

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031317\
 Data File : BM009246.D
 Acq On : 14 Mar 2017 09:22
 Operator : SJ/MA
 Sample : I2181-16
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BG9

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	5.198	353	359	369	rBV	398691	638232	4.93%	1.187%
2	7.034	665	671	680	rBV2	77768	196347	1.52%	0.365%
3	7.210	695	701	710	rBV	253882	411295	3.18%	0.765%
4	7.404	728	734	743	rBV2	260503	432609	3.34%	0.805%
5	7.763	787	795	804	rBV	548782	875639	6.76%	1.629%
6	7.916	808	821	831	rBV	7704922	12945596	100.00%	24.080%
7	8.228	865	874	883	rBV	2175467	3450823	26.66%	6.419%
8	8.569	925	932	942	rBV	220987	371014	2.87%	0.690%
9	9.039	1006	1012	1022	rVB	349676	587471	4.54%	1.093%
10	9.757	1127	1134	1143	rBV	264333	459772	3.55%	0.855%
11	10.292	1218	1225	1233	rBV	386476	669297	5.17%	1.245%
12	10.539	1259	1267	1276	rVB	1027335	1764336	13.63%	3.282%
13	10.675	1283	1290	1301	rVB	691509	1177842	9.10%	2.191%
14	11.057	1347	1355	1362	rBV	191358	322513	2.49%	0.600%
15	12.704	1623	1635	1641	rVB	311639	496119	3.83%	0.923%
16	13.316	1732	1739	1748	rVB2	357548	622460	4.81%	1.158%
17	13.921	1833	1842	1847	rBV	990275	1371224	10.59%	2.551%
18	14.210	1884	1891	1899	rBV	949314	1400270	10.82%	2.605%
19	14.515	1937	1943	1951	rVB2	1233612	1911997	14.77%	3.556%
20	14.710	1971	1976	1983	rBV2	85853	143500	1.11%	0.267%
21	15.509	2106	2112	2119	rBV	1445922	1983306	15.32%	3.689%
22	15.627	2126	2132	2144	rBV	467854	653815	5.05%	1.216%
23	17.268	2403	2411	2417	rBV2	1851556	2726249	21.06%	5.071%
24	17.362	2421	2427	2436	rBV	1719807	2427098	18.75%	4.515%
25	18.133	2553	2558	2566	rBV2	205536	295861	2.29%	0.550%
26	19.409	2771	2775	2780	rBV4	113804	146322	1.13%	0.272%
27	19.656	2811	2817	2824	rBV	2382157	3164182	24.44%	5.886%
28	21.127	3063	3067	3071	rBV4	185700	246497	1.90%	0.459%
29	21.439	3115	3120	3126	rBV	3276905	4113675	31.78%	7.652%
30	23.627	3485	3492	3502	rVB2	1783540	3618509	27.95%	6.731%
31	23.774	3511	3517	3525	rVB	2166235	4137276	31.96%	7.696%

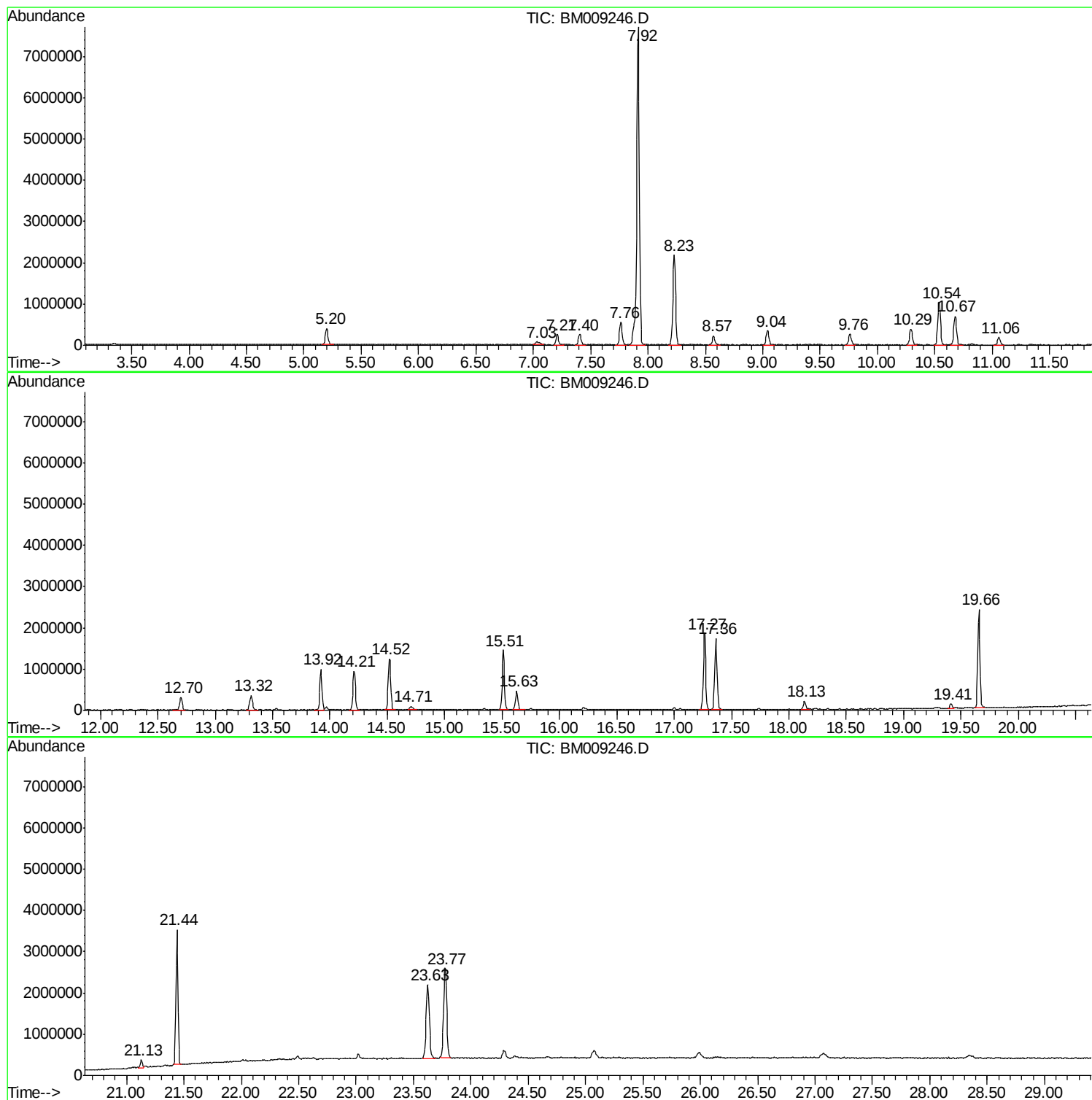
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Quant Title : SVOA CALIBRATION

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



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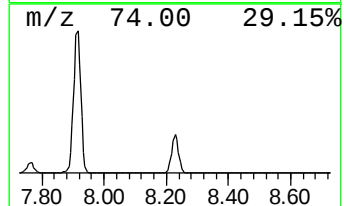
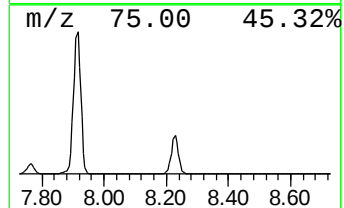
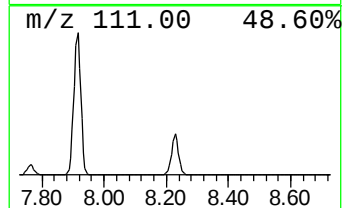
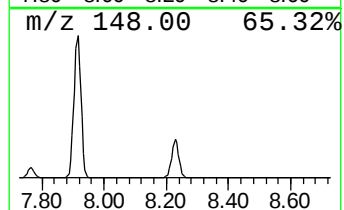
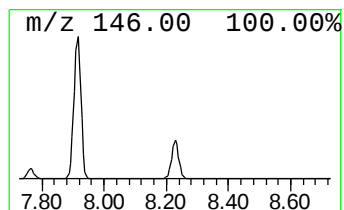
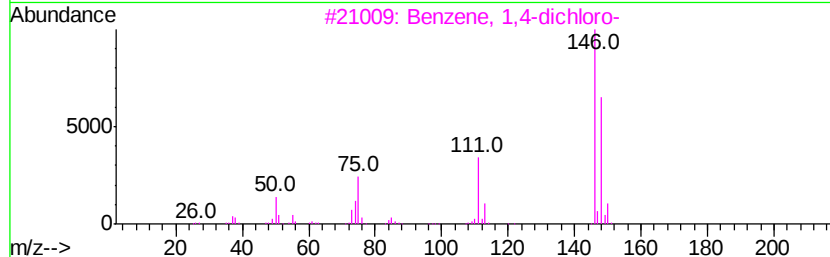
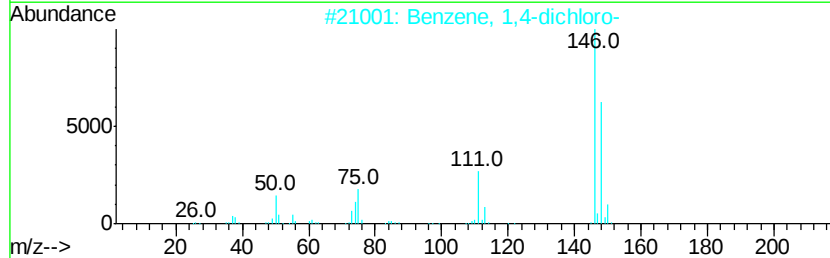
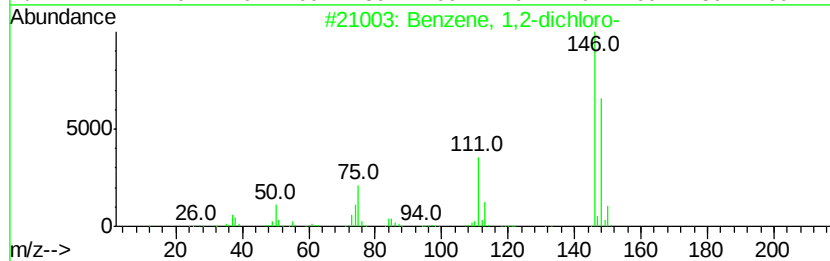
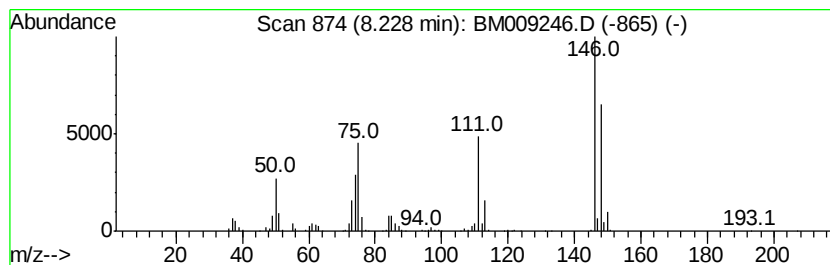
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM02.2-EPA-2016\SOM-EPA-BM031317MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Benzene, 1,2-dichloro- Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
8.23	5.33 ng/ul	3450820	1,4-Dichlorobenzene-d4	7.88

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2-dichloro-	146	C6H4Cl2	000095-50-1	97
2		Benzene, 1,4-dichloro-	146	C6H4Cl2	000106-46-7	96
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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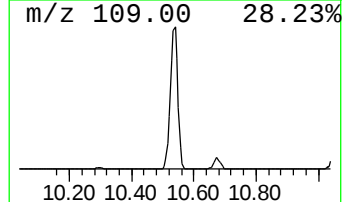
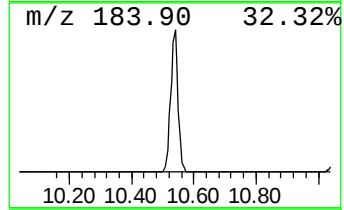
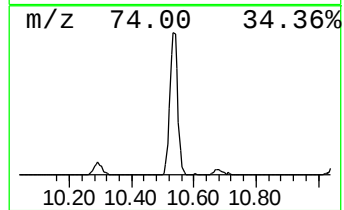
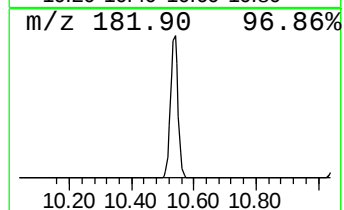
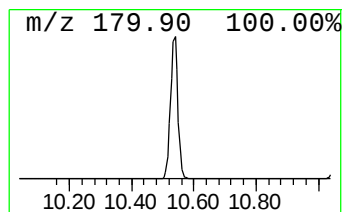
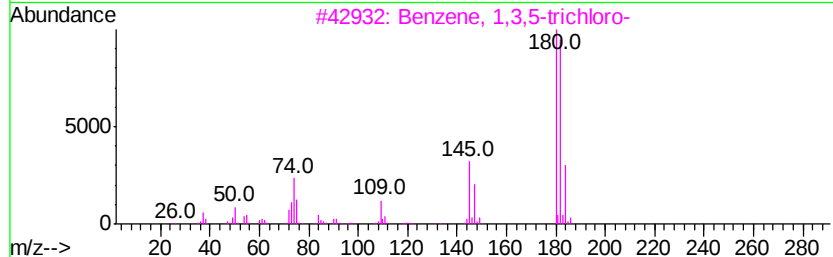
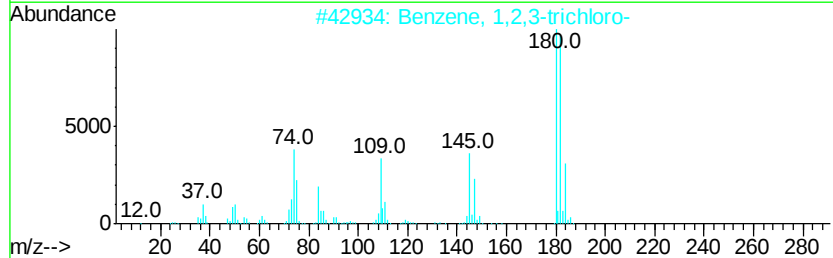
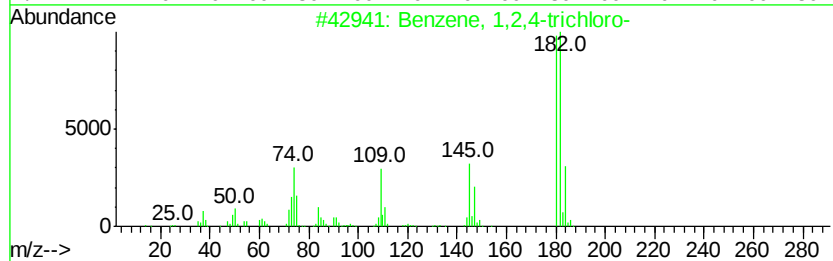
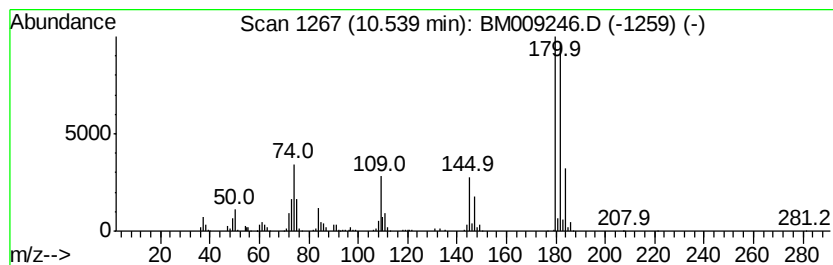
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Peak Number 2 Benzene, 1,2,4-trichloro- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
10.54	29.96 ng/ul	1764340	Napthalene-d8	10.67

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
2		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
3		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
4		Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	96
5		Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	96



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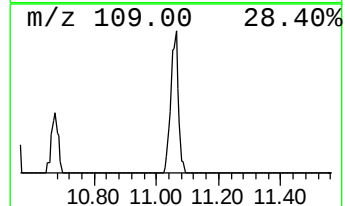
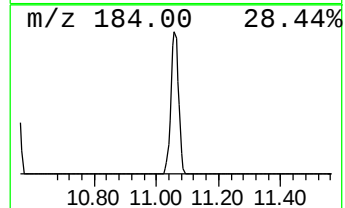
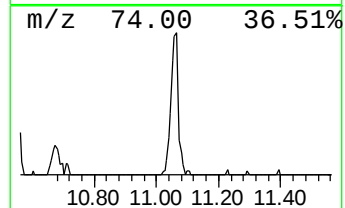
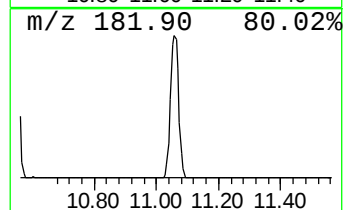
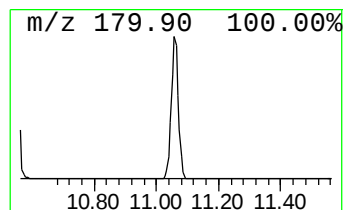
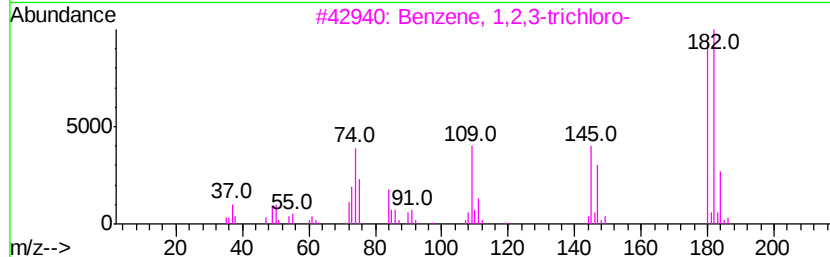
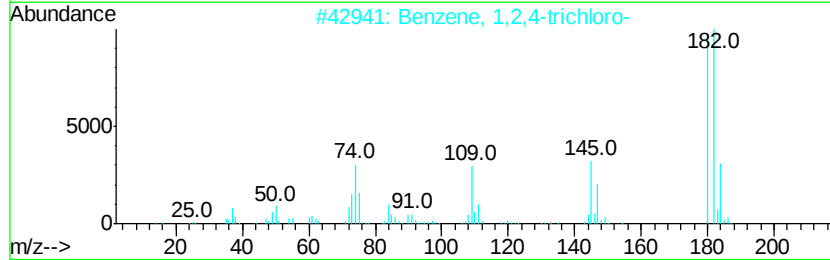
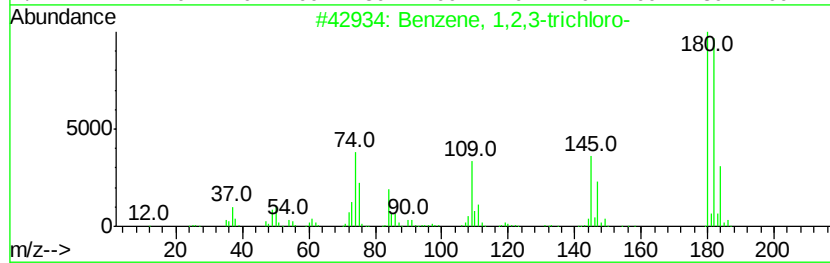
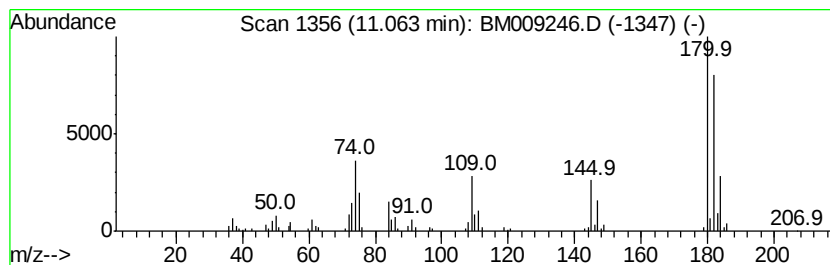
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TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzene, 1,2,3-trichloro- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
11.06	5.48 ng/ul	322513	Naphthalene-d8	10.67

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	99
2			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	98
3			Benzene, 1,2,3-trichloro-	180	C6H3Cl3	000087-61-6	97
4			Benzene, 1,3,5-trichloro-	180	C6H3Cl3	000108-70-3	97
5			Benzene, 1,2,4-trichloro-	180	C6H3Cl3	000120-82-1	94



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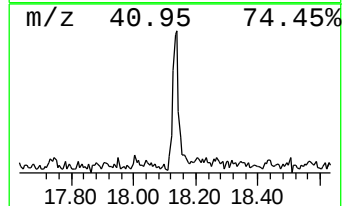
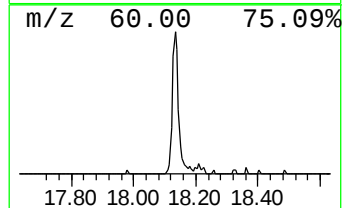
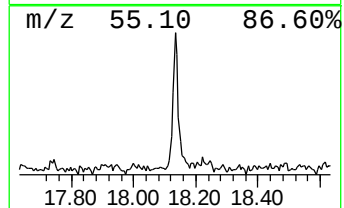
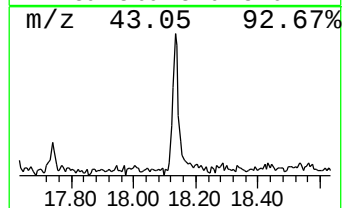
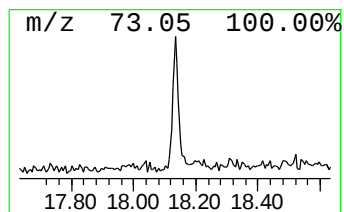
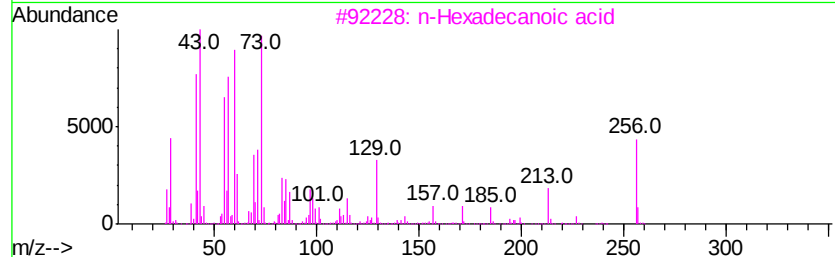
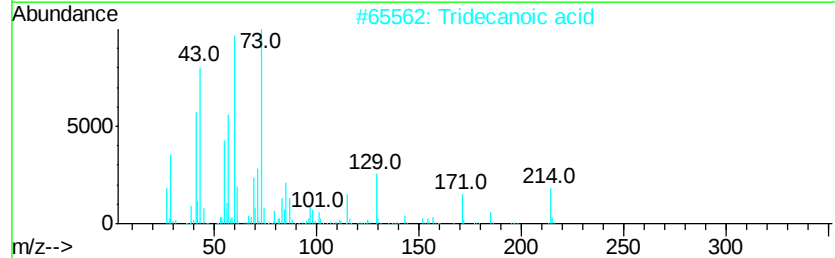
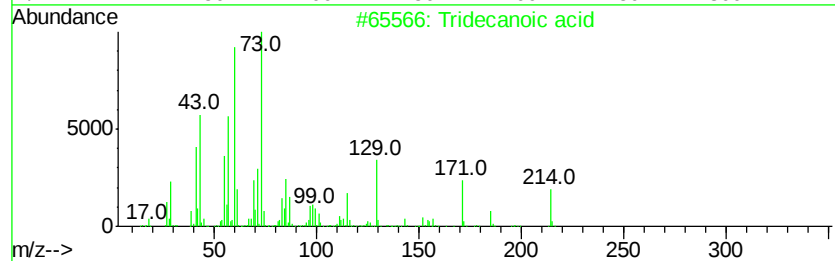
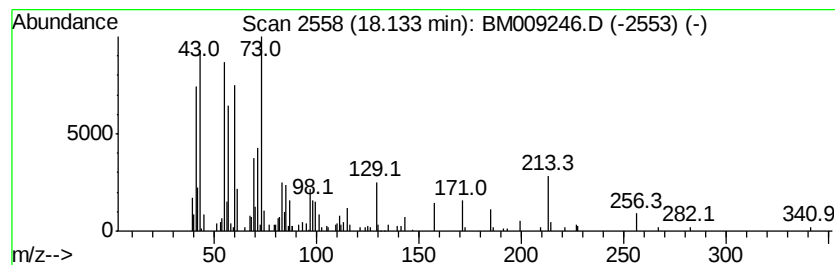
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Peak Number 4 Tridecanoic acid Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.13	2.17 ng/ul	295861	Phenanthrene-d10	17.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tridecanoic acid	214	C13H26O2	000638-53-9	62	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	62	
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	62	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	49	
5	n-Decanoic acid	172	C10H20O2	000334-48-5	49	



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzene, 1,2-dich...	8.23	5.3	ng/ul	3450820	1	7.88	12945600	20.0
Benzene, 1,2,4-tr...	10.54	30.0	ng/ul	1764340	2	10.67	1177840	20.0
Benzene, 1,2,3-tr...	11.06	5.5	ng/ul	322513	2	10.67	1177840	20.0
Tridecanoic acid	18.13	2.2	ng/ul	295861	4	17.27	2726250	20.0