

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
 Data File : BM004648.D
 Acq On : 16 Mar 2016 22:56
 Operator : UM/SJ
 Sample : H1783-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD5

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 1 % of largest Peak
 Max Peaks: 100
 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-BM031516.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	2.987	47	51	64	rVB	223465	297645	15.61%	1.597%
2	5.181	417	424	435	rVB	429976	650161	34.11%	3.488%
3	6.998	727	733	742	rVB	57360	89046	4.67%	0.478%
4	7.175	756	763	771	rVB	239438	365645	19.18%	1.962%
5	7.375	790	797	806	rVB	243100	380320	19.95%	2.040%
6	7.845	870	877	880	rBV	234569	407380	21.37%	2.185%
7	7.875	880	882	889	rVB	186102	264053	13.85%	1.417%
8	8.192	930	936	943	rVB	148806	233295	12.24%	1.252%
9	8.534	988	994	1006	rBV	174048	274895	14.42%	1.475%
10	8.998	1066	1073	1079	rBV	260700	423087	22.20%	2.270%
11	9.445	1143	1149	1156	rVB	153254	236802	12.42%	1.270%
12	9.716	1188	1195	1203	rBV	204822	328549	17.24%	1.763%
13	10.251	1278	1286	1295	rBV	321987	533299	27.98%	2.861%
14	10.498	1322	1328	1333	rBV	30817	48220	2.53%	0.259%
15	10.633	1344	1351	1362	rVB	324677	540313	28.35%	2.899%
16	11.180	1439	1444	1451	rBV	33393	55771	2.93%	0.299%
17	11.286	1457	1462	1467	rVB	18297	27595	1.45%	0.148%
18	13.286	1795	1802	1807	rVB	305352	449355	23.57%	2.411%
19	13.486	1829	1836	1842	rBV	177968	256412	13.45%	1.376%
20	13.886	1897	1904	1909	rBV	633971	870606	45.67%	4.670%
21	14.168	1945	1952	1959	rBV	724313	1074824	56.39%	5.766%
22	14.233	1959	1963	1967	rVB2	34720	49576	2.60%	0.266%
23	14.474	1994	2004	2013	rBV2	474132	741734	38.91%	3.979%
24	14.657	2031	2035	2042	rBV	28589	43726	2.29%	0.235%
25	15.468	2167	2173	2184	rVB	953002	1356039	71.14%	7.274%
26	15.580	2186	2192	2198	rBV	216561	278762	14.62%	1.495%
27	17.221	2464	2471	2478	rBV	614492	865914	45.43%	4.645%
28	17.315	2481	2487	2504	rVV	1033290	1500134	78.70%	8.047%
29	19.386	2835	2839	2845	rBV	20823	26756	1.40%	0.144%
30	19.609	2871	2877	2889	rBV2	1311856	1848085	96.95%	9.914%
31	21.397	3176	3181	3188	rBV	887561	1128791	59.22%	6.055%
32	23.550	3540	3547	3562	rVB	938775	1906183	100.00%	10.226%
33	23.697	3565	3572	3586	rVB2	554615	1088075	57.08%	5.837%

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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

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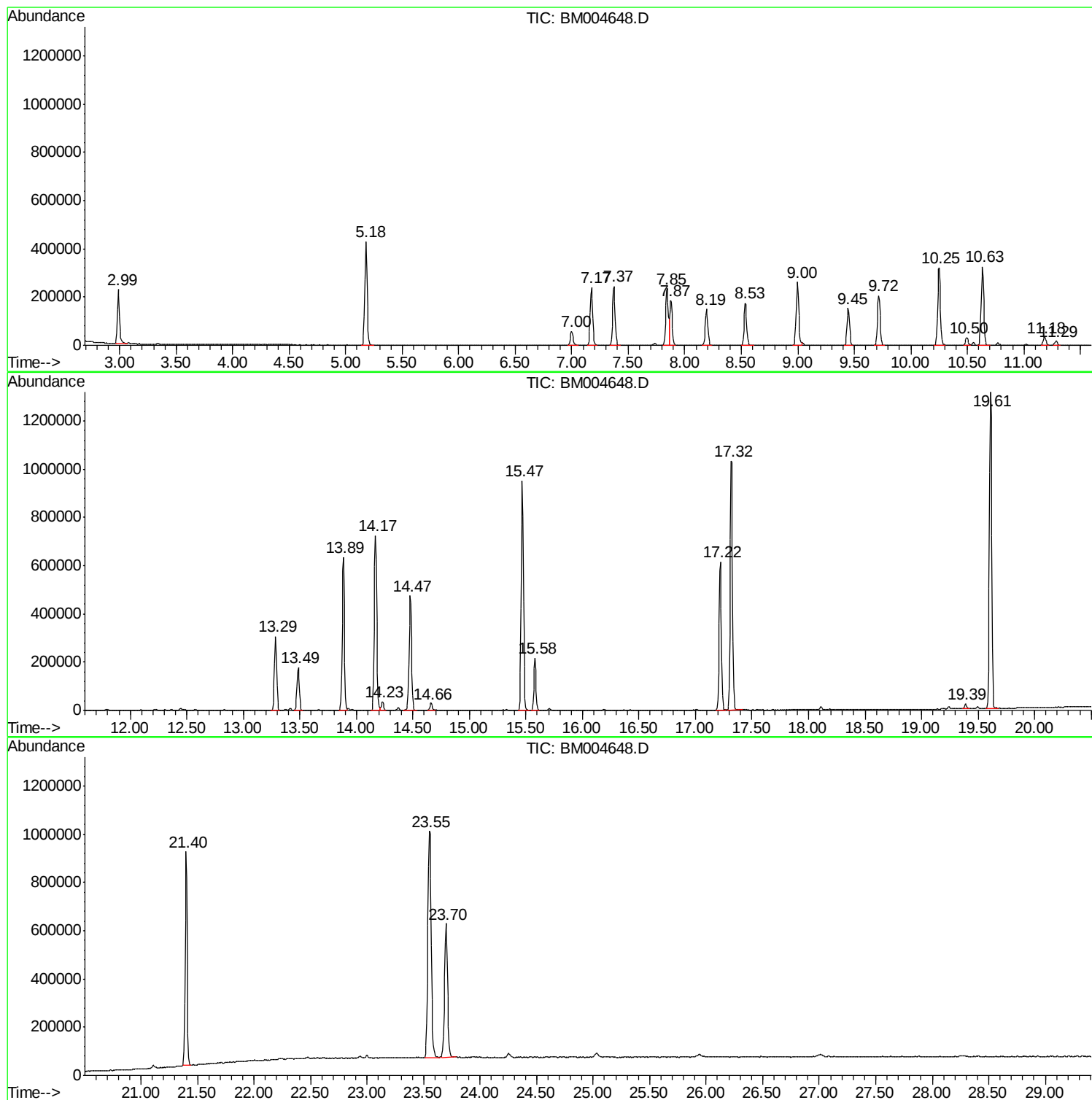
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Quant Title : SVOA CALIBRATION

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



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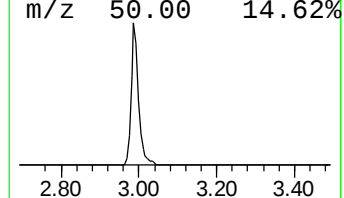
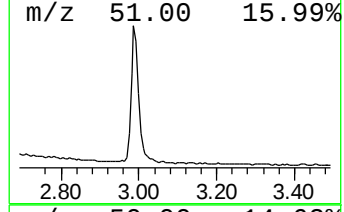
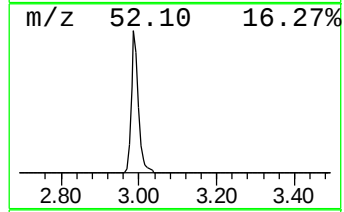
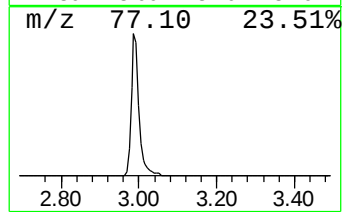
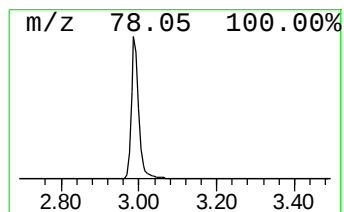
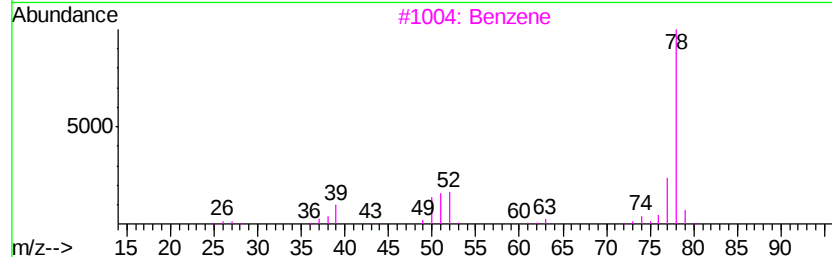
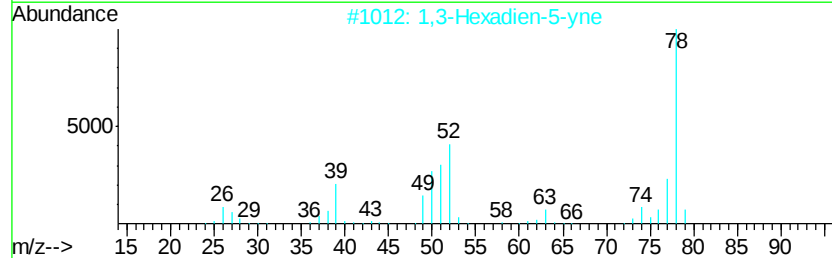
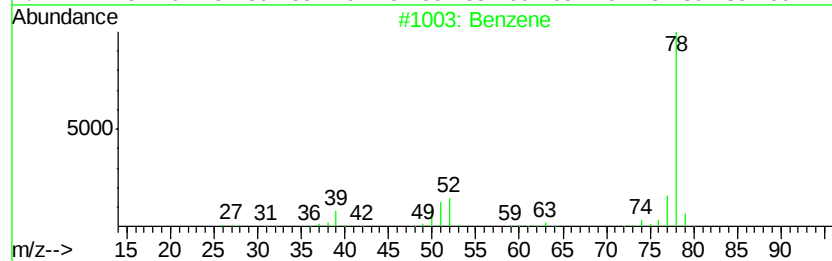
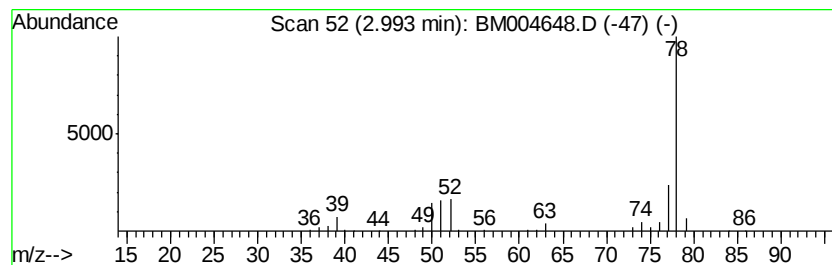
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
2.99	14.61 ng/ul	297645	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene	78	C6H6	000071-43-2	94
2		1,3-Hexadien-5-yne	78	C6H6	010420-90-3	91
3		Benzene	78	C6H6	000071-43-2	91
4		Benzene	78	C6H6	000071-43-2	91
5		Benzene	78	C6H6	000071-43-2	91



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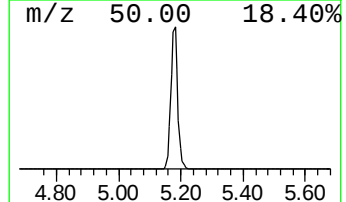
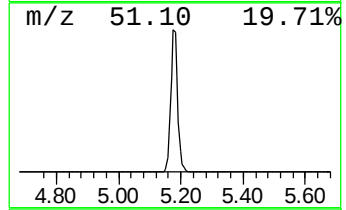
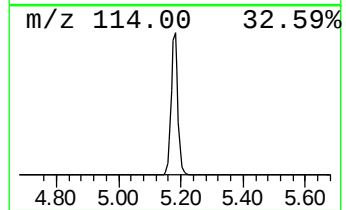
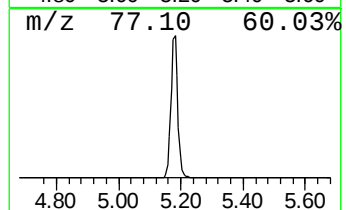
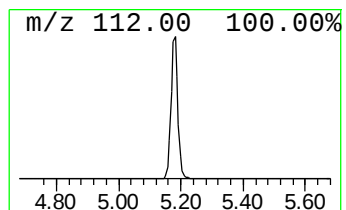
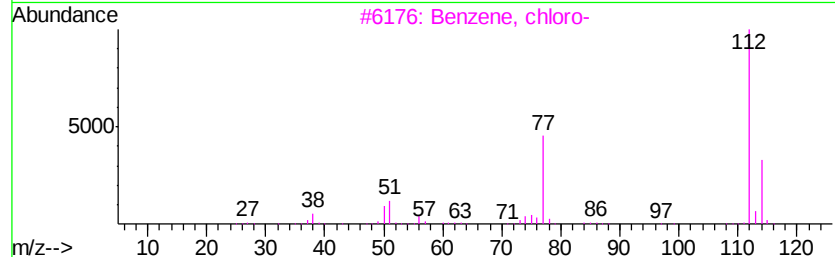
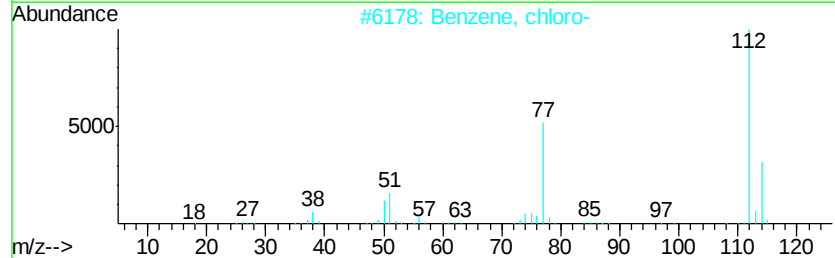
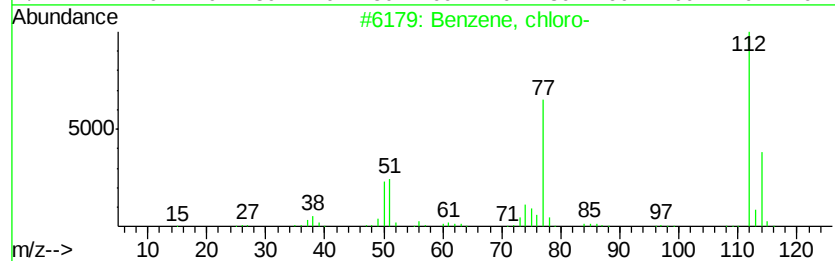
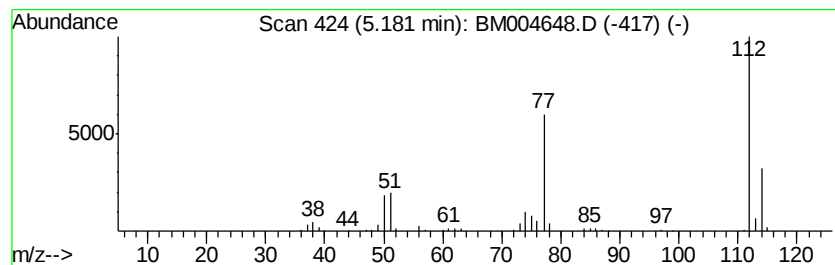
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.18	31.92 ng/ul	650161	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	96
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	95
3		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
4		Benzene, chloro-	112	C6H5Cl	000108-90-7	91
5		3-Hydroxypyridazine 1-oxide	112	C4H4N2O2	018259-51-3	17



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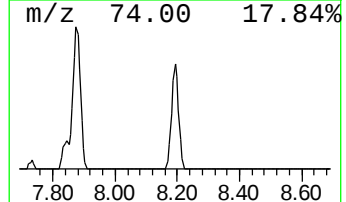
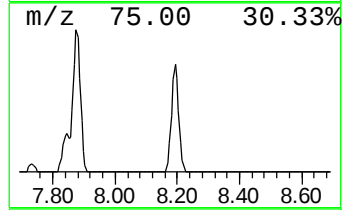
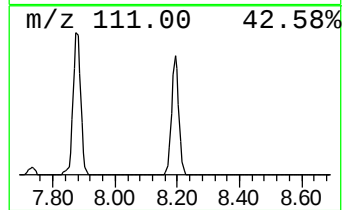
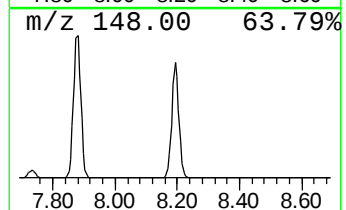
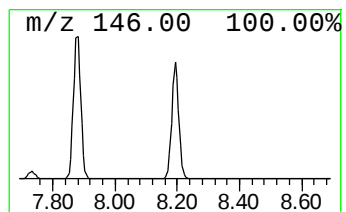
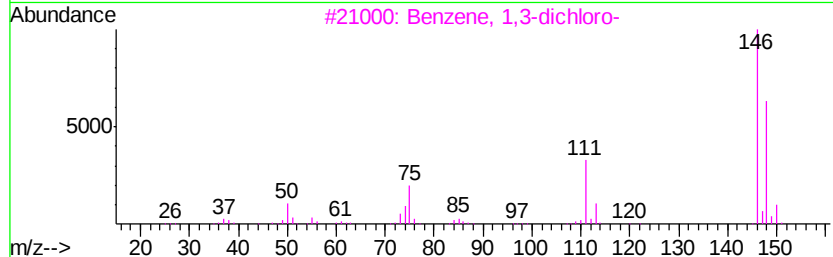
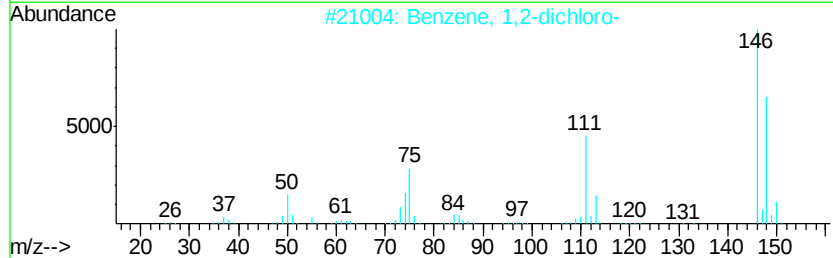
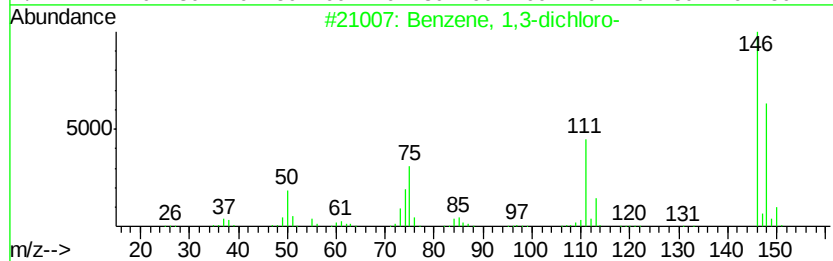
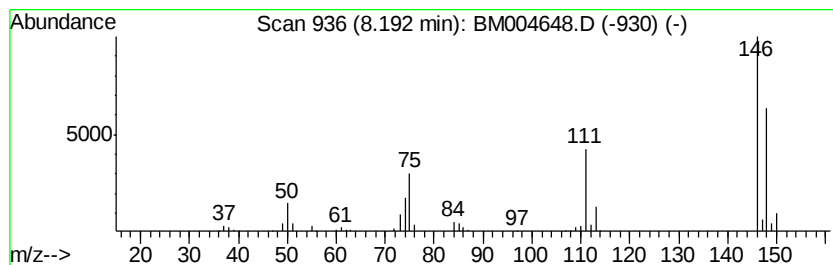
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,3-dichloro- Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.19	11.45 ng/ul	233295	1,4-Dichlorobenzene-d4	7.85

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	98
2		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	98
3		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	97
5		Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97



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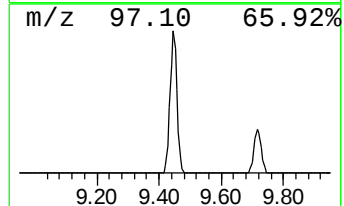
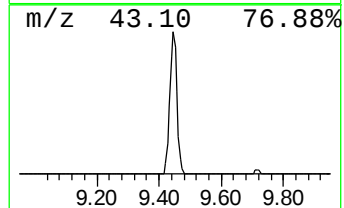
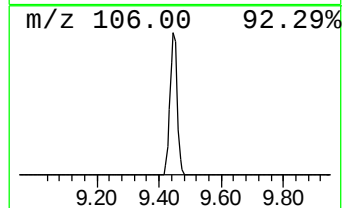
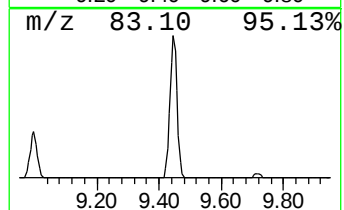
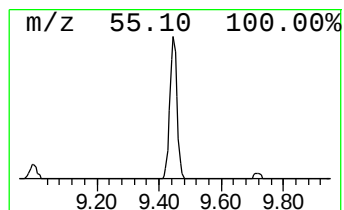
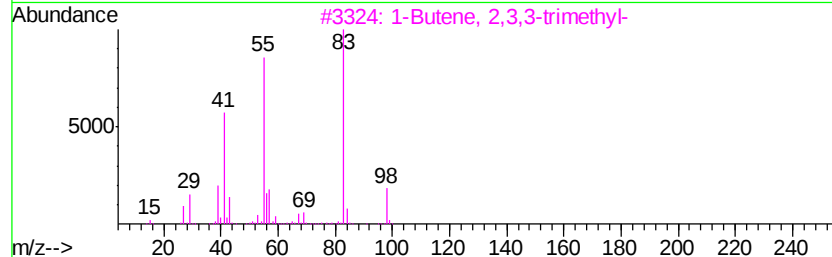
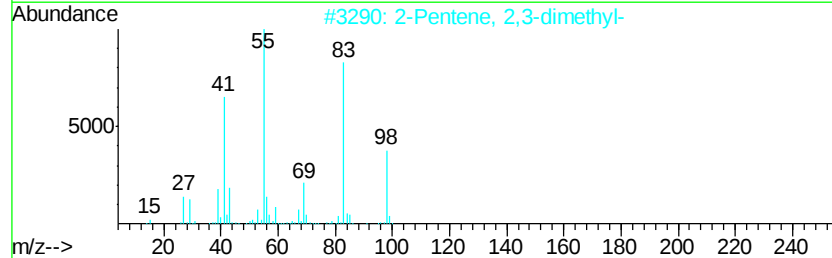
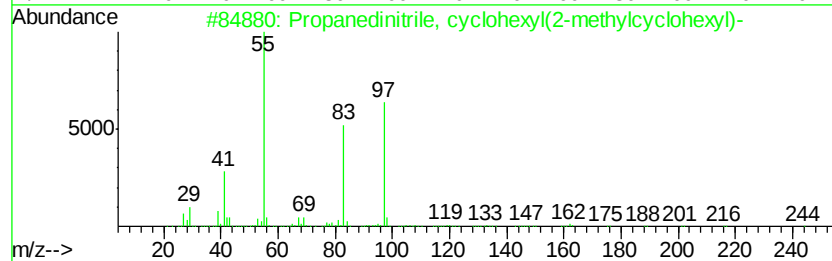
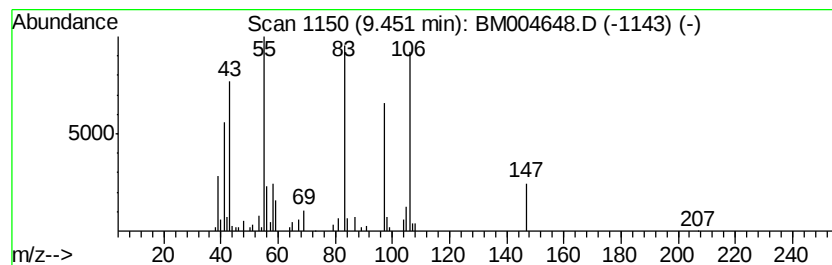
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 4 unknown-01 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.45	8.77 ng/ul	236802	Naphthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Propanedinitrile, cyclohexyl(2-m...	244	C16H24N2	074764-55-9	35
2		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	27
3		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
4		1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	27
5		2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	25



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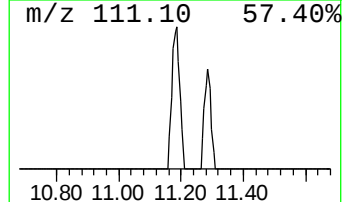
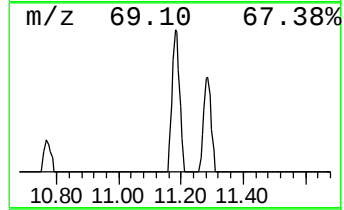
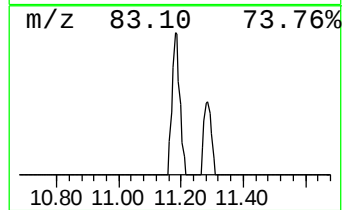
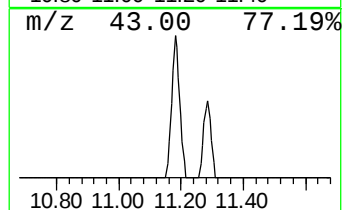
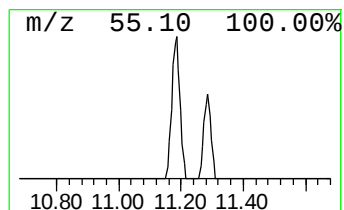
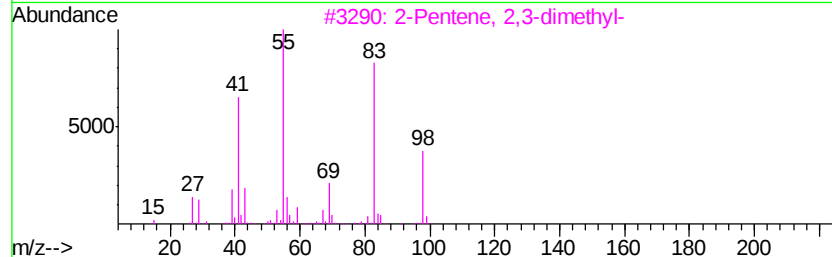
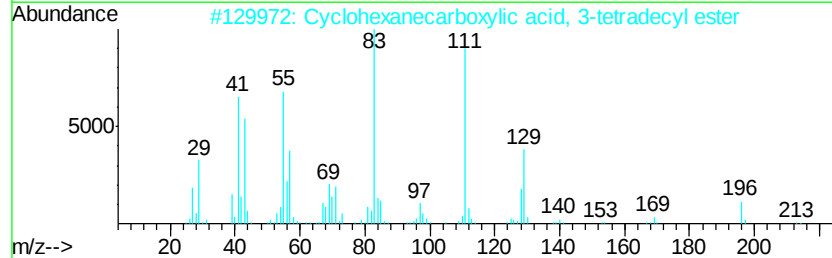
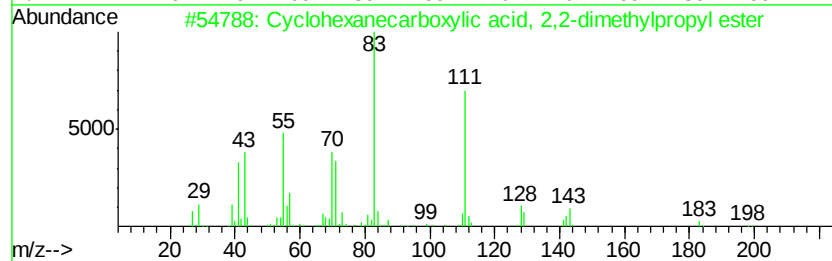
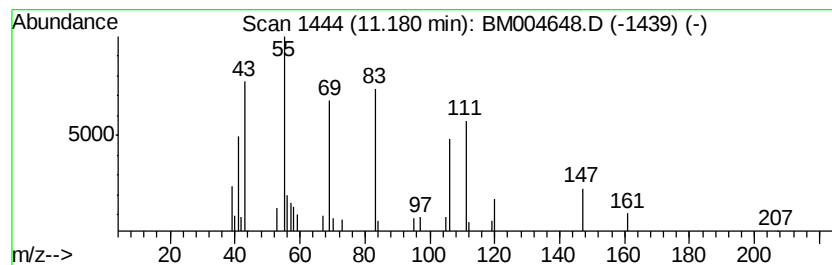
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 5 unknown-02 Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.18	2.06 ng/ul	55771	Napthalene-d8	10.63

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclohexanecarboxylic acid, 2,2-...	198	C12H22O2	1000279-85-6	47
2		Cyclohexanecarboxylic acid, 3-te...	324	C21H40O2	1000280-59-7	38
3		2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	38
4		Cyclohexanecarboxylic acid, 4-tr...	310	C20H38O2	1000280-59-5	38
5		t-Butyl cyclohexaneperoxy-carboxy...	200	C11H20O3	020396-49-0	38



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ALS Vial : 20 Sample Multiplier: 1

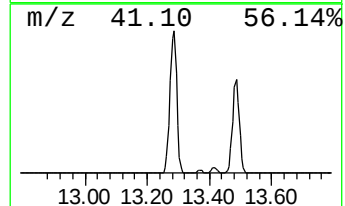
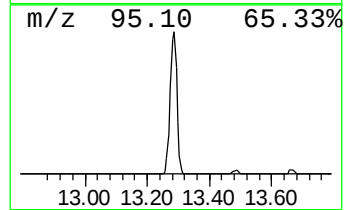
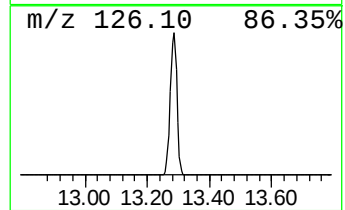
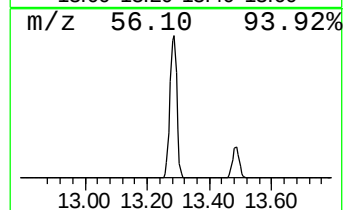
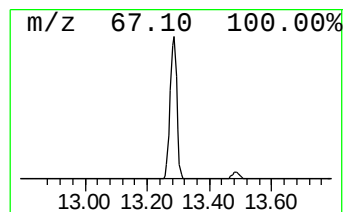
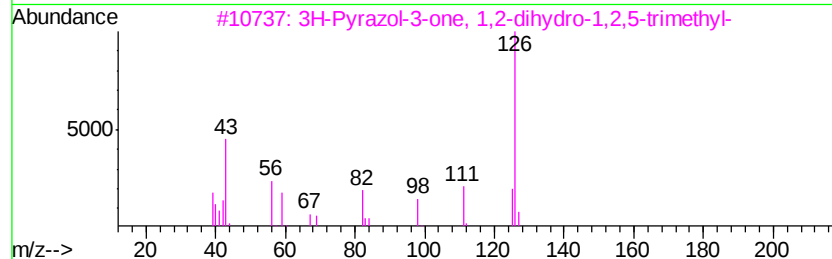
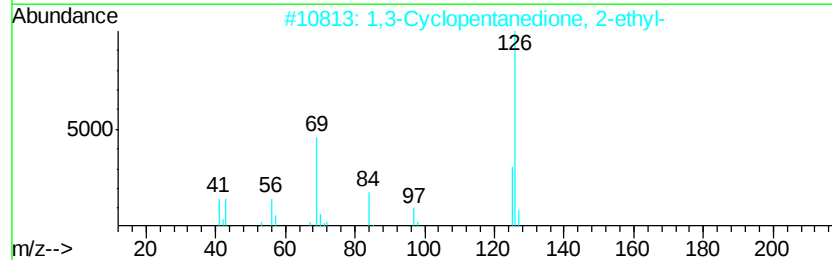
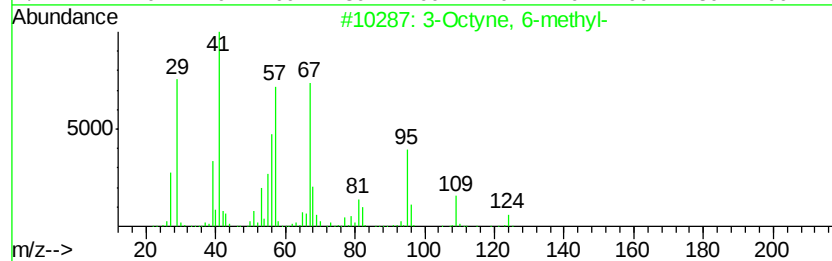
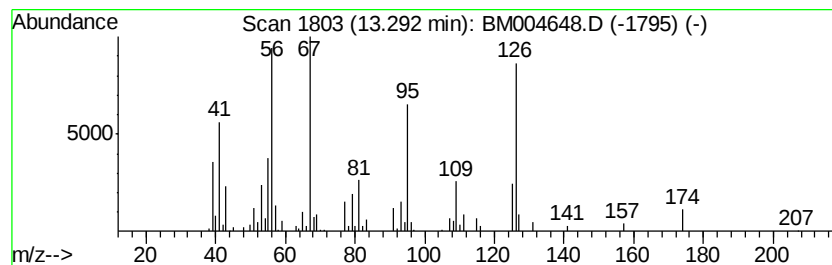
Instrument :
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ClientSampleId :
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Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Branched13.29 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.29	12.12 ng/ul	449355	Acenaphthene-d10	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 6-methyl-	124	C9H16	062108-34-3	37
2	1,3-Cyclopentanedione, 2-ethyl-	126	C7H10O2	000823-36-9	35
3	3H-Pyrazol-3-one, 1,2-dihydro-1,...	126	C6H10N2O	003201-26-1	22
4	Bicyclo[3.1.0]hexane, 1,5-dimethyl-	110	C8H14	1000142-17-5	22
5	Cyclopentene, 1,2,3-trimethyl-	110	C8H14	000473-91-6	22



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004648.D
Acq On : 16 Mar 2016 22:56
Operator : UM/SJ
Sample : H1783-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

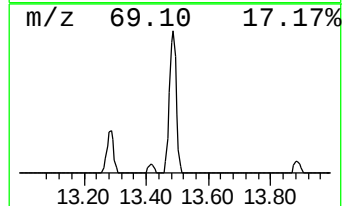
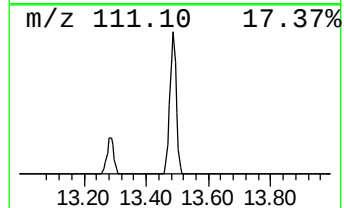
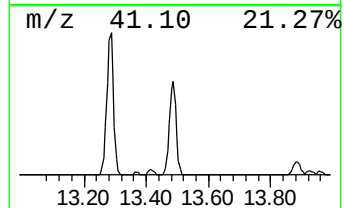
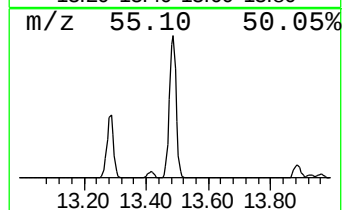
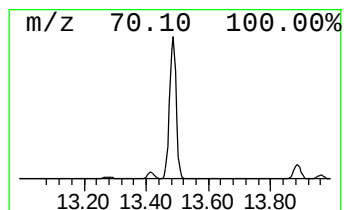
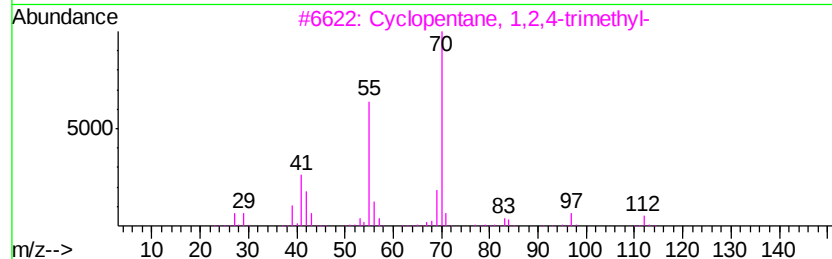
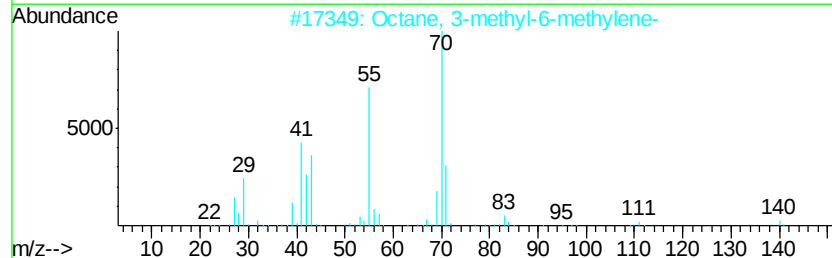
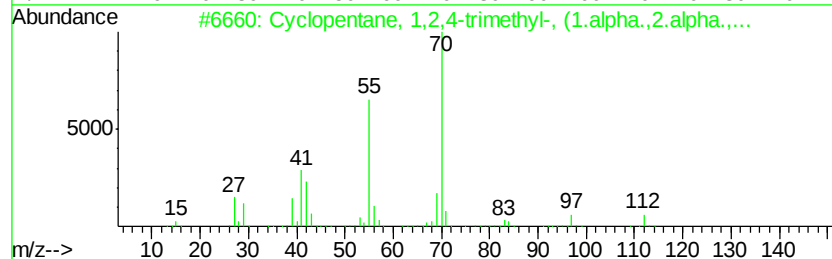
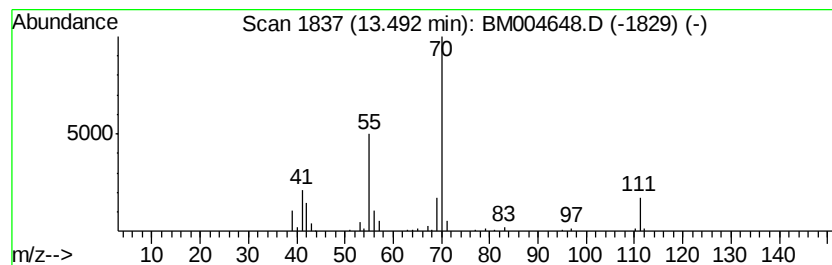
Instrument :
BNA_M
ClientSampleId :
C0AD5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

Peak Number 7 (DEL) Alkane: Cyclic13.49 Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.49	6.91 ng/ul	256412	Acenaphthene-d10	14.47	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	80
2	Octane, 3-methyl-6-methylene-	140	C10H20	074630-07-2	72
3	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
4	2,3-Dimethyl-1-hexene	112	C8H16	016746-86-4	64
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	56



Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031616\
Data File : BM004648.D
Acq On : 16 Mar 2016 22:56
Operator : UM/SJ
Sample : H1783-14
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0AD5

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-BM031516.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene	2.99	14.6	ng/ul	297645	1	7.85	407380	20.0
Benzene, chloro-	5.18	31.9	ng/ul	650161	1	7.85	407380	20.0
Benzene, 1,3-dich...	8.19	11.4	ng/ul	233295	1	7.85	407380	20.0
unknown-01	9.45	8.8	ng/ul	236802	2	10.63	540313	20.0
unknown-02	11.18	2.1	ng/ul	55771	2	10.63	540313	20.0
(DEL) Alkane: Bra...	13.29	12.1	ng/ul	449355	3	14.47	741734	20.0
(DEL) Alkane: Cyc...	13.49	6.9	ng/ul	256412	3	14.47	741734	20.0