

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062819\
 Data File : BM021244.D
 Acq On : 28 Jun 2019 22:55
 Operator : HP/JU
 Sample : K3462-08
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFCN3

Integration Parameters: LSCINT.P

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

Filtering: 5
 Min Area: 0.1 % 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:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.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	3.016	3	5	21	rVB	2205201	2663879	28.17%	3.040%
2	3.240	40	43	47	rBV	65518	95565	1.01%	0.109%
3	3.281	47	50	56	rVB	67600	89436	0.95%	0.102%
4	4.404	237	241	254	rVB	267545	378185	4.00%	0.432%
5	6.863	654	659	664	rVB	161856	222516	2.35%	0.254%
6	6.928	665	670	683	rVB	264787	485215	5.13%	0.554%
7	7.104	693	700	713	rBV	869453	1408541	14.90%	1.607%
8	7.292	725	732	741	rBV	1030810	1626497	17.20%	1.856%
9	7.757	805	811	818	rBV	890910	1413680	14.95%	1.613%
10	7.810	818	820	825	rVB4	9154	11924	0.13%	0.014%
11	8.463	924	931	944	rBV	854381	1363976	14.43%	1.556%
12	8.922	1002	1009	1020	rBV	1263041	2067208	21.86%	2.359%
13	9.286	1065	1071	1078	rVB	112673	161258	1.71%	0.184%
14	9.639	1124	1131	1141	rBV	1059600	1778364	18.81%	2.029%
15	10.169	1212	1221	1241	rBV	1555106	3042856	32.18%	3.472%
16	10.545	1277	1285	1293	rBV	1377943	2256538	23.86%	2.575%
17	10.698	1304	1311	1321	rBV	104898	194124	2.05%	0.222%
18	11.510	1439	1449	1468	rBV	935343	1933584	20.45%	2.206%
19	11.780	1488	1495	1503	rVB	102813	152999	1.62%	0.175%
20	12.139	1551	1556	1563	rVB2	32602	50758	0.54%	0.058%
21	12.992	1698	1701	1709	rVB4	4304	10199	0.11%	0.012%
22	13.363	1760	1764	1769	rBV6	9630	15999	0.17%	0.018%
23	13.816	1830	1841	1845	rBV	3661658	4954591	52.40%	5.654%
24	13.863	1845	1849	1858	rVB	408613	581530	6.15%	0.664%
25	14.092	1881	1888	1899	rBV	4107681	5976414	63.21%	6.820%
26	14.398	1933	1940	1949	rBV2	2259025	3456004	36.55%	3.944%
27	14.616	1971	1977	1997	rBV	151816	320397	3.39%	0.366%
28	15.151	2061	2068	2073	rBV	442774	609275	6.44%	0.695%
29	15.227	2078	2081	2089	rVB2	17589	30916	0.33%	0.035%
30	15.351	2097	2102	2104	rBV	41044	53117	0.56%	0.061%
31	15.398	2104	2110	2119	rVB	5347186	7727183	81.72%	8.818%
32	15.521	2125	2131	2144	rBV	1449513	1980439	20.94%	2.260%
33	15.633	2144	2150	2156	rVB	62981	97410	1.03%	0.111%
34	16.180	2239	2243	2247	rVB3	12610	17013	0.18%	0.019%

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35	16.598	2311	2314	2319	rVB2	37240	43784	0.46%	0.050%
36	16.933	2367	2371	2377	rVB3	10586	17468	0.18%	0.020%
37	17.151	2402	2408	2418	rBV	3074749	4310806	45.59%	4.919%
38	17.251	2418	2425	2435	rBV	5929638	8310973	87.90%	9.484%
39	17.668	2492	2496	2498	rBV	27108	30346	0.32%	0.035%
40	17.909	2531	2537	2539	rBV5	8441	12352	0.13%	0.014%
41	18.039	2554	2559	2568	rBV	172859	281516	2.98%	0.321%
42	18.327	2605	2608	2611	rBV4	11402	15115	0.16%	0.017%
43	18.609	2650	2656	2662	rVB	32945	43966	0.46%	0.050%
44	18.962	2713	2716	2718	rBV2	11550	14424	0.15%	0.016%
45	19.109	2737	2741	2746	rBV7	6516	11444	0.12%	0.013%
46	19.174	2748	2752	2764	rBV	78316	152528	1.61%	0.174%
47	19.315	2772	2776	2785	rBV3	59306	89214	0.94%	0.102%
48	19.427	2789	2795	2799	rVV2	54607	104018	1.10%	0.119%
49	19.468	2799	2802	2807	rVB2	26488	29453	0.31%	0.034%
50	19.545	2808	2815	2826	rBV	7324155	9455555	100.00%	10.790%
51	20.109	2908	2911	2915	rVB3	26061	26630	0.28%	0.030%
52	21.039	3065	3069	3080	rBV3	164466	308177	3.26%	0.352%
53	21.333	3114	3119	3127	rBV	3163917	3928672	41.55%	4.483%
54	21.474	3140	3143	3148	rBV4	69551	85679	0.91%	0.098%
55	21.909	3215	3217	3221	rVB2	104186	106940	1.13%	0.122%
56	22.380	3294	3297	3308	rVB	207004	289089	3.06%	0.330%
57	22.891	3380	3384	3391	rVB	235642	349219	3.69%	0.399%
58	23.456	3473	3480	3493	rVB	4410161	8213067	86.86%	9.372%
59	23.597	3498	3504	3519	rVB	1891430	3810070	40.29%	4.348%
60	24.115	3589	3592	3601	rVB2	219002	364774	3.86%	0.416%

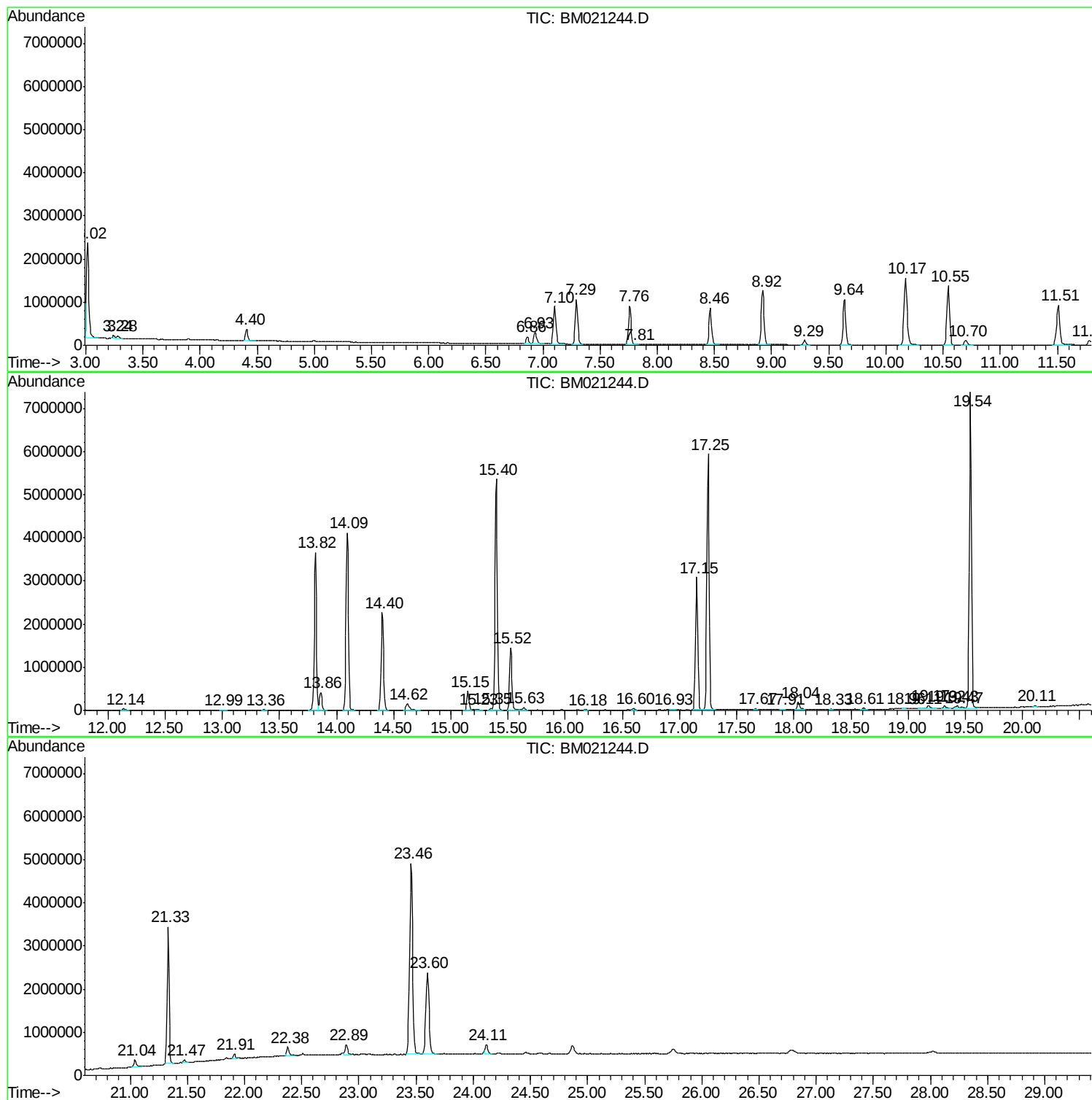
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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



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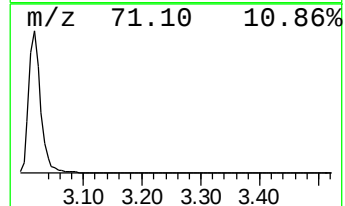
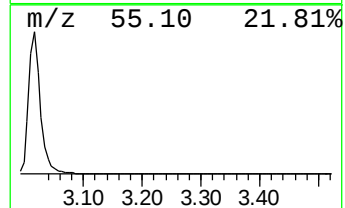
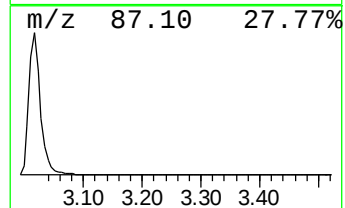
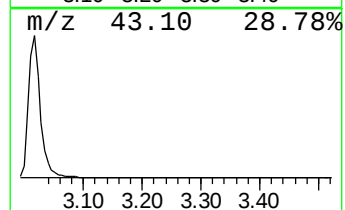
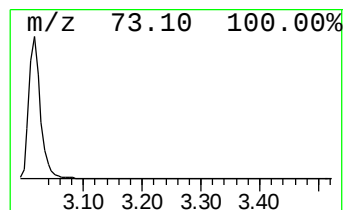
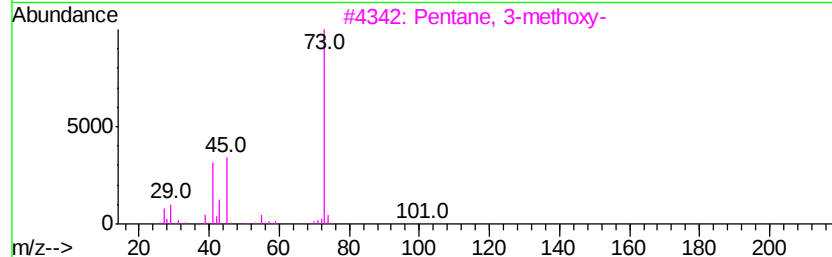
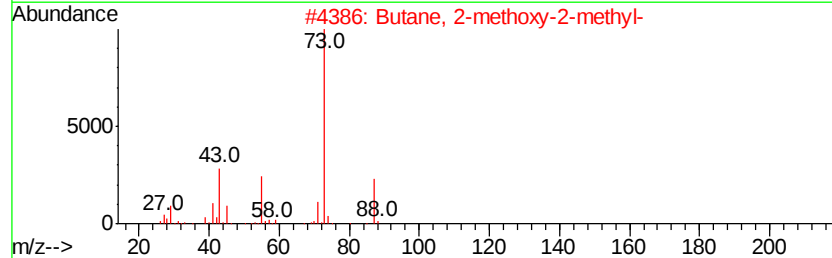
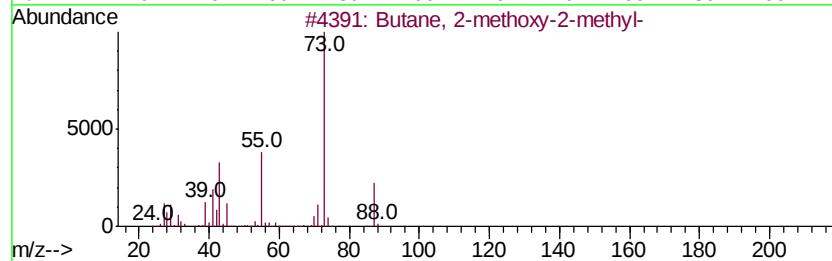
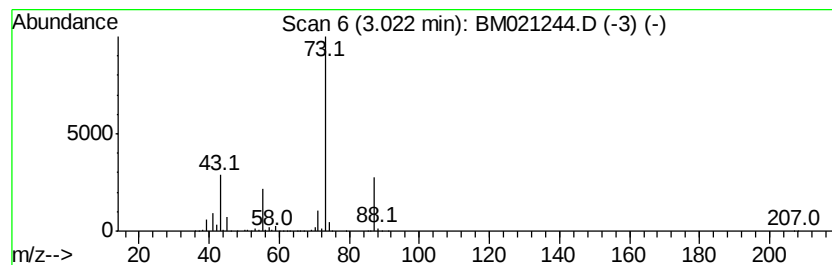
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.02	37.69 ng/ul	2663880	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	83
2		Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78
3		Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23
4		Silane, tetramethyl-	88	C4H12Si	000075-76-3	17
5		1,3-Dioxolane, 2-methyl-	88	C4H8O2	000497-26-7	9



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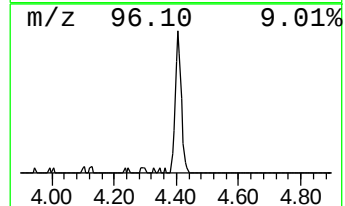
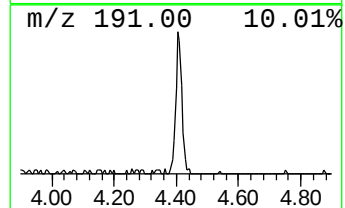
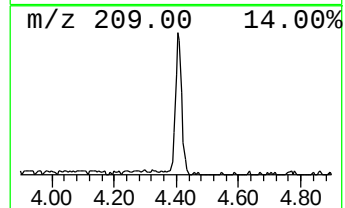
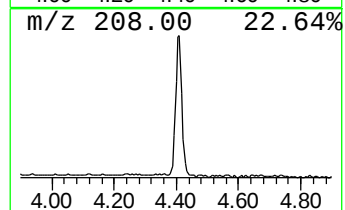
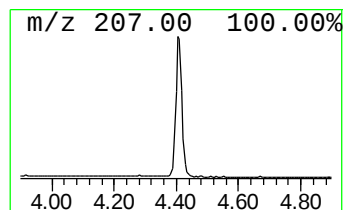
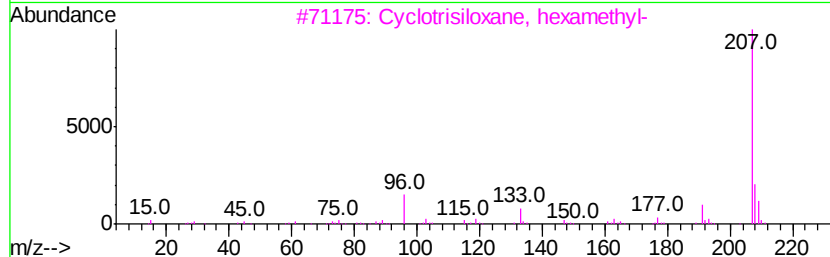
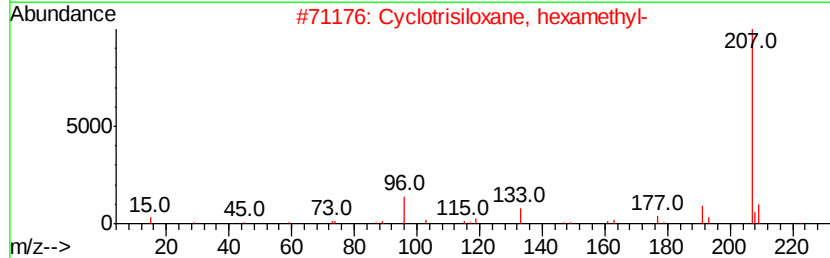
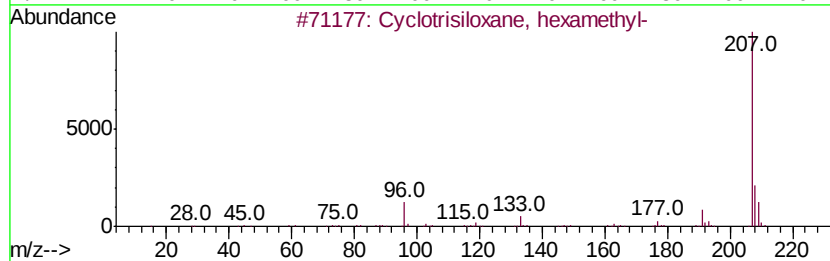
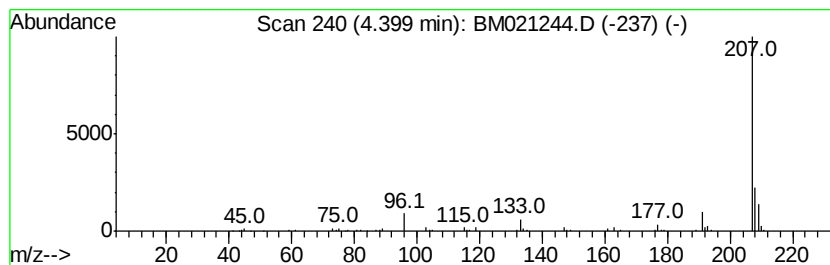
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 2 Cyclotrisiloxane, hexamethyl- Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.40	5.35 ng/ul	378185	1,4-Dichlorobenzene-d4	7.76

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	87
2		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	72
3		Cyclotrisiloxane, hexamethyl-	222	C6H18O3Si3	000541-05-9	47
4		Anthracene, 9-ethyl-9,10-dihydro...	264	C20H24	1000154-57-7	40
5		Benzo[h]quinoline, 2,4-dimethyl-	207	C15H13N	000605-67-4	39



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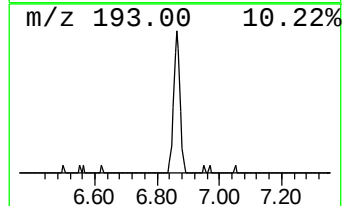
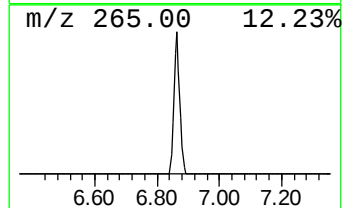
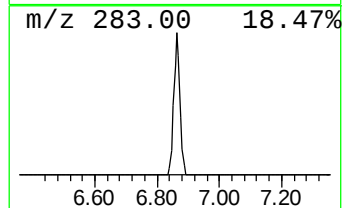
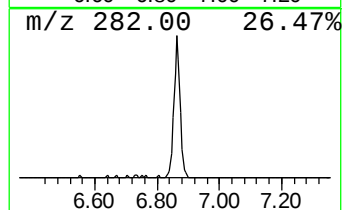
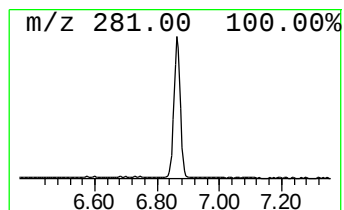
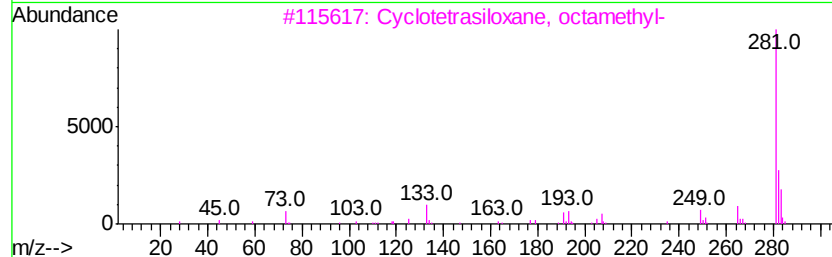
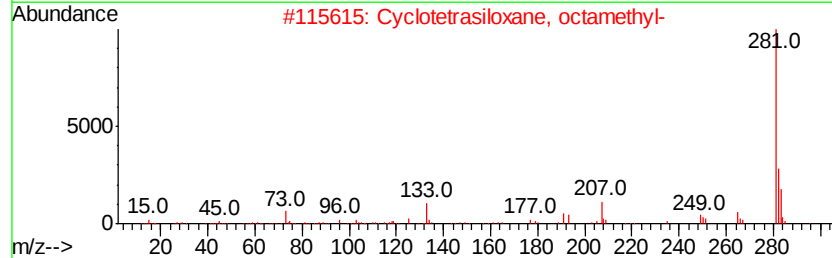
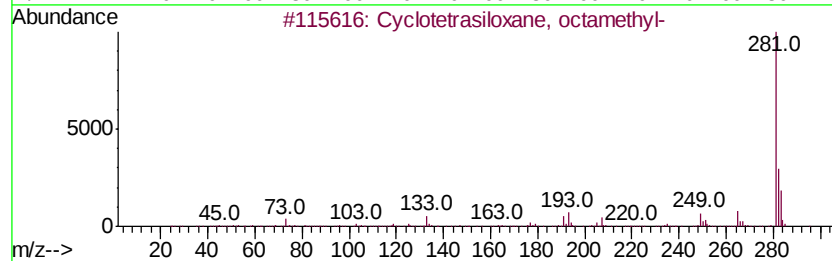
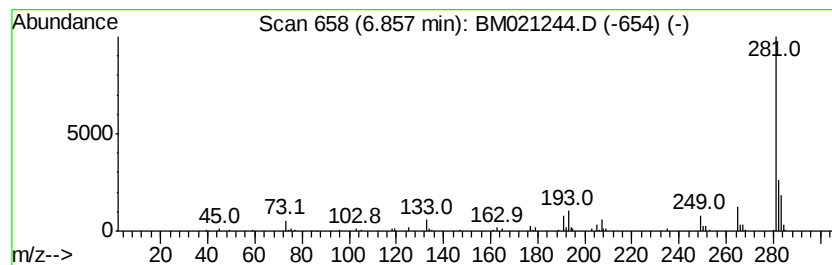
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 Cyclotetrasiloxane, octamet... Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
6.86	3.15 ng/ul	222516	1,4-Dichlorobenzene-d4	7.76

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	91
2		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
3		Cyclotetrasiloxane, octamethyl-	296	C8H24O4Si4	000556-67-2	90
4		7H-Dibenzo[b, a]carbazole, 7-methyl-	281	C21H15N	003557-49-1	45
5		4H-1,2,4-Triazole-3-thiol, 4-alk...	281	C16H15N3S	031803-13-1	43



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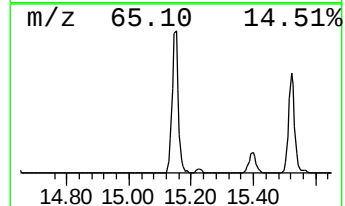
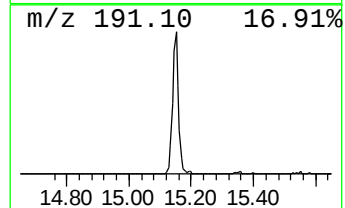
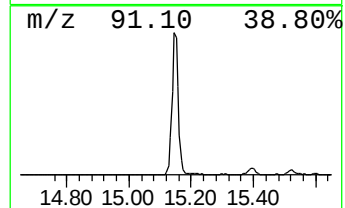
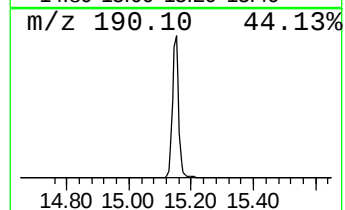
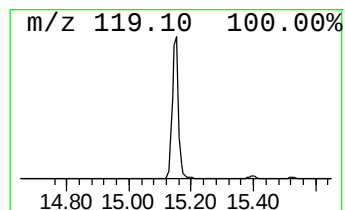
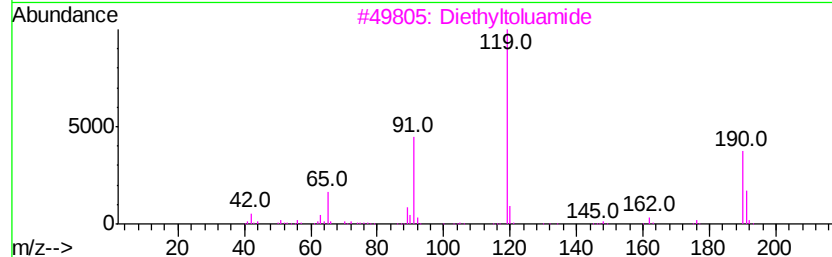
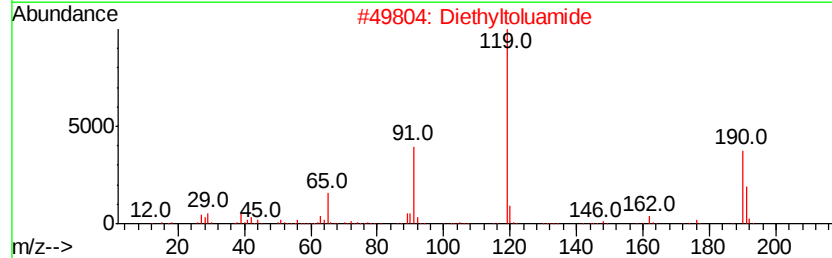
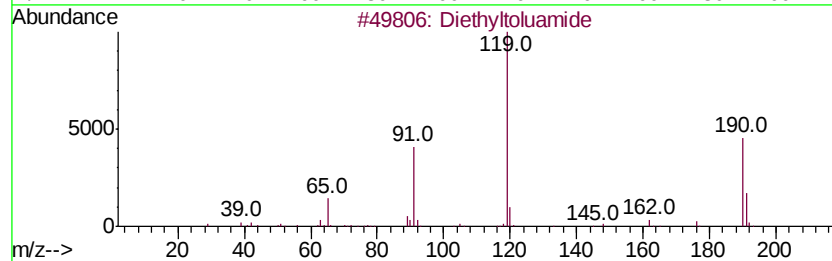
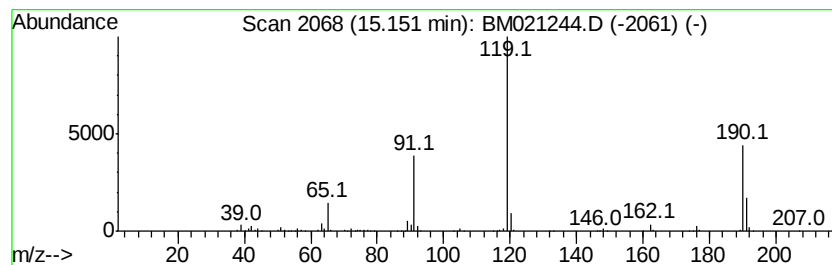
Instrument :
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Peak Number 4 Diethyltoluamide Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.15	3.53 ng/ul	609275	Acenaphthene-d10	14.40
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Diethyltoluamide	191	C12H17NO	000134-62-3 97
2	Diethyltoluamide	191	C12H17NO	000134-62-3 96
3	Diethyltoluamide	191	C12H17NO	000134-62-3 94
4	Benzamide, N,N-diethyl-4-methyl-	191	C12H17NO	002728-05-4 87
5	Diethyltoluamide	191	C12H17NO	000134-62-3 81



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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.02	37.7	ng/ul	2663880	1	7.76	1413680	20.0
Cyclotrisiloxane,...	4.40	5.3	ng/ul	378185	1	7.76	1413680	20.0
Cyclotetrasiloxan...	6.86	3.1	ng/ul	222516	1	7.76	1413680	20.0
Diethyltoluamide	15.15	3.5	ng/ul	609275	3	14.40	3456000	20.0