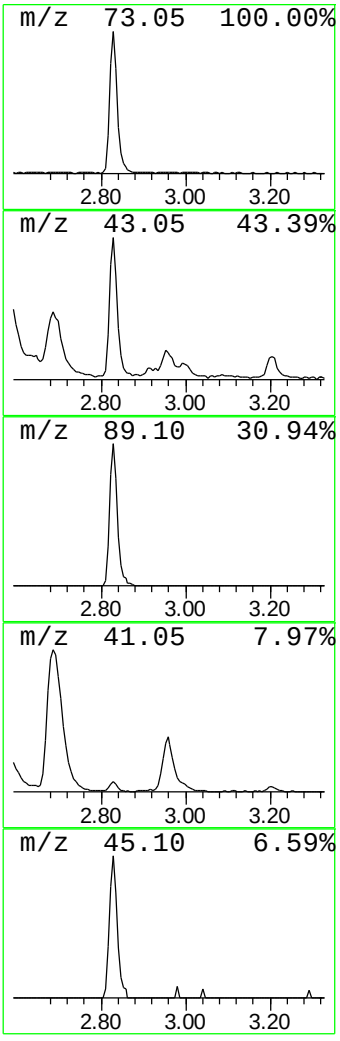
****

Peak Number 2 unknown-01 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.83	4.21 ng/ul	229591	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propane, 2,2-dimethoxy-	104	C5H12O2	000077-76-9	38
2	d-Arabinal	116	C5H8O3	000496-61-7	23
3	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
4	Propane, 2-methoxy-2-methyl-	88	C5H12O	001634-04-4	12
5	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	9





Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

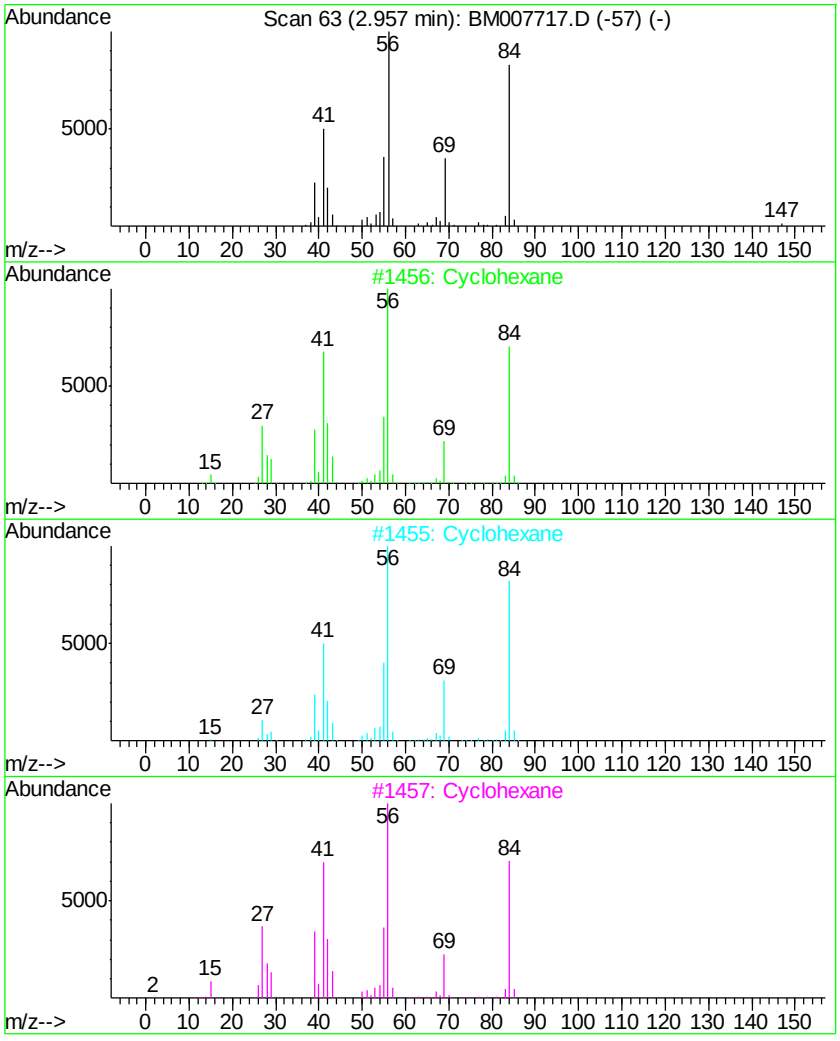
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

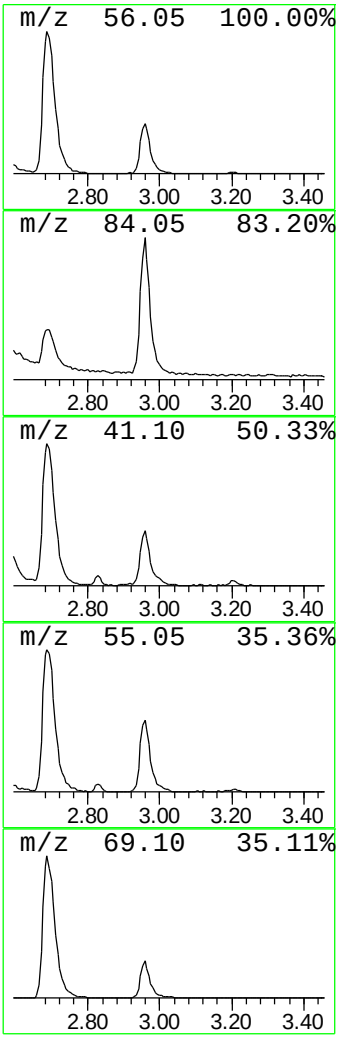
****

Peak Number 3 (DEL) Alkane: Cyclic2.96 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	12.13 ng/ul	660953	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclohexane	84	C6H12	000110-82-7	91
2	Cyclohexane	84	C6H12	000110-82-7	86
3	Cyclohexane	84	C6H12	000110-82-7	86
4	Cyclohexane	84	C6H12	000110-82-7	83
5	1-Pentene, 2-methyl-	84	C6H12	000763-29-1	78





Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
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Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

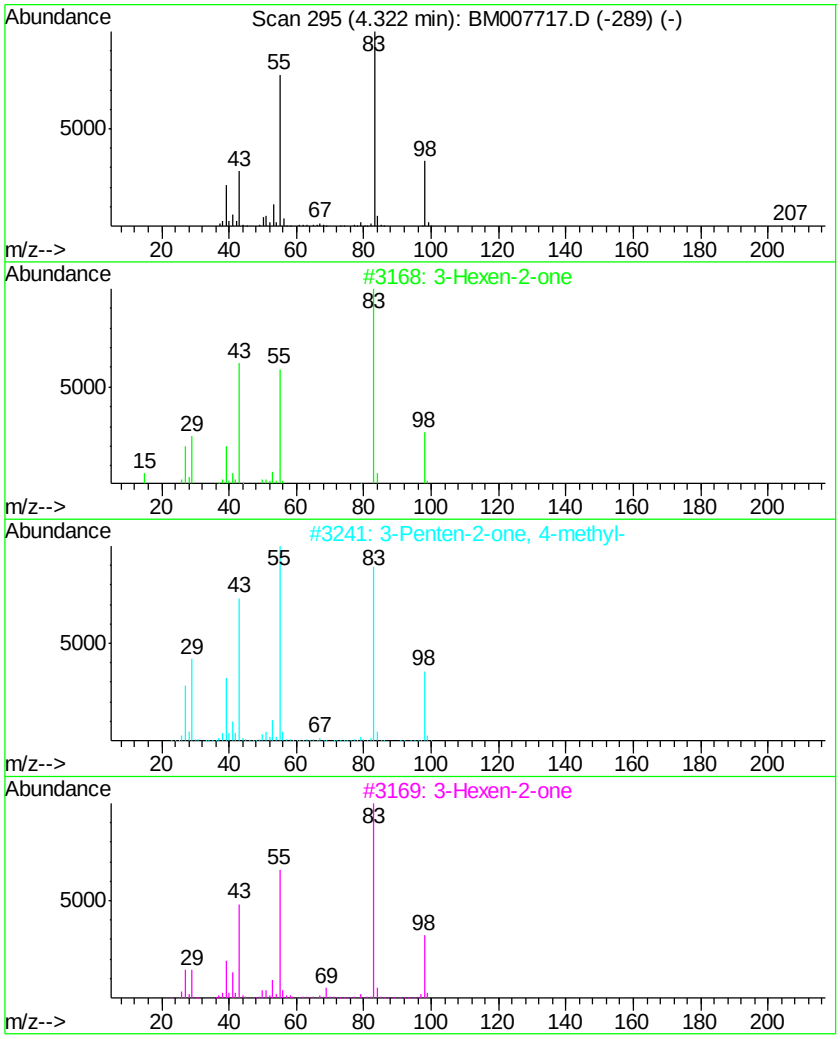
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

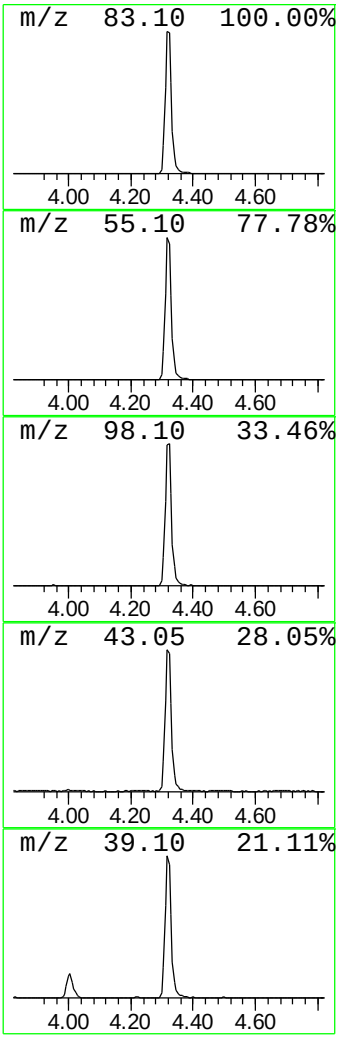
****

Peak Number 5 3-Hexen-2-one Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.32	24.01 ng/ul	1308330	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Hexen-2-one	98	C6H10O	000763-93-9	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
3	3-Hexen-2-one	98	C6H10O	000763-93-9	91
4	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
5	3-Hexen-2-one	98	C6H10O	000763-93-9	90





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Acq On : 24 Oct 2016 12:53
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Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

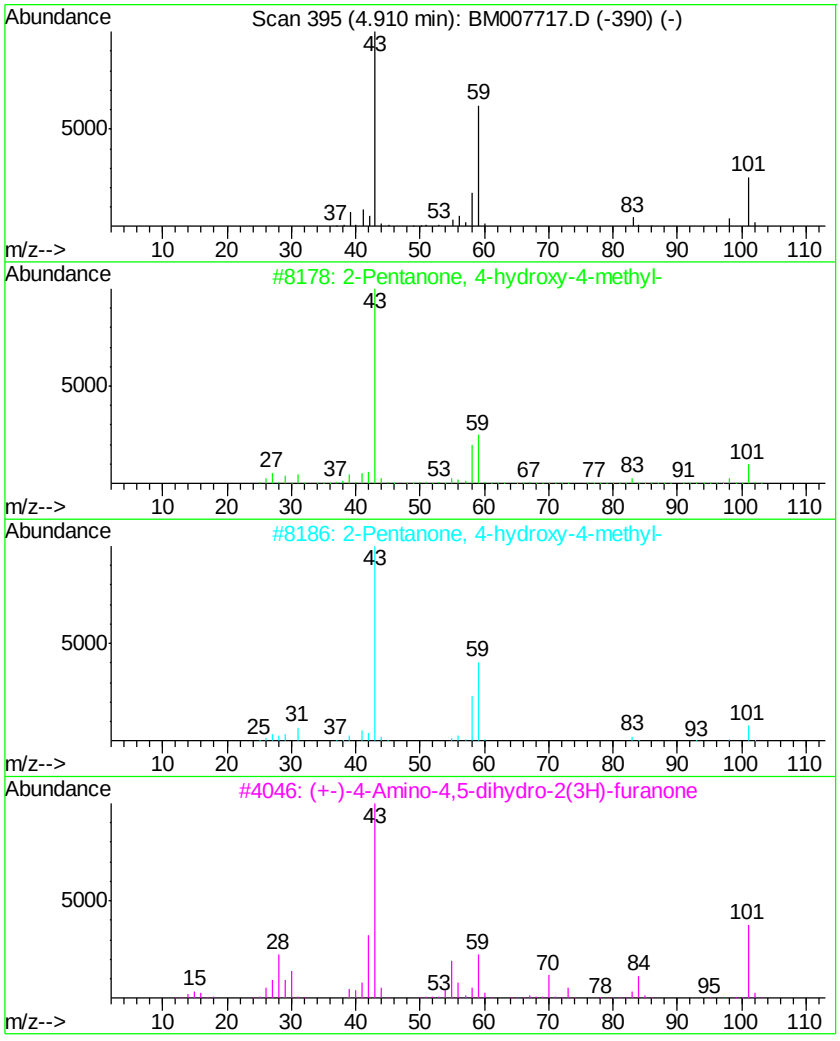
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

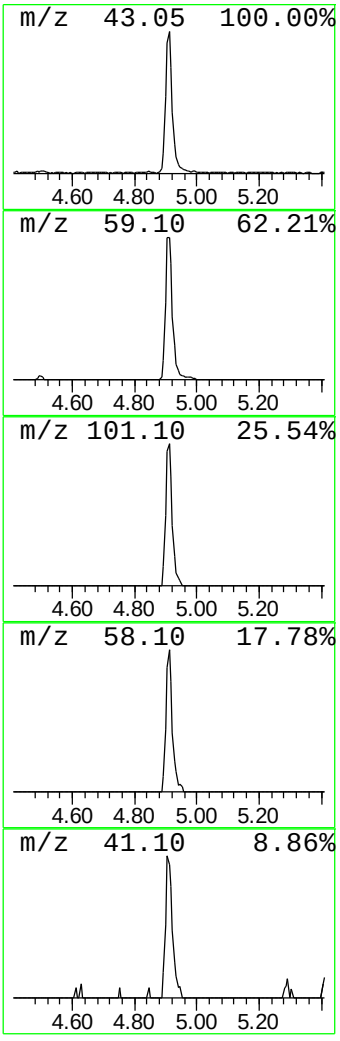
****

Peak Number 6 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.91	3.44 ng/ul	187604	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	59
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
3	(+-)-4-Amino-4,5-dihydro-2(3H)-f...	101	C4H7NO2	016504-58-8	47
4	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	42
5	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	17





Library Search Compound Report

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Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

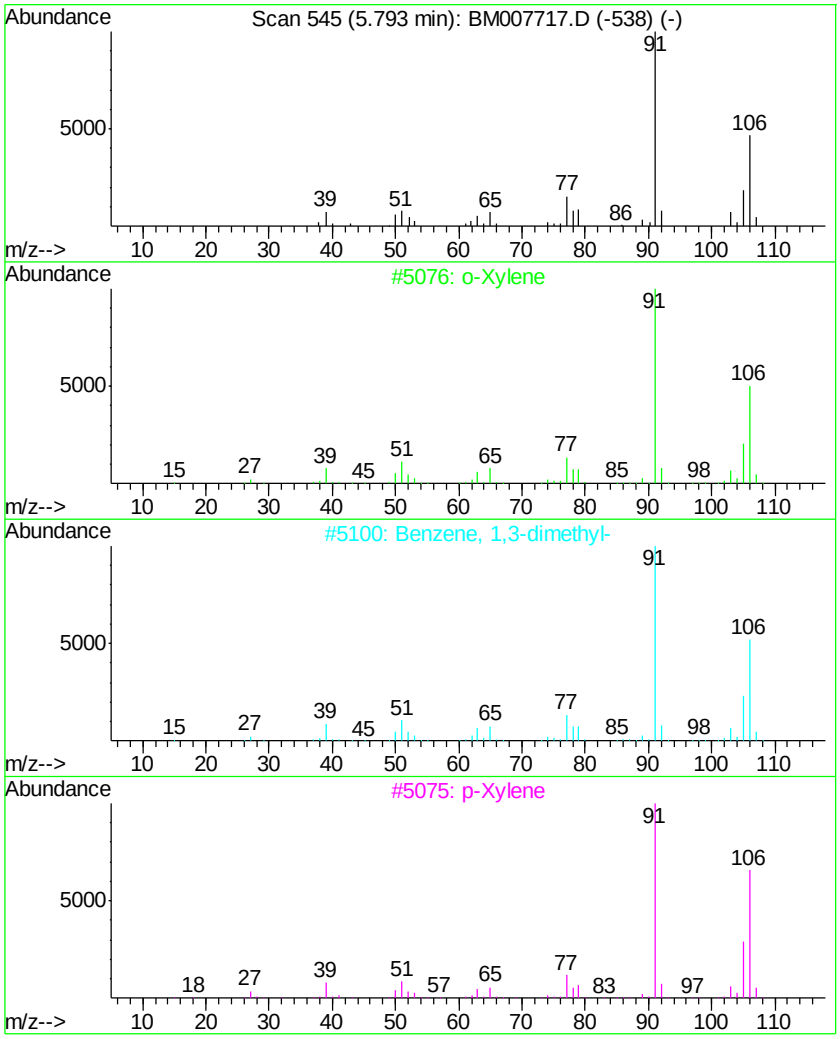
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

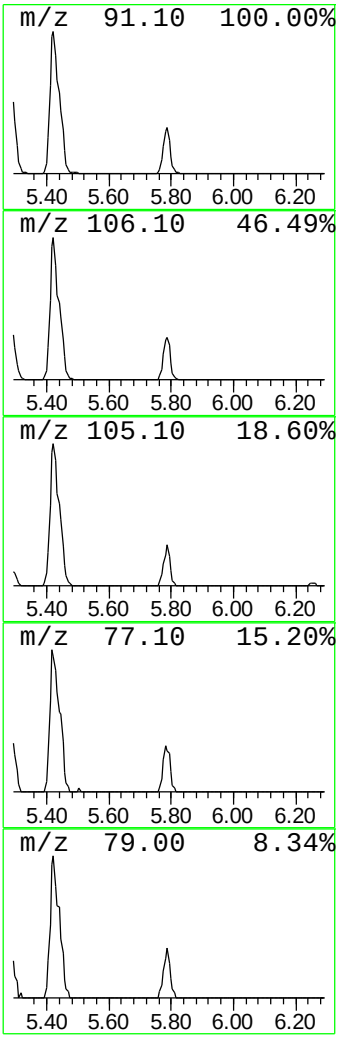
****

Peak Number 9 Benzene, 1,3-dimethyl- Concentration Rank 9

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.79	2.58 ng/ul	140572	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	o-Xylene	106	C8H10	000095-47-6	97
2	Benzene, 1,3-dimethyl-	106	C8H10	000108-38-3	97
3	p-Xylene	106	C8H10	000106-42-3	95
4	p-Xylene	106	C8H10	000106-42-3	95
5	o-Xylene	106	C8H10	000095-47-6	94





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\Data\BM102416\
Data File : BM007717.D
Acq On : 24 Oct 2016 12:53
Operator : UM/SJ
Sample : H5349-07
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : X2683

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM102016.M
Quant Title : SVOA CALIBRATION

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

					Internal Standard			
TIC Top Hit name	RT	EstConc	Units	Response	#	RT	Resp	Conc
(DEL) Alkane: Cyc...	2.69	31.3	ng/ul	1707390	1	7.75	1089760	20.0
unknown-01	2.83	4.2	ng/ul	229591	1	7.75	1089760	20.0
(DEL) Alkane: Cyc...	2.96	12.1	ng/ul	660953	1	7.75	1089760	20.0
3-Hexen-2-one	4.32	24.0	ng/ul	1308330	1	7.75	1089760	20.0
2-Pentanone, 4-hy...	4.91	3.4	ng/ul	187604	1	7.75	1089760	20.0
Benzene, 1,3-dime...	5.79	2.6	ng/ul	140572	1	7.75	1089760	20.0