

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM071719\
 Data File : BM021517.D
 Acq On : 18 Jul 2019 08:37
 Operator : HP/JU
 Sample : K3760-13
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DB8Z3

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-BM070819MA.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	6.893	659	664	677	rVB	546346	894824	21.18%	2.170%
2	7.063	688	693	704	rBV	421718	677378	16.03%	1.643%
3	7.251	719	725	735	rVB	606242	971652	23.00%	2.356%
4	7.716	798	804	817	rVB	673320	1082541	25.62%	2.625%
5	8.428	918	925	940	rVB	674044	1148152	27.18%	2.784%
6	8.881	996	1002	1013	rVB	551774	917582	21.72%	2.225%
7	9.598	1117	1124	1136	rVB	448066	747352	17.69%	1.812%
8	10.128	1207	1214	1228	rBV	711392	1238388	29.31%	3.003%
9	10.504	1270	1278	1287	rVB	887035	1513875	35.83%	3.671%
10	10.657	1296	1304	1320	rBV	561440	1101970	26.08%	2.672%
11	12.104	1545	1550	1557	rVB3	8230	14022	0.33%	0.034%
12	12.698	1648	1651	1657	rBV2	9872	14759	0.35%	0.036%
13	12.957	1690	1695	1703	rVB3	9124	15208	0.36%	0.037%
14	13.222	1735	1740	1744	rBV3	11901	15047	0.36%	0.036%
15	13.663	1810	1815	1821	rVB	126655	177371	4.20%	0.430%
16	13.780	1825	1835	1840	rBV	1274414	1815587	42.98%	4.403%
17	13.827	1840	1843	1849	rVB	131974	176648	4.18%	0.428%
18	14.057	1875	1882	1890	rBV	1489018	2206450	52.23%	5.351%
19	14.192	1901	1905	1908	rVB4	4698	6489	0.15%	0.016%
20	14.310	1919	1925	1928	rBV	64765	88976	2.11%	0.216%
21	14.363	1928	1934	1941	rVB2	1341760	2009945	47.58%	4.874%
22	14.586	1965	1972	1984	rBV	267452	591066	13.99%	1.433%
23	14.668	1984	1986	1992	rVB7	15363	21927	0.52%	0.053%
24	14.804	2007	2009	2013	rVB2	5593	6229	0.15%	0.015%
25	15.157	2064	2069	2072	rBV	8275	10354	0.25%	0.025%
26	15.198	2072	2076	2079	rVB2	3531	5151	0.12%	0.012%
27	15.357	2097	2103	2114	rBV	1946346	2788259	66.00%	6.762%
28	15.492	2121	2126	2138	rBV	349866	538871	12.76%	1.307%
29	15.598	2140	2144	2148	rVB2	18284	23451	0.56%	0.057%
30	15.692	2155	2160	2165	rVB5	4768	6887	0.16%	0.017%
31	15.839	2180	2185	2189	rBV3	16327	22763	0.54%	0.055%
32	16.062	2219	2223	2226	rBV5	3215	4948	0.12%	0.012%
33	16.098	2226	2229	2232	rVV3	7895	9395	0.22%	0.023%
34	16.139	2234	2236	2241	rVB4	6789	8948	0.21%	0.022%

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35	16.251	2253	2255	2259	rVB3	5314	5545	0.13%	0.013%
36	16.315	2262	2266	2269	rBV3	2526	4302	0.10%	0.010%
37	16.521	2296	2301	2305	rBV3	4688	7961	0.19%	0.019%
38	16.857	2356	2358	2361	rBV3	4844	6011	0.14%	0.015%
39	16.904	2361	2366	2370	rVB6	6198	11653	0.28%	0.028%
40	17.027	2381	2387	2391	rBV5	4732	8638	0.20%	0.021%
41	17.115	2395	2402	2410	rVV	1687321	2402245	56.86%	5.825%
42	17.215	2412	2419	2429	rVV	2016614	2869831	67.93%	6.959%
43	17.292	2429	2432	2435	rVB3	5309	7102	0.17%	0.017%
44	17.398	2447	2450	2455	rVB4	3898	5349	0.13%	0.013%
45	17.780	2513	2515	2517	rVB3	4921	4415	0.10%	0.011%
46	18.004	2548	2553	2563	rBV	150626	245161	5.80%	0.595%
47	18.080	2564	2566	2570	rVB	12852	16749	0.40%	0.041%
48	19.145	2743	2747	2750	rBV	24396	36869	0.87%	0.089%
49	19.292	2768	2772	2780	rBV6	38537	71376	1.69%	0.173%
50	19.398	2787	2790	2793	rBV	13248	16207	0.38%	0.039%
51	19.509	2803	2809	2821	rBV	2436533	3465585	82.03%	8.404%
52	20.862	3035	3039	3044	rBV	658557	718888	17.02%	1.743%
53	21.009	3060	3064	3076	rBV4	156816	322701	7.64%	0.783%
54	21.303	3109	3114	3122	rBV	2122150	2767201	65.50%	6.711%
55	22.850	3375	3377	3383	rVB	186128	231344	5.48%	0.561%
56	23.415	3467	3473	3486	rVB	2181116	4224627	100.00%	10.245%
57	23.562	3492	3498	3508	rVB	1528032	2914493	68.99%	7.068%

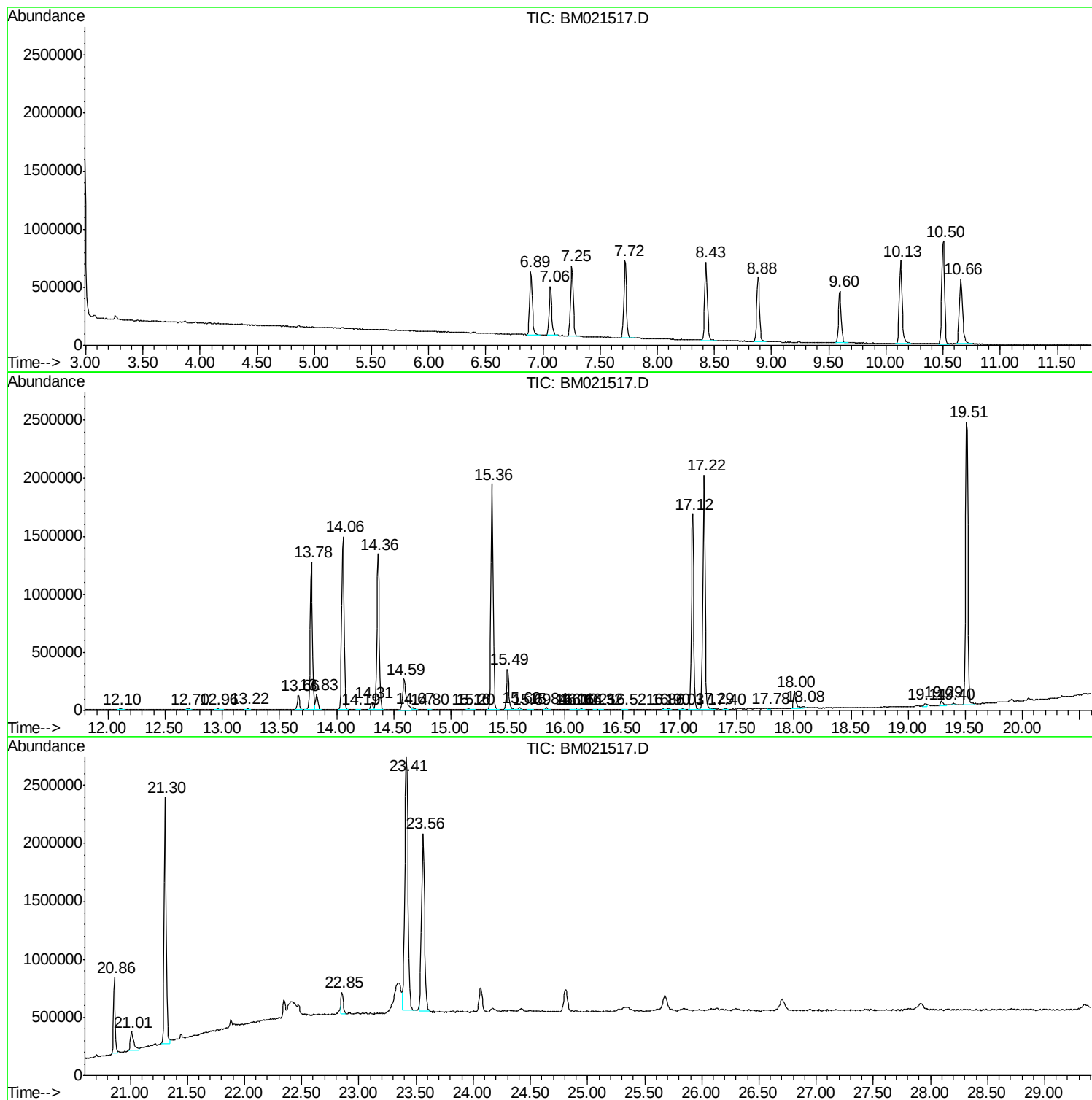
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P



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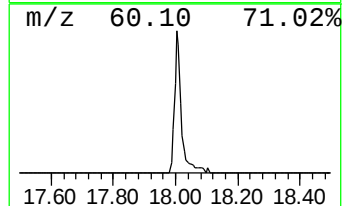
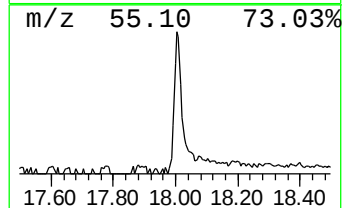
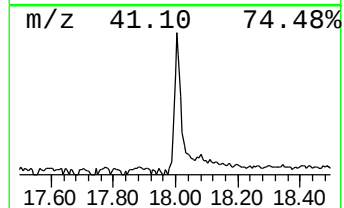
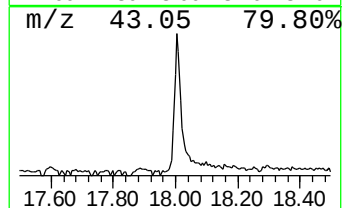
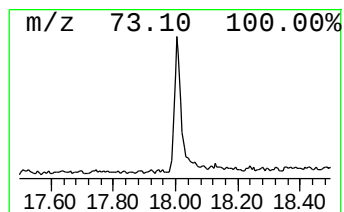
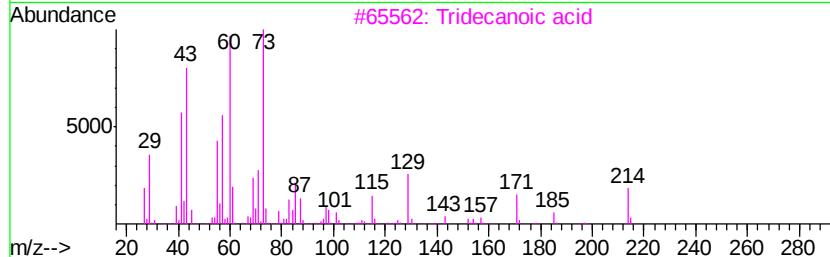
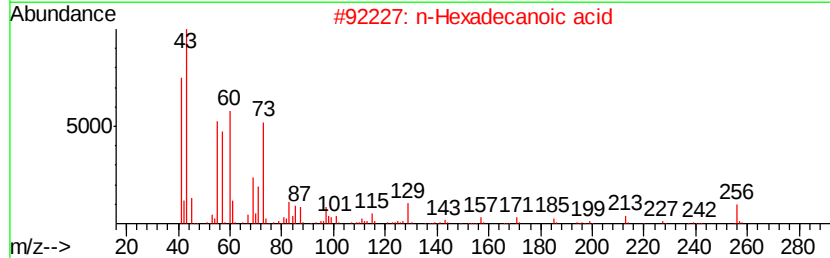
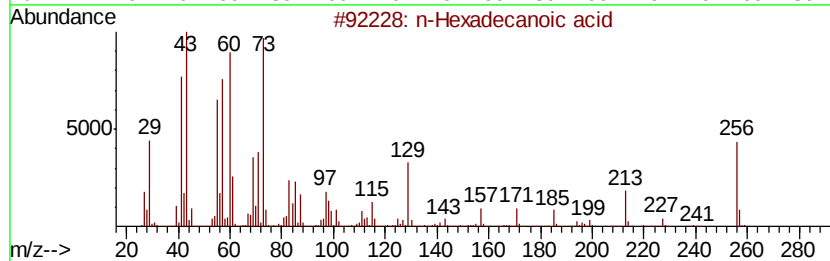
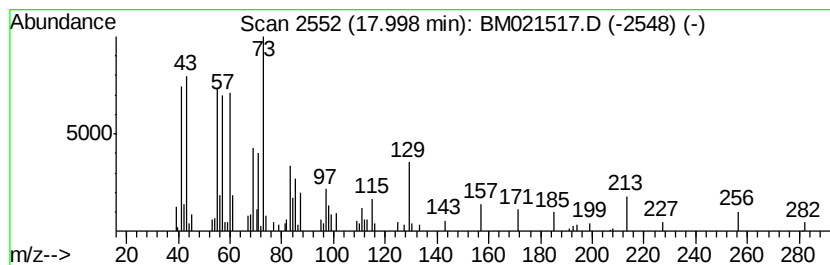
Instrument :
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ClientSampleId :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM070819MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	2.04 ng/ul	245161	Phenanthrene-d10	17.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98	
2	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	90	
4	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
5	Tetradecanoic acid	228	C14H28O2	000544-63-8	80	



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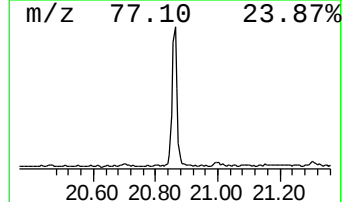
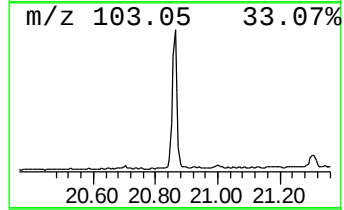
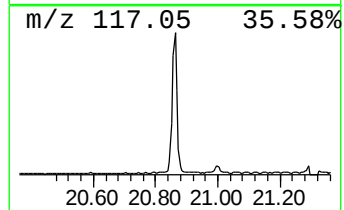
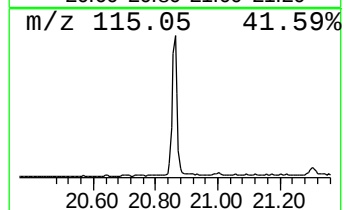
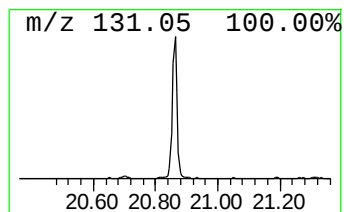
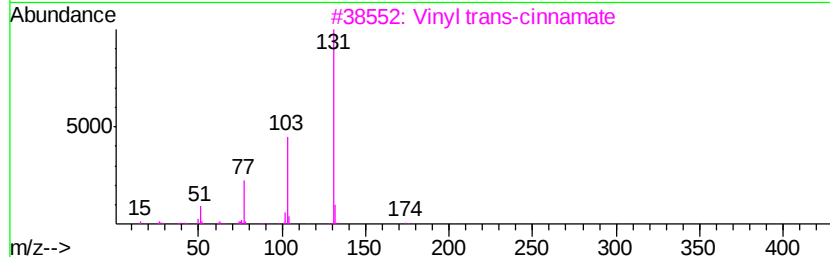
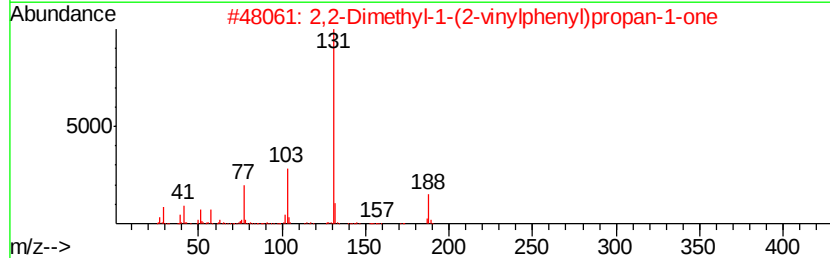
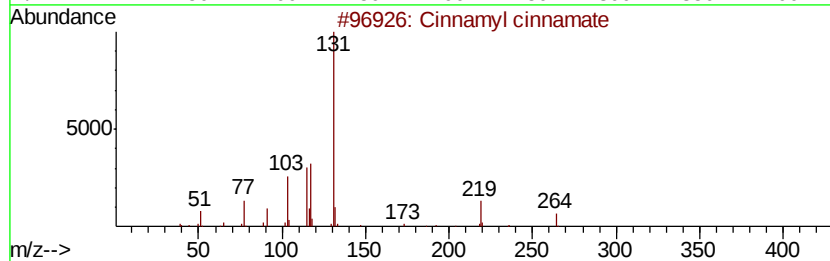
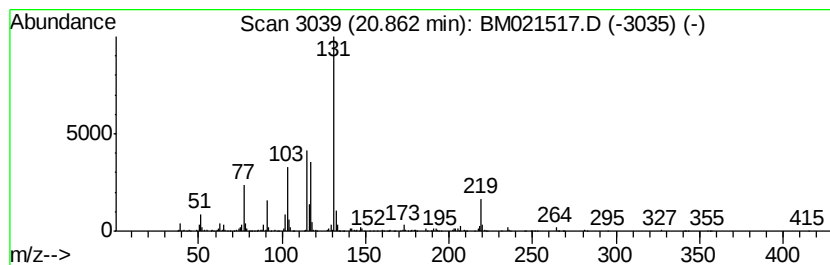
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TIC Integration Parameters: LSCINT.P

Peak Number 2 Cinnamyl cinnamate Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.86	5.20 ng/ul	718888	Chrysene-d12	21.30

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cinnamyl cinnamate	264	C18H16O2	000122-69-0	86
2		2,2-Dimethyl-1-(2-vinylphenyl)pr...	188	C13H16O	1000210-99-9	49
3		Vinyl trans-cinnamate	174	C11H10O2	017719-70-9	47
4		2-Iodo-benzoic acid N'-(3-phenyl...	392	C16H13IN2O2	315672-62-9	47
5		N-(p-Vinylbenzoyl)-l-alanine	219	C12H13NO3	139184-60-4	47



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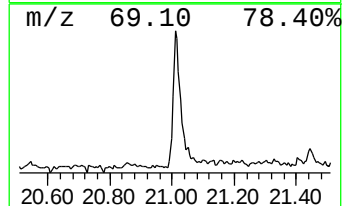
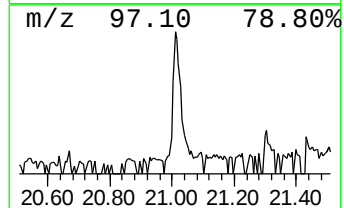
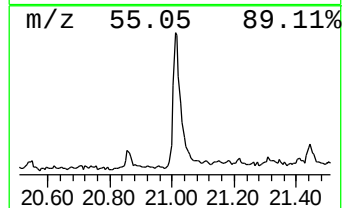
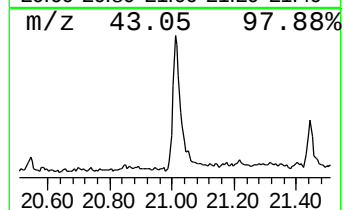
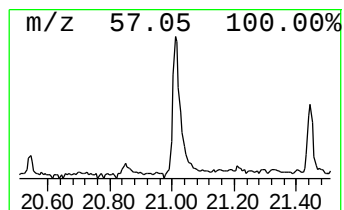
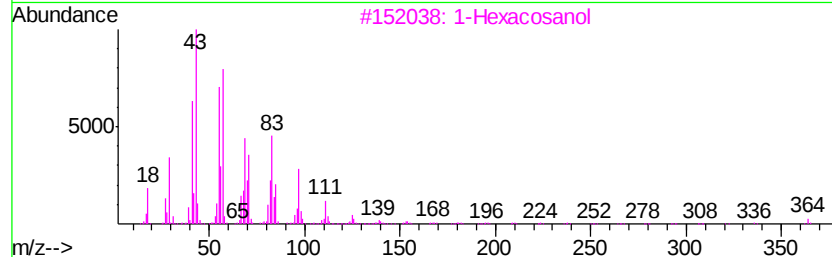
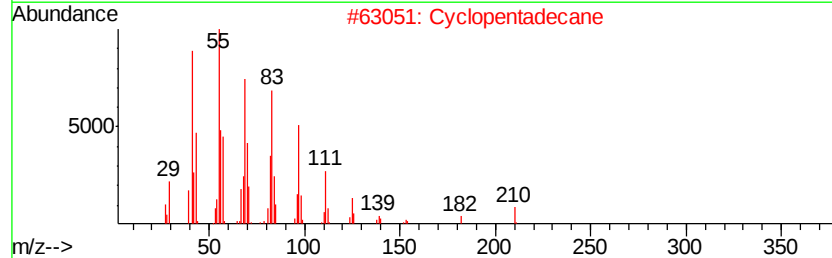
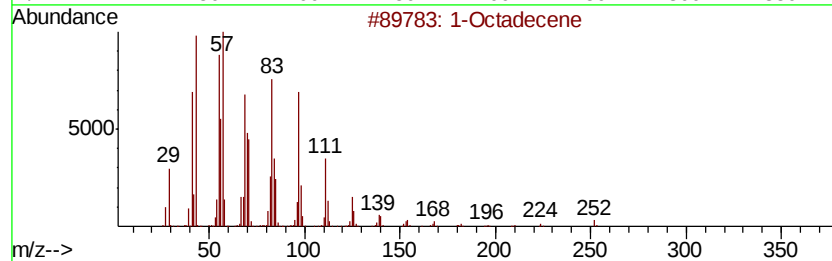
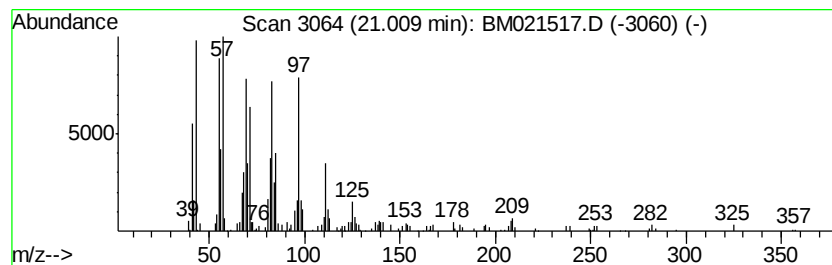
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Peak Number 3 (DEL) Alkane: Cyclic21.01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
21.01	2.33 ng/ul	322701	Chrysene-d12	21.30	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	1-Octadecene	252	C18H36	000112-88-9	96
2	Cyclopentadecane	210	C15H30	000295-48-7	95
3	1-Hexacosanol	382	C26H54O	000506-52-5	91
4	Heptafluorobutanoic acid, heptad...	452	C21H35F7O2	1000282-97-3	90
5	1-Heneicosyl formate	340	C22H44O2	077899-03-7	90



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	2.0	ng/ul	245161	4	17.12	2402250	20.0
Cinnamyl cinnamate	20.86	5.2	ng/ul	718888	5	21.30	2767200	20.0
(DEL) Alkane: Cyc...	21.01	2.3	ng/ul	322701	5	21.30	2767200	20.0