

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009243.D
 Acq On : 14 Mar 2017 06:20
 Operator : SJ/MA
 Sample : I2181-14
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG6

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-2016\SOM-EPA-BM031317MA.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	5.199	352	359	371	rBV	1159662	1797772	30.48%	3.490%
2	7.034	663	671	673	rBV	112628	188064	3.19%	0.365%
3	7.210	695	701	711	rVB	373491	583134	9.89%	1.132%
4	7.404	728	734	744	rVB	375988	592686	10.05%	1.151%
5	7.875	807	814	817	rBV	465571	773943	13.12%	1.503%
6	7.910	817	820	828	rVB	565933	910111	15.43%	1.767%
7	8.228	867	874	882	rVB	441856	721003	12.22%	1.400%
8	8.569	927	932	940	rBV	303182	499344	8.47%	0.970%
9	9.039	1004	1012	1018	rBV	518874	887088	15.04%	1.722%
10	9.486	1081	1088	1097	rVB2	256648	420137	7.12%	0.816%
11	9.757	1127	1134	1142	rBV2	396266	688772	11.68%	1.337%
12	10.292	1216	1225	1233	rBV	593942	1013208	17.18%	1.967%
13	10.533	1261	1266	1274	rBV4	119627	217132	3.68%	0.422%
14	10.675	1283	1290	1298	rBV	730499	1243653	21.08%	2.415%
15	11.228	1378	1384	1389	rBV6	64593	116103	1.97%	0.225%
16	11.328	1396	1401	1408	rVB5	48619	77480	1.31%	0.150%
17	13.327	1734	1741	1747	rBV2	685466	1007656	17.08%	1.956%
18	13.533	1770	1776	1783	rVB	408925	619012	10.49%	1.202%
19	13.922	1834	1842	1847	rBV	1600502	2204744	37.38%	4.281%
20	13.969	1847	1850	1855	rVB	199665	268808	4.56%	0.522%
21	14.210	1885	1891	1899	rBV	1474327	2243838	38.04%	4.357%
22	14.274	1899	1902	1908	rVB2	98444	131558	2.23%	0.255%
23	14.521	1931	1944	1951	rVB3	1285932	2125779	36.04%	4.127%
24	14.710	1970	1976	1982	rBV	133121	225437	3.82%	0.438%
25	15.345	2078	2084	2089	rVB3	81276	104539	1.77%	0.203%
26	15.510	2106	2112	2123	rVB	2181308	3109204	52.71%	6.037%
27	15.627	2126	2132	2143	rBV	809647	1114871	18.90%	2.165%
28	15.751	2146	2153	2158	rBV5	51278	86354	1.46%	0.168%
29	16.210	2226	2231	2238	rBV	107416	174884	2.96%	0.340%
30	16.998	2358	2365	2369	rBV3	75804	104790	1.78%	0.203%
31	17.262	2404	2410	2419	rBV2	1957853	2818014	47.77%	5.471%
32	17.362	2420	2427	2434	rBV	2776106	3888722	65.92%	7.550%
33	18.133	2552	2558	2567	rBV	219042	323177	5.48%	0.627%
34	18.233	2570	2575	2585	rVB4	26410	68344	1.16%	0.133%

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35	19.292	2748	2755	2763	rBV5	49336	102651	1.74%	0.199%
36	19.409	2771	2775	2783	rBV3	125050	178165	3.02%	0.346%
37	19.656	2810	2817	2825	rBV	3788819	5204415	88.23%	10.105%
38	21.121	3062	3066	3071	rBV3	226303	320186	5.43%	0.622%
39	21.439	3114	3120	3125	rBV	3283372	4185707	70.96%	8.127%
40	23.621	3484	3491	3499	rBV2	3059782	5898855	100.00%	11.453%
41	23.774	3510	3517	3529	rVB	2254341	4265829	72.32%	8.282%

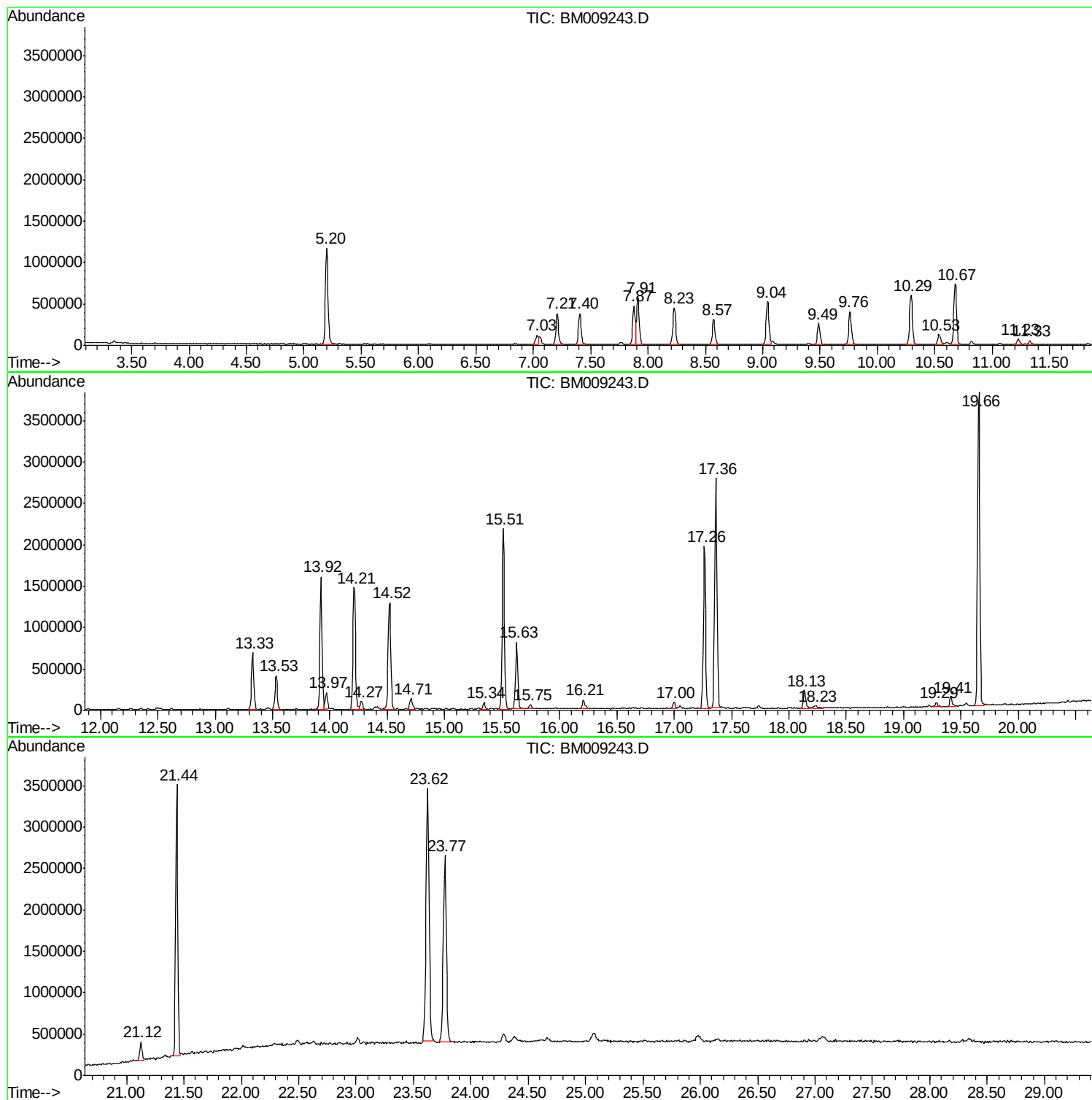
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Quant Title : SVOA CALIBRATION

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



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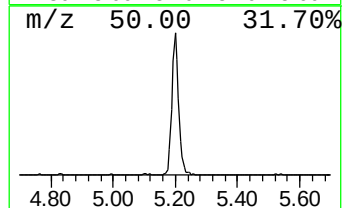
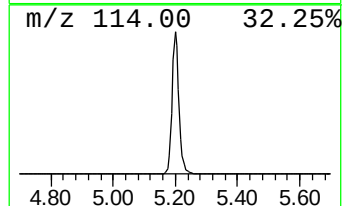
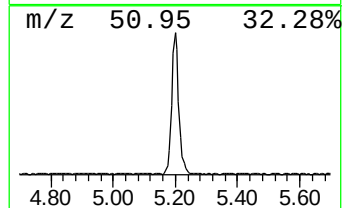
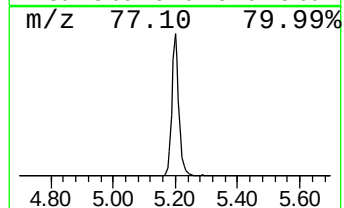
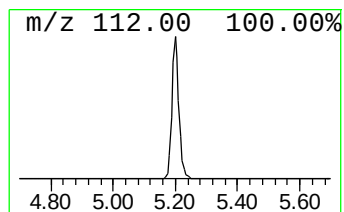
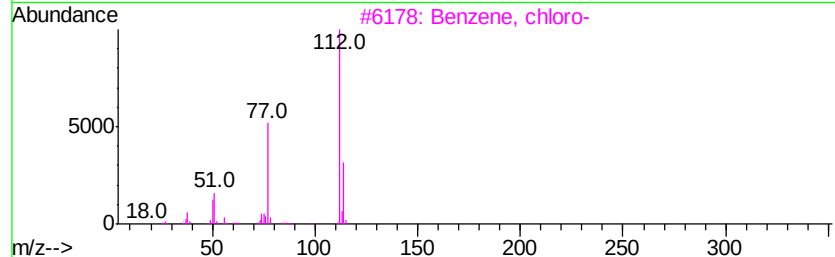
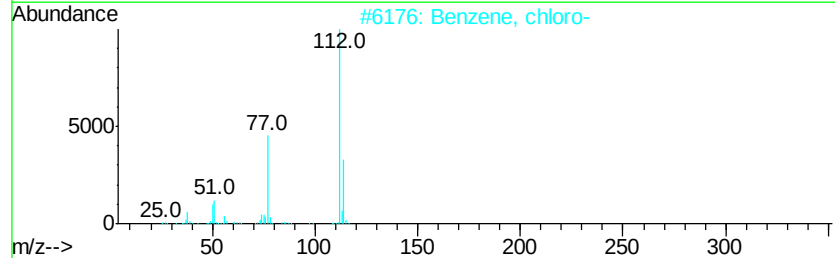
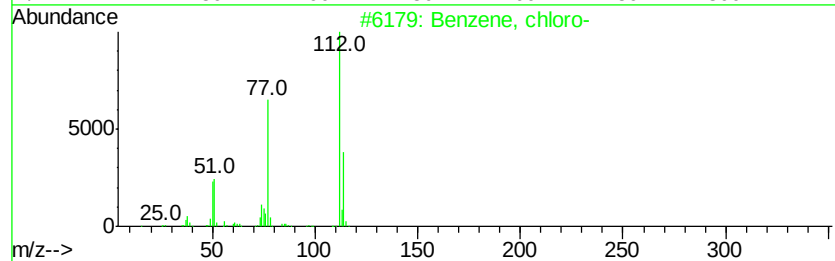
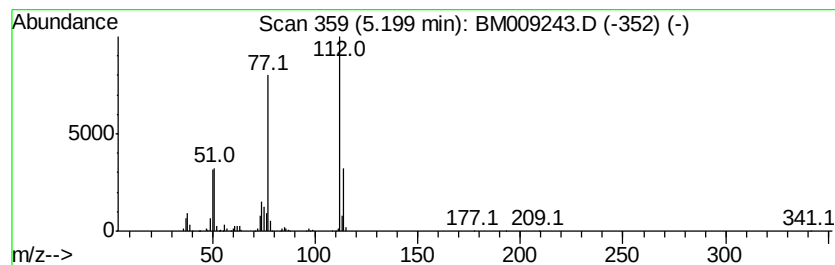
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, chloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.20	46.46 ng/ul	1797770	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, chloro-	112	C6H5Cl	000108-90-7	97
2		Benzene, chloro-	112	C6H5Cl	000108-90-7	94
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	22



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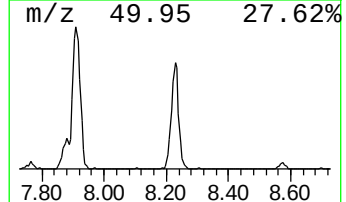
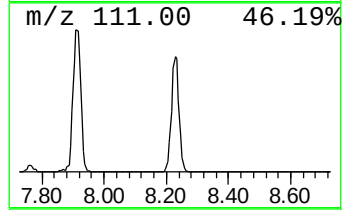
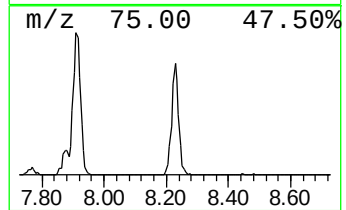
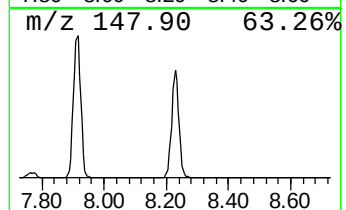
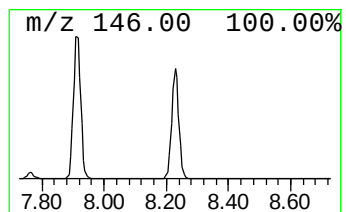
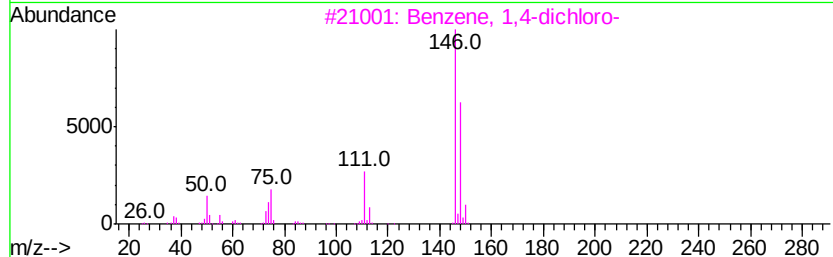
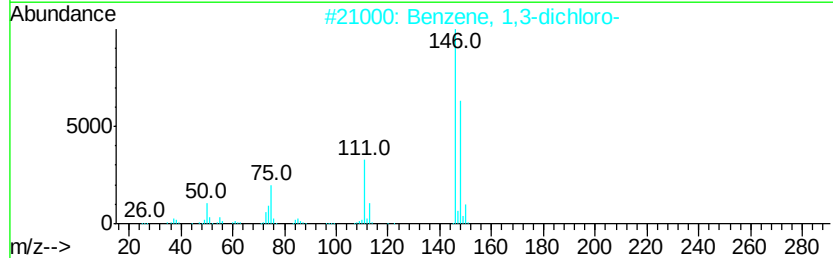
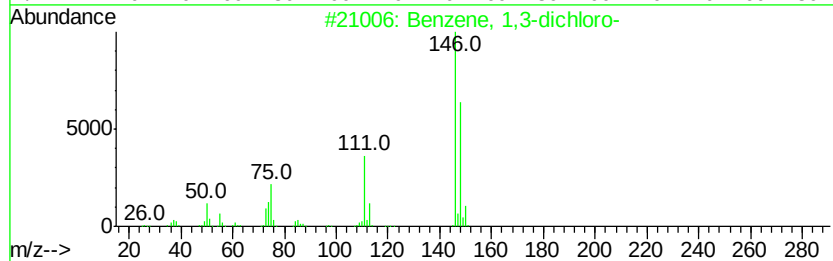
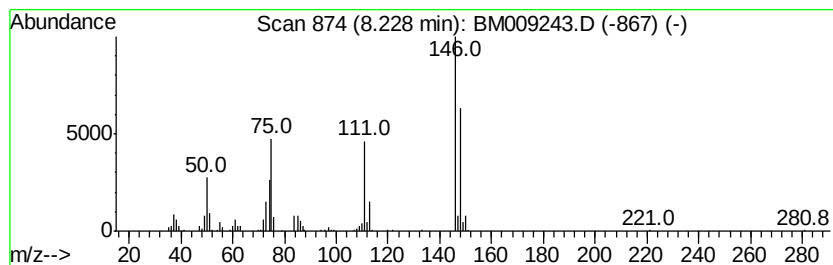
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 2 Benzene, 1,3-dichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	18.63 ng/ul	721003	1,4-Dichlorobenzene-d4	7.87

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
2		Benzene, 1,3-dichloro-	146	C6H4Cl2	000541-73-1	97
3		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
4		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
5		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96



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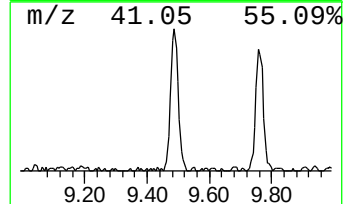
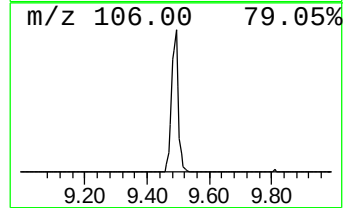
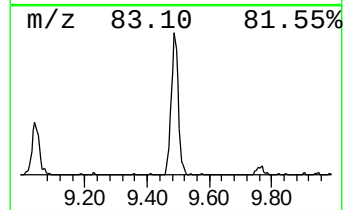
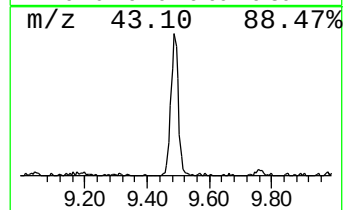
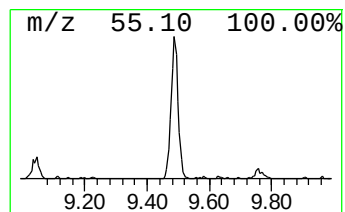
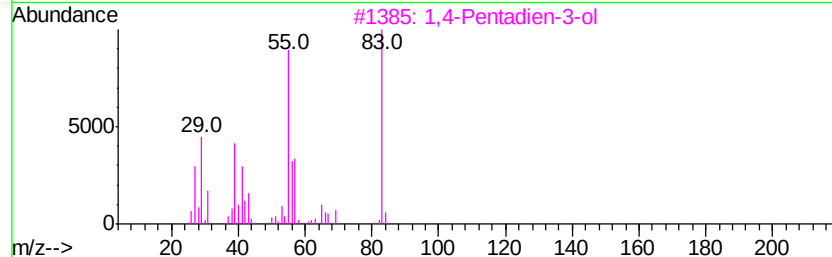
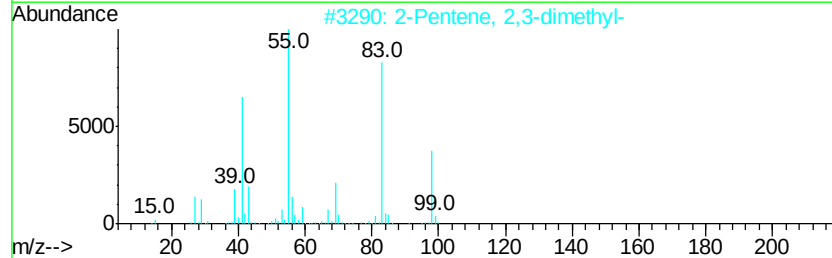
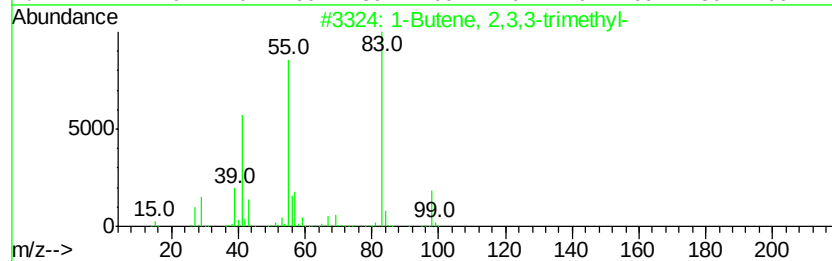
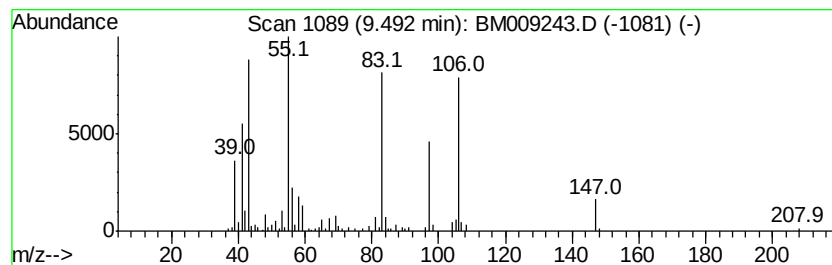
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 (DEL) Alkane: Cyclic9.49 Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
9.49	6.76 ng/ul	420137	Napthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Butene, 2,3,3-trimethyl-	98	C7H14	000594-56-9	38
2			2-Pentene, 2,3-dimethyl-	98	C7H14	010574-37-5	35
3			1,4-Pentadien-3-ol	84	C5H8O	000922-65-6	30
4			2-Pentene, 4,4-dimethyl-, (E)-	98	C7H14	000690-08-4	30
5			Phosphonous dibromide, cyclohexyl-	272	C6H11Br2P	086012-32-0	27



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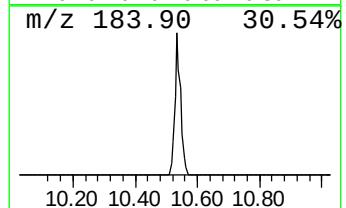
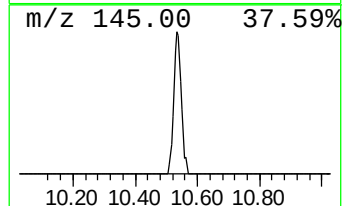
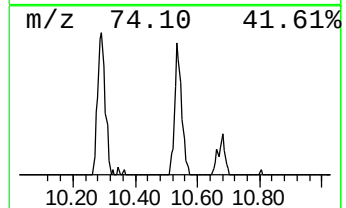
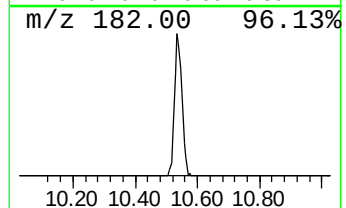
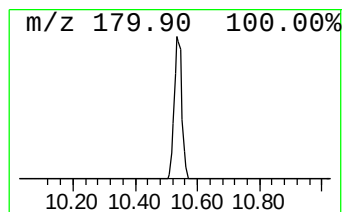
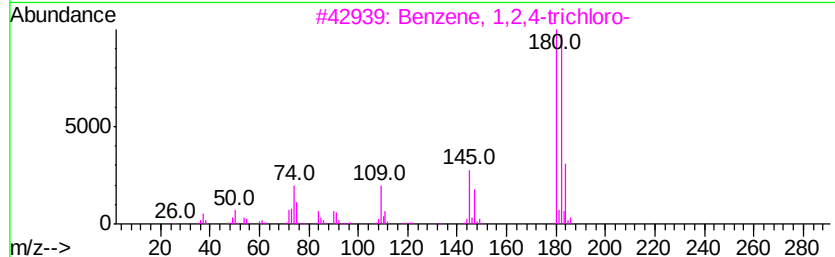
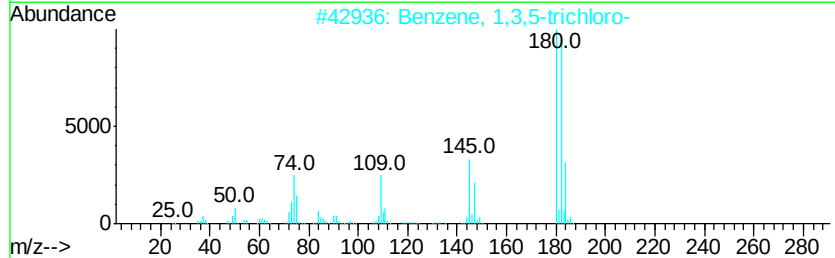
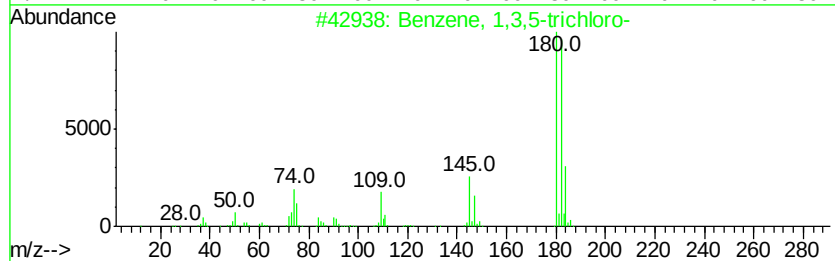
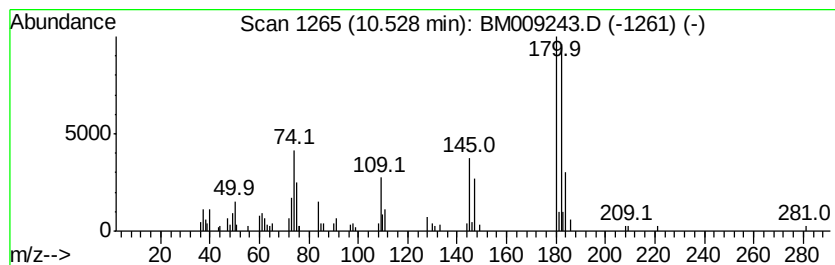
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Peak Number 4 Benzene, 1,3,5-trichloro- Concentration Rank 6

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.53	3.49 ng/ul	217132	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
2		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	95
3		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	93
4		Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	90
5		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	90



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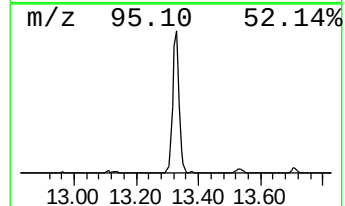
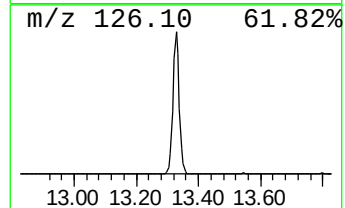
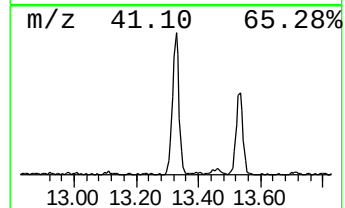
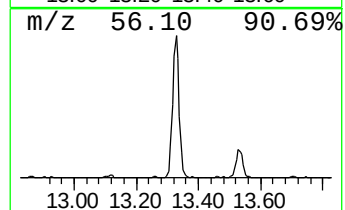
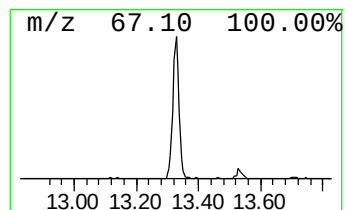
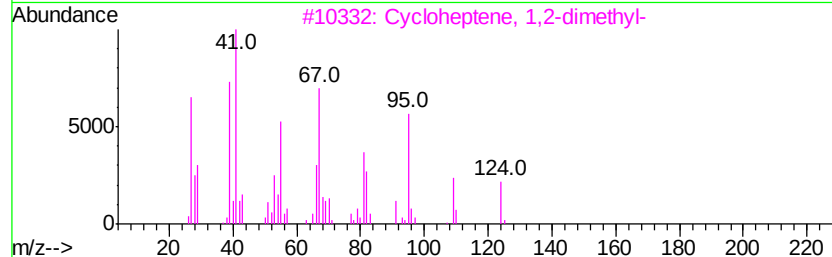
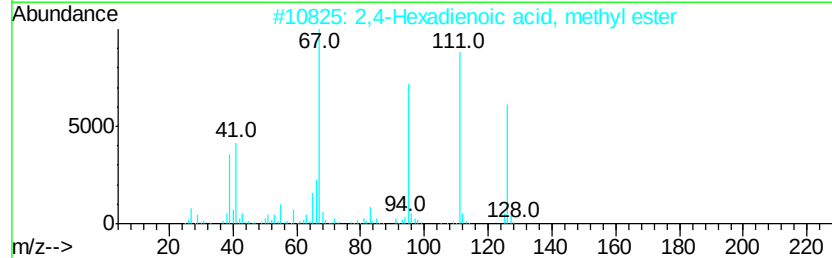
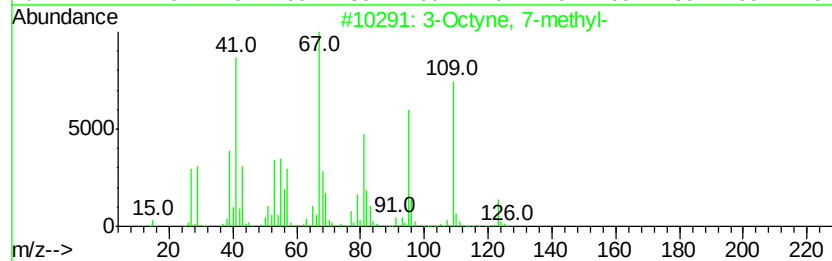
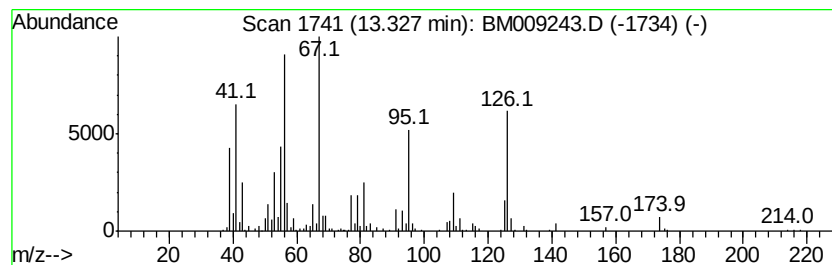
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TIC Integration Parameters: LSCINT.P

Peak Number 5 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
13.33	9.48 ng/ul	1007660	Acenaphthene-d10	14.52

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	3-Octyne, 7-methyl-	124	C9H16	037050-06-9	38	
2	2,4-Hexadienoic acid, methyl ester	126	C7H10O2	001515-80-6	38	
3	Cycloheptene, 1,2-dimethyl-	124	C9H16	020053-89-8	37	
4	2(1H)-Pyridinone	95	C5H5NO	000142-08-5	35	
5	Spiropentane	68	C5H8	000157-40-4	27	



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009243.D
Acq On : 14 Mar 2017 06:20
Operator : SJ/MA
Sample : I2181-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

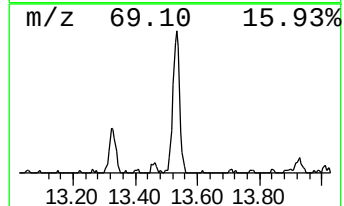
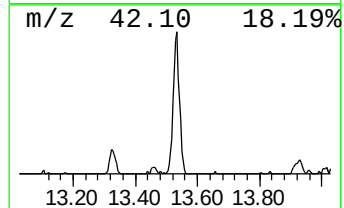
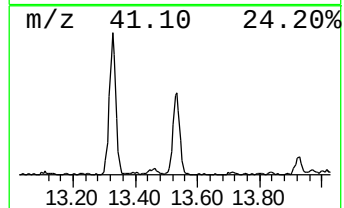
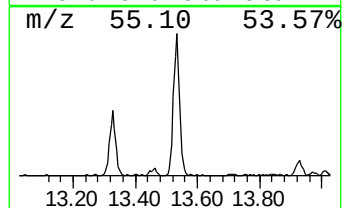
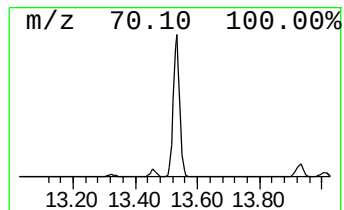
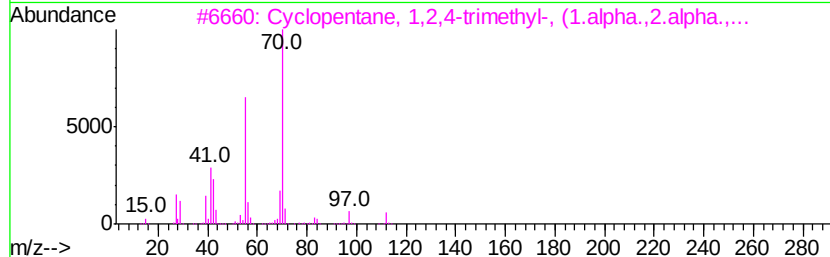
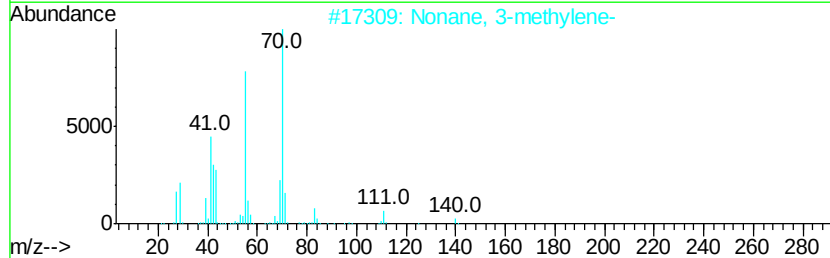
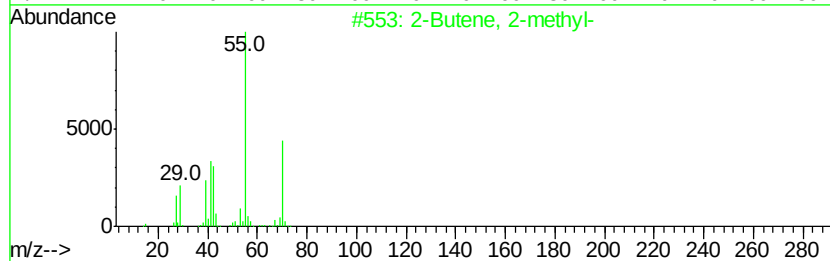
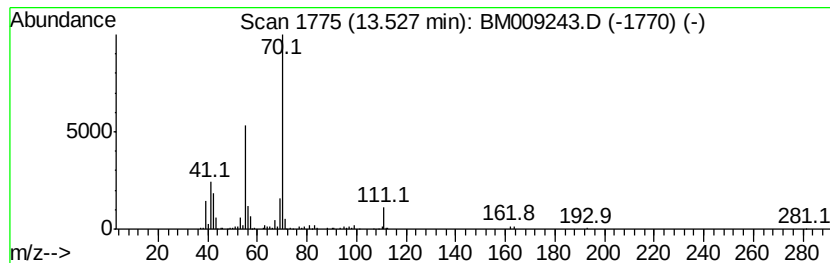
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 6 (DEL) Alkane: Cyclic13.53 Concentration Rank 5

R.T.	EstConc	Area	Relative to ISTD	R.T.	
13.53	5.82 ng/ul	619012	Acenaphthene-d10	14.52	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	2-Butene, 2-methyl-	70	C5H10	000513-35-9	72
2	Nonane, 3-methylene-	140	C10H20	051655-64-2	72
3	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	004850-28-6	72
4	Cyclopentane, 1,2,4-trimethyl-	112	C8H16	002815-58-9	72
5	Cyclopentane, 1,2,4-trimethyl-, ...	112	C8H16	016883-48-0	72



Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
Data File : BM009243.D
Acq On : 14 Mar 2017 06:20
Operator : SJ/MA
Sample : I2181-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BG6

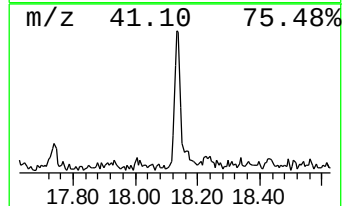
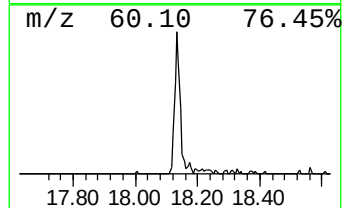
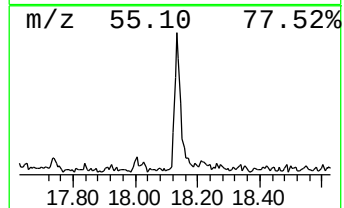
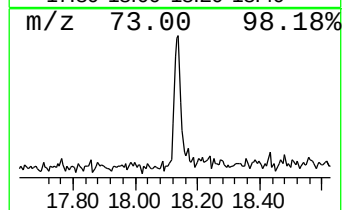
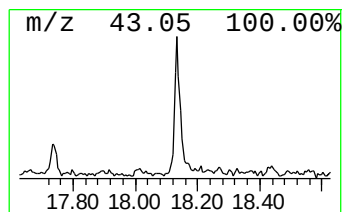
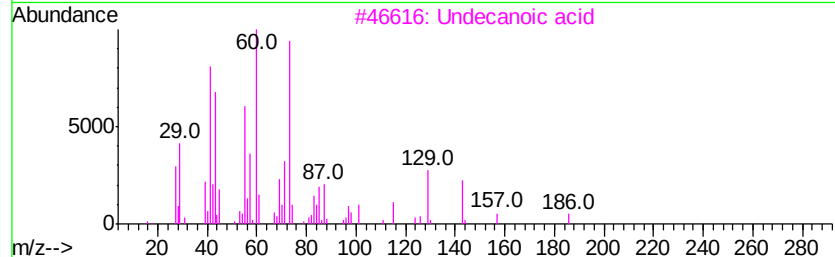
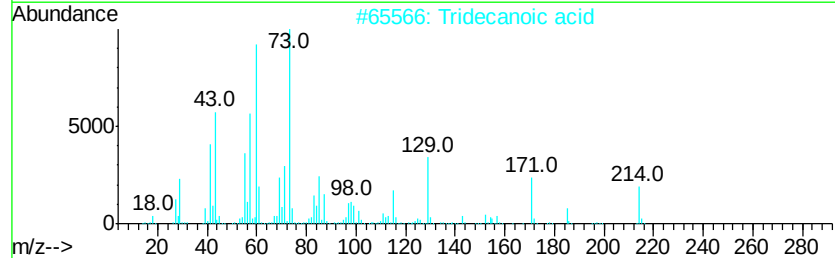
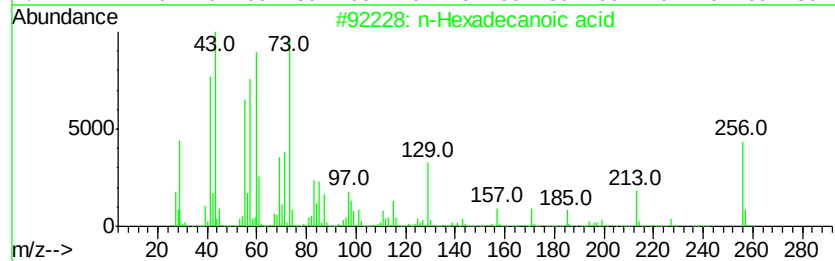
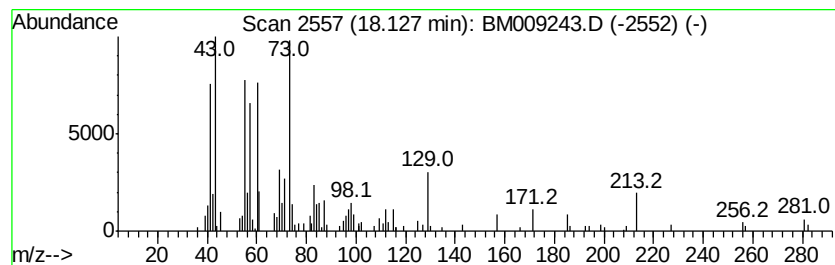
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Quant Title : SVOA CALIBRATION

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

Peak Number 7 n-Hexadecanoic acid Concentration Rank 7

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.29 ng/ul	323177	Phenanthrene-d10	17.26

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	74
2			Tridecanoic acid	214	C13H26O2	000638-53-9	70
3			Undecanoic acid	186	C11H22O2	000112-37-8	59
4			Undecanoic acid	186	C11H22O2	000112-37-8	59
5			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	53



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Sample : I2181-14
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
C0BG6

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.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, chloro-	5.20	46.5	ng/ul	1797770	1	7.87	773943	20.0
Benzene, 1,3-dich...	8.23	18.6	ng/ul	721003	1	7.87	773943	20.0
(DEL) Alkane: Cyc...	9.49	6.8	ng/ul	420137	2	10.67	1243650	20.0
Benzene, 1,3,5-tr...	10.53	3.5	ng/ul	217132	2	10.67	1243650	20.0
unknown-01	13.33	9.5	ng/ul	1007660	3	14.52	2125780	20.0
(DEL) Alkane: Cyc...	13.53	5.8	ng/ul	619012	3	14.52	2125780	20.0
n-Hexadecanoic acid	18.13	2.3	ng/ul	323177	4	17.26	2818010	20.0