

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM122319\
 Data File : BM024259.D
 Acq On : 24 Dec 2019 17:50
 Operator : JU
 Sample : K6240-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BFQSO

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-BM121719MA.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	2.993	16	18	24	rVB	60156	73099	1.15%	0.100%
2	6.640	632	638	656	rVB	321159	630863	9.93%	0.865%
3	6.787	657	663	677	rBV	1020298	1673230	26.33%	2.295%
4	6.975	688	695	710	rBV	1203338	1980314	31.17%	2.716%
5	7.098	714	716	722	rVB5	6442	8644	0.14%	0.012%
6	7.434	765	773	784	rBV	1183993	1893247	29.80%	2.597%
7	8.163	891	897	913	rBV	918994	1610870	25.35%	2.210%
8	8.410	932	939	947	rVB2	35333	64317	1.01%	0.088%
9	8.586	962	969	985	rBV	1255029	2168394	34.13%	2.974%
10	8.757	993	998	999	rBV5	5453	8384	0.13%	0.011%
11	8.939	1023	1029	1034	rVB3	44082	73869	1.16%	0.101%
12	9.016	1036	1042	1047	rVB	35787	50709	0.80%	0.070%
13	9.157	1058	1066	1070	rBV7	8045	19923	0.31%	0.027%
14	9.304	1084	1091	1107	rBV	1069695	1825173	28.73%	2.503%
15	9.845	1175	1183	1205	rBV	1507549	2833408	44.59%	3.886%
16	10.204	1236	1244	1260	rVB	1665721	2757362	43.40%	3.782%
17	10.369	1266	1272	1284	rBV2	83889	211284	3.33%	0.290%
18	11.480	1457	1461	1467	rBV2	12933	26176	0.41%	0.036%
19	11.810	1512	1517	1522	rBV2	26879	42198	0.66%	0.058%
20	11.892	1527	1531	1538	rBV8	12999	25142	0.40%	0.034%
21	12.022	1550	1553	1556	rBV5	5313	8015	0.13%	0.011%
22	12.063	1558	1560	1566	rVB6	7937	10999	0.17%	0.015%
23	12.151	1570	1575	1578	rBV6	6630	12710	0.20%	0.017%
24	12.457	1622	1627	1634	rVB6	7871	18312	0.29%	0.025%
25	12.698	1667	1668	1673	rVB5	7340	9433	0.15%	0.013%
26	12.757	1673	1678	1684	rBV9	10901	24051	0.38%	0.033%
27	12.969	1711	1714	1717	rBV5	9157	10801	0.17%	0.015%
28	13.010	1717	1721	1724	rVB5	12212	15034	0.24%	0.021%
29	13.069	1726	1731	1734	rVV6	7480	11485	0.18%	0.016%
30	13.339	1774	1777	1779	rBV4	7126	10181	0.16%	0.014%
31	13.521	1801	1808	1814	rBV	2888717	4073812	64.11%	5.588%
32	13.574	1814	1817	1825	rVB	123837	179498	2.82%	0.246%
33	13.786	1846	1853	1865	rBV	3497641	5286925	83.21%	7.252%
34	14.021	1890	1893	1895	rBV4	9034	12059	0.19%	0.017%

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35	14.098	1900	1906	1919	rVV	2340807	3571746	56.21%	4.899%
36	14.368	1946	1952	1967	rBV	139183	415339	6.54%	0.570%
37	14.510	1972	1976	1981	rVV8	34743	71524	1.13%	0.098%
38	14.563	1983	1985	1993	rVB9	24486	39419	0.62%	0.054%
39	14.880	2035	2039	2044	rBV6	22961	37377	0.59%	0.051%
40	14.945	2047	2050	2055	rVB4	20380	35022	0.55%	0.048%
41	15.104	2071	2077	2090	rBV	4530294	6235714	98.14%	8.553%
42	15.262	2099	2104	2112	rBV	539325	800311	12.60%	1.098%
43	15.345	2114	2118	2123	rVV2	44966	69656	1.10%	0.096%
44	16.857	2370	2375	2386	rBV	2647534	3819845	60.12%	5.239%
45	16.956	2386	2392	2402	rVV2	4213257	6118751	96.30%	8.393%
46	17.786	2529	2533	2547	rBV	819768	1320221	20.78%	1.811%
47	19.080	2750	2753	2760	rBV2	463442	710046	11.17%	0.974%
48	19.268	2780	2785	2791	rBV	4636465	6353921	100.00%	8.715%
49	20.809	3044	3047	3052	rBV	1049984	1287325	20.26%	1.766%
50	21.074	3088	3092	3098	rBV	3272833	4129372	64.99%	5.664%
51	23.080	3428	3433	3437	rBV	3694131	5908413	92.99%	8.104%
52	23.209	3451	3455	3464	rVB	2523775	4321156	68.01%	5.927%

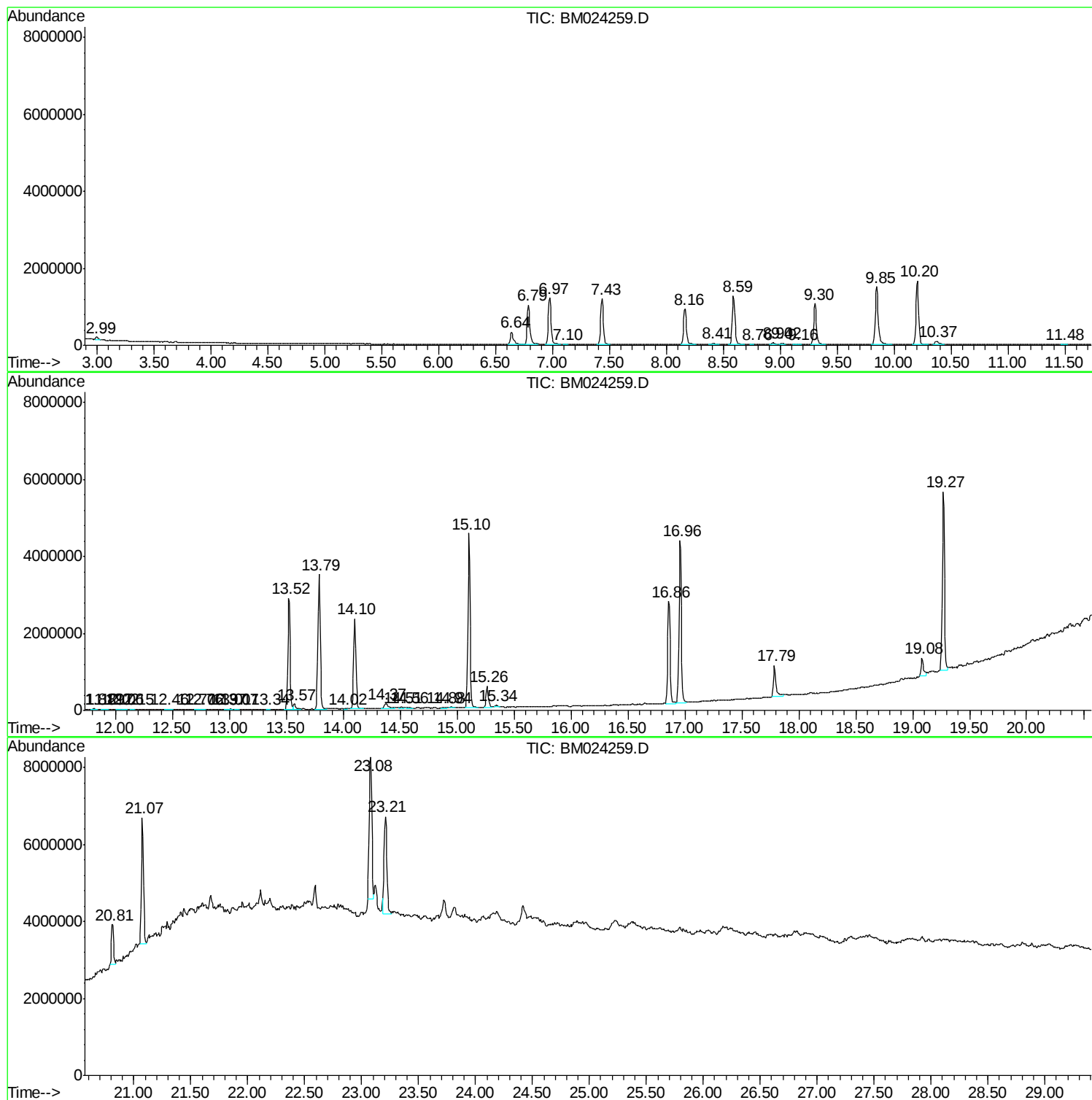
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
Quant Title : SVOA CALIBRATION

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



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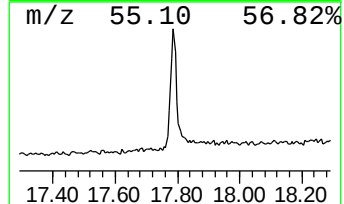
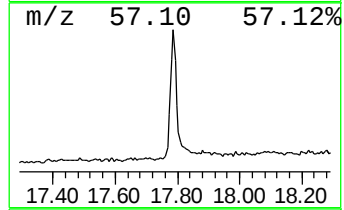
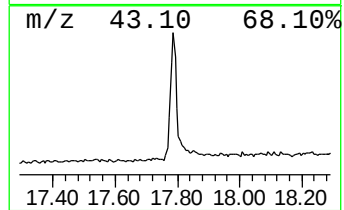
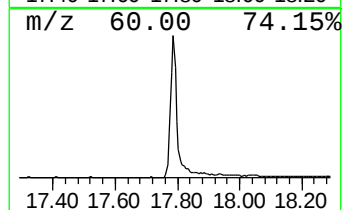
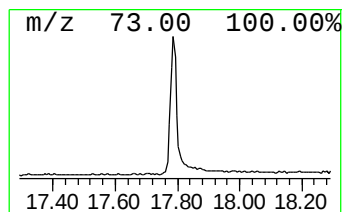
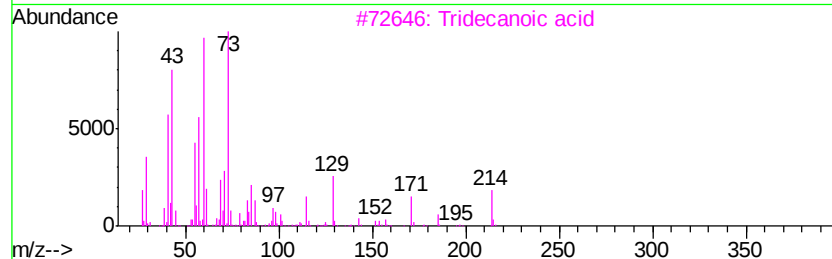
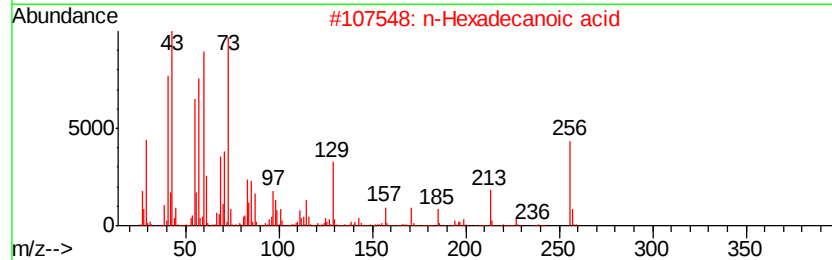
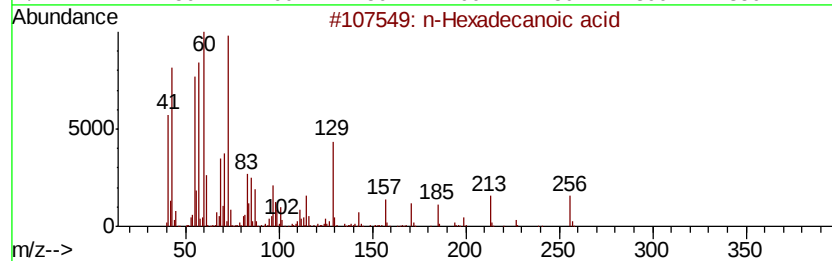
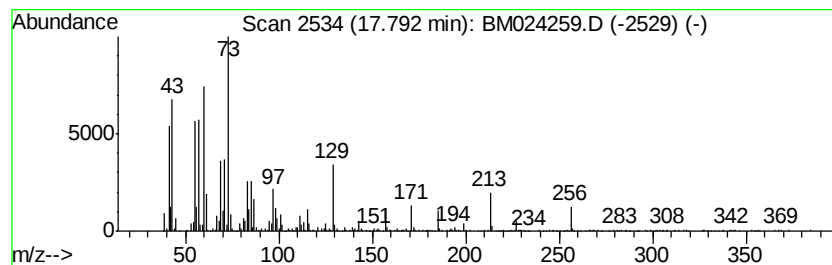
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
17.79	6.91 ng/ul	1320220	Phenanthrene-d10	16.86

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
2		n-Hexadecanoic acid	256	C16H32O2	000057-10-3	99
3		Tridecanoic acid	214	C13H26O2	000638-53-9	91
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	83



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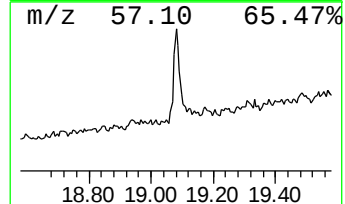
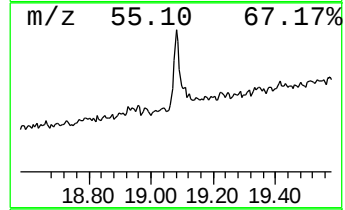
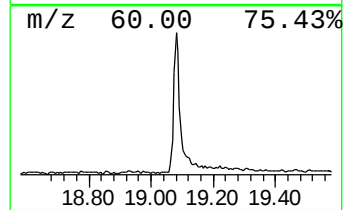
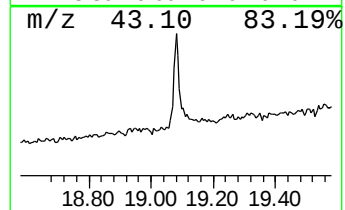
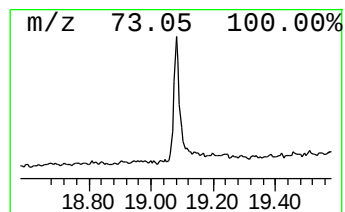
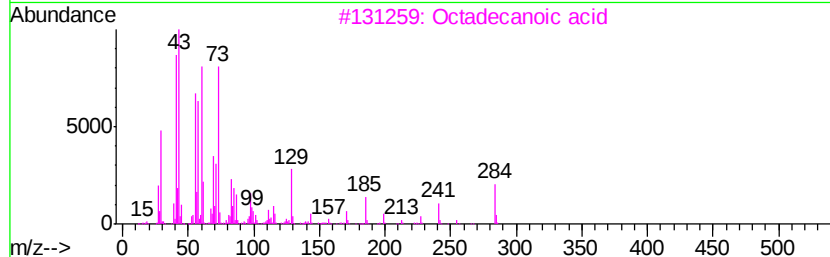
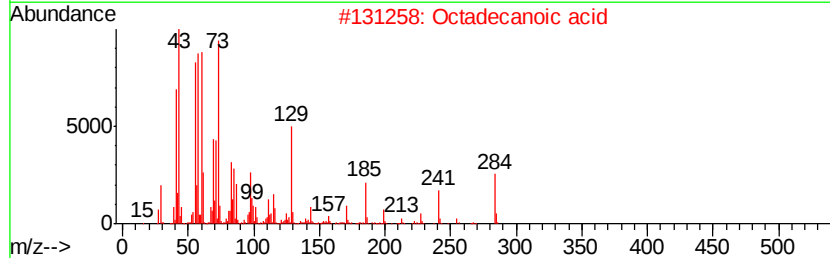
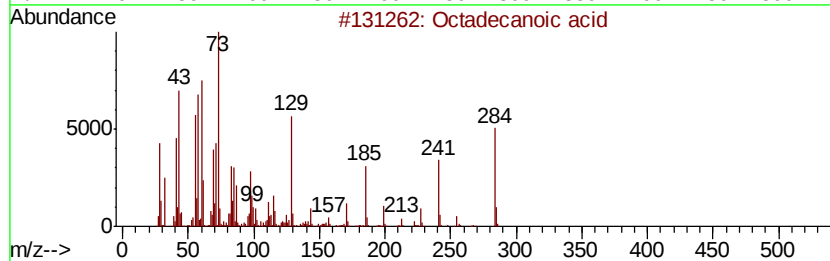
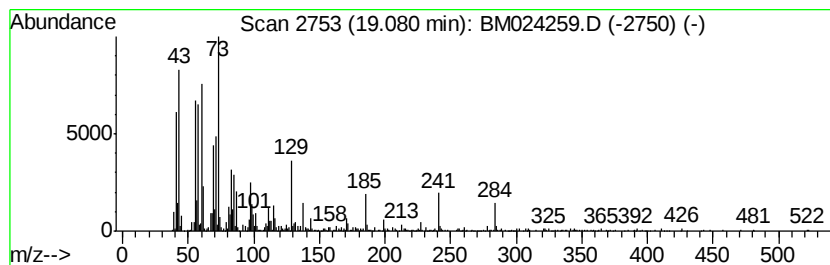
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.08	3.44 ng/ul	710046	Chrysene-d12	21.07

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	97
4		Octadecanoic acid	284	C18H36O2	000057-11-4	95
5		Octadecanoic acid	284	C18H36O2	000057-11-4	94



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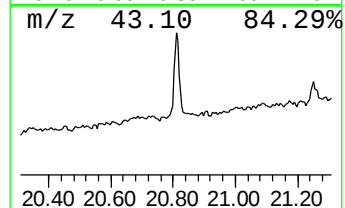
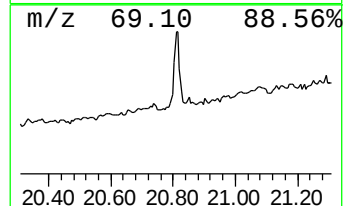
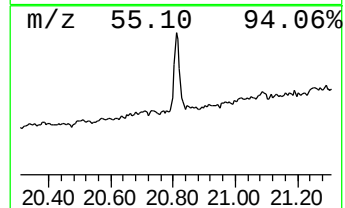
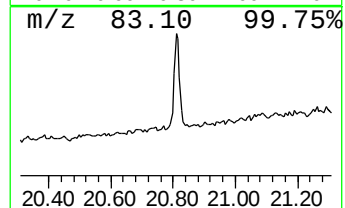
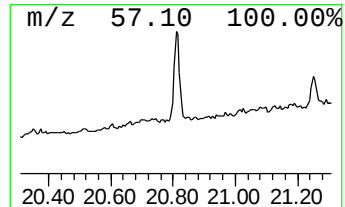
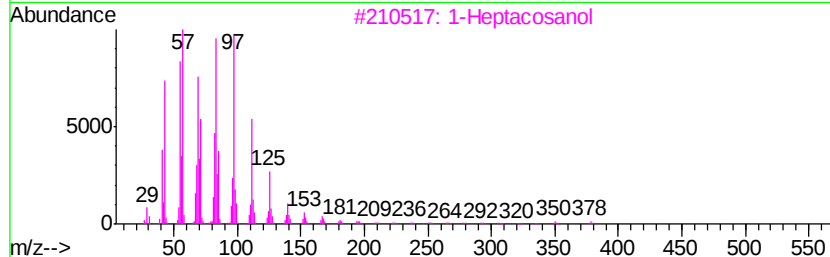
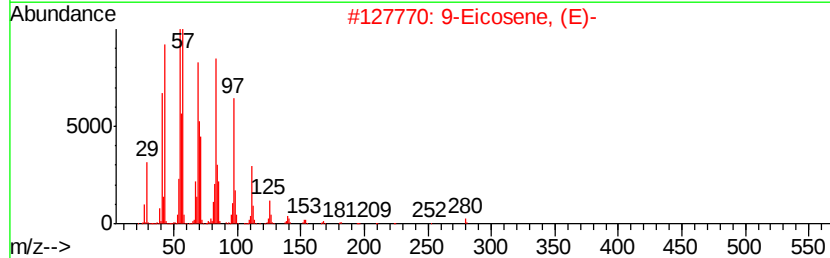
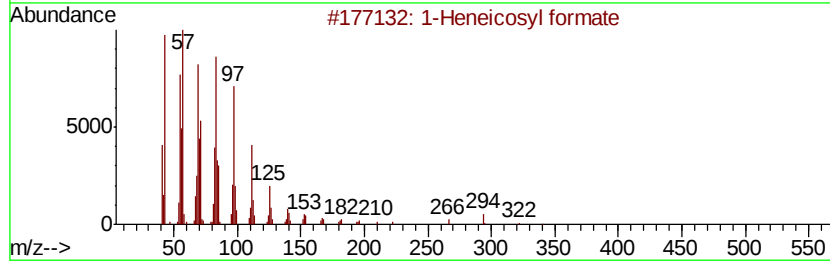
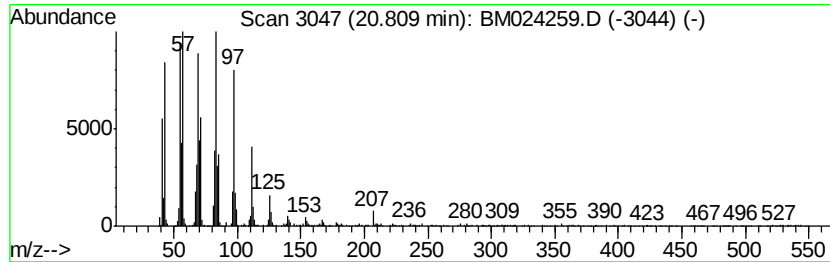
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Peak Number 3 1-Heneicosyl formate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.81	6.23 ng/ul	1287330	Chrysene-d12	21.07
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	1-Heneicosyl formate	340 C22H44O2	077899-03-7	95
2	9-Eicosene, (E)-	280 C20H40	074685-29-3	94
3	1-Heptacosanol	396 C27H56O	002004-39-9	94
4	Behenic alcohol	326 C22H46O	000661-19-8	94
5	1-Hexacosanol	382 C26H54O	000506-52-5	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.79	6.9	ng/ul	1320220	4	16.86	3819850	20.0
Octadecanoic acid	19.08	3.4	ng/ul	710046	5	21.07	4129370	20.0
1-Heneicosyl formate	20.81	6.2	ng/ul	1287330	5	21.07	4129370	20.0