

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM021920\
 Data File : BM024967.D
 Acq On : 20 Feb 2020 05:04
 Operator : CG/JU
 Sample : L1423-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5AZ4

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-BM020620MA.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	3.034	21	25	37	rVB2	50160	113484	1.87%	0.157%
2	3.310	70	72	74	rBV3	9732	10504	0.17%	0.015%
3	3.710	137	140	149	rVB5	11034	27092	0.45%	0.037%
4	4.593	284	290	297	rBV3	10627	27085	0.45%	0.037%
5	6.587	622	629	640	rBV	1041748	1829251	30.16%	2.527%
6	6.739	648	655	669	rBV	979085	1556870	25.67%	2.151%
7	6.928	680	687	700	rBV	1250336	2054694	33.88%	2.839%
8	7.386	757	765	776	rBV	1102347	1825623	30.10%	2.522%
9	7.469	776	779	784	rVB4	8536	12465	0.21%	0.017%
10	8.098	879	886	898	rBV	1384246	2238879	36.91%	3.093%
11	8.198	902	903	909	rVB4	5625	7692	0.13%	0.011%
12	8.522	951	958	968	rBV	1081650	1761237	29.04%	2.433%
13	9.010	1036	1041	1046	rVB	41882	62116	1.02%	0.086%
14	9.233	1072	1079	1089	rBV	919493	1476267	24.34%	2.040%
15	9.769	1163	1170	1186	rBV	1396009	2423371	39.96%	3.348%
16	10.133	1224	1232	1245	rBV	1460868	2354513	38.82%	3.253%
17	10.280	1250	1257	1284	rBV	1110215	2147314	35.40%	2.967%
18	11.739	1499	1505	1515	rVB2	15416	33677	0.56%	0.047%
19	12.957	1705	1712	1721	rBV	935768	1435407	23.67%	1.983%
20	13.339	1774	1777	1784	rBV5	4502	7450	0.12%	0.010%
21	13.457	1791	1797	1802	rBV	2340337	3213903	52.99%	4.440%
22	13.504	1802	1805	1813	rVB	473718	633554	10.45%	0.875%
23	13.715	1834	1841	1855	rBV	2856293	4135364	68.18%	5.714%
24	14.033	1888	1895	1902	rVV	2112831	3055331	50.38%	4.221%
25	14.257	1927	1933	1956	rBV	509687	1104021	18.20%	1.525%
26	14.486	1967	1972	1979	rVB9	8684	19401	0.32%	0.027%
27	14.880	2036	2039	2044	rVB4	7657	10670	0.18%	0.015%
28	14.939	2046	2049	2054	rVB3	7089	8578	0.14%	0.012%
29	15.033	2059	2065	2076	rBV	3498269	4966496	81.89%	6.862%
30	15.168	2082	2088	2093	rBV	780773	1100738	18.15%	1.521%
31	15.209	2093	2095	2102	rVV	121316	160451	2.65%	0.222%
32	15.274	2102	2106	2111	rVB	41042	60984	1.01%	0.084%
33	15.827	2193	2200	2207	rBV6	14450	25981	0.43%	0.036%
34	15.974	2221	2225	2228	rBV5	5363	6352	0.10%	0.009%

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35	16.162	2253	2257	2263	rVB7	4665	7140	0.12%	0.010%
36	16.245	2268	2271	2274	rBV3	5113	6745	0.11%	0.009%
37	16.574	2323	2327	2329	rBV	7917	9646	0.16%	0.013%
38	16.604	2330	2332	2337	rVB5	6814	7555	0.12%	0.010%
39	16.786	2356	2363	2373	rBV	2548331	3456912	57.00%	4.776%
40	16.886	2373	2380	2393	rVV	3738142	5066856	83.54%	7.000%
41	17.015	2400	2402	2408	rVB5	8895	13436	0.22%	0.019%
42	17.145	2419	2424	2426	rBV4	7474	9099	0.15%	0.013%
43	17.215	2432	2436	2443	rBV2	136033	196093	3.23%	0.271%
44	17.339	2453	2457	2461	rBV8	7066	10501	0.17%	0.015%
45	17.515	2483	2487	2489	rVB3	13088	16978	0.28%	0.023%
46	17.603	2499	2502	2505	rBV4	5342	6885	0.11%	0.010%
47	17.656	2509	2511	2516	rVB5	4933	6767	0.11%	0.009%
48	17.733	2519	2524	2539	rBV	256216	452252	7.46%	0.625%
49	17.892	2548	2551	2554	rVB3	8604	7587	0.13%	0.010%
50	18.009	2568	2571	2573	rBV3	15256	19638	0.32%	0.027%
51	18.168	2594	2598	2603	rBV6	30780	38911	0.64%	0.054%
52	18.368	2629	2632	2634	rVB4	8937	10014	0.17%	0.014%
53	18.415	2634	2640	2642	rBV6	8170	14920	0.25%	0.021%
54	18.603	2668	2672	2677	rBV4	44673	65085	1.07%	0.090%
55	18.680	2680	2685	2690	rVV4	32059	56201	0.93%	0.078%
56	18.827	2705	2710	2715	rBV	43022	62137	1.02%	0.086%
57	18.927	2720	2727	2733	rVB9	27697	69241	1.14%	0.096%
58	19.027	2740	2744	2750	rBV3	90635	136942	2.26%	0.189%
59	19.080	2750	2753	2759	rVB	39221	53917	0.89%	0.074%
60	19.192	2765	2772	2781	rBV	4548850	5941003	97.95%	8.208%
61	19.268	2781	2785	2788	rVV	36563	46864	0.77%	0.065%
62	19.297	2788	2790	2796	rVB6	12741	14242	0.23%	0.020%
63	19.803	2874	2876	2882	rVB5	33680	36370	0.60%	0.050%
64	20.303	2959	2961	2964	rVB2	28577	23582	0.39%	0.033%
65	20.756	3034	3038	3048	rBV	661565	940616	15.51%	1.300%
66	21.003	3074	3080	3089	rBV	2959160	3916908	64.58%	5.412%
67	21.209	3112	3115	3120	rVB	101443	108590	1.79%	0.150%
68	21.627	3183	3186	3191	rBV2	197404	259219	4.27%	0.358%
69	22.062	3257	3260	3264	rVB	201751	206534	3.41%	0.285%
70	22.533	3336	3340	3344	rBV	253667	304259	5.02%	0.420%
71	22.968	3407	3414	3424	rBV	3625022	6065081	100.00%	8.380%

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72	23.050	3425	3428	3430	rVV2	267002	368176	6.07%	0.509%
73	23.097	3430	3436	3447	rVB	2249128	4097233	67.55%	5.661%
74	23.644	3525	3529	3534	rVB	214900	341552	5.63%	0.472%

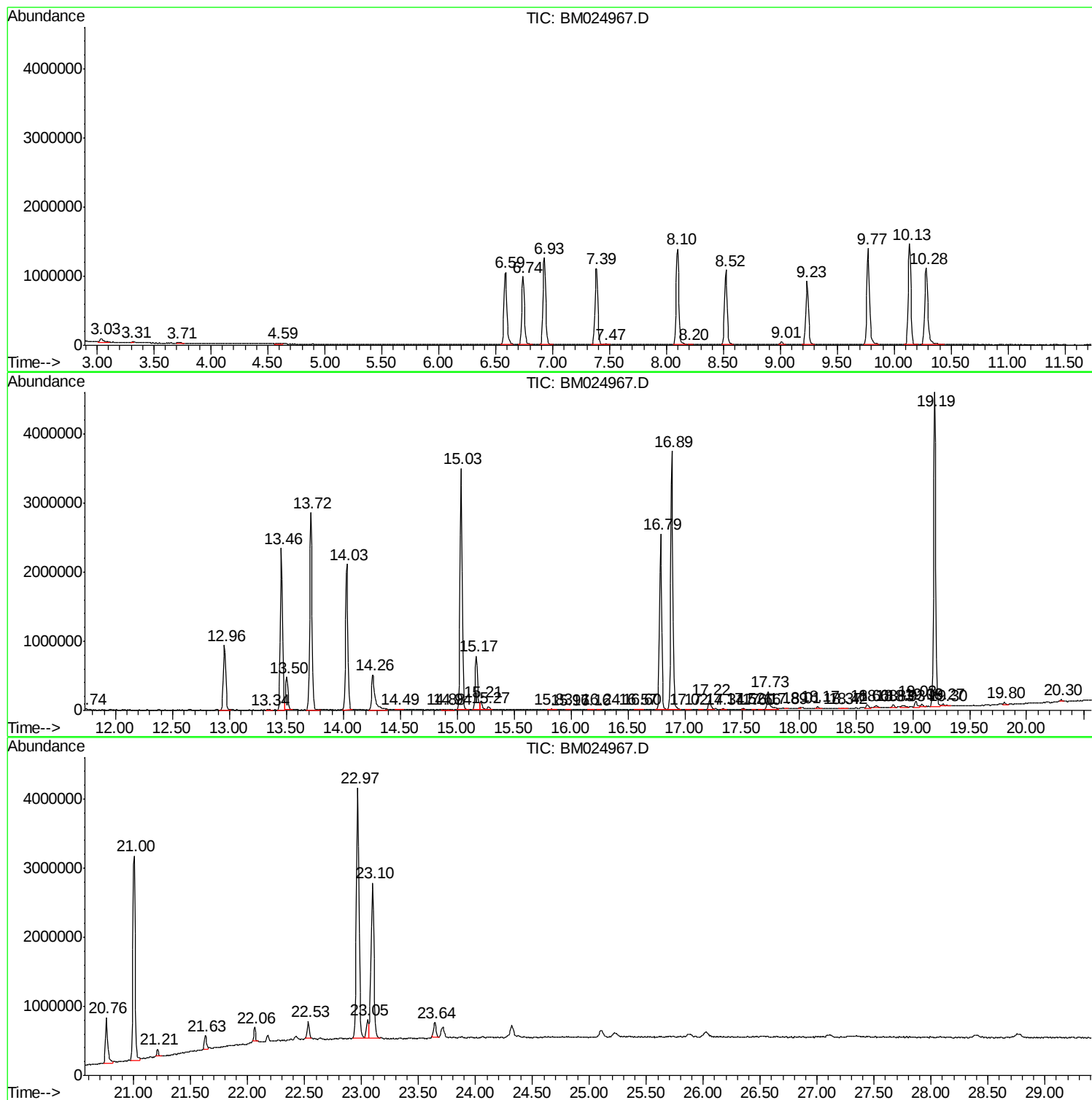
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM020620MA.M
Quant Title : SVOA CALIBRATION

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



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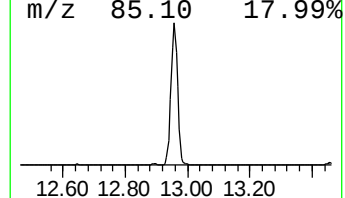
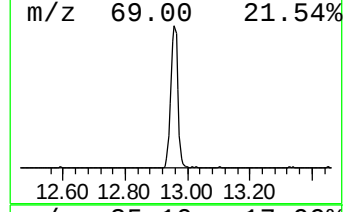
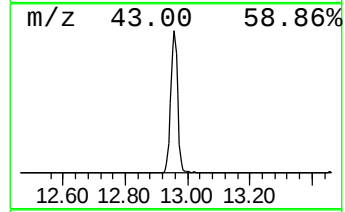
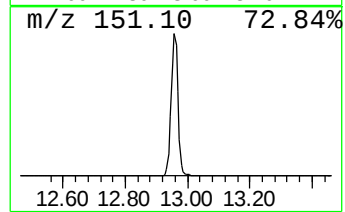
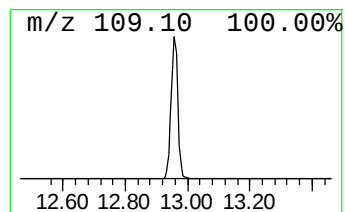
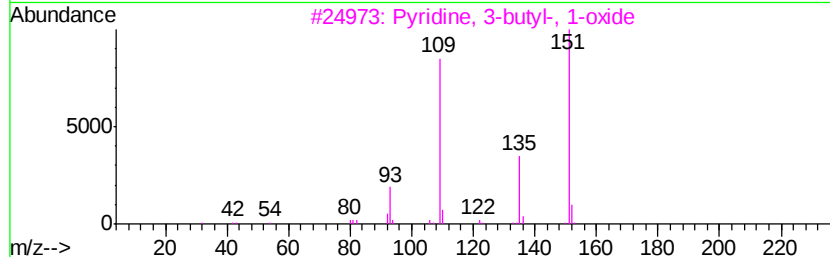
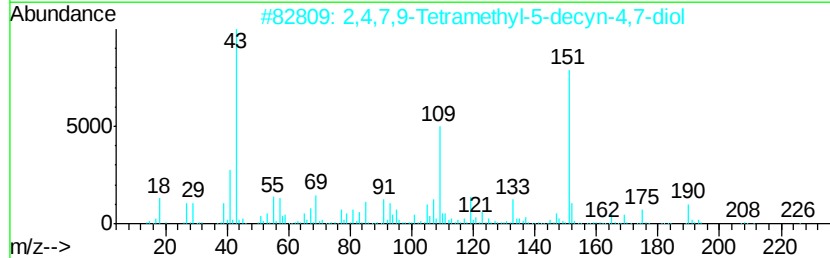
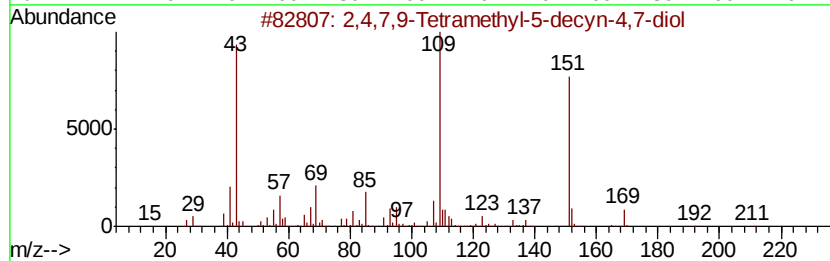
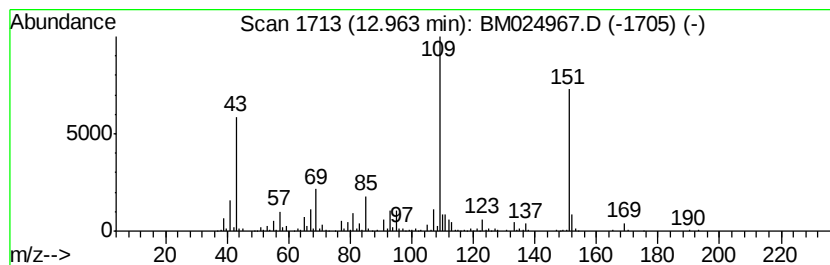
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 2,4,7,9-Tetramethyl-5-decyn... Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
12.96	9.40 ng/ul	1435410	Acenaphthene-d10	14.03

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	90		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	47		
3	Pvridine, 3-butyl-, 1-oxide	151	C9H13NO	031396-33-5	40		
4	2-Propenal, 3-(2,2,6-trimethyl-7...	194	C12H18O2	055759-91-6	40		
5	1-(2-Pyrazinyl)-1-ethanol	124	C6H8N2O	094777-52-3	38		



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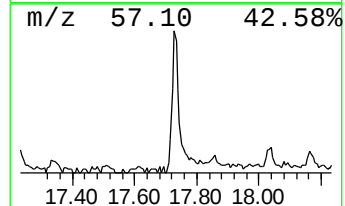
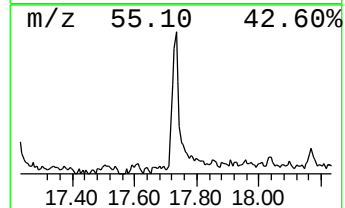
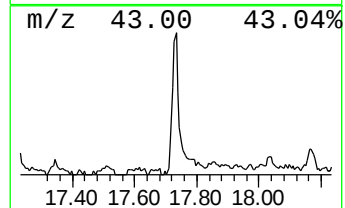
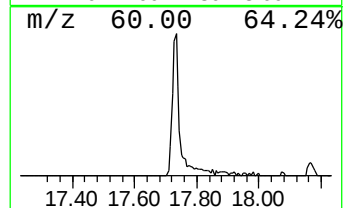
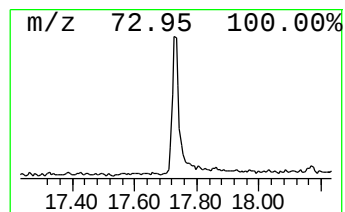
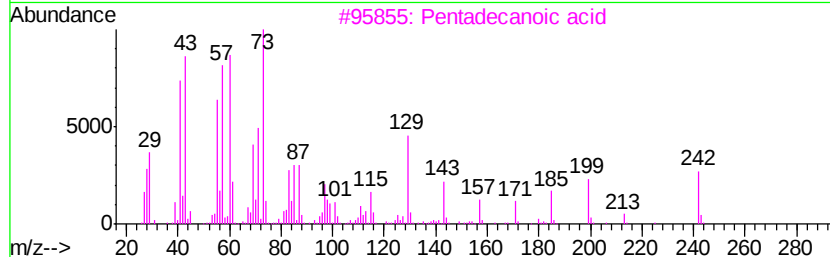
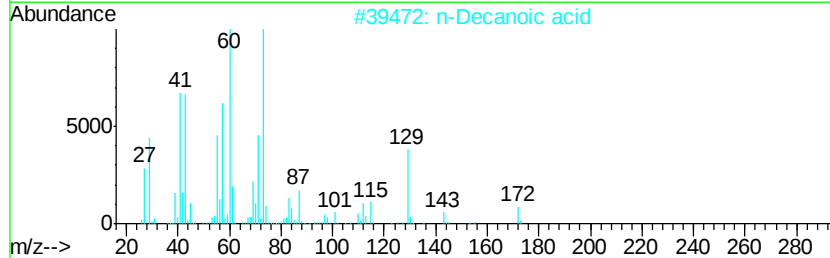
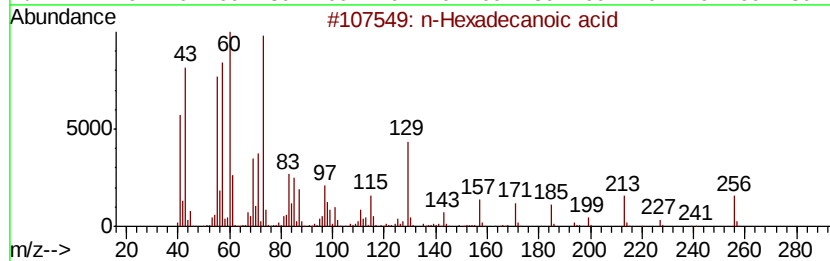
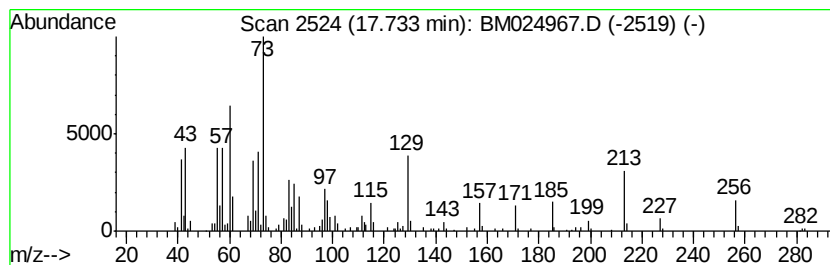
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.73	2.62 ng/ul	452252	Phenanthrene-d10	16.79

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	96
2		n-Decanoic acid	172	C10H20O2	000334-48-5	64
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	64
4		Tetradecanoic acid	228	C14H28O2	000544-63-8	53
5		Tridecanoic acid	214	C13H26O2	000638-53-9	53



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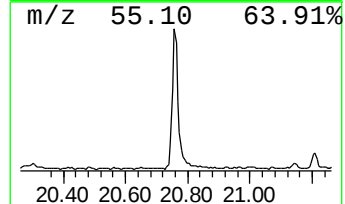
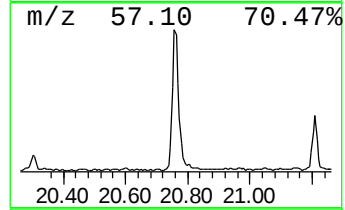
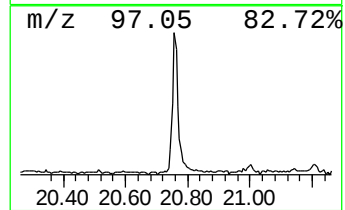
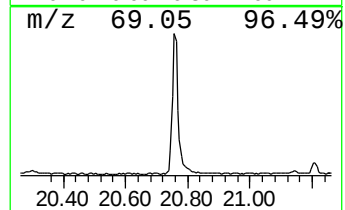
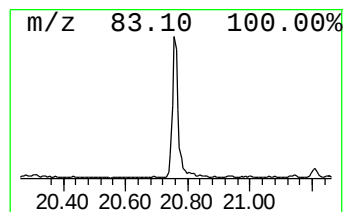
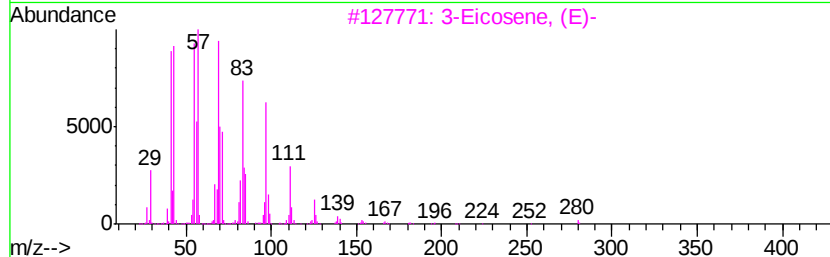
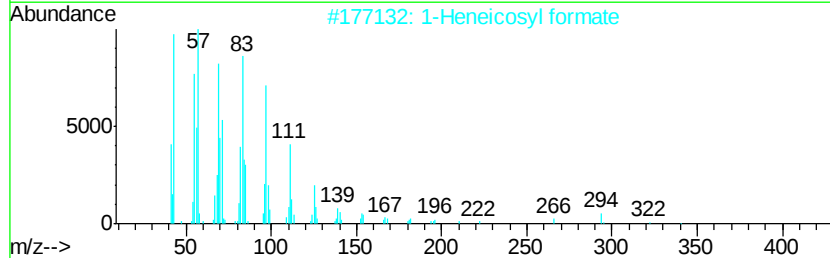
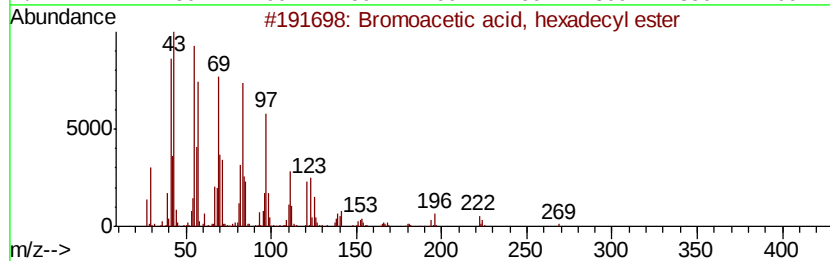
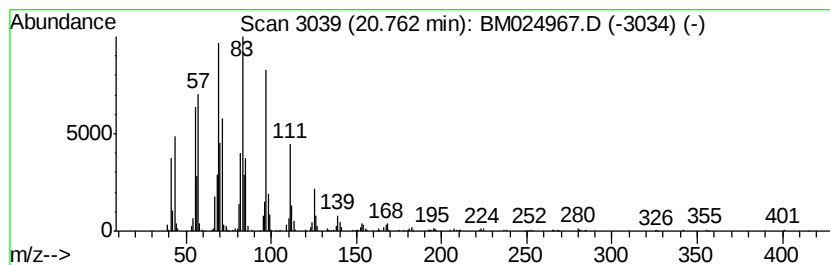
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Peak Number 3 Bromoacetic acid, hexadecyl... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.76	4.80 ng/ul	940616	Chrysene-d12	21.00

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Bromoacetic acid, hexadecyl ester	362	C18H35BrO2	005454-48-8	91
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	91
3		3-Eicosene, (E)-	280	C20H40	074685-33-9	91
4		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
5		1-Heneicosanol	312	C21H44O	015594-90-8	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	12.96	9.4	ng/ul	1435410	3	14.03	3055330	20.0
n-Hexadecanoic acid	17.73	2.6	ng/ul	452252	4	16.79	3456910	20.0
Bromoacetic acid,...	20.76	4.8	ng/ul	940616	5	21.00	3916910	20.0