LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
Data File : BM000396.D
Acq On : 29 Jan 2015 21:21
Operator : TP/IZ
Sample : G1135-02RX
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW3RX

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.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	2.734	3	8	27	rVB	1726696	2748285	63.85%	5.712%
2	2.881	28	33	42	rVV	534053	965097	22.42%	2.006%
3	2.958	42	46	57	rVB	285942	412131	9.57%	0.857%
4	3.193	81	86	94	rBV	787730	1272553	29.56%	2.645%
5	3.252	94	96	103	rVB2	48747	68975	1.60%	0.143%
6	3.687	166	170	171	rBV3	5743	5440	0.13%	0.011%
7	4.281	265	271	278	rBV	92181	135083	3.14%	0.281%
8	4.387	286	289	290	rBV3	4152	4865	0.11%	0.010%
9	4.487	297	306	318	rBV	2243717	3593871	83.49%	7.469%
10	4.875	365	372	378	rBV3	19595	31851	0.74%	0.066%
11	5.175	419	423	425	rBV4	3961	5358	0.12%	0.011%
12	5.969	555	558	559	rBV3	5880	6801	0.16%	0.014%
13	6.387	626	629	633	rVB5	13148	16847	0.39%	0.035%
14	6.916	712	719	727	rVB	134729	217131	5.04%	0.451%
15	7.087	742	748	759	rVV	403426	614006	14.26%	1.276%
16	7.181	763	764	769	rVB3	4527	5092	0.12%	0.011%
17	7.287	775	782	790	rBV	468709	764008	17.75%	1.588%
18	7.375	792	797	802	rBV2	31015	45719	1.06%	0.095%
19	7.751	854	861	870	rBV	557899	897507	20.85%	1.865%
20	7.869	875	881	885	rBV5	7497	11105	0.26%	0.023%
21	8.457	972	981	989	rBV	391703	633541	14.72%	1.317%
22	8.510	989	990	995	rVB4	4672	6529	0.15%	0.014%
23	8.910	1050	1058	1067	rBV	657982	1024946	23.81%	2.130%
24	9.628	1173	1180	1193	rVB	547530	907639	21.09%	1.886%
25	10.163	1264	1271	1283	rBV	770058	1255295	29.16%	2.609%
26	10.545	1328	1336	1344	rBV	779203	1289082	29.95%	2.679%
27	10.675	1352	1358	1360	rBV3	2763	4630	0.11%	0.010%
28	12.069	1591	1595	1602	rVV3	16950	27730	0.64%	0.058%
29	12.139	1602	1607	1613	rVB4	13845	22808	0.53%	0.047%
30	12.816	1719	1722	1724	rBV2	3291	4612	0.11%	0.010%
31	13.810	1884	1891	1897	rBV	1771218	2432659	56.51%	5.056%
32	14.092	1933	1939	1953	rBV	1563546	2215003	51.46%	4.603%
33	14.233	1957	1963	1969	rBV2	30198	55822	1.30%	0.116%
34	14.398	1984	1991	2000	rBV	1208344	1795188	41.70%	3.731%

LSC Area Percent Report

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Acq On : 29 Jan 2015 21:21
Operator : TP/IZ
Sample : G1135-02RX
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW3RX

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:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Title : SVOA CALIBRATION

35	14.592	2019	2024	2030	rBV	133418	204949	4.76%	0.426%
36	15.392	2154	2160	2168	rBV	2318104	3294182	76.53%	6.846%
37	15.510	2173	2180	2189	rBV	851194	1147969	26.67%	2.386%
38	15.568	2189	2190	2195	rVB2	4281	5251	0.12%	0.011%
39	15.633	2195	2201	2207	rBV5	21063	30319	0.70%	0.063%
40	16.351	2320	2323	2326	rVB4	5189	6737	0.16%	0.014%
41	16.704	2380	2383	2387	rVB4	3782	6379	0.15%	0.013%
42	16.933	2418	2422	2427	rVB4	9262	12490	0.29%	0.026%
43	17.145	2451	2458	2467	rBV	1751599	2450436	56.93%	5.093%
44	17.245	2468	2475	2486	rVV2	2652204	3735417	86.78%	7.763%
45	17.815	2569	2572	2574	rBV3	4632	5068	0.12%	0.011%
46	18.033	2605	2609	2614	rBV3	29633	39250	0.91%	0.082%
47	18.192	2635	2636	2641	rVB2	4269	4865	0.11%	0.010%
48	18.586	2701	2703	2706	rBV3	6209	6856	0.16%	0.014%
49	18.915	2755	2759	2761	rBV4	4208	4971	0.12%	0.010%
50	19.174	2799	2803	2807	rBV	26389	31308	0.73%	0.065%
51	19.321	2822	2828	2831	rBV4	33816	42582	0.99%	0.088%
52	19.351	2831	2833	2837	rVB5	4838	5566	0.13%	0.012%
53	19.427	2843	2846	2851	rVB3	21453	28050	0.65%	0.058%
54	19.545	2859	2866	2880	rVB	3095938	4304507	100.00%	8.946%
55	19.774	2900	2905	2908	rBV5	6522	9848	0.23%	0.020%
56	20.309	2995	2996	2998	rBV2	8014	5336	0.12%	0.011%
57	20.433	3013	3017	3018	rBV4	4584	5668	0.13%	0.012%
58	21.050	3119	3122	3125	rVB4	7603	6389	0.15%	0.013%
59	21.127	3132	3135	3139	rVB4	26492	31155	0.72%	0.065%
60	21.245	3151	3155	3160	rBV2	32625	46456	1.08%	0.097%
61	21.333	3165	3170	3181	rVV	2342600	2959867	68.76%	6.152%
62	21.480	3193	3195	3198	rVB4	14407	11285	0.26%	0.023%
63	21.809	3250	3251	3252	rBV	10677	4877	0.11%	0.010%
64	22.374	3345	3347	3352	rVB5	17420	20940	0.49%	0.044%
65	23.450	3522	3530	3538	rBV2	1956940	3630416	84.34%	7.545%
66	23.591	3547	3554	3563	rVB2	1316380	2492933	57.91%	5.181%
67	24.591	3722	3724	3725	rBV2	13429	10627	0.25%	0.022%
68	25.721	3914	3916	3917	rBV2	17814	15894	0.37%	0.033%

Sum of corrected areas: 48116052

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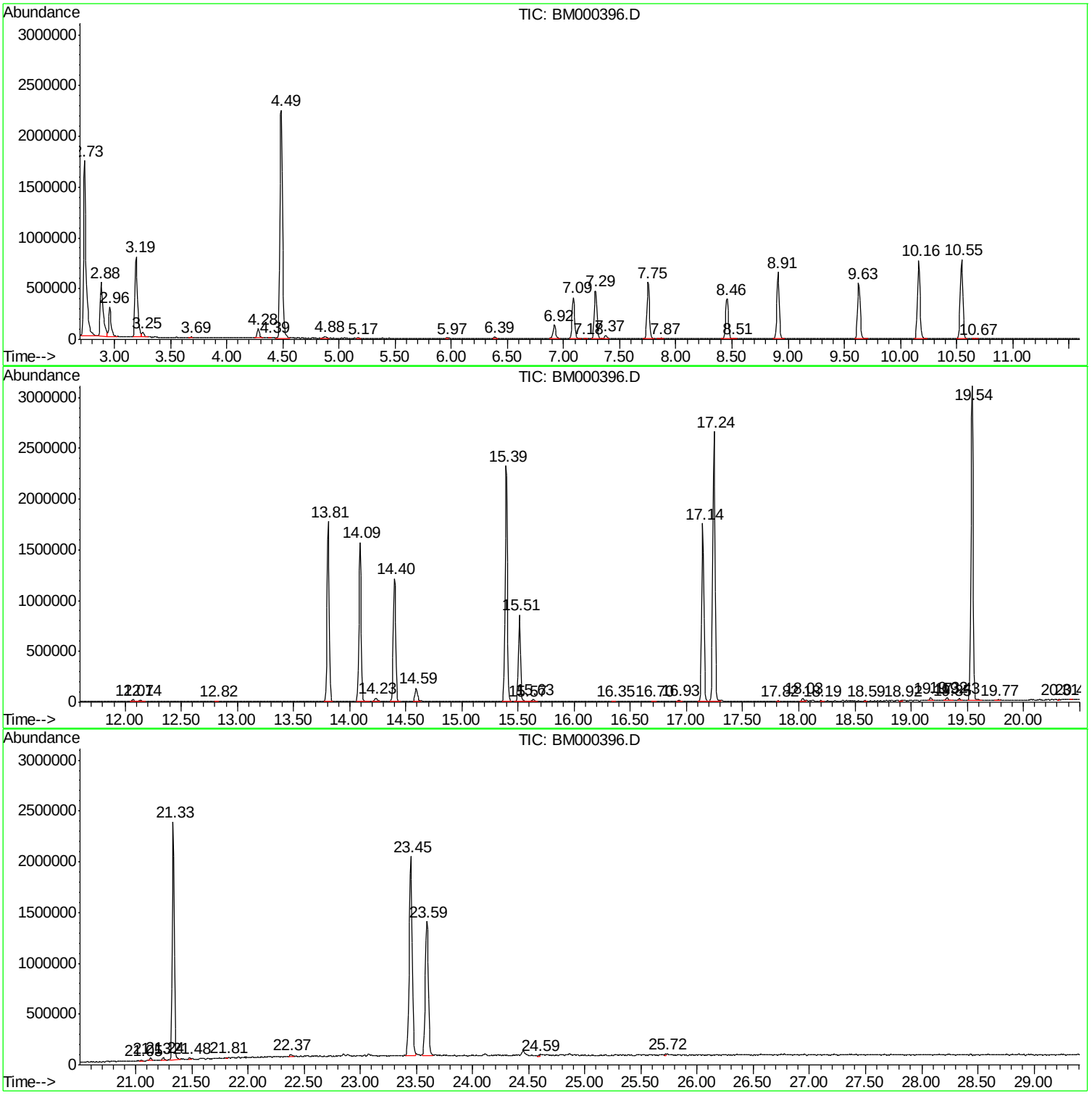
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW3RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
Data File : BM000396.D
Acq On : 29 Jan 2015 21:21
Operator : TP/IZ
Sample : G1135-02RX
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW3RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION

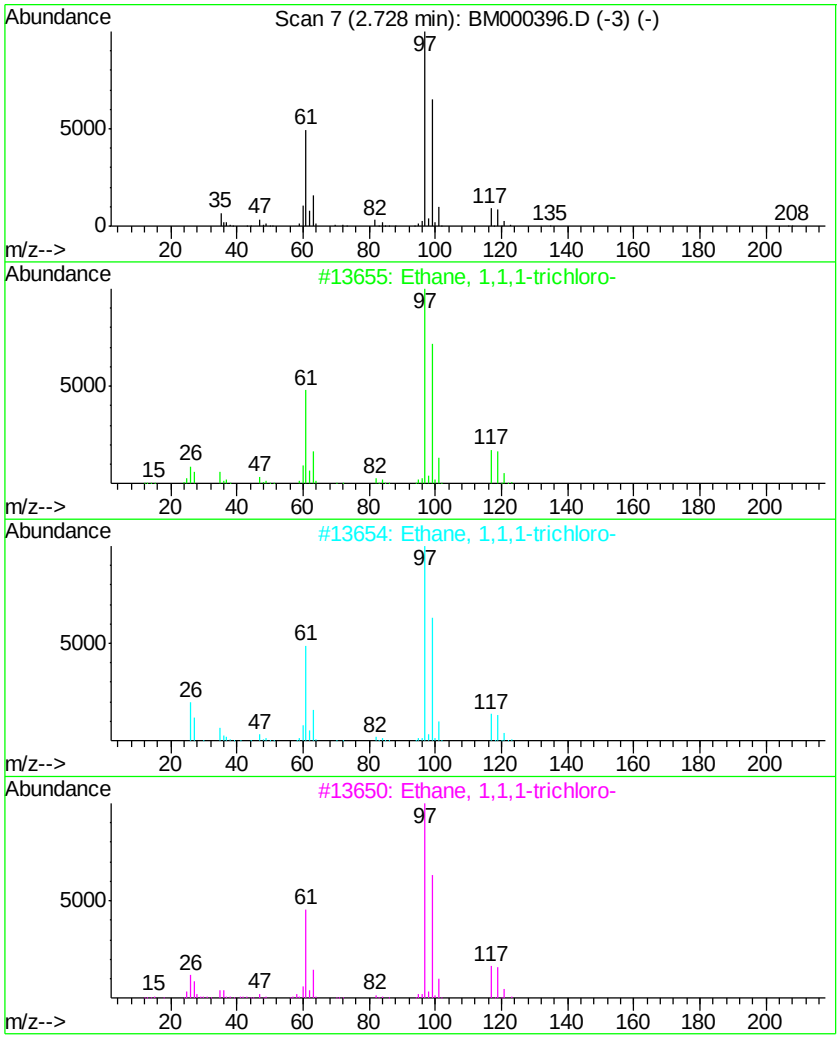
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

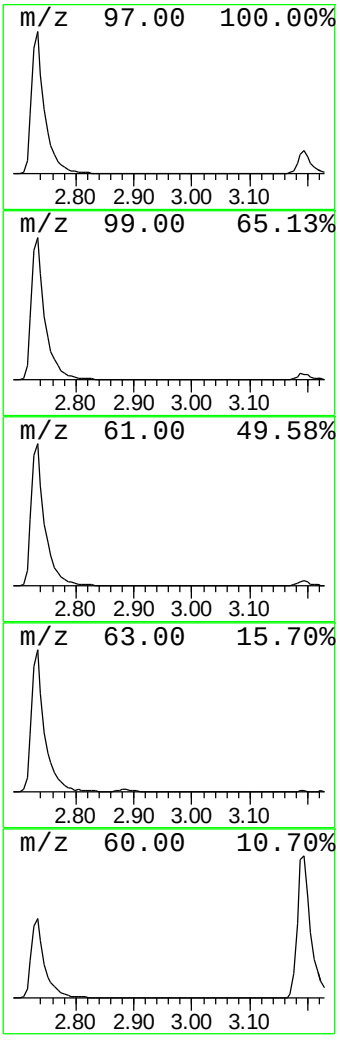
****

Peak Number 1 Ethane, 1,1,1-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.73	61.24 ng/ul	2748290	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	91
2	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	91
3	Ethane, 1,1,1-trichloro-	132	C2H3Cl3	000071-55-6	90
4	Ethane, 1,1-dichloro-1-nitro-	143	C2H3Cl2NO2	000594-72-9	72
5	Propanoyl chloride, 2,2-dichloro-	160	C3H3Cl3O	026073-26-7	59





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
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Operator : TP/IZ
Sample : G1135-02RX
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : C0AW3RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION

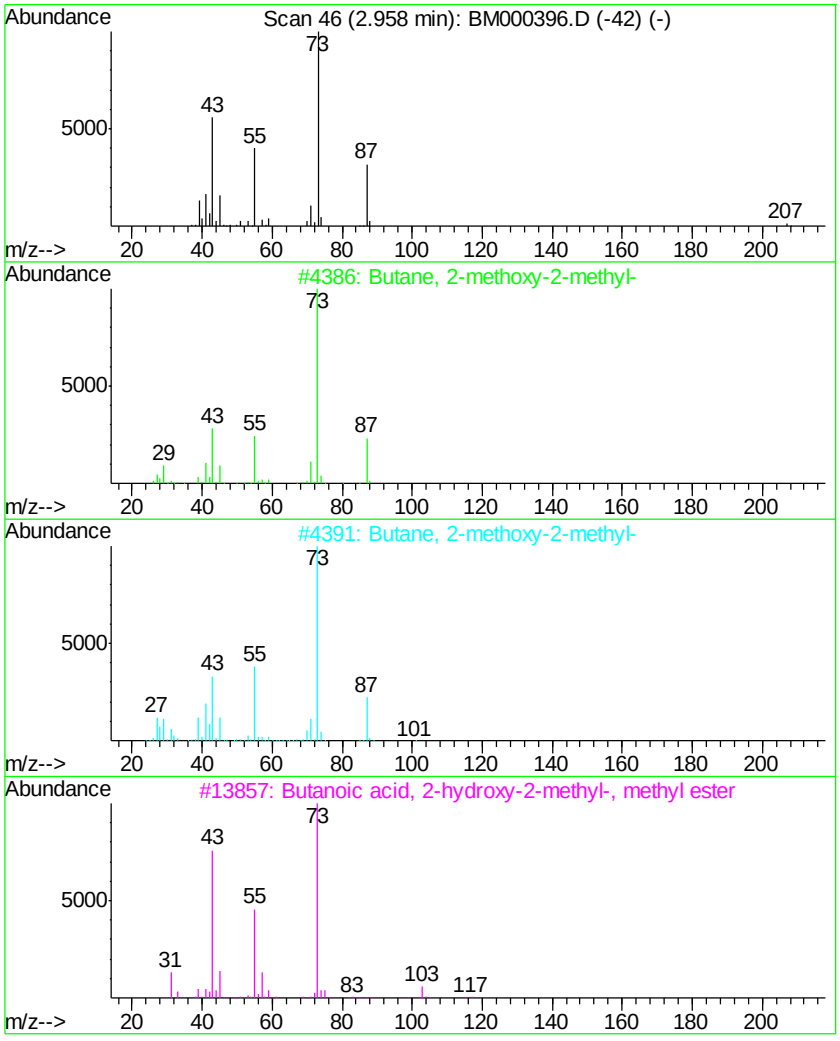
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

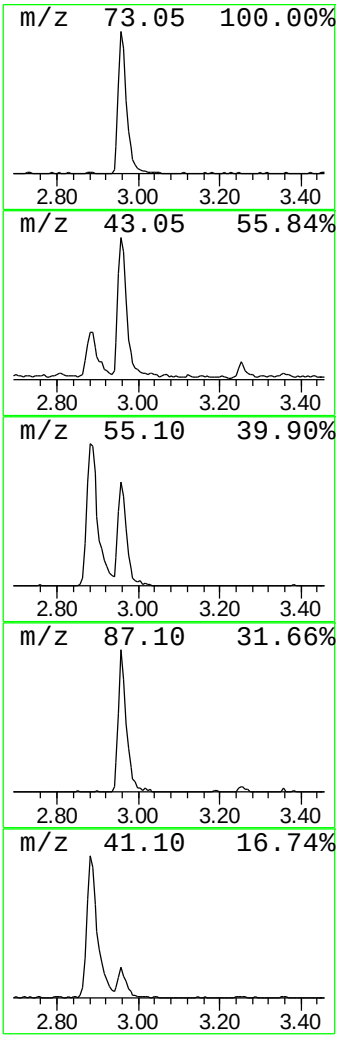
****

Peak Number 3 Butane, 2-methoxy-2-methyl- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.96	9.18 ng/ul	412131	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	90
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3	Butanoic acid, 2-hydroxy-2-methy...	132	C6H12O3	032793-34-3	43
4	3-Hexanol, 2,4-dimethyl-	130	C8H18O	013432-25-2	39
5	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	38





Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
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Acq On : 29 Jan 2015 21:21
Operator : TP/IZ
Sample : G1135-02RX
Misc :
ALS Vial : 33 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AW3RX

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM01.2-EPA-BM012915.M
Quant Title : SVOA CALIBRATION

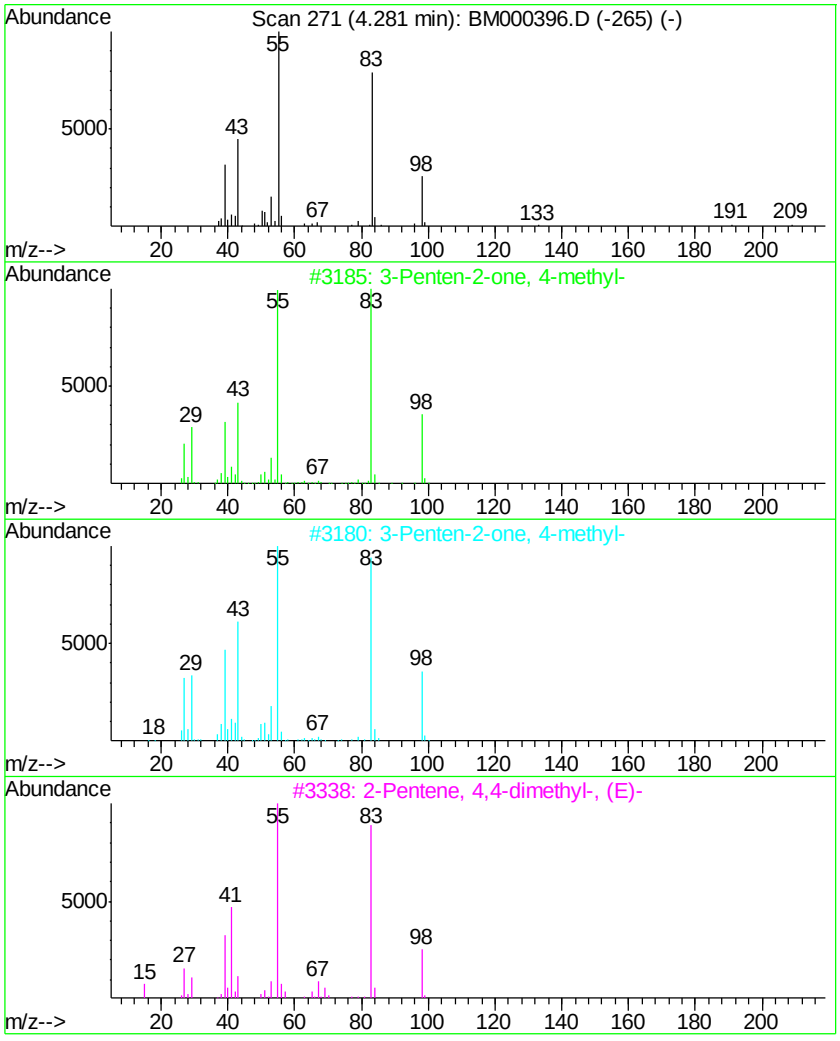
TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

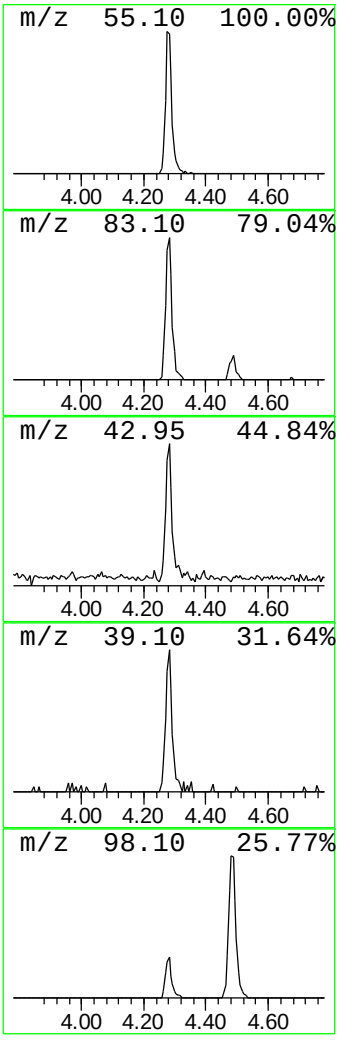
****

Peak Number 4 3-Penten-2-one, 4-methyl- Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.28	3.01 ng/ul	135083	1,4-Dichlorobenzene-d4	7.75

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	90
3	2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	86
4	3,4-Dimethyl-2-pentene(c,t)	98	C7H14	1000118-16-5	86
5	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	86





Tentatively Identified Compound (LSC) summary

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM012915\
Data File : BM000396.D
Acq On : 29 Jan 2015 21:21
Operator : TP/IZ
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Instrument : BNA_M
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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
Ethane, 1,1,1-tri...	2.73	61.2	ng/ul	2748290	1	7.75	897507	20.0
Butane, 2-methoxy...	2.96	9.2	ng/ul	412131	1	7.75	897507	20.0
3-Penten-2-one, 4...	4.28	3.0	ng/ul	135083	1	7.75	897507	20.0