

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091020\
 Data File : BM027381.D
 Acq On : 10 Sep 2020 19:38
 Operator : JU/CG
 Sample : L3855-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 EW277

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-BM090420MA.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	3.128	21	24	31	rVB	47488	67278	1.11%	0.123%
2	3.757	128	131	135	rVB3	11024	17338	0.29%	0.032%
3	6.751	633	640	656	rBV	866235	1395229	23.09%	2.545%
4	6.910	661	667	678	rVB	684505	1027459	17.00%	1.874%
5	7.104	693	700	711	rVB	954035	1430760	23.68%	2.610%
6	7.204	714	717	724	rVV2	12631	20743	0.34%	0.038%
7	7.569	772	779	787	rBV	554169	869457	14.39%	1.586%
8	7.651	789	793	798	rVB5	4268	7660	0.13%	0.014%
9	8.275	892	899	913	rBV	1099561	1699079	28.12%	3.099%
10	8.710	964	973	989	rBV	884501	1412146	23.37%	2.576%
11	9.428	1085	1095	1104	rBV	798796	1280366	21.19%	2.335%
12	9.963	1177	1186	1200	rBV	1223728	1966108	32.53%	3.586%
13	10.334	1242	1249	1257	rVB	754825	1217048	20.14%	2.220%
14	10.475	1265	1273	1288	rBV	1035850	1776470	29.40%	3.240%
15	11.933	1516	1521	1527	rVB	16296	26628	0.44%	0.049%
16	13.127	1718	1724	1729	rBV3	9613	14867	0.25%	0.027%
17	13.627	1802	1809	1813	rBV	2240058	3001640	49.67%	5.475%
18	13.674	1813	1817	1824	rVB	485449	664917	11.00%	1.213%
19	13.898	1848	1855	1866	rBV	2429630	3461659	57.28%	6.314%
20	14.210	1901	1908	1918	rVB	1323309	1860326	30.78%	3.393%
21	14.416	1937	1943	1963	rBV	553717	897584	14.85%	1.637%
22	14.651	1980	1983	1988	rVB4	7475	11877	0.20%	0.022%
23	15.204	2071	2077	2090	rBV	3100463	4332800	71.70%	7.903%
24	15.327	2092	2098	2111	rVV	676086	953854	15.78%	1.740%
25	15.445	2114	2118	2124	rVB2	37048	52251	0.86%	0.095%
26	15.992	2207	2211	2218	rVB3	13217	19124	0.32%	0.035%
27	16.639	2318	2321	2326	rVB5	5805	7636	0.13%	0.014%
28	16.739	2335	2338	2343	rVB3	6513	9895	0.16%	0.018%
29	16.880	2357	2362	2365	rBV6	4009	7686	0.13%	0.014%
30	16.951	2368	2374	2381	rVV	1690092	2376641	39.33%	4.335%
31	17.051	2385	2391	2405	rVV	3468474	4894142	80.99%	8.927%
32	17.751	2506	2510	2515	rBV8	5671	8884	0.15%	0.016%
33	17.815	2517	2521	2525	rBV5	19677	23904	0.40%	0.044%
34	17.880	2526	2532	2547	rBV	514980	765859	12.67%	1.397%

LSC Area Percent Report

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35	18.986	2715	2720	2723	rBV	38936	58625	0.97%	0.107%
36	19.015	2723	2725	2728	rVB4	10548	13687	0.23%	0.025%
37	19.168	2746	2751	2759	rBV	278983	401549	6.64%	0.732%
38	19.239	2759	2763	2767	rVB	45337	69351	1.15%	0.127%
39	19.356	2776	2783	2790	rBV	4618651	6043126	100.00%	11.023%
40	19.903	2872	2876	2879	rBV5	16888	22575	0.37%	0.041%
41	20.892	3040	3044	3050	rBV	322445	424789	7.03%	0.775%
42	21.150	3083	3088	3096	rBV	2372497	2907965	48.12%	5.304%
43	23.186	3427	3434	3440	rBV	2894771	4934712	81.66%	9.001%
44	23.315	3450	3456	3465	rVB	1328441	2367154	39.17%	4.318%

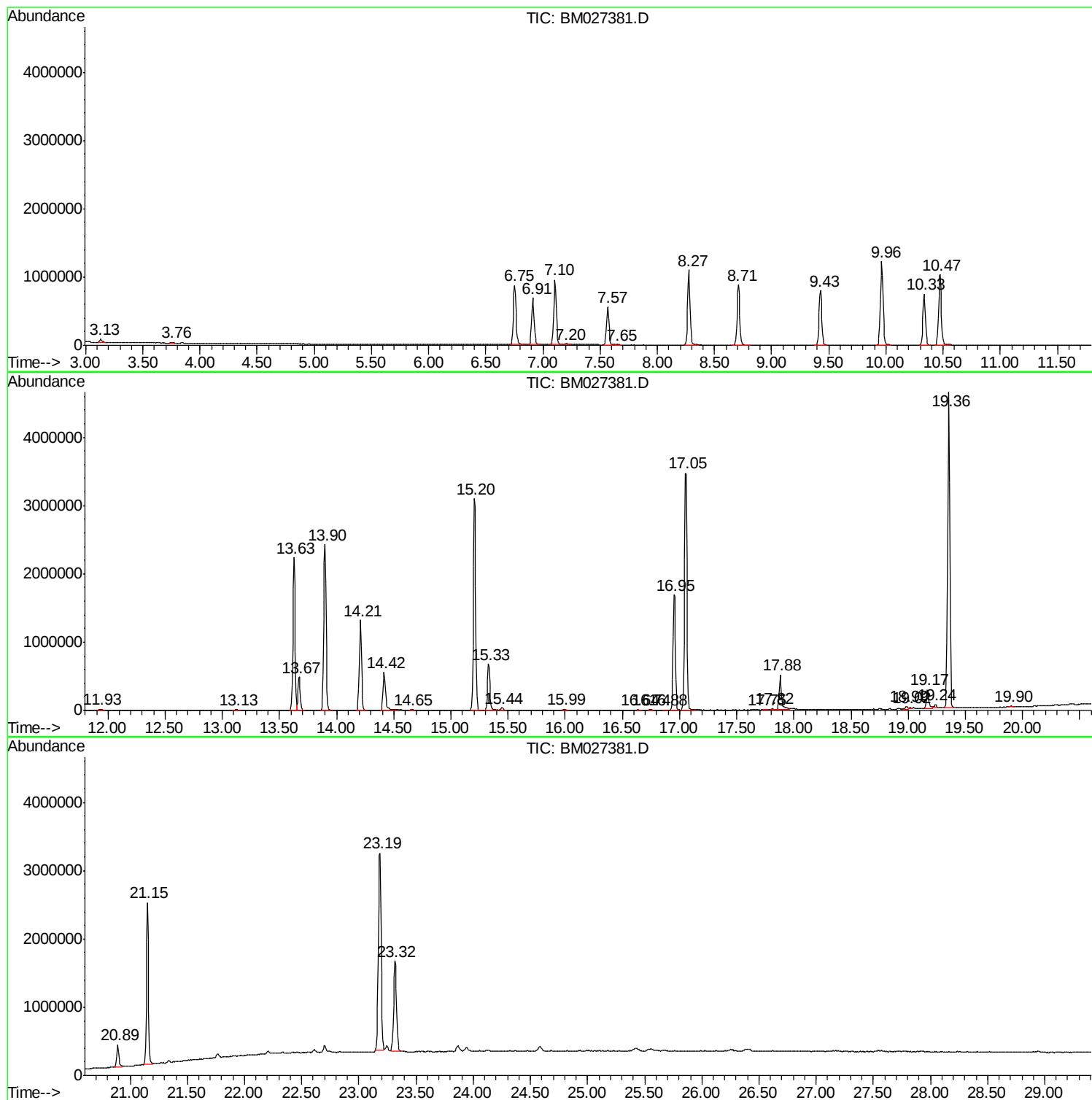
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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



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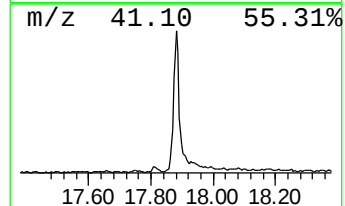
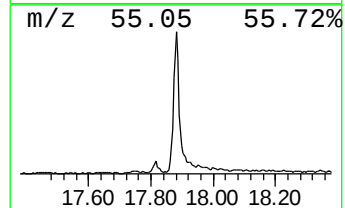
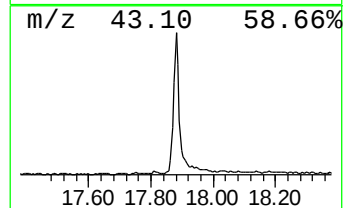
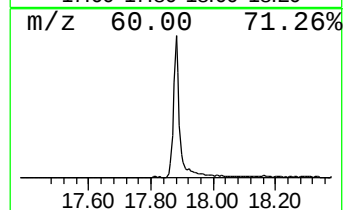
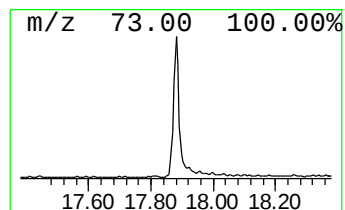
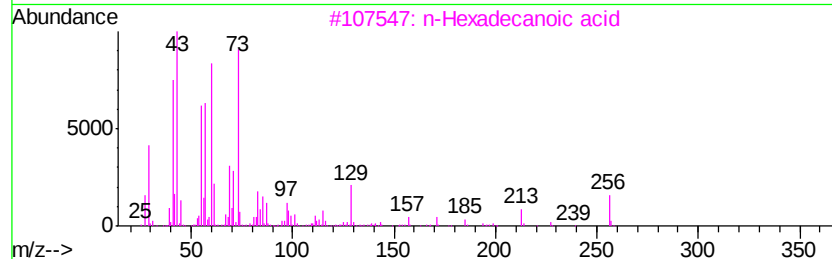
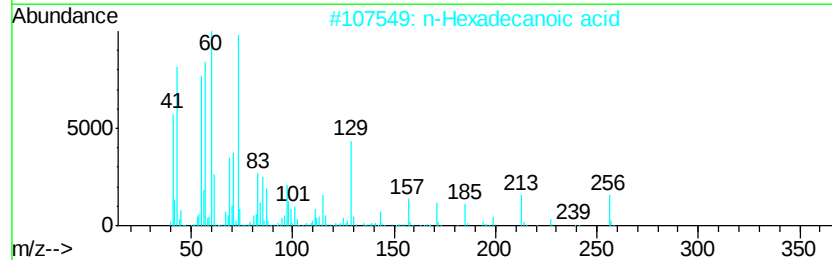
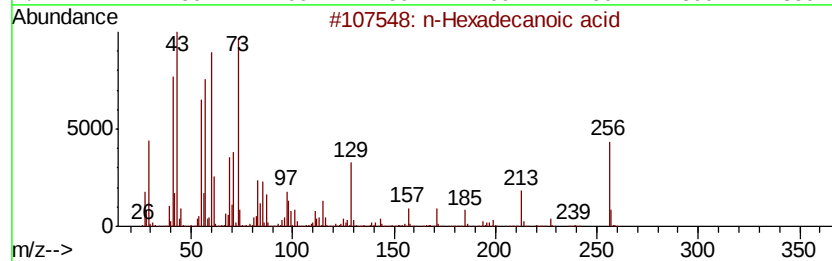
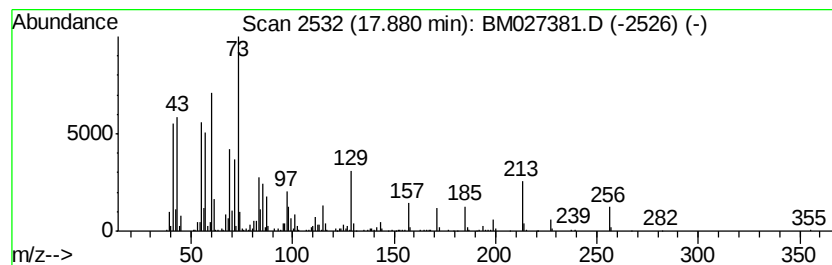
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090420MA.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.88	6.44 ng/ul	765859	Phenanthrene-d10		16.95

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	96
3			n-Hexadecanoic acid	256	C16H32O2	000057-10-3	95
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	78
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	58



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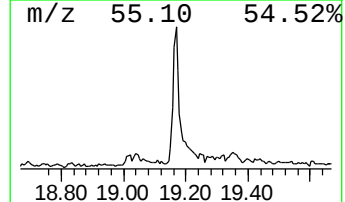
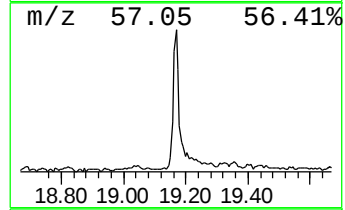
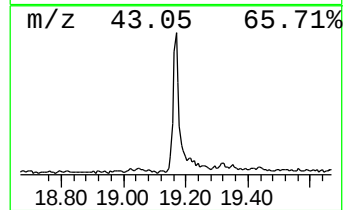
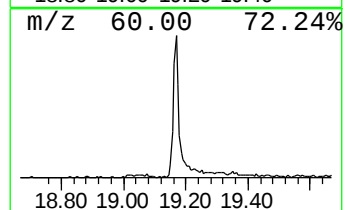
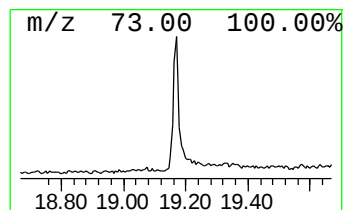
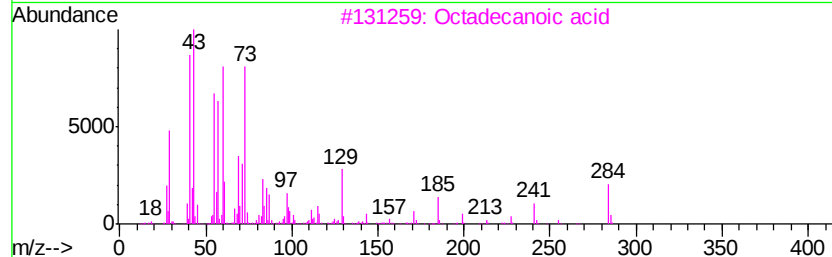
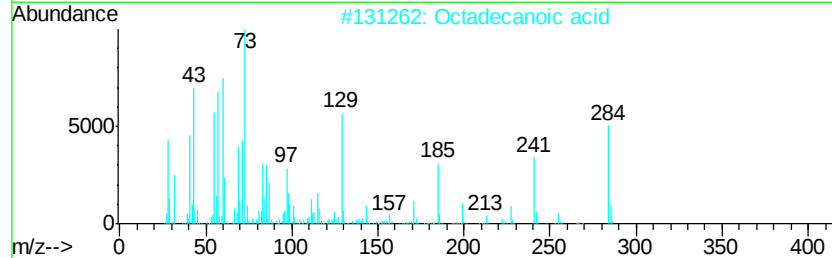
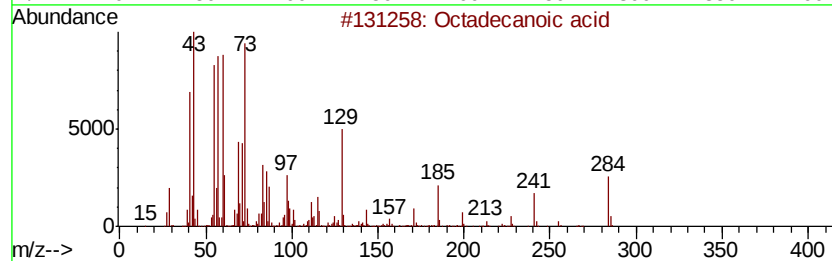
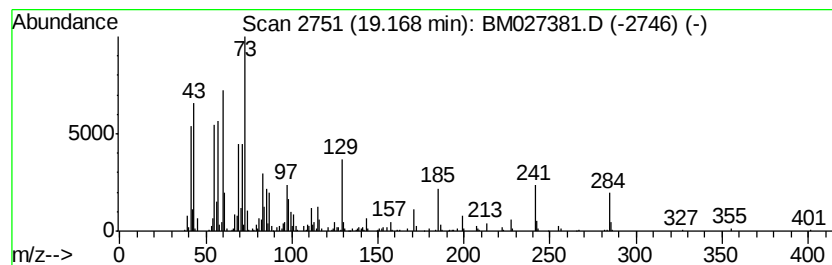
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.17	2.76 ng/ul	401549	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	99
2		Octadecanoic acid	284	C18H36O2	000057-11-4	99
3		Octadecanoic acid	284	C18H36O2	000057-11-4	98
4		Octadecanoic acid	284	C18H36O2	000057-11-4	93
5		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	93



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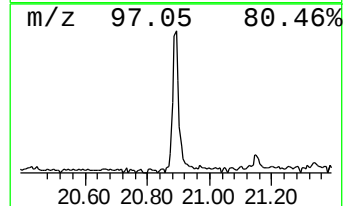
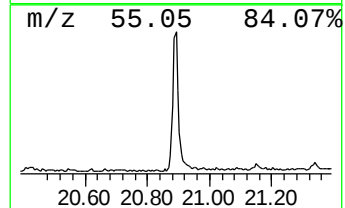
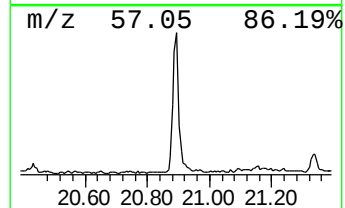
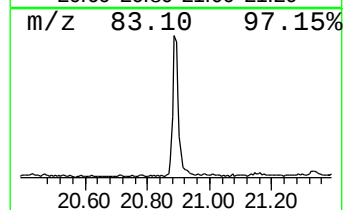
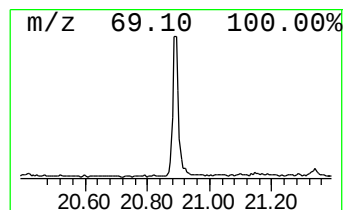
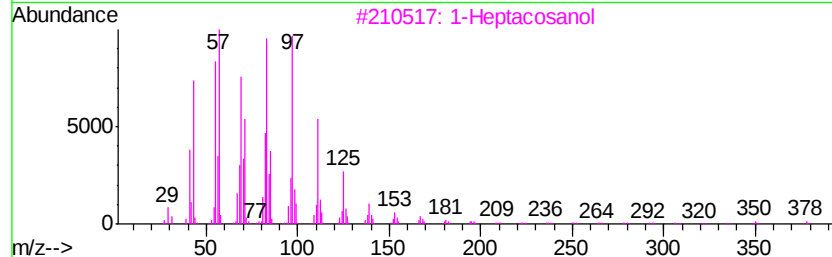
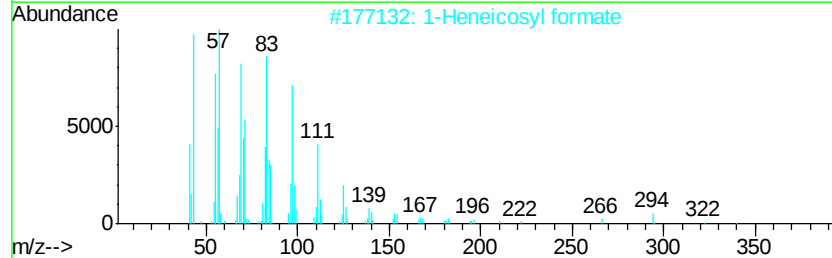
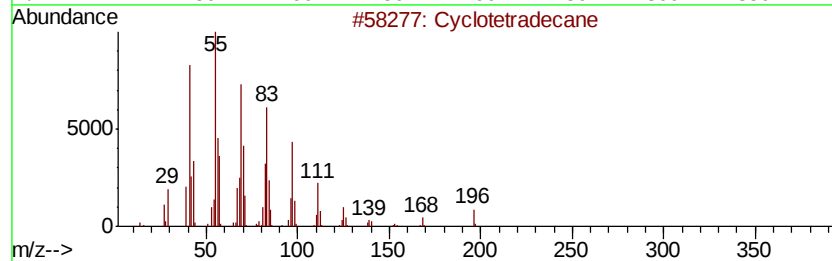
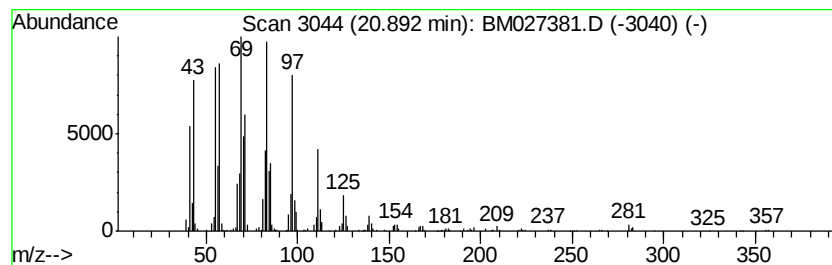
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 3 (DEL) Alkane: Cyclic20.89 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.89	2.92 ng/ul	424789	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Cyclotetradecane	196	C14H28	000295-17-0	94
2		1-Heneicosyl formate	340	C22H44O2	077899-03-7	94
3		1-Heptacosanol	396	C27H56O	002004-39-9	92
4		9-Octadecene, (E)-	252	C18H36	007206-25-9	90
5		1-Docosene	308	C22H44	001599-67-3	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.88	6.4	ng/ul	765859	4	16.95	2376640	20.0
Octadecanoic acid	19.17	2.8	ng/ul	401549	5	21.15	2907970	20.0
(DEL) Alkane: Cyc...	20.89	2.9	ng/ul	424789	5	21.15	2907970	20.0