LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.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	3.016	3	5	20	rVB	2519464	2728099	9.55%	2.309%
2	3.269	44	48	54	rVB	124206	155734	0.54%	0.132%
3	4.881	318	322	332	rVB2	31437	48426	0.17%	0.041%
4	5.081	349	356	367	rVB	3328390	4802539	16.80%	4.064%
5	6.892	657	664	674	rBV	906631	1440746	5.04%	1.219%
6	7.063	686	693	703	rBV	711789	1067820	3.74%	0.904%
7	7.257	719	726	737	rBV	943479	1418973	4.96%	1.201%
8	7.610	778	786	794	rVB	599872	938066	3.28%	0.794%
9	7.722	799	805	807	rVV	1084944	1662232	5.82%	1.407%
10	7.757	807	811	826	rVB	5882594	9358420	32.74%	7.919%
11	8.075	855	865	874	rBV	17049903	28580279	100.00%	24.186%
12	8.422	917	924	934	rBV	1080112	1669174	5.84%	1.413%
13	8.875	994	1001	1006	rBV	780456	1283864	4.49%	1.086%
14	8.910	1006	1007	1014	rVB	43499	54498	0.19%	0.046%
15	9.328	1071	1078	1086	rVB	163673	269938	0.94%	0.228%
16	9.586	1115	1122	1130	rBV	544017	905328	3.17%	0.766%
17	10.122	1206	1213	1222	rBV	1029114	1672586	5.85%	1.415%
18	10.281	1233	1240	1247	rVB2	42911	65535	0.23%	0.055%
19	10.369	1247	1255	1263	rBV	3775047	6313567	22.09%	5.343%
20	10.504	1270	1278	1286	rBV	1510476	2475857	8.66%	2.095%
21	10.639	1294	1301	1315	rBV	907607	1481933	5.19%	1.254%
22	10.886	1335	1343	1350	rBV	1516909	2552020	8.93%	2.160%
23	11.057	1365	1372	1376	rBV2	45685	79866	0.28%	0.068%
24	11.104	1376	1380	1384	rVV4	15547	28942	0.10%	0.024%
25	11.157	1384	1389	1395	rVB2	28114	39761	0.14%	0.034%
26	12.033	1532	1538	1543	rBV	48456	74755	0.26%	0.063%
27	12.092	1543	1548	1553	rVB2	19969	32049	0.11%	0.027%
28	12.504	1613	1618	1620	rBV	67988	102646	0.36%	0.087%
29	12.539	1620	1624	1630	rVB	185773	286788	1.00%	0.243%
30	13.151	1720	1728	1737	rBV2	1218784	2158706	7.55%	1.827%
31	13.251	1741	1745	1749	rVB3	20337	29843	0.10%	0.025%
32	13.369	1759	1765	1775	rBV	675446	983320	3.44%	0.832%
33	13.774	1828	1834	1839	rBV	1720651	2362447	8.27%	1.999%
34	13.821	1839	1842	1849	rVB	218598	282277	0.99%	0.239%

LSC Area Percent Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Integration Parameters: LSCINT.P
Integrator: RTE
Smoothing : OFF Filtering: 5
Sampling : 1 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Title : SVOA CALIBRATION

35	14.051	1874	1881	1889	rBV	2045535	2914624	10.20%	2.466%
36	14.121	1889	1893	1898	rVB3	41776	61733	0.22%	0.052%
37	14.363	1925	1934	1943	rVV2	2081499	3177333	11.12%	2.689%
38	14.557	1960	1967	1978	rBV	842217	1181052	4.13%	0.999%
39	14.674	1983	1987	1993	rVB	117700	167223	0.59%	0.142%
40	15.357	2096	2103	2109	rBV	2618178	3737076	13.08%	3.162%
41	15.398	2109	2110	2117	rVB2	48103	46356	0.16%	0.039%
42	15.468	2117	2122	2133	rBV	599703	865551	3.03%	0.732%
43	15.598	2140	2144	2148	rVB	24454	29484	0.10%	0.025%
44	17.109	2394	2401	2407	rBV	2605597	3616481	12.65%	3.060%
45	17.209	2411	2418	2430	rBV	2943616	4205444	14.71%	3.559%
46	17.809	2515	2520	2525	rVB3	34122	51135	0.18%	0.043%
47	18.015	2550	2555	2560	rBV	71455	95211	0.33%	0.081%
48	18.086	2560	2567	2574	rVB6	24296	53250	0.19%	0.045%
49	19.139	2741	2746	2752	rBV	43478	69970	0.24%	0.059%
50	19.298	2769	2773	2777	rBV2	46145	57529	0.20%	0.049%
51	19.386	2785	2788	2792	rVB	24835	30170	0.11%	0.026%
52	19.503	2802	2808	2816	rBV	3703319	5012407	17.54%	4.242%
53	21.027	3064	3067	3071	rBV2	58022	64085	0.22%	0.054%
54	21.297	3107	3113	3119	rBV	3598265	4582993	16.04%	3.878%
55	22.880	3379	3382	3388	rVB	149171	198675	0.70%	0.168%
56	23.391	3462	3469	3475	rBV	3061305	5431220	19.00%	4.596%
57	23.533	3486	3493	3507	rVB2	2519583	4821255	16.87%	4.080%
58	24.103	3586	3590	3597	rVB	165928	292350	1.02%	0.247%

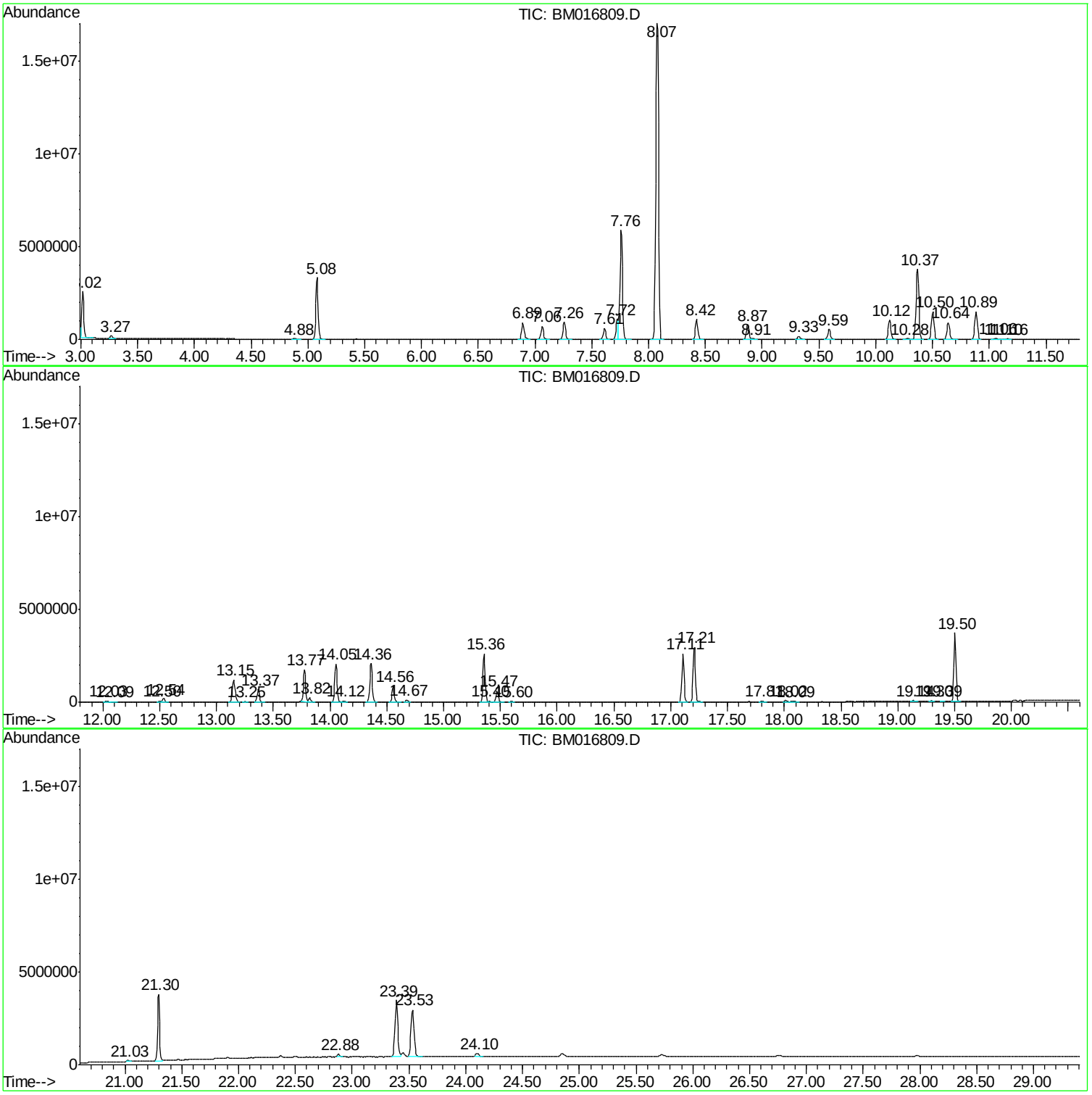
Sum of corrected areas: 118169641

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C08L4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

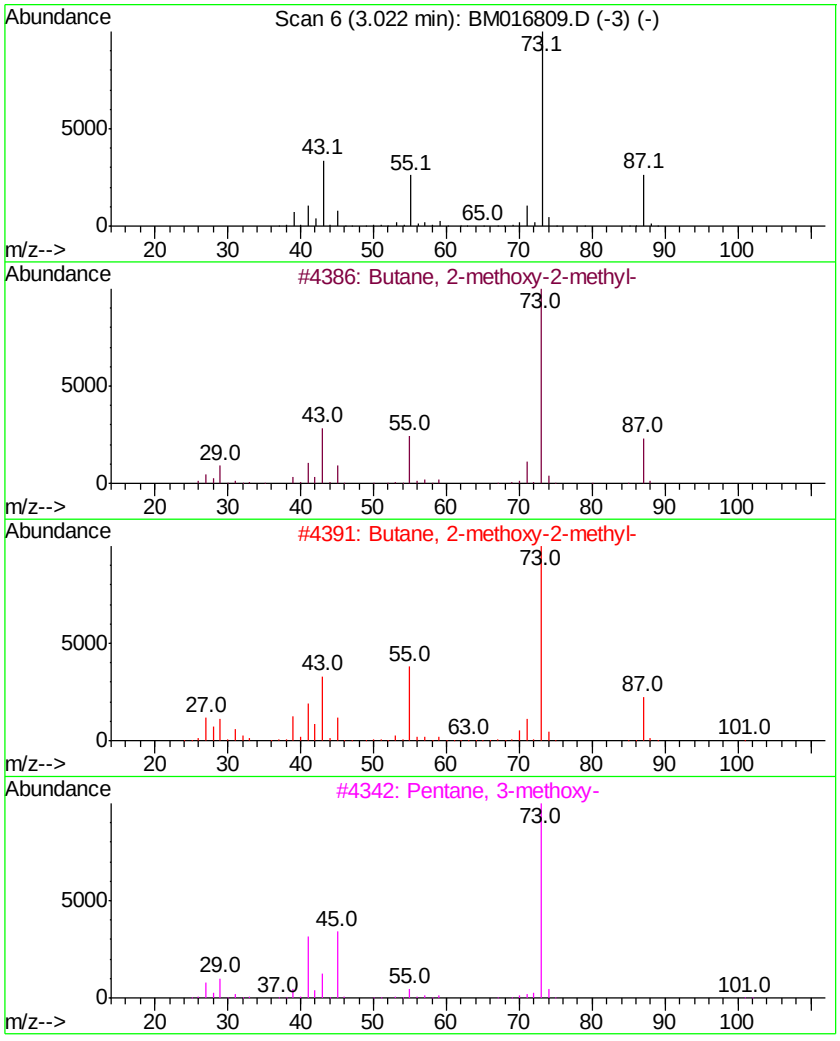
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

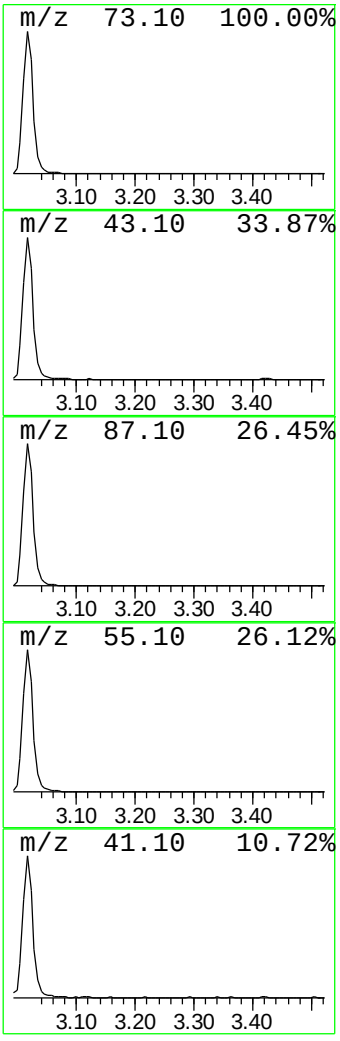
****

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	32.82 ng/ul	2728100	1,4-Dichlorobenzene-d4	7.72

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	59
3	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4	Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9





Library Search Compound Report

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

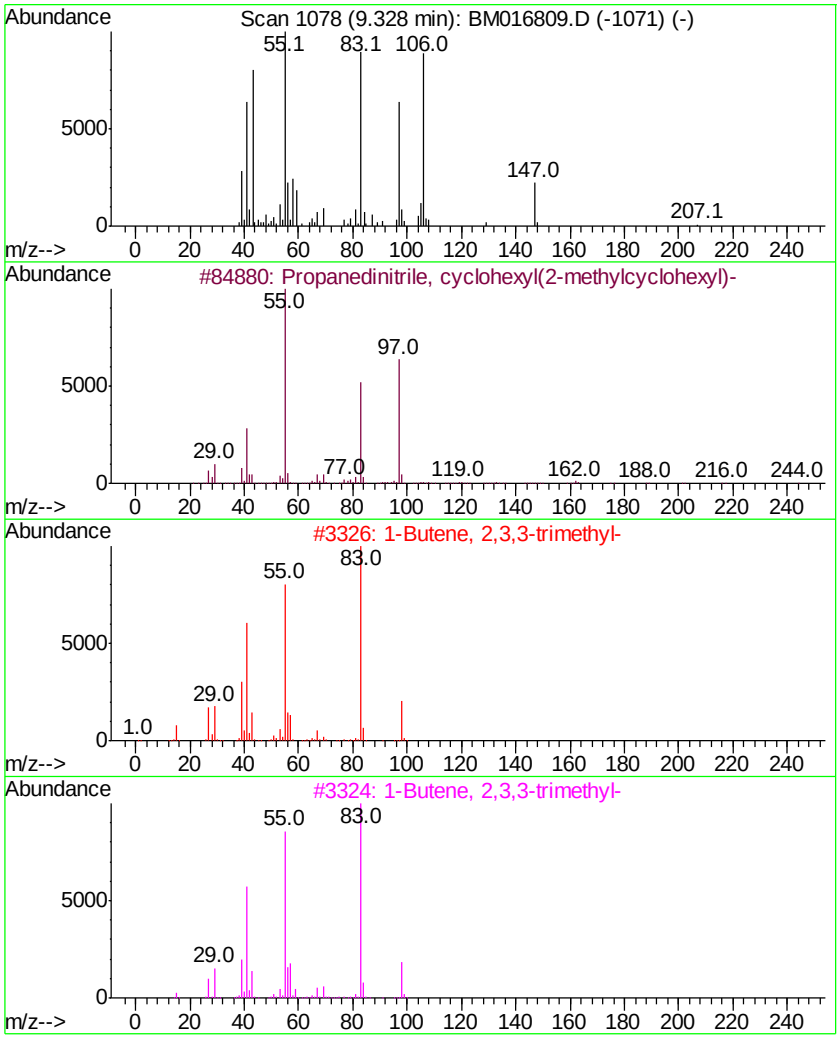
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

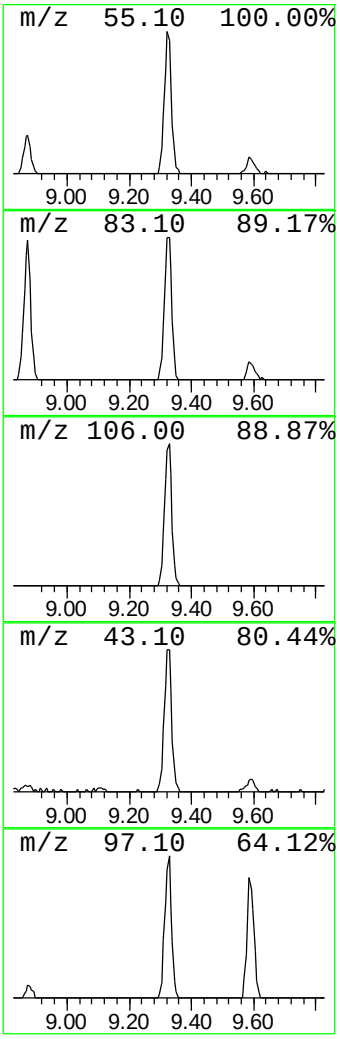
****

Peak Number 5 unknown-01 Concentration Rank 8

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.33	2.18 ng/ul	269938	Naphthalene-d8	10.50

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	35
2	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
3	1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
4	2-Pentene, 3,4-dimethyl-, (Z)-	98	C7H14	004914-91-4	25
5	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	25





Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION

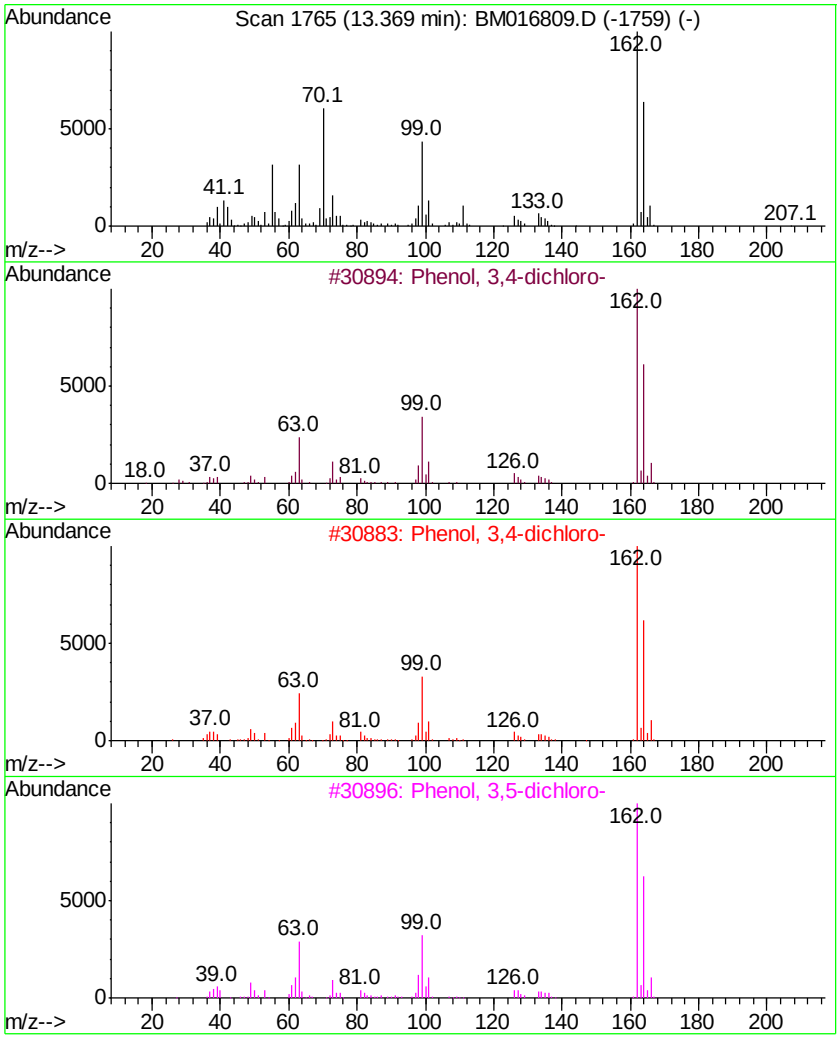
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

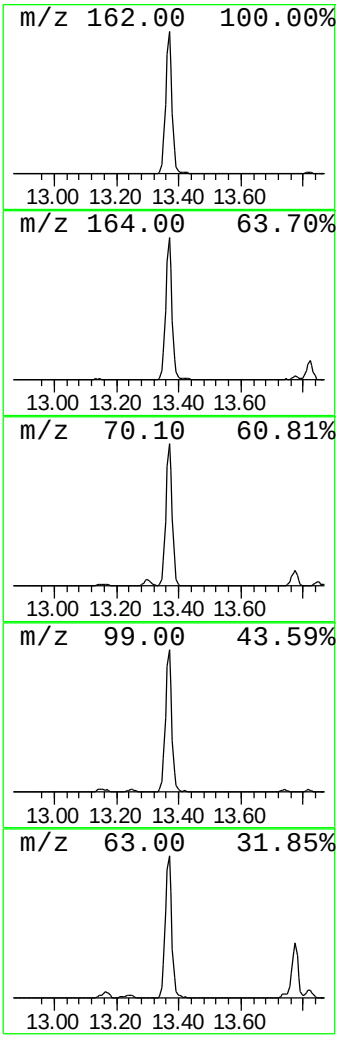
****

Peak Number 8 Phenol, 3,4-dichloro- Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.37	6.19 ng/ul	983320	Acenaphthene-d10	14.36

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	98
2	Phenol, 3,4-dichloro-	162	C6H4Cl2O	000095-77-2	97
3	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	95
4	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	94
5	Phenol, 3,5-dichloro-	162	C6H4Cl2O	000591-35-5	92





Tentatively Identified Compound (LSC) summary

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM091918\
Data File : BM016809.D
Acq On : 19 Sep 2018 23:02
Operator : SJ/JU
Sample : J4896-09
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C08L4

Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
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
Butane, 2-methoxy...	3.02	32.8	ng/ul	2728100	1	7.72	1662230	20.0
unknown-01	9.33	2.2	ng/ul	269938	2	10.50	2475860	20.0
Phenol, 3,4-dichl...	13.37	6.2	ng/ul	983320	3	14.36	3177330	20.0