LSC Area Percent Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006450.D
Acq On : 15 Jul 2016 19:54
Operator : UM/SJ
Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

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-BM071416.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	2.934	55	59	71	rVB	128795	170185	4.34%	0.459%
2	4.175	265	270	283	rVB	161652	228706	5.83%	0.616%
3	4.763	366	370	380	rBV	82873	118360	3.02%	0.319%
4	6.798	709	716	728	rBV	633466	1046263	26.66%	2.820%
5	6.957	737	743	752	rBV	433742	693637	17.68%	1.870%
6	7.151	769	776	788	rBV	616962	1026792	26.16%	2.768%
7	7.616	848	855	866	rBV	492003	822851	20.97%	2.218%
8	8.328	969	976	992	rVB	714843	1201717	30.62%	3.239%
9	8.775	1044	1052	1065	rBV	537793	942401	24.01%	2.540%
10	9.486	1167	1173	1192	rVB	467509	808086	20.59%	2.178%
11	10.022	1255	1264	1285	rBV	652735	1184662	30.19%	3.193%
12	10.398	1319	1328	1338	rBV	608804	1074635	27.38%	2.896%
13	10.539	1345	1352	1364	rBV	559897	1012417	25.80%	2.729%
14	11.933	1582	1589	1596	rBV	137374	250235	6.38%	0.674%
15	13.680	1880	1886	1891	rBV	1025093	1602448	40.83%	4.319%
16	13.727	1891	1894	1912	rVB	474961	710692	18.11%	1.916%
17	13.962	1927	1934	1950	rVB	1172960	1914743	48.79%	5.161%
18	14.268	1980	1986	1998	rVB2	817969	1341518	34.18%	3.616%
19	14.486	2017	2023	2043	rBV	477182	833515	21.24%	2.247%
20	15.133	2129	2133	2138	rBV	31341	41711	1.06%	0.112%
21	15.268	2149	2156	2165	rVB	1532860	2342113	59.68%	6.313%
22	15.398	2172	2178	2192	rBV	449280	678072	17.28%	1.828%
23	15.998	2275	2280	2289	rBV	32771	68693	1.75%	0.185%
24	16.786	2407	2414	2421	rBV3	30684	55081	1.40%	0.148%
25	17.021	2447	2454	2463	rBV	1129705	1712880	43.65%	4.617%
26	17.121	2464	2471	2481	rVV	1677617	2608976	66.48%	7.032%
27	19.421	2855	2862	2872	rBV	2213833	3214427	81.91%	8.664%
28	20.939	3113	3120	3129	rBV4	62500	153380	3.91%	0.413%
29	21.221	3162	3168	3176	rBV	1806040	2441562	62.22%	6.581%
30	22.744	3424	3427	3431	rVB3	39830	49581	1.26%	0.134%
31	23.280	3510	3518	3530	rBV2	2029650	3924318	100.00%	10.577%
32	23.415	3534	3541	3552	rVB	1325470	2594749	66.12%	6.994%
33	23.921	3624	3627	3634	rVB2	68355	110853	2.82%	0.299%
34	24.644	3745	3750	3756	rVB3	60889	121311	3.09%	0.327%

LSC Area Percent Report

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Data File : BM006450.D
Acq On : 15 Jul 2016 19:54
Operator : UM/SJ
Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

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-BM071416.M
Title : SVOA CALIBRATION

Sum of corrected areas: 37101570

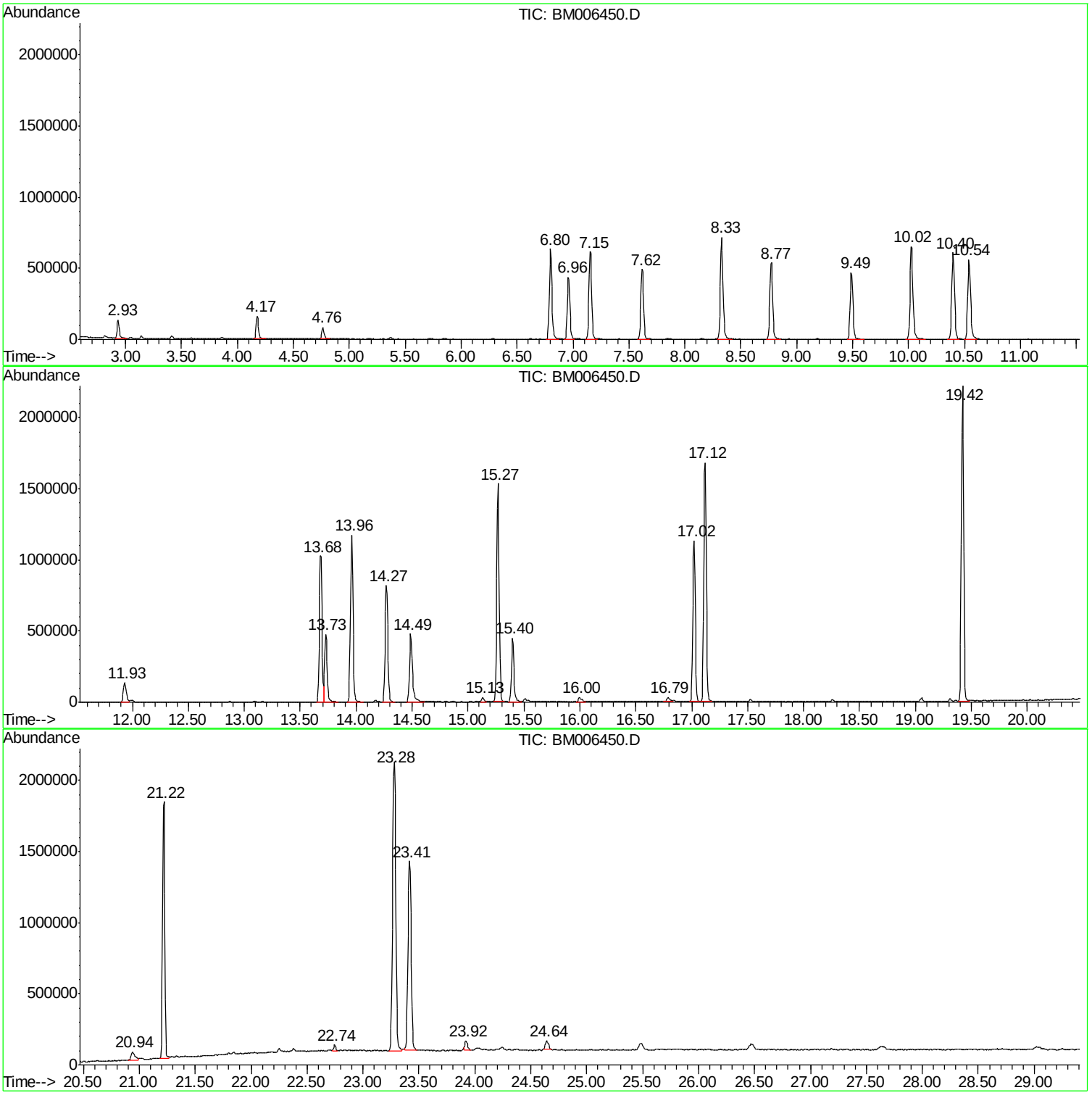
LSC Report - Integrated Chromatogram

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006450.D
Acq On : 15 Jul 2016 19:54
Operator : UM/SJ
Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

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



Library Search Compound Report

Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006450.D
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Operator : UM/SJ
Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

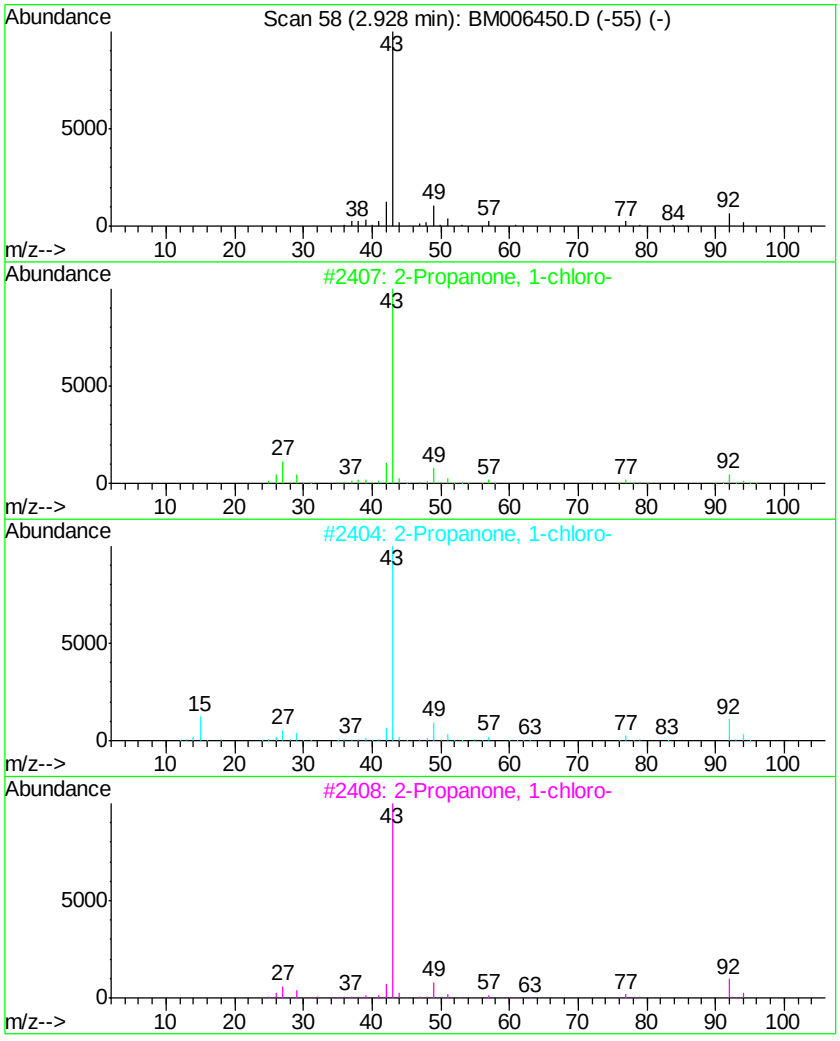
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

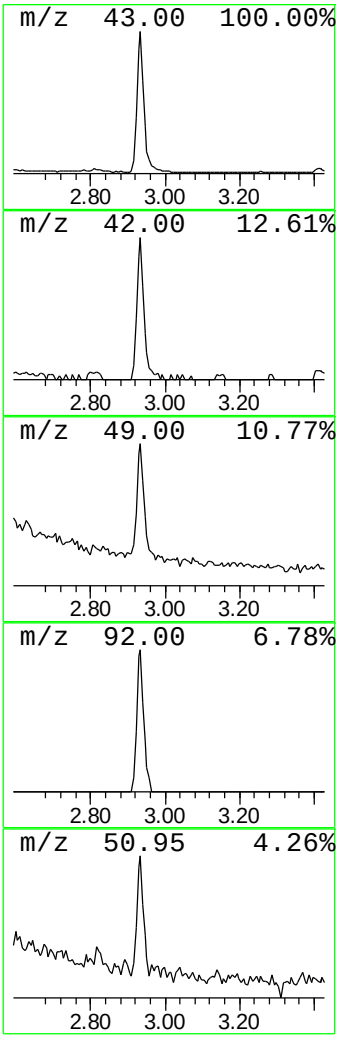
****

Peak Number 1 2-Propanone, 1-chloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.93	4.14 ng/ul	170185	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	90
2	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	78
3	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	78
4	Chloroacetamidine	92	C2H5ClN2	020846-52-0	64
5	2-Propanone, 1-chloro-	92	C3H5ClO	000078-95-5	59





Data Path : Z:\HPCHEM1\BNA M\DATA\BM071516\
Data File : BM006450.D
Acq On : 15 Jul 2016 19:54
Operator : UM/SJ
Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

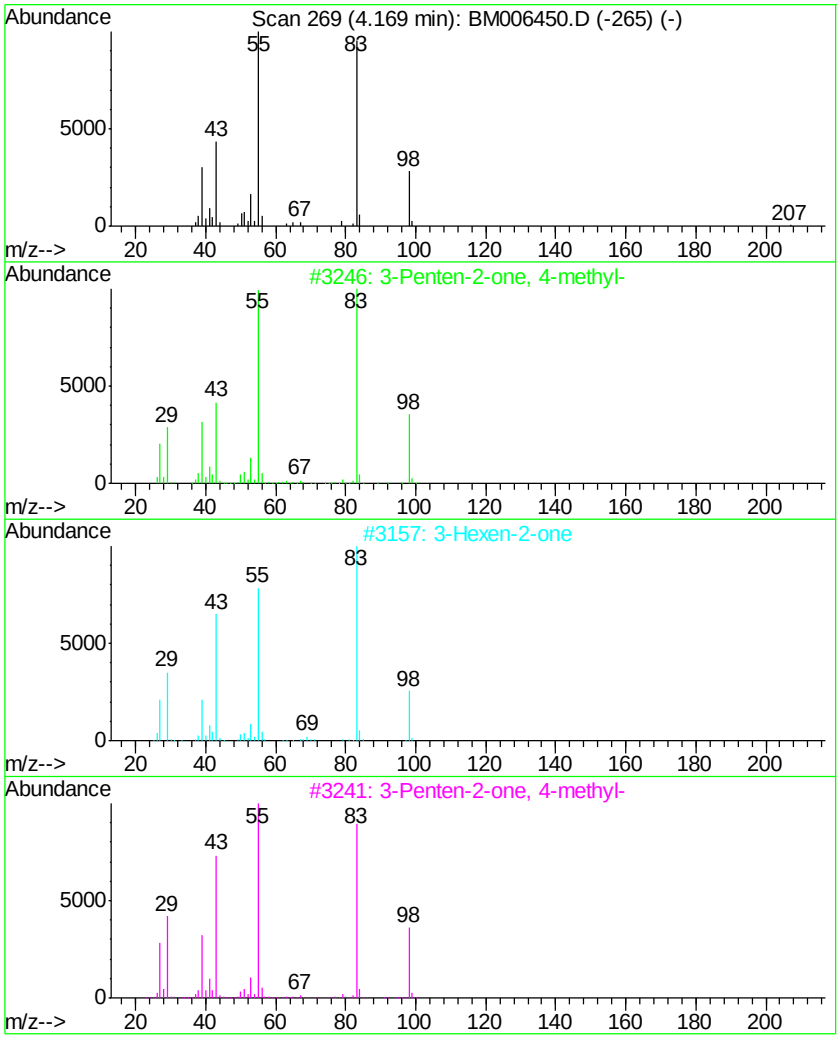
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

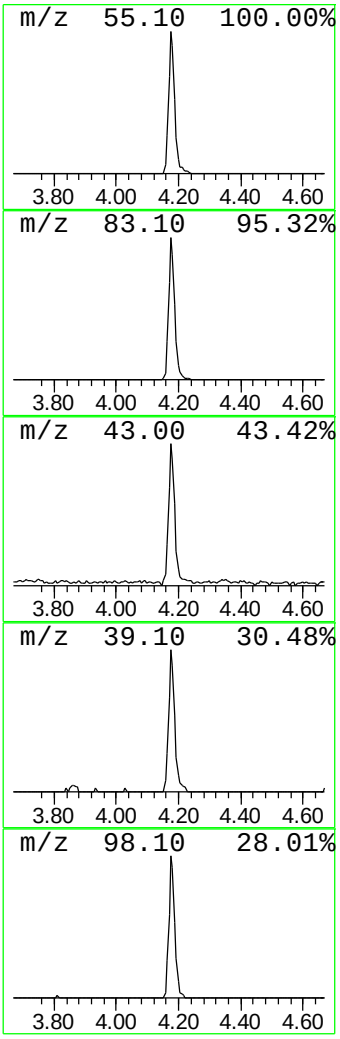
****

Peak Number 2 3-Penten-2-one, 4-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.17	5.56 ng/ul	228706	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	91
2	3-Hexen-2-one	98	C6H10O	000763-93-9	91
3	3-Penten-2-one, 4-methyl-	98	C6H10O	000141-79-7	86
4	2-Pentene, 2,4-dimethyl-	98	C7H14	000625-65-0	80
5	3-Hexen-2-one	98	C6H10O	000763-93-9	80





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Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

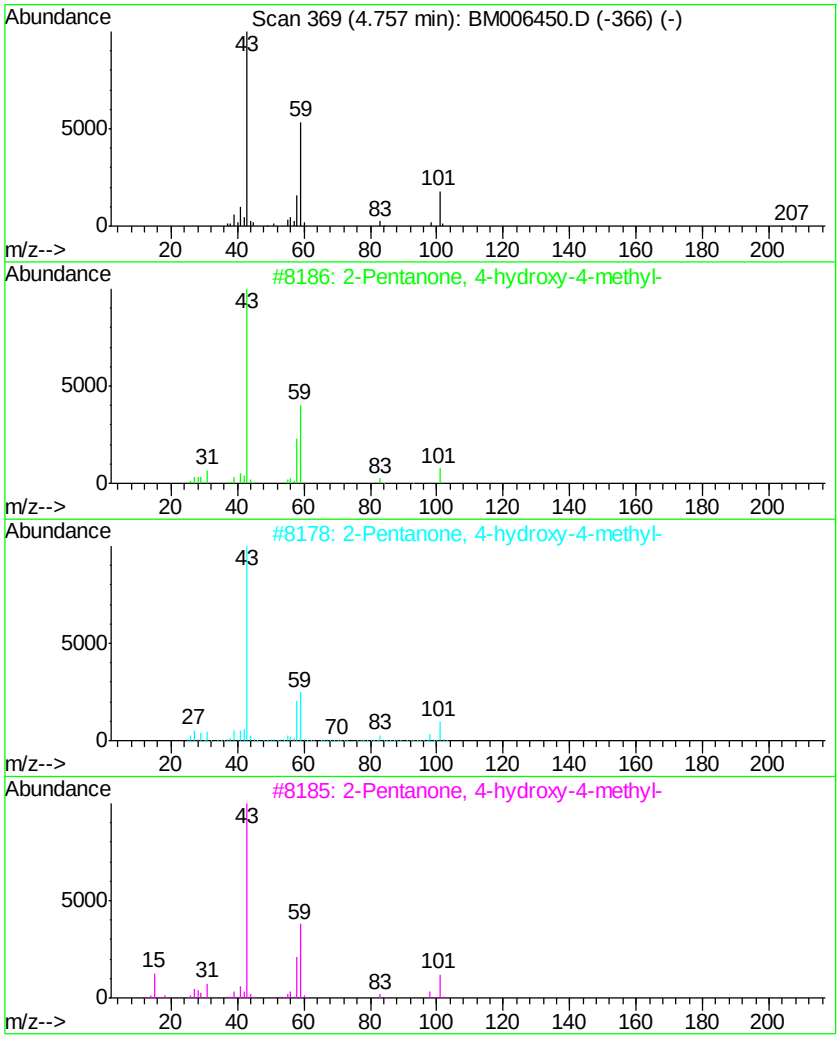
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

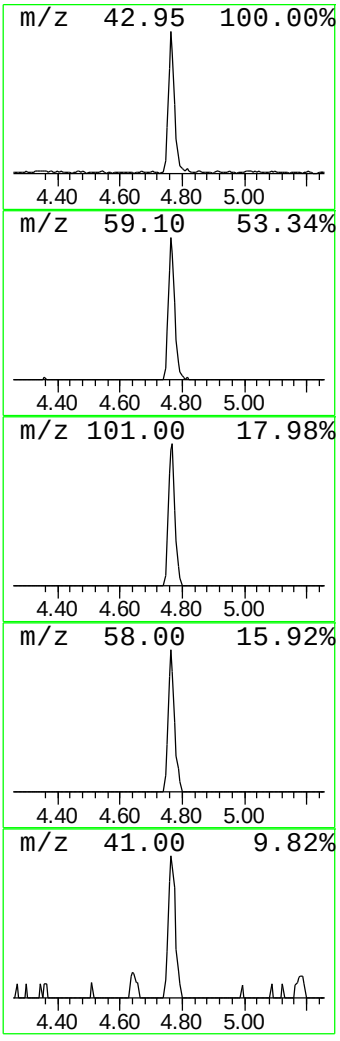
****

Peak Number 3 2-Pentanone, 4-hydroxy-4-me... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.76	2.88 ng/ul	118360	1,4-Dichlorobenzene-d4	7.62

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	56
2	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	50
3	2-Pentanone, 4-hydroxy-4-methyl-	116	C6H12O2	000123-42-2	45
4	Acetic acid, cyano-, 1,1-dimethy...	141	C7H11NO2	001116-98-9	37
5	5-Hexen-2-one	98	C6H10O	000109-49-9	9





Library Search Compound Report

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Sample : H3992-03
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.M
Quant Title : SVOA CALIBRATION

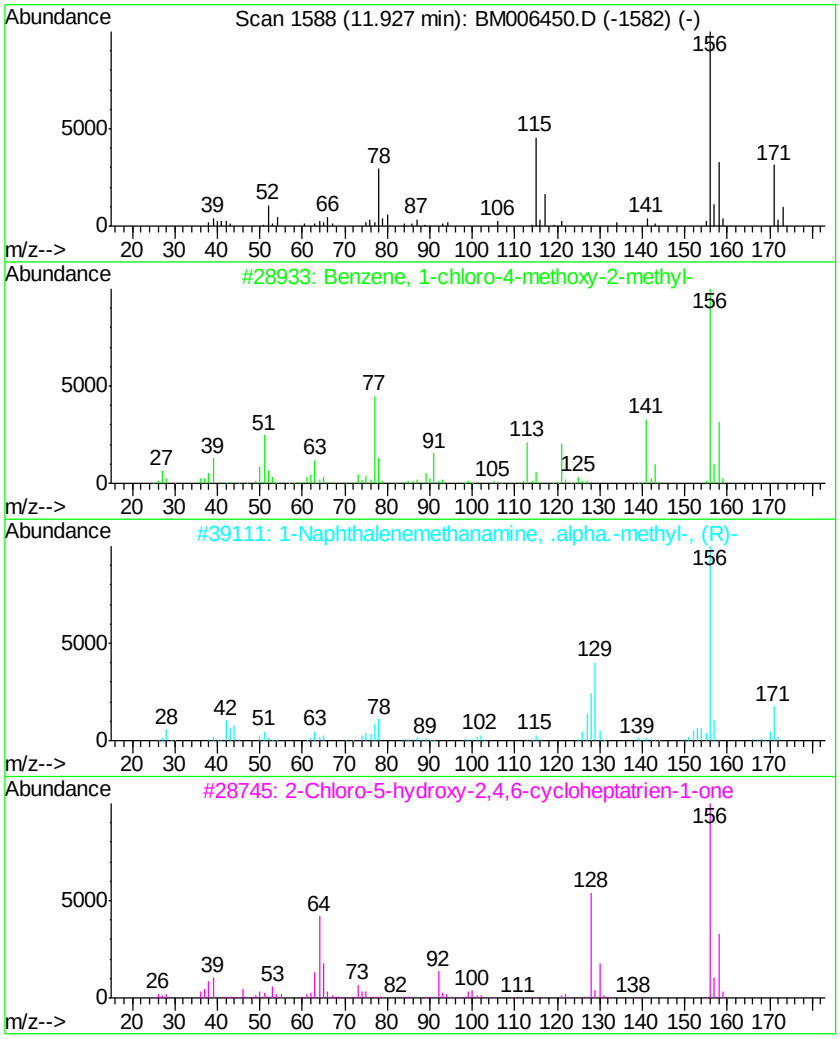
TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

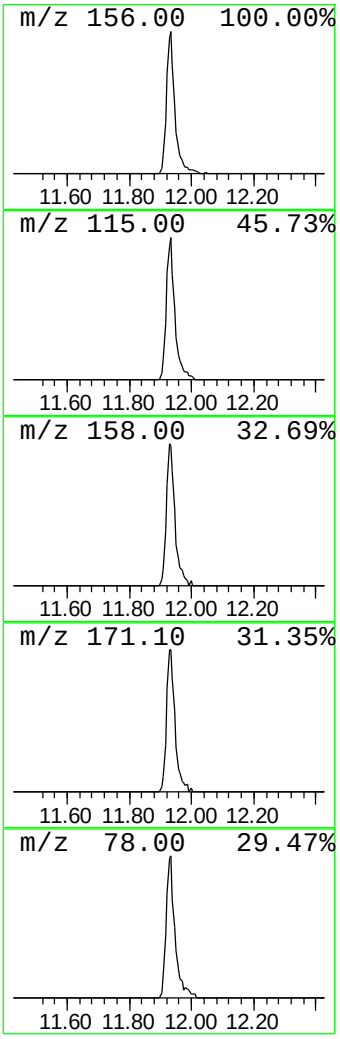
****

Peak Number 4 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.93	4.66 ng/ul	250235	Naphthalene-d8	10.40

Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Benzene, 1-chloro-4-methoxy-2-me...	156	C8H9ClO	013334-71-9	38
2	1-Naphthalenemethanamine, .alpha...	171	C12H13N	003886-70-2	38
3	2-Chloro-5-hydroxy-2,4,6-cyclohe...	156	C7H5ClO2	007009-16-7	38
4	2-(2-Chloro-pyridin-3-yl)-propan...	171	C8H10ClNO	267003-35-0	37
5	Tebuthiuron	228	C9H16N4OS	034014-18-1	25





Tentatively Identified Compound (LSC) summary

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Misc :
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Instrument : BNA_M
ClientSampleId : BDJ82

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM071416.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
2-Propanone, 1-ch...	2.93	4.1	ng/ul	170185	1	7.62	822851	20.0
3-Penten-2-one, 4...	4.17	5.6	ng/ul	228706	1	7.62	822851	20.0
2-Pentanone, 4-hy...	4.76	2.9	ng/ul	118360	1	7.62	822851	20.0
unknown-01	11.93	4.7	ng/ul	250235	2	10.40	1074640	20.0