

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM102919\
 Data File : BM023438.D
 Acq On : 29 Oct 2019 12:21
 Operator : JU
 Sample : K5423-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE4H0

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-BM102319MA.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	3.152	25	28	32	rBV	104979	127661	1.23%	0.128%
2	5.199	371	376	382	rVB	110636	156631	1.50%	0.157%
3	6.804	643	649	657	rBV	418544	676167	6.49%	0.680%
4	6.963	670	676	690	rVB	1137407	1863462	17.89%	1.874%
5	7.163	703	710	719	rBV	1356343	2170301	20.83%	2.182%
6	7.622	781	788	798	rVB	1450290	2288618	21.97%	2.301%
7	8.334	903	909	920	rBV	1093960	1744736	16.75%	1.754%
8	8.775	977	984	995	rVB	1435179	2428146	23.31%	2.441%
9	9.492	1097	1106	1114	rBV	1192425	1970033	18.91%	1.981%
10	9.722	1136	1145	1151	rBV5	29728	59168	0.57%	0.059%
11	10.034	1190	1198	1210	rBV	1692443	2933492	28.16%	2.950%
12	10.404	1253	1261	1271	rVB	1917344	3228147	30.99%	3.246%
13	10.545	1281	1285	1290	rBV6	8783	16439	0.16%	0.017%
14	10.645	1298	1302	1308	rVB8	5508	11904	0.11%	0.012%
15	10.798	1326	1328	1335	rVB5	10223	12594	0.12%	0.013%
16	10.975	1353	1358	1364	rBV3	17296	32016	0.31%	0.032%
17	11.051	1364	1371	1379	rVV	90531	173065	1.66%	0.174%
18	11.681	1472	1478	1485	rBV	627763	969182	9.30%	0.975%
19	11.745	1485	1489	1495	rVV3	26836	45502	0.44%	0.046%
20	11.792	1495	1497	1504	rVB7	5987	10968	0.11%	0.011%
21	11.875	1508	1511	1517	rVV4	16703	27239	0.26%	0.027%
22	11.945	1517	1523	1525	rVV6	5970	12359	0.12%	0.012%
23	11.998	1528	1532	1540	rBV2	33758	57808	0.55%	0.058%
24	12.575	1624	1630	1637	rVB	280804	413394	3.97%	0.416%
25	12.651	1637	1643	1647	rBV2	38278	57643	0.55%	0.058%
26	12.686	1647	1649	1655	rVB3	11531	16245	0.16%	0.016%
27	12.816	1665	1671	1679	rBV	76233	113105	1.09%	0.114%
28	13.186	1729	1734	1739	rVB6	19237	27490	0.26%	0.028%
29	13.333	1756	1759	1764	rBV6	5629	10449	0.10%	0.011%
30	13.445	1773	1778	1788	rBV10	23763	45195	0.43%	0.045%
31	13.539	1788	1794	1797	rVV6	9489	20203	0.19%	0.020%
32	13.592	1797	1803	1809	rVV	100004	170569	1.64%	0.172%
33	13.686	1813	1819	1834	rVV	3353732	4945730	47.47%	4.973%
34	13.839	1838	1845	1851	rVB3	80642	128449	1.23%	0.129%

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35	13.963	1857	1866	1876	rBV	3829169	5774251	55.43%	5.806%
36	14.033	1876	1878	1883	rVB5	10636	15313	0.15%	0.015%
37	14.275	1910	1919	1926	rBV2	2787854	4368588	41.93%	4.393%
38	14.369	1929	1935	1941	rVV	77403	117456	1.13%	0.118%
39	14.492	1946	1956	1965	rBV	267726	560823	5.38%	0.564%
40	14.592	1970	1973	1984	rVV6	24872	73539	0.71%	0.074%
41	14.698	1988	1991	1997	rVB8	17249	32235	0.31%	0.032%
42	14.810	2006	2010	2016	rVB5	41523	60413	0.58%	0.061%
43	14.974	2029	2038	2043	rBV5	44962	125801	1.21%	0.126%
44	15.033	2044	2048	2054	rVV	69301	99241	0.95%	0.100%
45	15.110	2054	2061	2066	rVB	97764	155136	1.49%	0.156%
46	15.269	2081	2088	2103	rBV	5211196	7465238	71.66%	7.506%
47	15.398	2103	2110	2122	rVV	1422250	2130075	20.45%	2.142%
48	15.510	2125	2129	2134	rVB2	69862	98048	0.94%	0.099%
49	15.604	2139	2145	2149	rBV	466279	597505	5.74%	0.601%
50	15.639	2149	2151	2158	rVB4	38821	67093	0.64%	0.067%
51	15.727	2163	2166	2169	rVB5	14911	18158	0.17%	0.018%
52	15.886	2189	2193	2200	rVB8	25850	40678	0.39%	0.041%
53	16.057	2217	2222	2226	rBV5	19584	31177	0.30%	0.031%
54	16.180	2237	2243	2246	rBV7	5481	10937	0.10%	0.011%
55	16.633	2314	2320	2325	rBV	100024	138021	1.32%	0.139%
56	16.698	2329	2331	2335	rVB4	9834	11740	0.11%	0.012%
57	16.798	2345	2348	2352	rBV2	12678	21626	0.21%	0.022%
58	16.904	2363	2366	2371	rVB3	39068	48085	0.46%	0.048%
59	17.021	2376	2386	2395	rVV	3382901	4964882	47.66%	4.992%
60	17.115	2395	2402	2413	rVV2	5879283	8694848	83.46%	8.743%
61	17.221	2417	2420	2424	rVV6	17296	28080	0.27%	0.028%
62	17.268	2424	2428	2431	rVV6	13572	24763	0.24%	0.025%
63	17.304	2431	2434	2441	rVB4	24873	38751	0.37%	0.039%
64	17.404	2447	2451	2457	rBV6	22244	44855	0.43%	0.045%
65	17.510	2464	2469	2473	rBV5	21588	39766	0.38%	0.040%
66	17.639	2489	2491	2493	rVB3	13386	11651	0.11%	0.012%
67	17.704	2496	2502	2513	rVV	2489523	3202245	30.74%	3.220%
68	17.827	2519	2523	2527	rVB	101409	121166	1.16%	0.122%
69	17.874	2527	2531	2532	rBV3	34090	40121	0.39%	0.040%
70	17.939	2538	2542	2546	rBV5	52291	72275	0.69%	0.073%
71	18.027	2550	2557	2561	rBV2	110863	173566	1.67%	0.175%

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72	18.145	2573	2577	2579	rBV3	43716	55472	0.53%	0.056%
73	18.180	2579	2583	2589	rVV2	146690	195173	1.87%	0.196%
74	18.451	2625	2629	2634	rVB5	27588	36774	0.35%	0.037%
75	18.515	2635	2640	2645	rBV	362911	479869	4.61%	0.483%
76	19.051	2727	2731	2738	rBV	69072	103729	1.00%	0.104%
77	19.227	2758	2761	2765	rBV5	30897	44198	0.42%	0.044%
78	19.304	2770	2774	2782	rVV	65434	124611	1.20%	0.125%
79	19.421	2787	2794	2801	rVV	7098675	10080918	96.76%	10.136%
80	21.215	3094	3099	3107	rBV	4434067	5611494	53.86%	5.642%
81	23.268	3442	3448	3455	rBV	5751577	10418107	100.00%	10.475%
82	23.409	3466	3472	3480	rVB	3235303	5821422	55.88%	5.853%

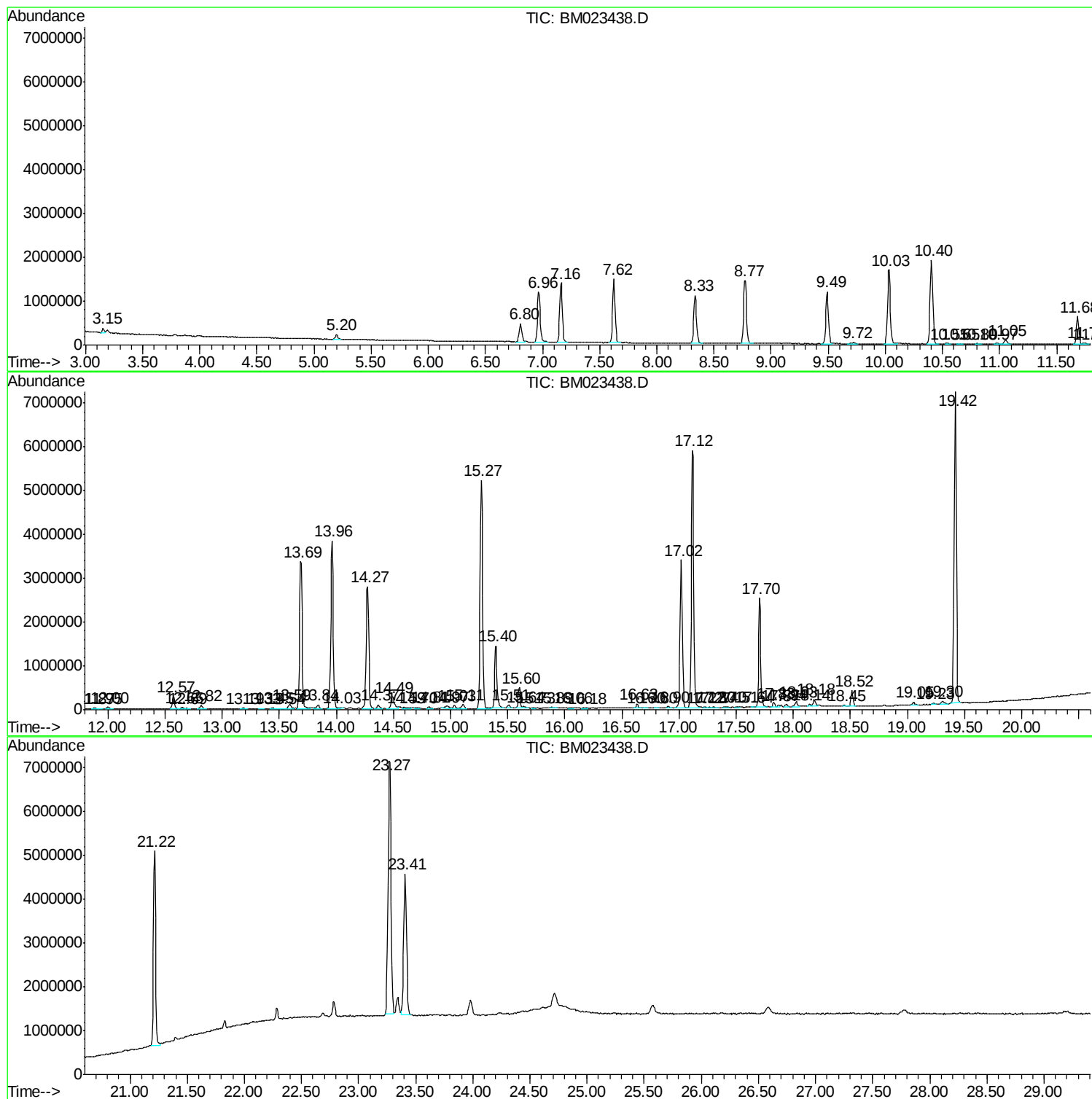
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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



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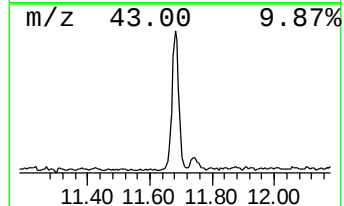
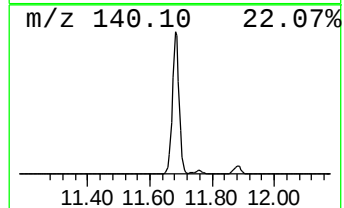
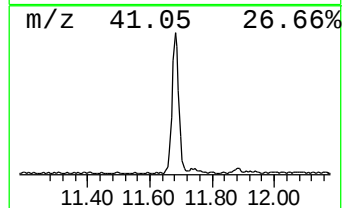
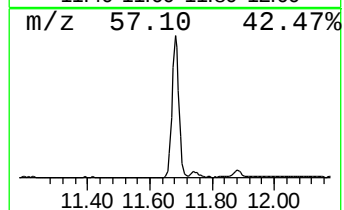
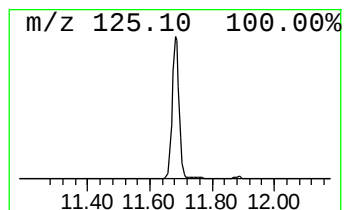
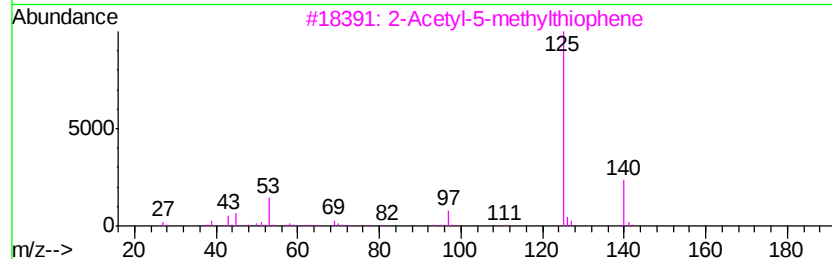
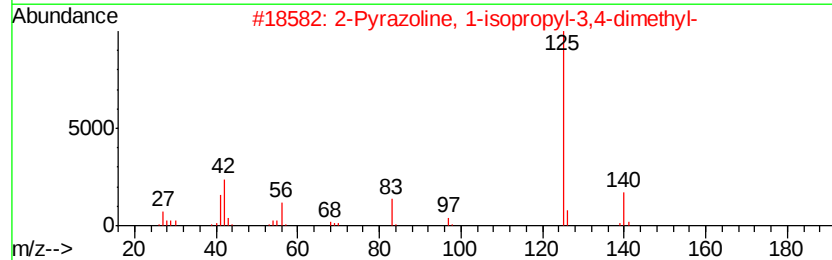
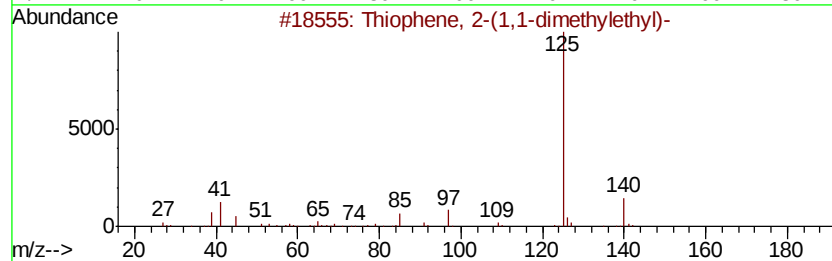
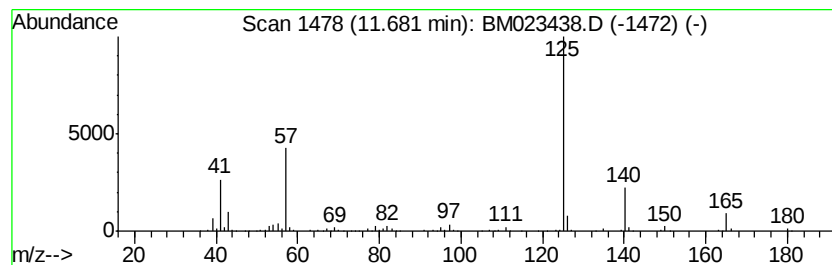
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102319MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Thiophene, 2-(1,1-dimethyle... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
11.68	6.00 ng/ul	969182	Naphthalene-d8	10.40	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Thiophene, 2-(1,1-dimethylethyl)-	140	C8H12S	001689-78-7	59
2	2-Pyrazoline, 1-isopropyl-3,4-di...	140	C8H16N2	017911-98-7	59
3	2-Acetyl-5-methylthiophene	140	C7H8OS	013679-74-8	59
4	2,4-Diamino-6-methyl-1,3,5-triazine	125	C4H7N5	000542-02-9	47
5	Thiophene, 3-(1,1-dimethylethyl)-	140	C8H12S	001689-79-8	45



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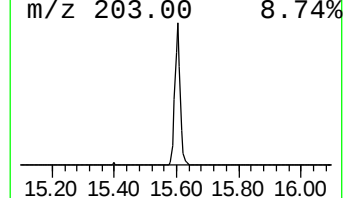
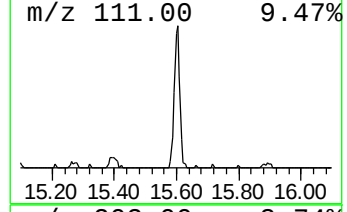
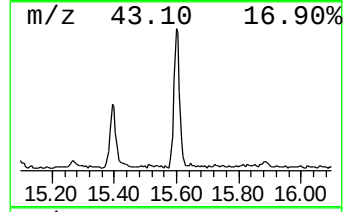
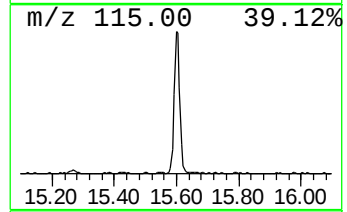
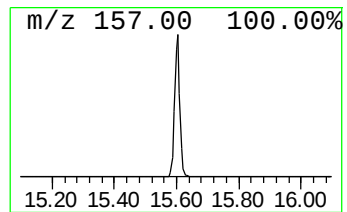
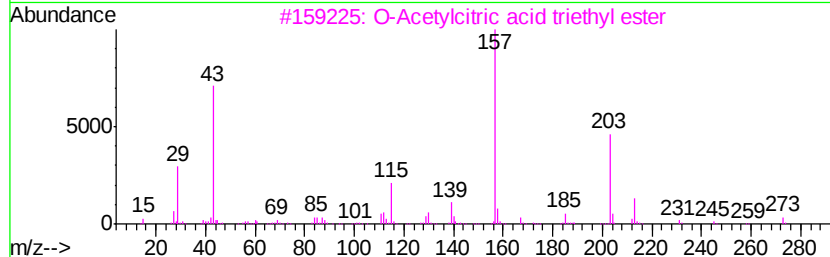
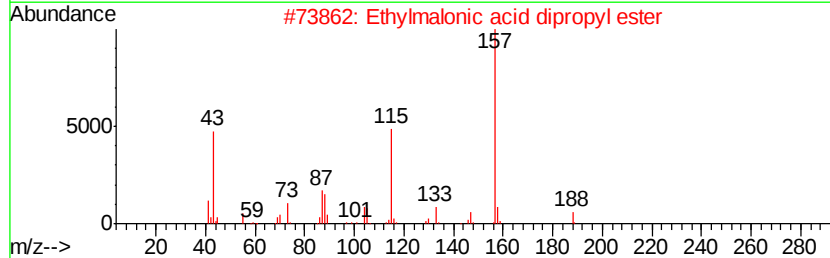
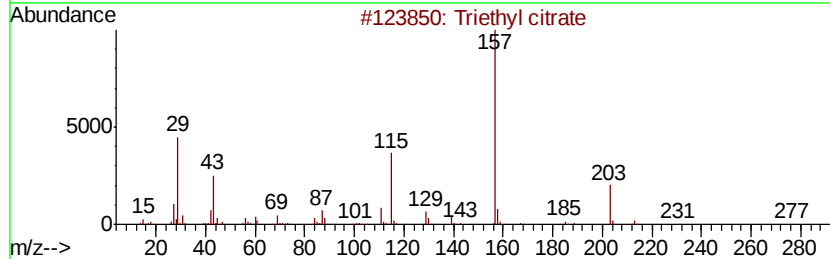
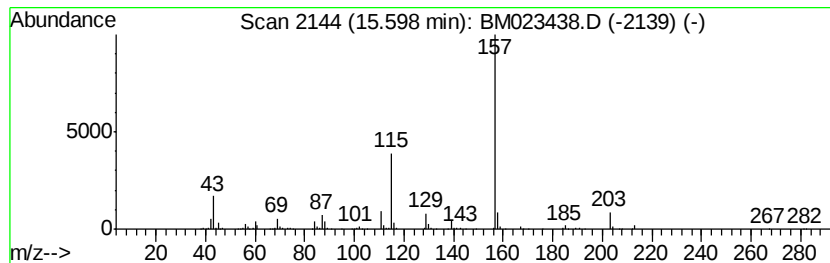
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 Triethyl citrate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.60	2.74 ng/ul	597505	Acenaphthene-d10	14.27

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Triethyl citrate	276	C12H20O7	000077-93-0	78
2		Ethylmalonic acid dipropyl ester	216	C11H20O4	001113-91-3	64
3		O-Acetylcitric acid triethyl ester	318	C14H22O8	000077-89-4	56
4		Triethyl citrate	276	C12H20O7	000077-93-0	50
5		Triethyl citrate	276	C12H20O7	000077-93-0	50



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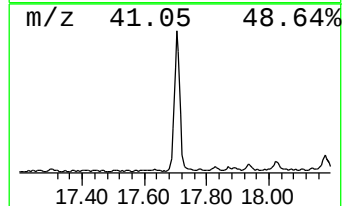
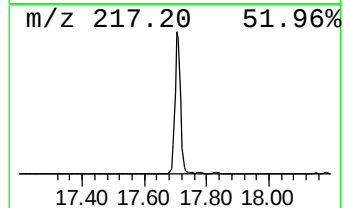
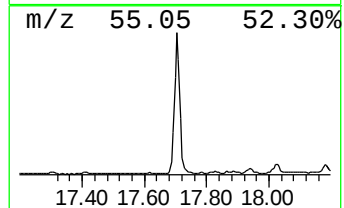
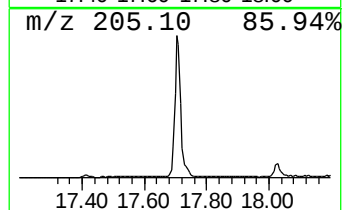
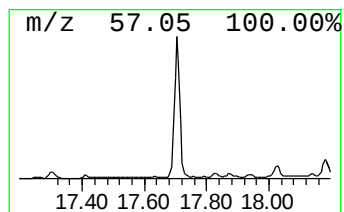
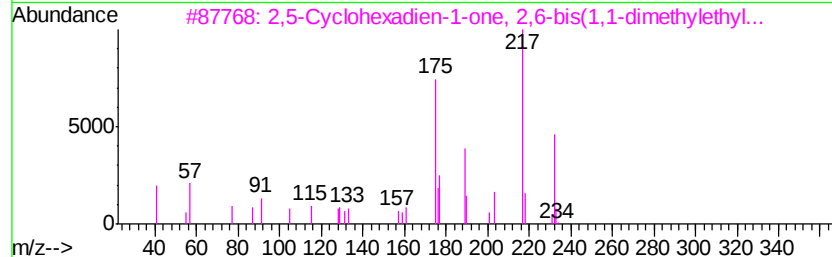
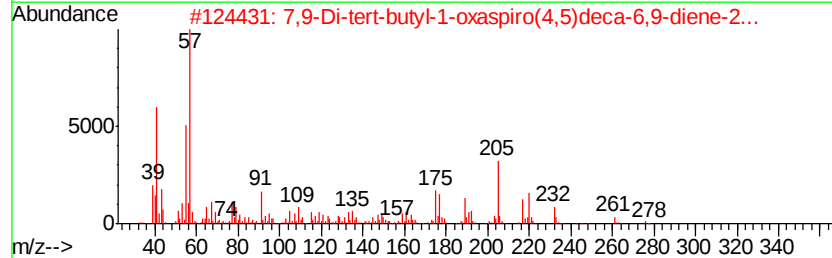
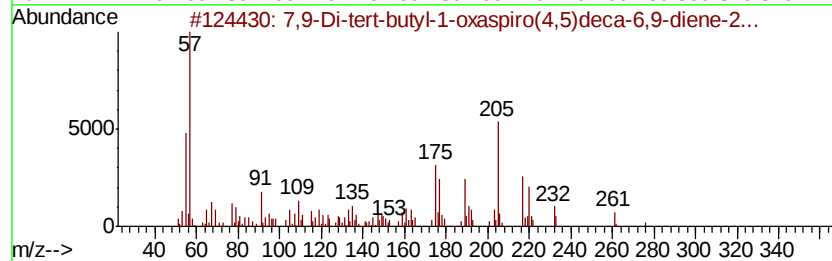
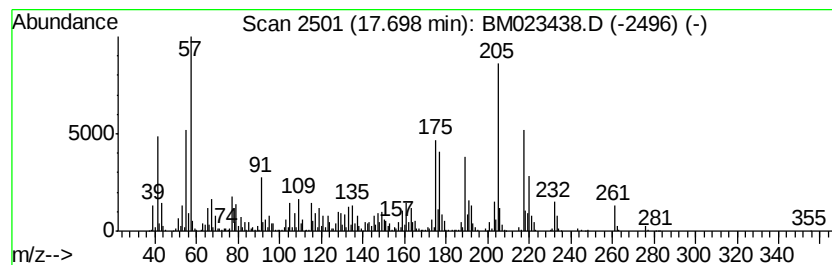
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 7,9-Di-tert-butyl-1-oxaspiro... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.70	12.90 ng/ul	3202250	Phenanthrene-d10	17.02

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	99
2		7,9-Di-tert-butyl-1-oxaspiro(4,5...	276	C17H24O3	082304-66-3	97
3		2,5-Cyclohexadien-1-one, 2,6-bis...	232	C16H24O	006738-27-8	83
4		Butylated Hydroxytoluene	220	C15H24O	000128-37-0	49
5		Ethanone, 1-(5,6,7,8-tetrahydro-...	220	C14H20O2	071596-88-8	46



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Thiophene, 2-(1,1...	11.68	6.0	ng/ul	969182	2	10.40	3228150	20.0
Triethyl citrate	15.60	2.7	ng/ul	597505	3	14.27	4368590	20.0
7,9-Di-tert-butyl...	17.70	12.9	ng/ul	3202250	4	17.02	4964880	20.0