

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011821\
 Data File : BM028438.D
 Acq On : 18 Jan 2021 23:35
 Operator : CG/JU
 Sample : M1099-01
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F1C01

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-BM011621MA.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	3.293	13	18	22	rBV	11395	17668	2.75%	0.212%
2	3.334	22	25	33	rVB	10308	14294	2.23%	0.171%
3	3.693	82	86	87	rBV	590	783	0.12%	0.009%
4	3.811	104	106	109	rBV2	697	661	0.10%	0.008%
5	3.846	109	112	115	rVB2	565	682	0.11%	0.008%
6	4.011	136	140	143	rBV2	1388	2378	0.37%	0.029%
7	4.134	156	161	164	rBV2	1781	2261	0.35%	0.027%
8	4.693	251	256	260	rVB2	4796	6577	1.03%	0.079%
9	5.458	382	386	389	rBV	381	688	0.11%	0.008%
10	5.975	467	474	484	rBV	181208	279258	43.54%	3.350%
11	6.140	498	502	505	rBB	547	709	0.11%	0.009%
12	7.234	681	688	700	rBB	180950	300462	46.85%	3.605%
13	7.405	711	717	727	rBB	136957	208187	32.46%	2.498%
14	7.610	745	752	759	rBB	187605	294740	45.96%	3.536%
15	7.687	761	765	772	rBB3	2851	4701	0.73%	0.056%
16	8.087	827	833	839	rBV	125693	195149	30.43%	2.341%
17	8.146	839	843	853	rVB	7871	12911	2.01%	0.155%
18	8.793	947	953	962	rBB	206691	324637	50.62%	3.895%
19	9.257	1026	1032	1040	rVB	157688	258812	40.36%	3.105%
20	9.357	1045	1049	1053	rBB	3050	3582	0.56%	0.043%
21	9.416	1056	1059	1062	rBB2	574	687	0.11%	0.008%
22	9.646	1094	1098	1101	rBB	2535	3344	0.52%	0.040%
23	9.987	1149	1156	1162	rVB	133232	220635	34.40%	2.647%
24	10.522	1240	1247	1254	rVB	205776	326843	50.96%	3.921%
25	10.904	1305	1312	1320	rBV	159113	259267	40.43%	3.110%
26	10.981	1320	1325	1329	rVV3	3096	5008	0.78%	0.060%
27	11.040	1329	1335	1344	rVB	187743	305188	47.59%	3.661%
28	12.304	1545	1550	1553	rBV	1994	2578	0.40%	0.031%
29	12.487	1577	1581	1585	rBV	2296	3200	0.50%	0.038%
30	13.110	1684	1687	1691	rVB2	688	901	0.14%	0.011%
31	13.251	1704	1711	1715	rVB2	1107	1759	0.27%	0.021%
32	13.534	1755	1759	1762	rBV2	6146	8637	1.35%	0.104%
33	13.587	1765	1768	1778	rVB3	5794	9818	1.53%	0.118%
34	14.128	1854	1860	1864	rBV	300601	400189	62.40%	4.801%

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35	14.169	1864	1867	1873	rVB	17790	23355	3.64%	0.280%
36	14.422	1903	1910	1920	rVB	350955	502285	78.32%	6.026%
37	14.598	1937	1940	1943	rBV	2585	2860	0.45%	0.034%
38	14.722	1955	1961	1967	rVV	212311	303695	47.36%	3.643%
39	14.904	1987	1992	2000	rBV	133946	189014	29.47%	2.268%
40	15.098	2022	2025	2028	rBV2	833	1358	0.21%	0.016%
41	15.128	2028	2030	2038	rVB3	1125	1350	0.21%	0.016%
42	15.216	2041	2045	2048	rBV3	596	894	0.14%	0.011%
43	15.286	2053	2057	2062	rBV2	920	1113	0.17%	0.013%
44	15.504	2090	2094	2098	rVB2	783	1054	0.16%	0.013%
45	15.545	2098	2101	2105	rBV2	1946	2262	0.35%	0.027%
46	15.710	2123	2129	2135	rBV	415091	573481	89.42%	6.880%
47	15.828	2144	2149	2156	rBV	120129	160869	25.08%	1.930%
48	15.945	2163	2169	2173	rBV2	4420	6183	0.96%	0.074%
49	16.104	2192	2196	2198	rVB	858	920	0.14%	0.011%
50	16.163	2203	2206	2209	rBV	965	1135	0.18%	0.014%
51	16.298	2226	2229	2230	rBV	720	671	0.10%	0.008%
52	16.345	2232	2237	2239	rBV4	1059	1207	0.19%	0.014%
53	16.428	2249	2251	2255	rVB	1568	1572	0.25%	0.019%
54	16.480	2258	2260	2264	rVB3	948	1041	0.16%	0.012%
55	16.675	2285	2293	2299	rBV	5151	7754	1.21%	0.093%
56	16.733	2302	2303	2307	rVB	723	836	0.13%	0.010%
57	16.828	2316	2319	2322	rVB	2010	2222	0.35%	0.027%
58	16.892	2327	2330	2333	rVB2	962	1246	0.19%	0.015%
59	16.969	2340	2343	2346	rVB3	603	773	0.12%	0.009%
60	17.069	2358	2360	2365	rBV3	818	797	0.12%	0.010%
61	17.145	2371	2373	2375	rVB2	840	670	0.10%	0.008%
62	17.186	2378	2380	2384	rVV4	1043	1560	0.24%	0.019%
63	17.239	2386	2389	2394	rVV2	2029	2974	0.46%	0.036%
64	17.451	2419	2425	2430	rBV	224469	312777	48.77%	3.752%
65	17.492	2430	2432	2435	rVV2	2747	2792	0.44%	0.033%
66	17.545	2435	2441	2448	rVV2	403963	568087	88.58%	6.815%
67	17.627	2453	2455	2458	rVB2	1423	969	0.15%	0.012%
68	17.686	2462	2465	2472	rBV5	846	1547	0.24%	0.019%
69	17.816	2482	2487	2495	rVB2	6098	9901	1.54%	0.119%
70	17.916	2502	2504	2508	rVB4	896	733	0.11%	0.009%
71	18.198	2549	2552	2554	rVB3	989	948	0.15%	0.011%

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72	18.222	2554	2556	2559	rBV4	845	904	0.14%	0.011%
73	18.257	2560	2562	2565	rBV3	906	647	0.10%	0.008%
74	18.316	2565	2572	2582	rBV	34336	49984	7.79%	0.600%
75	18.657	2628	2630	2634	rBV2	655	824	0.13%	0.010%
76	18.727	2638	2642	2646	rBV2	1149	2189	0.34%	0.026%
77	18.998	2686	2688	2690	rBV2	861	847	0.13%	0.010%
78	19.110	2705	2707	2709	rBV2	1042	987	0.15%	0.012%
79	19.139	2711	2712	2714	rBV	1073	829	0.13%	0.010%
80	19.274	2733	2735	2740	rVB2	1811	1898	0.30%	0.023%
81	19.327	2742	2744	2747	rBV4	1311	1926	0.30%	0.023%
82	19.416	2758	2759	2761	rBV2	1183	878	0.14%	0.011%
83	19.451	2761	2765	2768	rVV2	4503	6056	0.94%	0.073%
84	19.480	2768	2770	2772	rVV2	2319	2439	0.38%	0.029%
85	19.533	2776	2779	2780	rBV2	2280	1797	0.28%	0.022%
86	19.574	2782	2786	2791	rBV4	7017	8959	1.40%	0.107%
87	19.704	2804	2808	2811	rBV	2958	4476	0.70%	0.054%
88	19.816	2821	2827	2836	rBV	470672	631408	98.46%	7.575%
89	20.298	2907	2909	2912	rBV4	3429	3065	0.48%	0.037%
90	21.268	3070	3074	3082	rBV	118132	148798	23.20%	1.785%
91	21.568	3121	3125	3130	rBV	264954	330089	51.47%	3.960%
92	23.739	3488	3494	3506	rVB	325377	641312	100.00%	7.694%
93	23.886	3514	3519	3527	rVB2	170060	325049	50.69%	3.900%

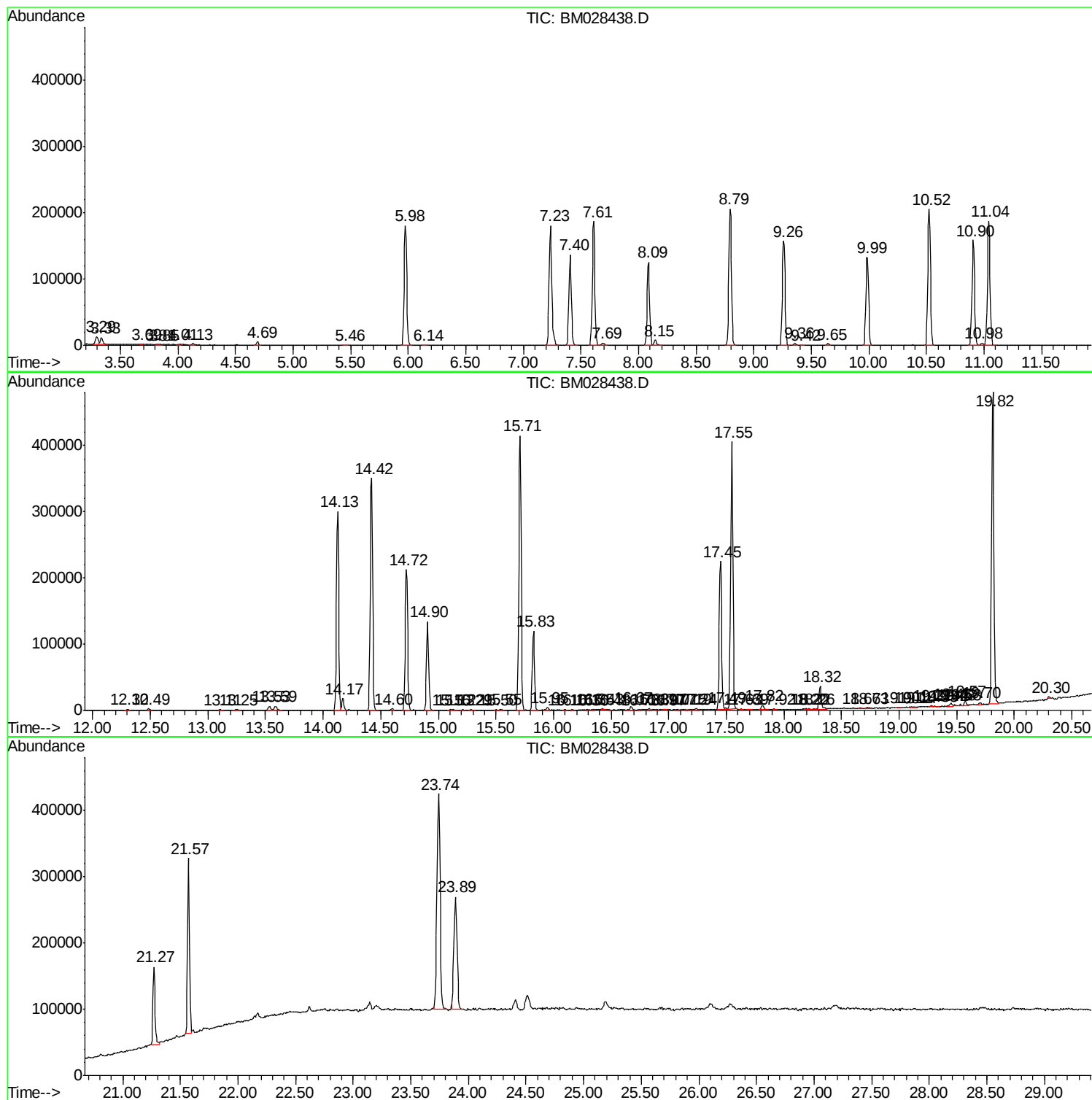
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Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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



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Instrument :
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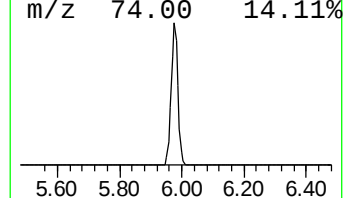
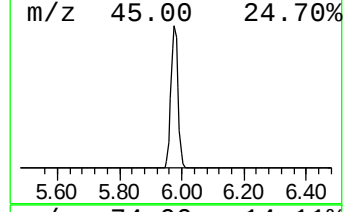
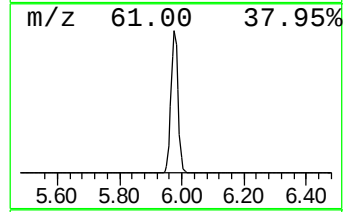
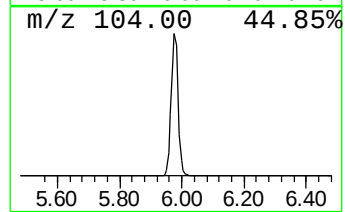
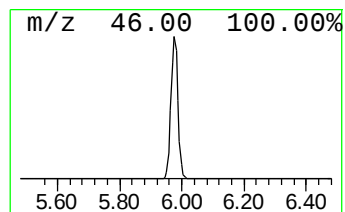
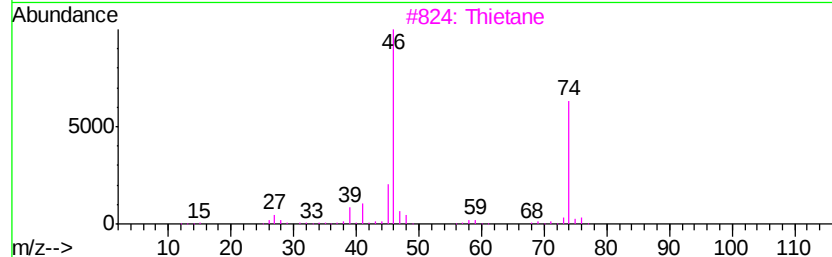
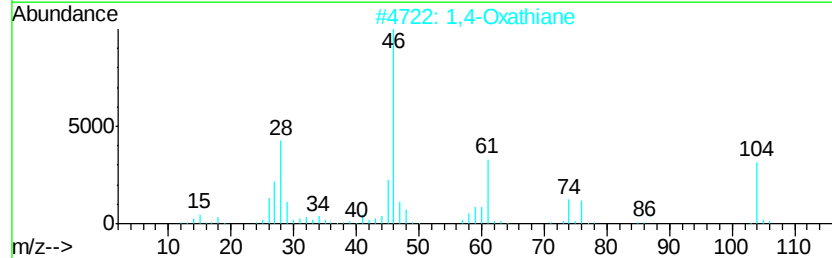
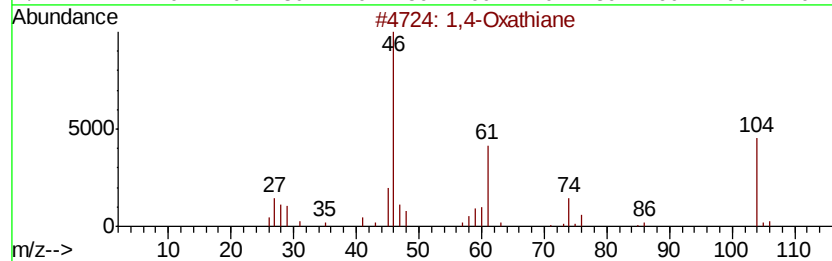
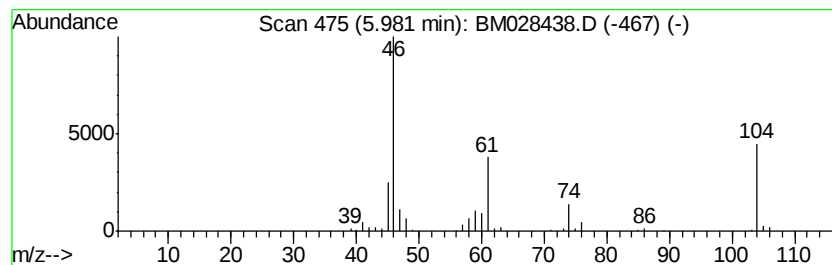
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM011621MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 1,4-Oxathiane Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
5.98	28.62 ng/ul	279258	1,4-Dichlorobenzene-d4	8.09

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1,4-Oxathiane	104	C4H8OS	015980-15-1	97
2			1,4-Oxathiane	104	C4H8OS	015980-15-1	91
3			Thietane	74	C3H6S	000287-27-4	47
4			Dihydro-3-(2H)-thiophenone	102	C4H6OS	001003-04-9	37
5			Thietane, 3-methyl-	88	C4H8S	022438-40-0	9



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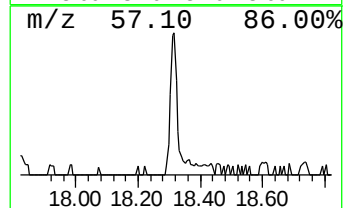
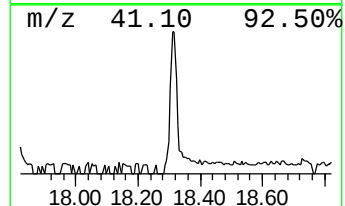
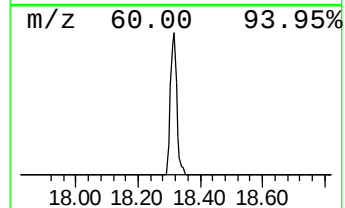
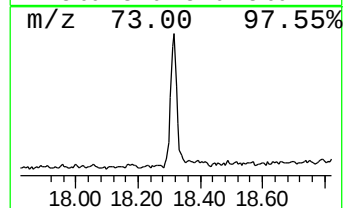
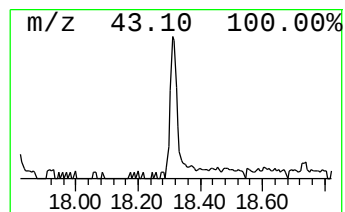
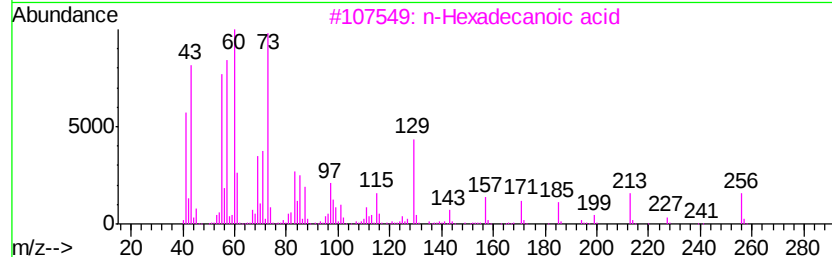
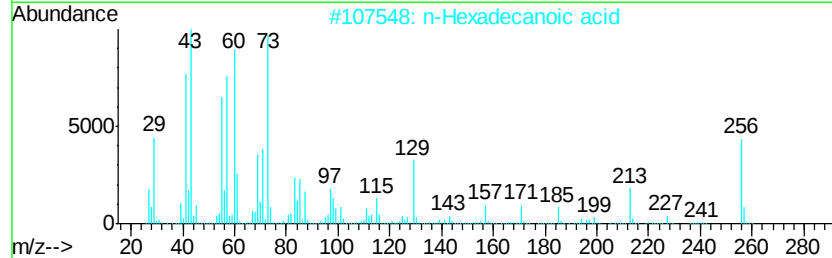
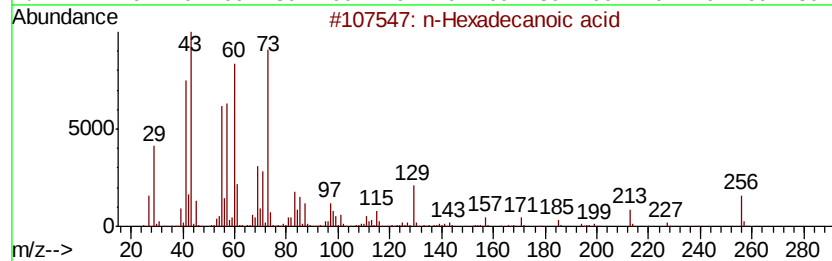
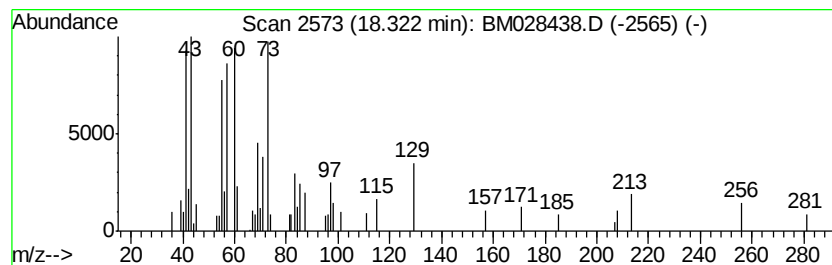
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.32	3.20 ng/ul	49984	Phenanthrene-d10	17.45

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	91
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	90
3		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	89
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Decanoic acid, silver(1+) salt	278	C10H19AgO2	013126-67-5	72



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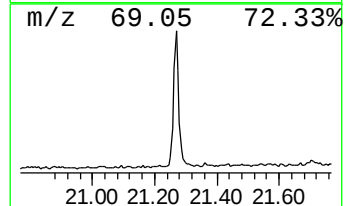
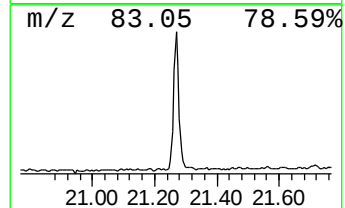
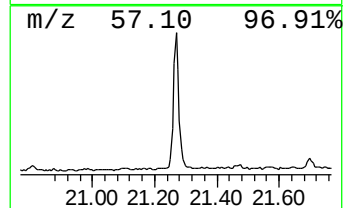
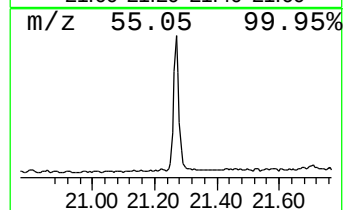
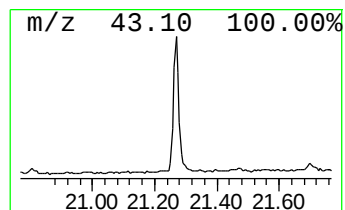
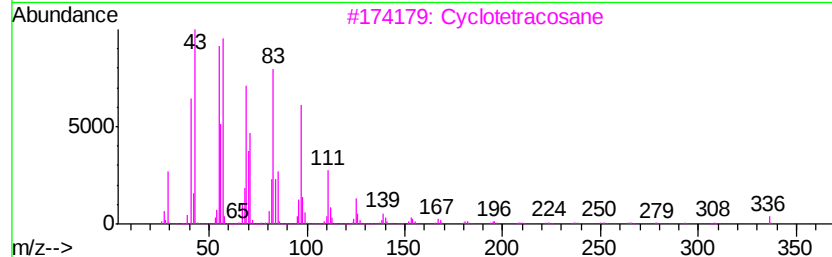
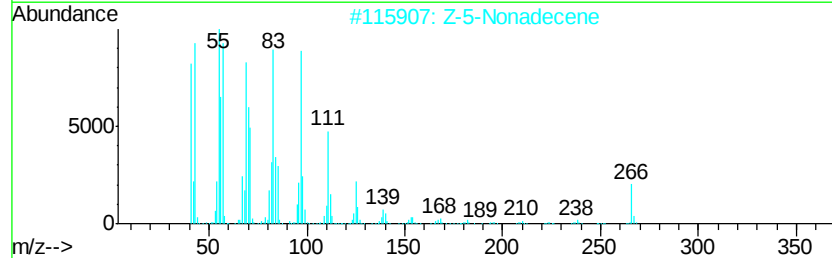
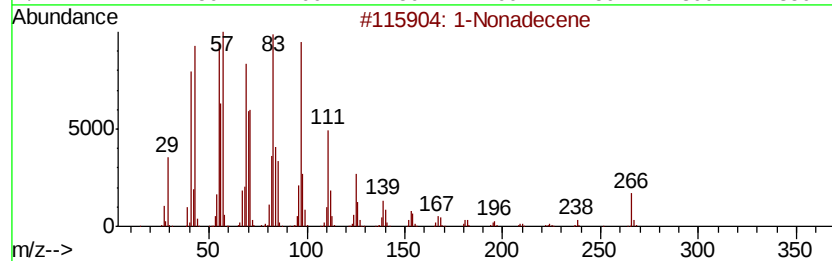
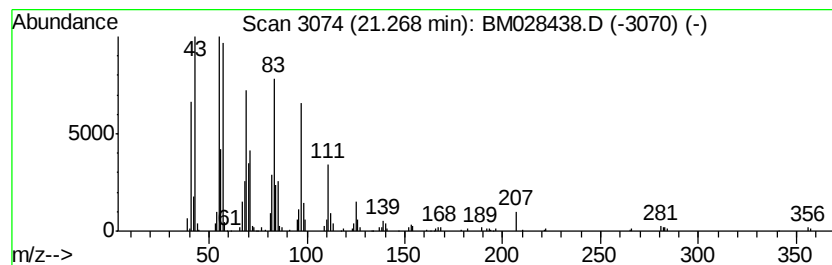
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Straight-Chai... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.27	9.02 ng/ul	148798	Chrysene-d12	21.57

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			1-Nonadecene	266	C19H38	018435-45-5	98
2			Z-5-Nonadecene	266	C19H38	1000131-11-8	96
3			Cyclotetracosane	336	C24H48	000297-03-0	95
4			Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
5			Pentafluoropropionic acid, tetra...	360	C17H29F5O2	006222-06-6	94



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TIC Library : C:\DATABASE\NIST11.L
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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
1,4-Oxathiane	5.98	28.6	ng/ul	279258	1	8.09	195149	20.0
n-Hexadecanoic acid	18.32	3.2	ng/ul	49984	4	17.45	312777	20.0
(DEL) Alkane: Str...	21.27	9.0	ng/ul	148798	5	21.57	330089	20.0