

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM050421\
 Data File : BM029849.D
 Acq On : 06 May 2021 05:19
 Operator : CG/JU
 Sample : M2161-07
 Misc :
 ALS Vial : 68 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AQ5

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\SFAM-EPA-BM050421.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	6.910	681	684	699	rVB	264744	478669	12.05%	1.391%
2	7.098	713	716	731	rVB	266448	496820	12.50%	1.443%
3	7.563	791	795	805	rVB2	359810	599575	15.09%	1.742%
4	8.281	913	917	927	rVB2	141751	252082	6.34%	0.732%
5	8.716	986	991	1002	rVB	331124	581227	14.63%	1.688%
6	9.434	1108	1113	1127	rVB2	197690	365307	9.19%	1.061%
7	9.975	1199	1205	1226	rVB	260490	548180	13.80%	1.592%
8	10.339	1260	1267	1275	rBV	466556	766702	19.30%	2.227%
9	10.510	1291	1296	1303	rVB3	25492	49056	1.23%	0.143%
10	11.451	1452	1456	1463	rVB5	8615	16517	0.42%	0.048%
11	11.757	1505	1508	1511	rVB3	4505	4440	0.11%	0.013%
12	11.904	1528	1533	1538	rBV5	11697	20592	0.52%	0.060%
13	12.551	1639	1643	1645	rBV4	2937	4182	0.11%	0.012%
14	12.645	1655	1659	1665	rBV7	5858	10623	0.27%	0.031%
15	12.816	1684	1688	1691	rVB5	3281	4794	0.12%	0.014%
16	12.939	1700	1709	1721	rBV	40342	91523	2.30%	0.266%
17	13.045	1721	1727	1733	rBV	20296	34600	0.87%	0.101%
18	13.116	1733	1739	1750	rBV	338110	568181	14.30%	1.651%
19	13.257	1759	1763	1774	rVB4	24151	54718	1.38%	0.159%
20	13.351	1776	1779	1783	rVV5	8394	13360	0.34%	0.039%
21	13.380	1783	1784	1789	rVB5	6605	5441	0.14%	0.016%
22	13.551	1811	1813	1819	rVB7	3648	6970	0.18%	0.020%
23	13.627	1819	1826	1831	rBV	899427	1237759	31.15%	3.596%
24	13.675	1831	1834	1844	rVB	67429	110587	2.78%	0.321%
25	13.898	1866	1872	1888	rVV	1212362	1681498	42.32%	4.885%
26	14.010	1888	1891	1894	rVV5	5654	9119	0.23%	0.026%
27	14.039	1894	1896	1900	rVB5	4190	4195	0.11%	0.012%
28	14.210	1918	1925	1937	rVV	831513	1179095	29.68%	3.425%
29	14.298	1937	1940	1947	rVB9	8201	14233	0.36%	0.041%
30	14.463	1962	1968	1971	rBV7	11298	23704	0.60%	0.069%
31	14.610	1989	1993	1997	rBV	14055	19074	0.48%	0.055%
32	14.769	2012	2020	2025	rBV5	24852	41418	1.04%	0.120%
33	14.822	2025	2029	2030	rVV4	12389	18026	0.45%	0.052%
34	14.851	2030	2034	2044	rVB3	36678	68672	1.73%	0.199%

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35	14.963	2050	2053	2055	rBV4	4585	5282	0.13%	0.015%
36	15.045	2061	2067	2070	rBV6	5893	8040	0.20%	0.023%
37	15.204	2088	2094	2100	rBV	1525447	2145170	53.99%	6.232%
38	15.263	2100	2104	2108	rVB	52385	79702	2.01%	0.232%
39	15.357	2112	2120	2134	rBV	1582634	2897677	72.93%	8.418%
40	15.563	2151	2155	2164	rVB9	18339	34748	0.87%	0.101%
41	15.639	2164	2168	2173	rVB7	5461	8634	0.22%	0.025%
42	15.698	2175	2178	2181	rBV4	5448	8449	0.21%	0.025%
43	15.792	2189	2194	2196	rBV6	5370	7070	0.18%	0.021%
44	15.898	2205	2212	2214	rBV6	6345	11295	0.28%	0.033%
45	15.986	2226	2227	2232	rVB5	5889	6607	0.17%	0.019%
46	16.245	2265	2271	2278	rBV7	18630	46738	1.18%	0.136%
47	16.316	2278	2283	2288	rBV2	18111	25326	0.64%	0.074%
48	16.416	2297	2300	2305	rVB7	10687	17799	0.45%	0.052%
49	16.616	2327	2334	2351	rBV	2608702	3973057	100.00%	11.542%
50	16.745	2352	2356	2358	rVV4	11157	17156	0.43%	0.050%
51	16.957	2386	2392	2403	rBV	992437	1347078	33.91%	3.913%
52	17.051	2403	2408	2423	rVV2	1735274	2509843	63.17%	7.291%
53	17.157	2423	2426	2431	rVV6	17599	29562	0.74%	0.086%
54	17.198	2431	2433	2437	rVB5	6725	7419	0.19%	0.022%
55	17.280	2442	2447	2453	rBV3	33650	59401	1.50%	0.173%
56	17.363	2458	2461	2467	rVB8	11583	21376	0.54%	0.062%
57	17.574	2493	2497	2505	rBV9	15196	31334	0.79%	0.091%
58	17.862	2542	2546	2555	rBV	90767	163353	4.11%	0.475%
59	17.939	2557	2559	2565	rVV7	14455	27090	0.68%	0.079%
60	18.021	2568	2573	2577	rVV7	8159	17054	0.43%	0.050%
61	18.157	2593	2596	2598	rBV4	5706	6438	0.16%	0.019%
62	18.462	2646	2648	2650	rBV3	4740	4284	0.11%	0.012%
63	18.545	2659	2662	2663	rBV3	6847	5491	0.14%	0.016%
64	18.627	2672	2676	2678	rBV5	5701	6316	0.16%	0.018%
65	18.739	2688	2695	2702	rBV2	92395	189795	4.78%	0.551%
66	18.892	2719	2721	2723	rBV3	4619	5587	0.14%	0.016%
67	18.986	2733	2737	2740	rBV3	18994	23922	0.60%	0.069%
68	19.051	2744	2748	2756	rVB	98021	131935	3.32%	0.383%
69	19.151	2761	2765	2772	rBV	69694	118128	2.97%	0.343%
70	19.239	2776	2780	2784	rVV2	21642	28880	0.73%	0.084%
71	19.351	2793	2799	2816	rBV	2493326	3297125	82.99%	9.578%

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72	19.504	2823	2825	2830	rVB6	13914	15743	0.40%	0.046%
73	19.892	2887	2891	2893	rBV4	24516	39262	0.99%	0.114%
74	20.874	3054	3058	3065	rBV4	78977	138574	3.49%	0.403%
75	21.139	3098	3103	3114	rBV	1353842	1756562	44.21%	5.103%
76	23.162	3441	3447	3463	rVB	1996142	3832634	96.47%	11.134%
77	23.297	3464	3470	3482	rVB2	1055266	1936213	48.73%	5.625%

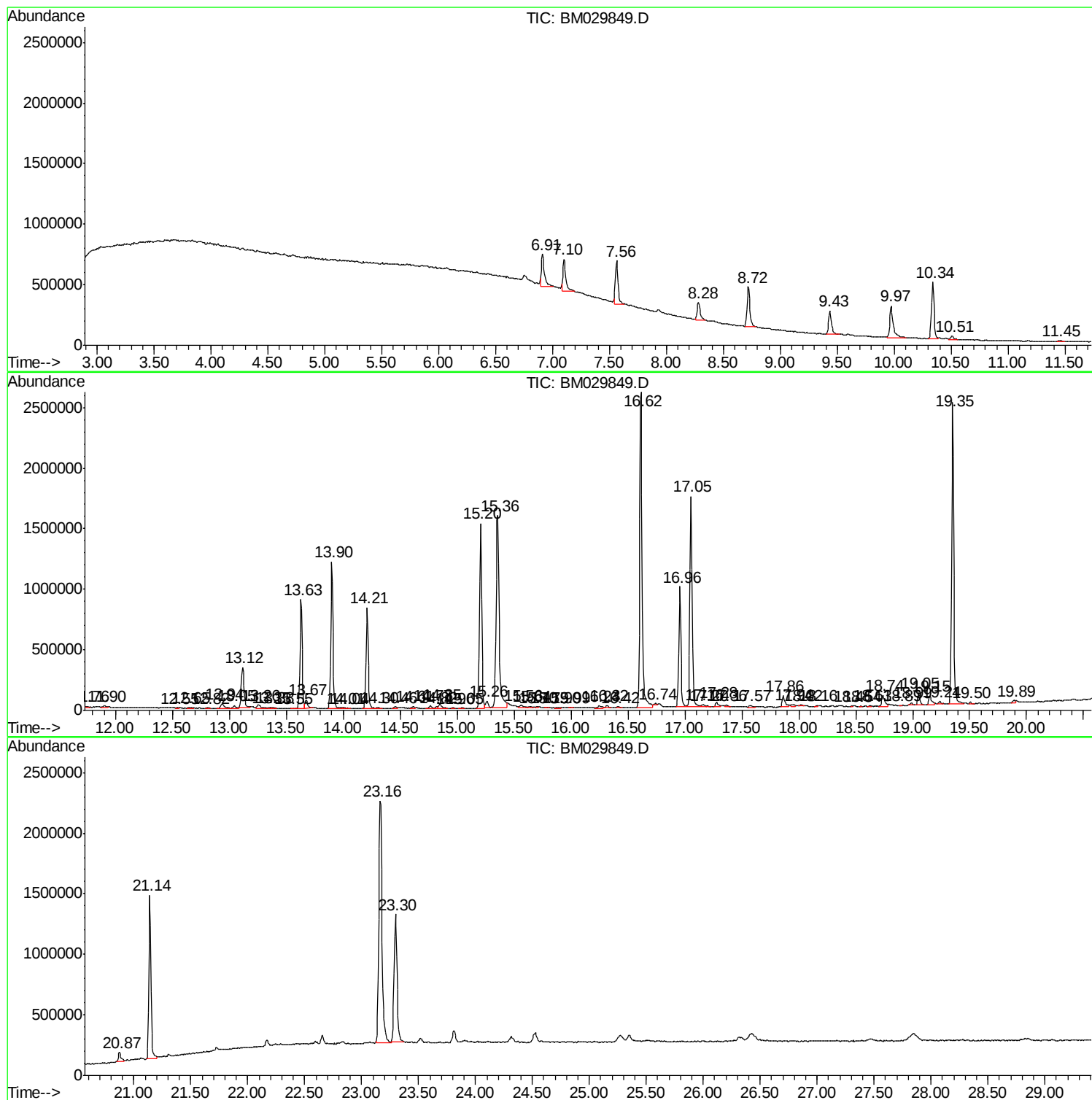
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM050421.M
Quant Title : SVOA CALIBRATION

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



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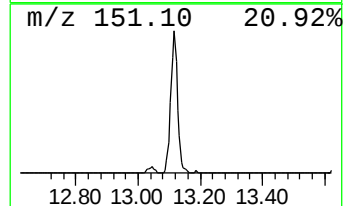
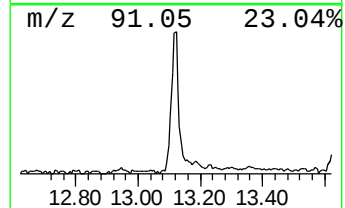
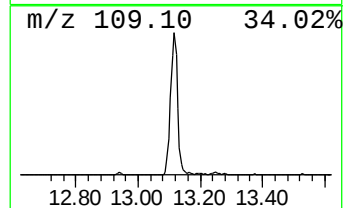
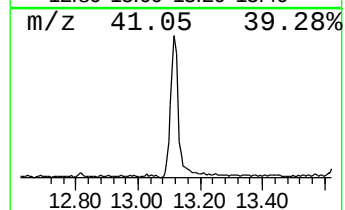
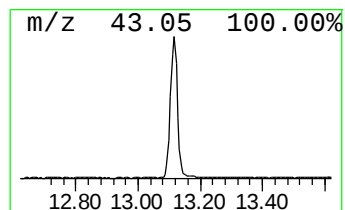
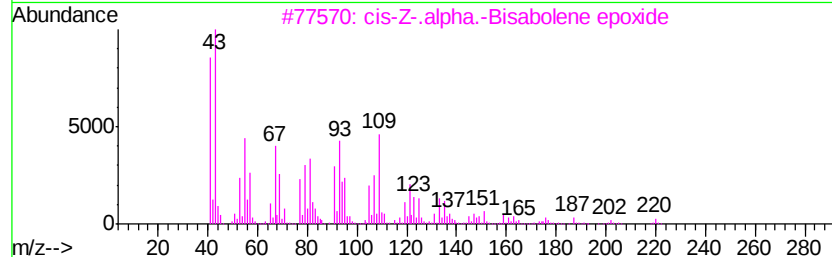
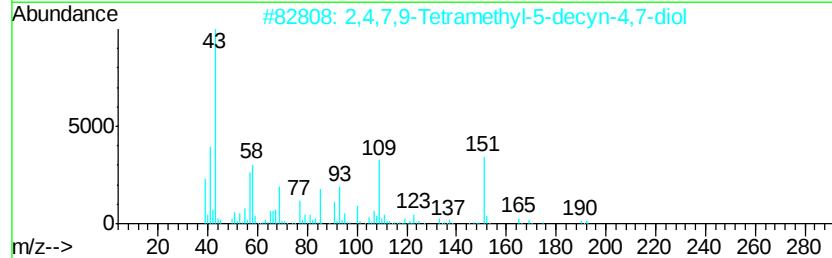
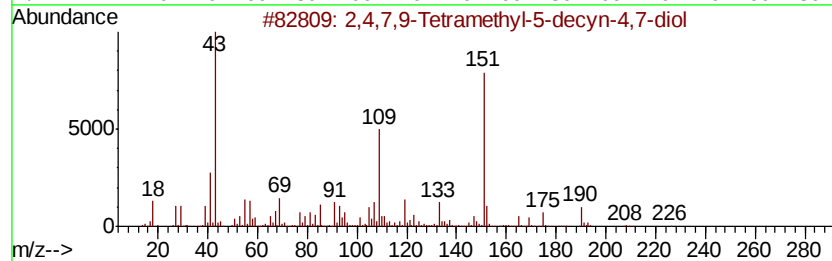
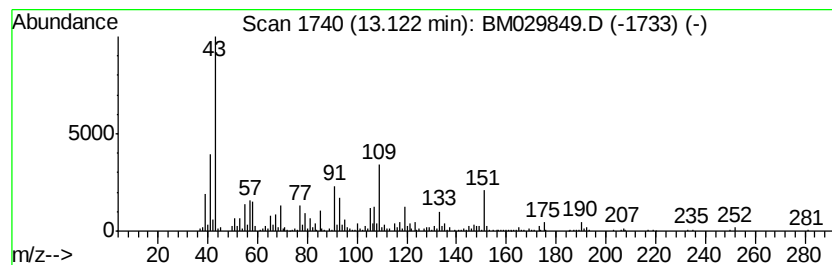
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 Quant Title : SVOA CALIBRATION

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.
13.12	9.64 ng/ul	568181	Acenaphthene-d10	14.21

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	80		
2	2,4,7,9-Tetramethyl-5-decyn-4,7-...	226	C14H26O2	000126-86-3	38		
3	cis-Z-.alpha.-Bisabolene epoxide	220	C15H24O	1000131-71-2	32		
4	7-(1,3-Dimethylbuta-1,3-dienyl)-...	234	C15H22O2	1000190-22-7	32		
5	7-Oxa-bicyclo[2.2.1]heptan-2-ol,...	254	C14H22O4	329362-13-2	23		



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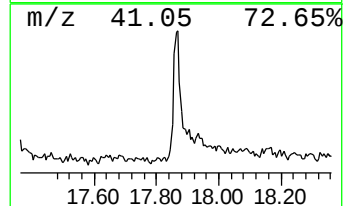
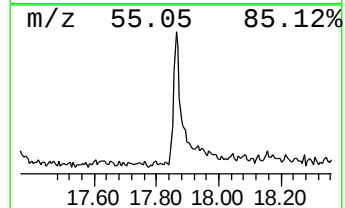
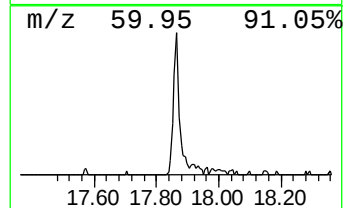
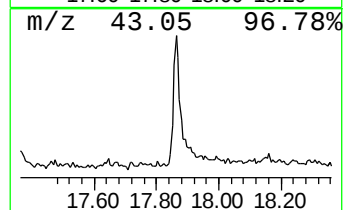
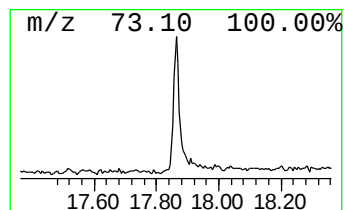
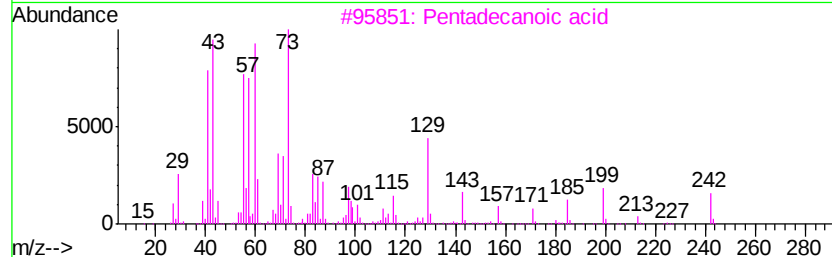
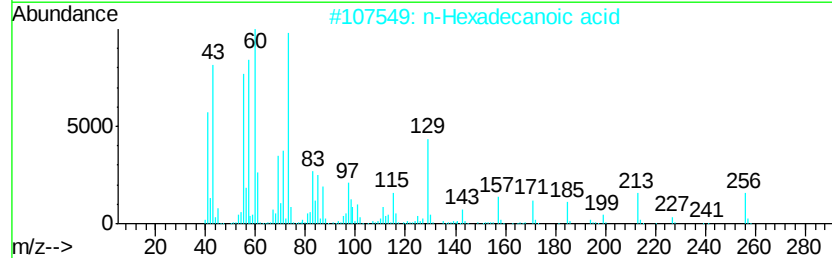
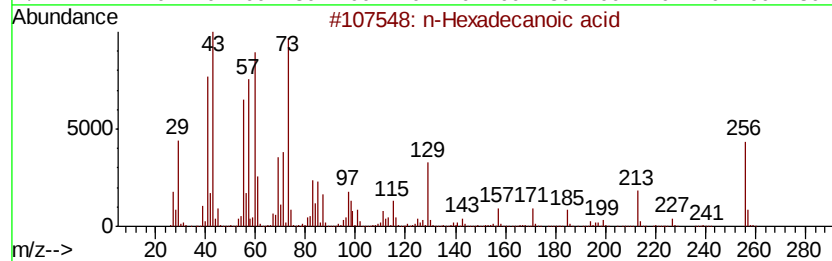
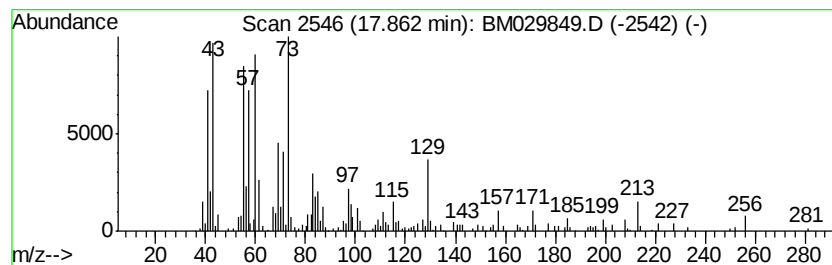
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	2.43 ng/ul	163353	Phenanthrene-d10	16.96		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94
3		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
4		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	87
5		Tridecanoic acid	214	C13H26O2	000638-53-9	72



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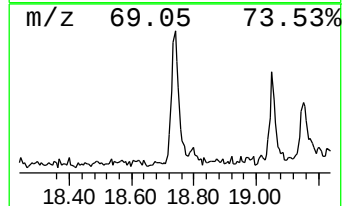
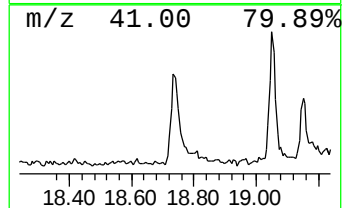
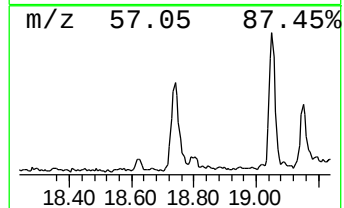
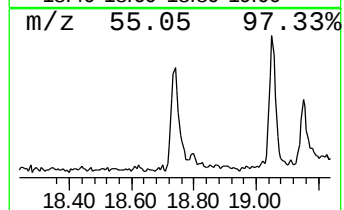
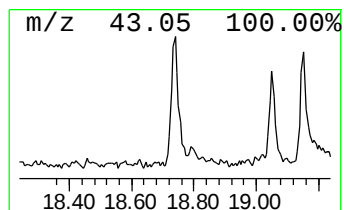
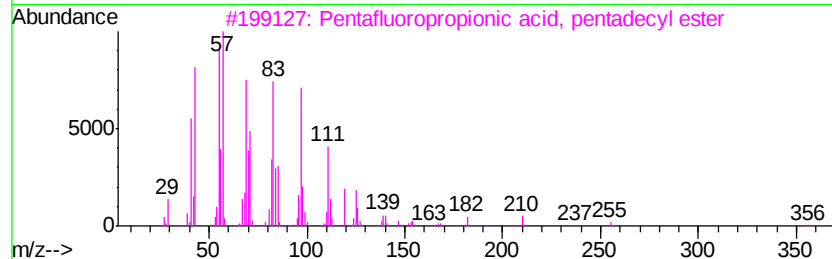
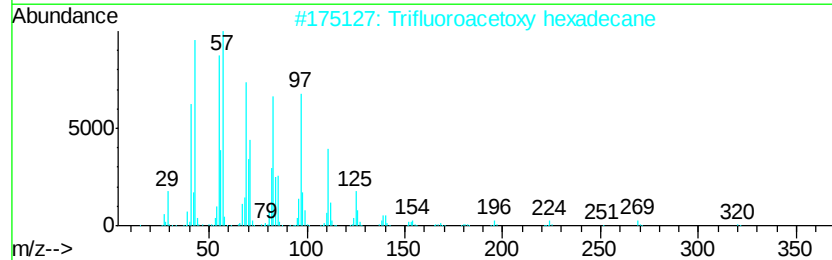
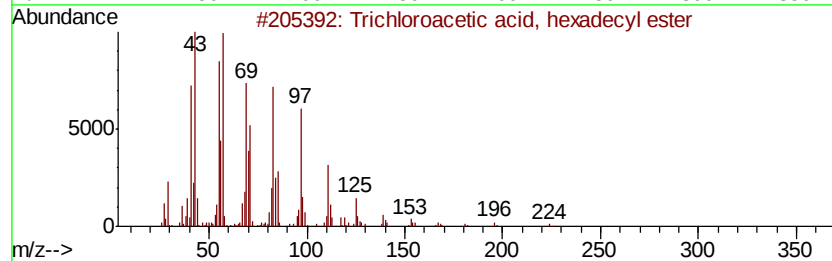
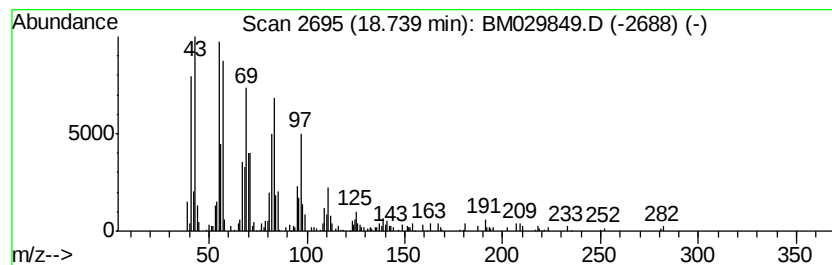
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 Trichloroacetic acid, hexad... Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.74	2.82 ng/ul	189795	Phenanthrene-d10	16.96

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	91
2			Trifluoroacetoxy hexadecane	338	C18H33F3O2	006222-03-3	90
3			Pentafluoropropionic acid, penta...	374	C18H31F5O2	959092-08-1	90
4			n-Nonadecanol-1	284	C19H40O	001454-84-8	90
5			Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
2,4,7,9-Tetrameth...	13.12	9.6	ng/ul	568181	3	14.21	1179100	20.0
n-Hexadecanoic acid	17.86	2.4	ng/ul	163353	4	16.96	1347080	20.0
Trichloroacetic a...	18.74	2.8	ng/ul	189795	4	16.96	1347080	20.0