

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080619\
 Data File : BG042030.D
 Acq On : 7 Aug 2019 14:20
 Operator : HP/JU
 Sample : K4028-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BENZ3

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_G\METHODS\SOM-EPA-BG080319MA.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	3.148	5	10	28	rVB	1469995	2381306	100.00%	12.185%
2	3.407	51	54	63	rVB	8369	15215	0.64%	0.078%
3	3.947	142	146	150	rVB5	3042	4284	0.18%	0.022%
4	4.076	163	168	173	rBV2	11101	17473	0.73%	0.089%
5	4.176	179	185	191	rVV3	3898	8331	0.35%	0.043%
6	4.347	209	214	218	rBV6	1921	3682	0.15%	0.019%
7	5.099	337	342	347	rBV3	3522	6241	0.26%	0.032%
8	7.179	687	696	708	rBV	143395	287545	12.08%	1.471%
9	7.343	718	724	734	rBV	115569	205230	8.62%	1.050%
10	7.414	734	736	745	rVB5	1675	3008	0.13%	0.015%
11	7.555	752	760	774	rBV	171338	304308	12.78%	1.557%
12	8.025	833	840	849	rBV	242716	432223	18.15%	2.212%
13	8.089	849	851	857	rVB3	2099	2753	0.12%	0.014%
14	8.736	953	961	968	rBV	189536	352862	14.82%	1.806%
15	8.859	977	982	988	rVB6	3751	6904	0.29%	0.035%
16	9.188	1031	1038	1049	rBV	152054	285379	11.98%	1.460%
17	9.264	1049	1051	1056	rVB3	1655	2935	0.12%	0.015%
18	9.640	1110	1115	1122	rVB5	2507	4798	0.20%	0.025%
19	9.922	1155	1163	1175	rBV	135463	251820	10.57%	1.289%
20	10.469	1245	1256	1271	rBV	219600	428303	17.99%	2.192%
21	10.851	1312	1321	1330	rBV	372018	662513	27.82%	3.390%
22	10.980	1336	1343	1358	rBV	158493	321631	13.51%	1.646%
23	12.443	1586	1592	1597	rBV2	3511	6443	0.27%	0.033%
24	13.830	1822	1828	1832	rBV2	10166	22010	0.92%	0.113%
25	14.006	1854	1858	1862	rVB3	2521	3119	0.13%	0.016%
26	14.088	1865	1872	1876	rVV	436026	667683	28.04%	3.417%
27	14.129	1876	1879	1887	rVB	167022	239514	10.06%	1.226%
28	14.376	1914	1921	1931	rBV	518000	848401	35.63%	4.341%
29	14.687	1967	1974	1981	rBV	663323	1017150	42.71%	5.205%
30	14.746	1981	1984	1989	rVB2	3936	6459	0.27%	0.033%
31	14.875	1999	2006	2021	rBV2	78941	171956	7.22%	0.880%
32	15.093	2038	2043	2051	rVB3	24189	34940	1.47%	0.179%
33	15.481	2104	2109	2113	rBV4	2188	3860	0.16%	0.020%
34	15.545	2115	2120	2122	rVB3	2868	2744	0.12%	0.014%

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35	15.680	2136	2143	2150	rBV	717857	1084882	45.56%	5.551%
36	15.733	2150	2152	2156	rVB2	5948	6940	0.29%	0.036%
37	15.792	2156	2162	2172	rBV	123721	199059	8.36%	1.019%
38	15.921	2180	2184	2189	rVB3	8758	13009	0.55%	0.067%
39	15.968	2189	2192	2199	rVB7	3391	4236	0.18%	0.022%
40	16.033	2199	2203	2207	rVB5	1975	3237	0.14%	0.017%
41	16.274	2239	2244	2248	rBV5	2245	4389	0.18%	0.022%
42	16.403	2263	2266	2272	rVB7	3545	6701	0.28%	0.034%
43	16.468	2274	2277	2280	rVB5	3312	3905	0.16%	0.020%
44	16.844	2339	2341	2343	rBV2	2597	3187	0.13%	0.016%
45	17.085	2378	2382	2383	rBV3	4428	4008	0.17%	0.021%
46	17.143	2388	2392	2395	rVV6	3735	5337	0.22%	0.027%
47	17.355	2424	2428	2430	rVB5	4846	6538	0.27%	0.033%
48	17.384	2430	2433	2435	rBV4	3571	4205	0.18%	0.022%
49	17.437	2435	2442	2447	rBV2	780589	1240457	52.09%	6.347%
50	17.478	2447	2449	2454	rVV	83955	116841	4.91%	0.598%
51	17.537	2454	2459	2469	rVB2	729988	1164676	48.91%	5.960%
52	17.625	2471	2474	2476	rBV4	6975	7468	0.31%	0.038%
53	17.754	2488	2496	2498	rBV9	5394	13422	0.56%	0.069%
54	17.837	2506	2510	2512	rBV3	5338	8281	0.35%	0.042%
55	18.019	2539	2541	2542	rBV2	9742	6534	0.27%	0.033%
56	18.101	2553	2555	2557	rBV3	4248	4076	0.17%	0.021%
57	18.160	2563	2565	2566	rBV2	6957	4511	0.19%	0.023%
58	18.336	2587	2595	2598	rBV3	71021	133900	5.62%	0.685%
59	18.518	2621	2626	2629	rBV2	28213	48085	2.02%	0.246%
60	18.548	2629	2631	2635	rVB	17757	18114	0.76%	0.093%
61	18.812	2673	2676	2680	rBV2	16287	20088	0.84%	0.103%
62	18.847	2680	2682	2687	rVB4	13446	18220	0.77%	0.093%
63	19.376	2767	2772	2775	rBV7	13573	24326	1.02%	0.124%
64	19.494	2787	2792	2799	rVB	214083	297769	12.50%	1.524%
65	19.828	2843	2849	2861	rVB2	979949	1684599	70.74%	8.620%
66	21.368	3107	3111	3121	rVB4	82691	179967	7.56%	0.921%
67	21.615	3150	3153	3157	rVB	59713	74615	3.13%	0.382%
68	21.720	3164	3171	3177	rBV2	802320	1488375	62.50%	7.616%
69	24.764	3681	3689	3697	rBV	501353	1268584	53.27%	6.491%
70	24.987	3719	3727	3737	rBV	484864	1357217	56.99%	6.945%

LSC Area Percent Report

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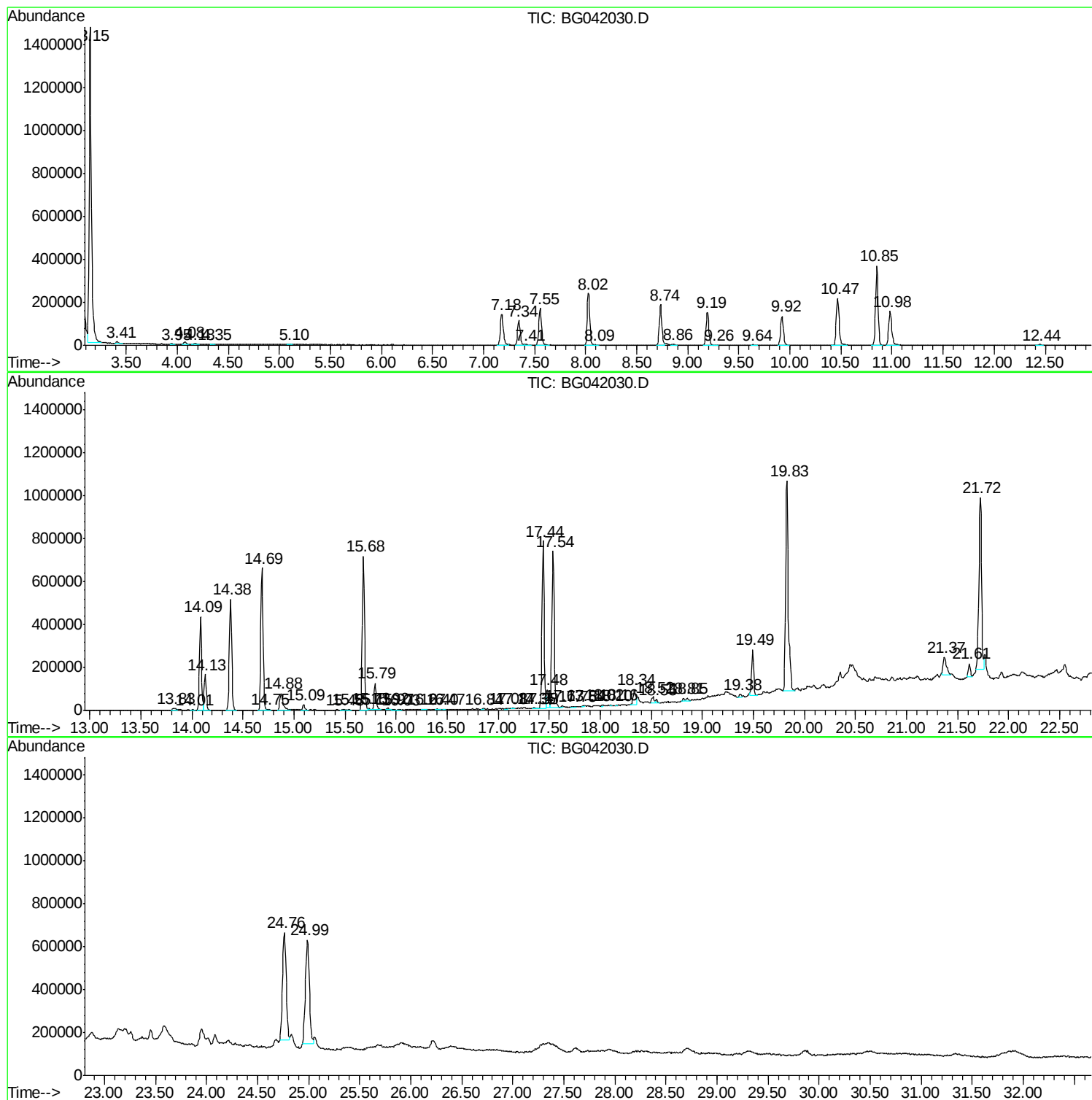
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\SOM-EPA-BG080319MA.M
Quant Title : SVOA CALIBRATION

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



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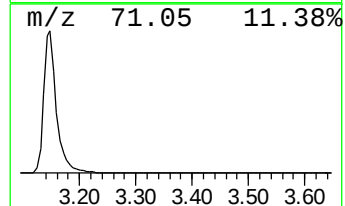
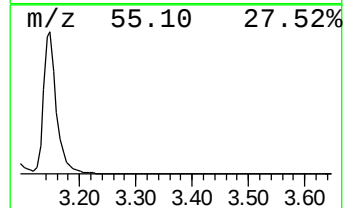
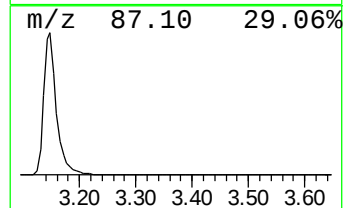
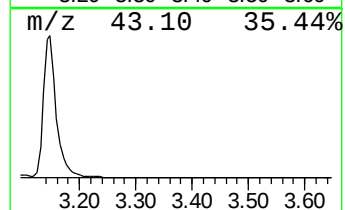
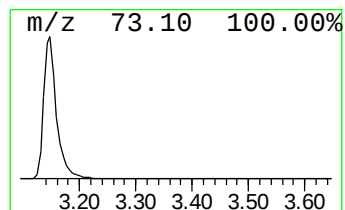
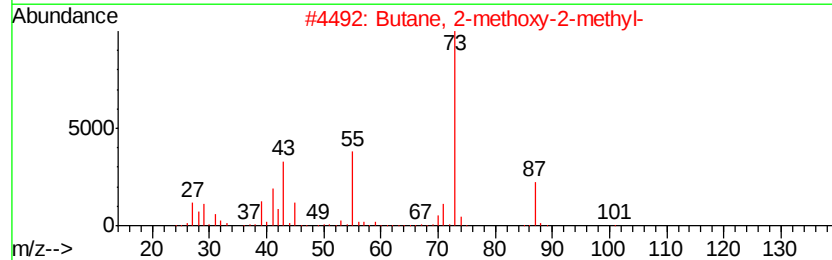
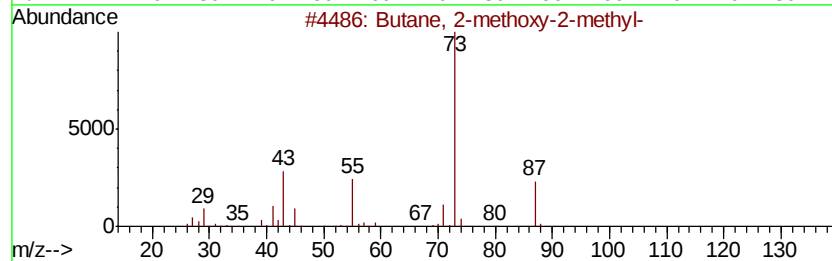
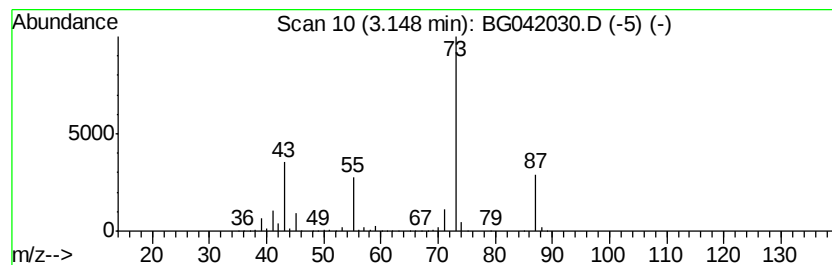
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Peak Number 1 Butane, 2-methoxy-2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
3.15	110.19 ng/ul	2381310	1,4-Dichlorobenzene-d4	8.02

Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	78	
2	Butane, 2-methoxy-2-methyl-	102	C6H14O	000994-05-8	45	
3	2,2,4-Trimethyl-3-pentanol	130	C8H18O	005162-48-1	40	
4	Pentane, 3-methoxy-	102	C6H14O	036839-67-5	23	
5	N-Ethylformamide	73	C3H7NO	000627-45-2	9	



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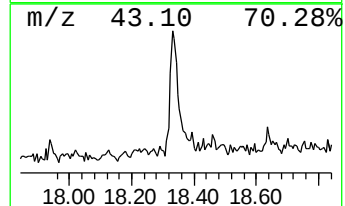
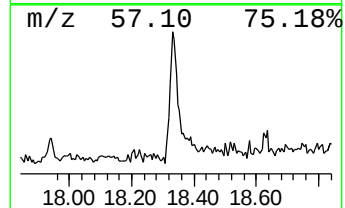
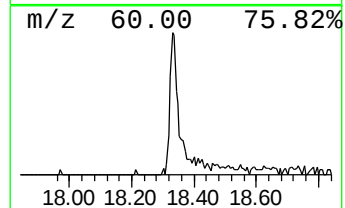
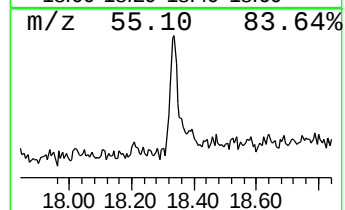
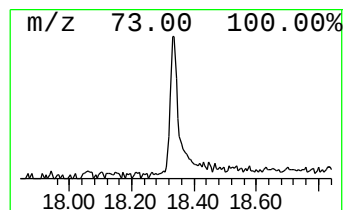
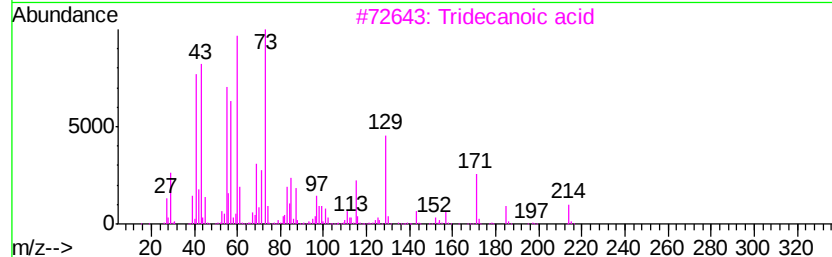
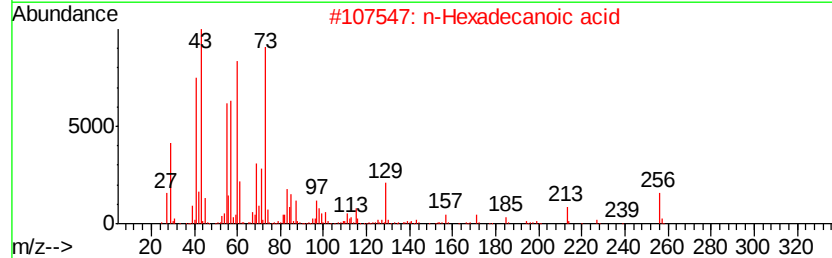
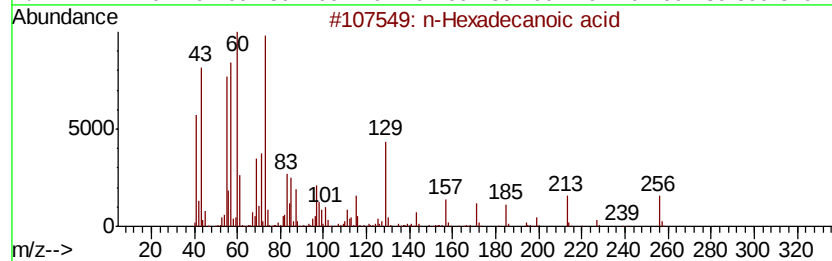
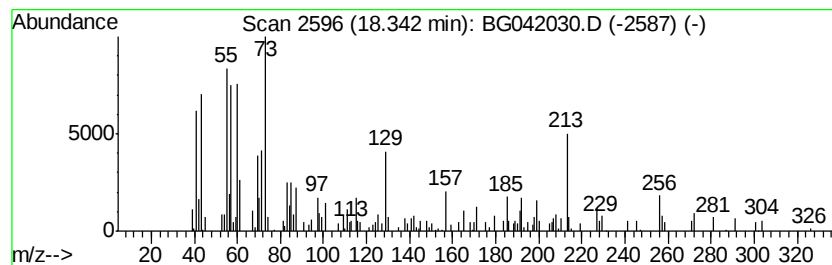
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.34	2.16 ng/ul	133900	Phenanthrene-d10	17.44

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	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	90
4		Tridecanoic acid	214	C13H26O2	000638-53-9	70
5		n-Decanoic acid	172	C10H20O2	000334-48-5	70



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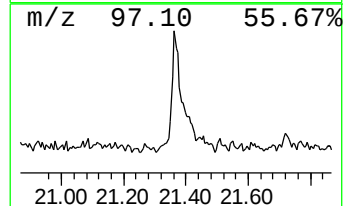
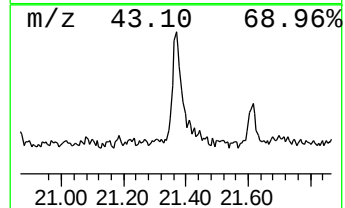
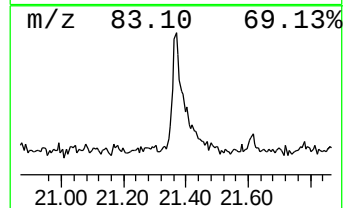
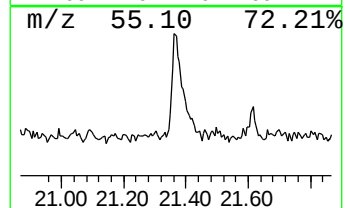
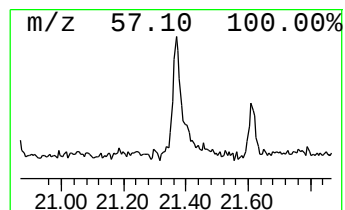
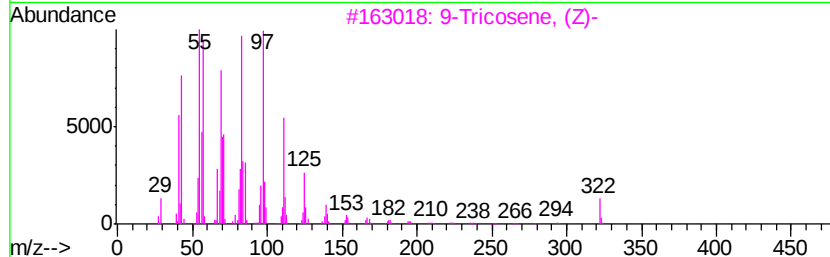
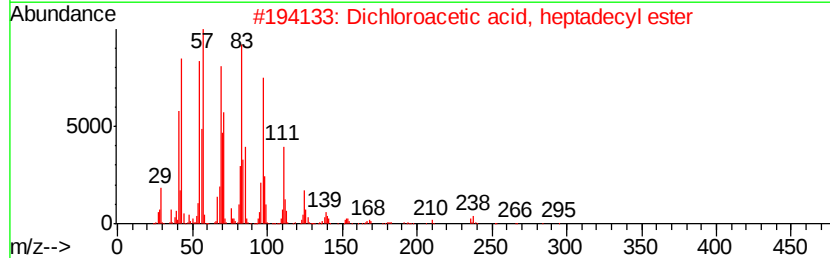
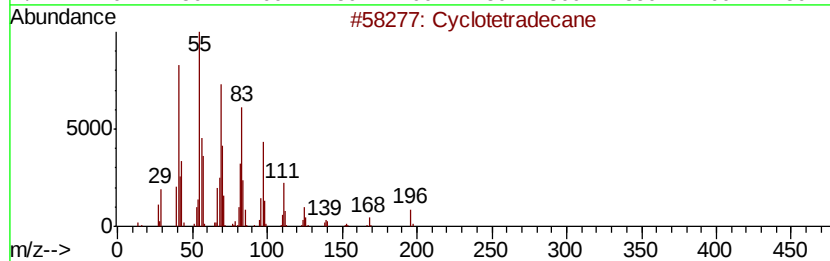
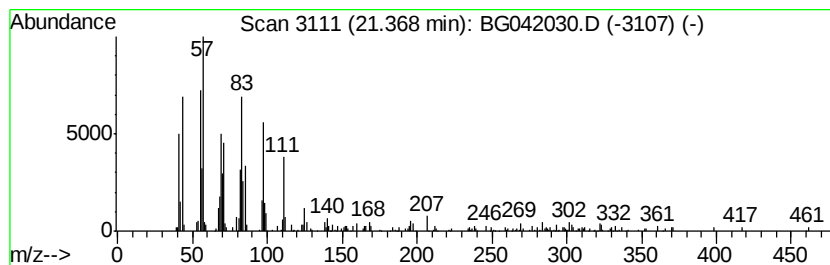
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Peak Number 3 (DEL) Alkane: Cyclic21.37 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.37	2.42 ng/ul	179967	Chrysene-d12	21.72

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	91
2		Dichloroacetic acid, heptadecyl ...	366	C19H36Cl2O2	1000282-98-2	90
3		9-Tricosene, (Z)-	322	C23H46	027519-02-4	90
4		3-Eicosene, (E)-	280	C20H40	074685-33-9	90
5		9-Tricosene, (Z)-	322	C23H46	027519-02-4	89



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Butane, 2-methoxy...	3.15	110.2	ng/ul	2381310	1	8.02	432223	20.0
n-Hexadecanoic acid	18.34	2.2	ng/ul	133900	4	17.44	1240460	20.0
(DEL) Alkane: Cyc...	21.37	2.4	ng/ul	179967	5	21.72	1488380	20.0