

Data Path : Z:\HPCHEM1\BNA M\DATA\BM031318\
 Data File : BM014545.D
 Acq On : 13 Mar 2018 13:50
 Operator : SJ/JU
 Sample : J1835-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F6F04

Integration Parameters: LSCINT.P

Integrator: RTE
 Smoothing : OFF
 Sampling : 1
 Start Thrs: 0.2
 Stop Thrs : 0

Filtering: 5
 Min Area: 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:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.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	3.052	23	28	32	rBV3	11285	17423	1.11%	0.101%
2	3.546	109	112	117	rVB3	12779	19072	1.22%	0.110%
3	4.658	298	301	305	rVB4	11687	17180	1.10%	0.099%
4	6.693	641	647	663	rBV	127918	316902	20.28%	1.834%
5	6.828	665	670	679	rBV	106338	177052	11.33%	1.025%
6	7.016	697	702	715	rBV	166397	316473	20.25%	1.832%
7	7.469	773	779	791	rBV	250222	483176	30.92%	2.797%
8	8.216	900	906	915	rBV2	129908	279210	17.87%	1.616%
9	8.646	972	979	988	rBV2	159275	322095	20.61%	1.864%
10	8.999	1034	1039	1044	rVB8	9082	16586	1.06%	0.096%
11	9.357	1094	1100	1113	rBV4	148186	323911	20.73%	1.875%
12	9.910	1189	1194	1205	rBV3	143711	386092	24.71%	2.235%
13	10.246	1244	1251	1261	rVB	379068	671589	42.98%	3.887%
14	10.428	1275	1282	1298	rBV2	77202	253268	16.21%	1.466%
15	13.563	1809	1815	1821	rBV	440312	682839	43.70%	3.952%
16	13.610	1821	1823	1830	rVB	69227	101832	6.52%	0.589%
17	13.828	1851	1860	1870	rBV	501100	786302	50.32%	4.551%
18	14.033	1890	1895	1903	rBV5	26299	68696	4.40%	0.398%
19	14.139	1907	1913	1920	rVB3	599057	947644	60.64%	5.485%
20	14.457	1960	1967	1978	rBV5	100677	316172	20.23%	1.830%
21	14.598	1989	1991	1997	rVV6	10912	17263	1.10%	0.100%
22	14.657	1999	2001	2007	rVB5	11721	17700	1.13%	0.102%
23	14.998	2055	2059	2065	rVB4	28907	40331	2.58%	0.233%
24	15.145	2078	2084	2094	rBV	593138	927820	59.37%	5.370%
25	15.333	2111	2116	2122	rBV2	146076	273527	17.50%	1.583%
26	15.392	2125	2126	2133	rVB4	27452	32965	2.11%	0.191%
27	15.869	2202	2207	2211	rBV4	29835	44212	2.83%	0.256%
28	16.451	2301	2306	2312	rBV9	12700	26222	1.68%	0.152%
29	16.663	2338	2342	2346	rVB5	14641	18272	1.17%	0.106%
30	16.904	2377	2383	2389	rBV	866897	1234135	78.98%	7.143%
31	17.004	2394	2400	2411	rVV2	649310	1037555	66.40%	6.005%
32	17.398	2464	2467	2470	rVB4	15028	16111	1.03%	0.093%
33	17.692	2515	2517	2522	rVB6	13331	18299	1.17%	0.106%
34	17.751	2524	2527	2531	rVB5	16351	18101	1.16%	0.105%

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35	17.810	2531	2537	2545	rBV2	336454	543720	34.79%	3.147%
36	18.980	2729	2736	2740	rBV10	43607	108642	6.95%	0.629%
37	19.104	2753	2757	2764	rBV2	209185	328603	21.03%	1.902%
38	19.316	2788	2793	2804	rBV2	924130	1276273	81.67%	7.387%
39	20.827	3047	3050	3055	rVB2	314777	371944	23.80%	2.153%
40	21.121	3096	3100	3111	rBV	1185930	1562652	100.00%	9.045%
41	23.151	3439	3445	3453	rVB	770265	1383147	88.51%	8.006%
42	23.286	3463	3468	3476	rVB	783384	1476217	94.47%	8.544%

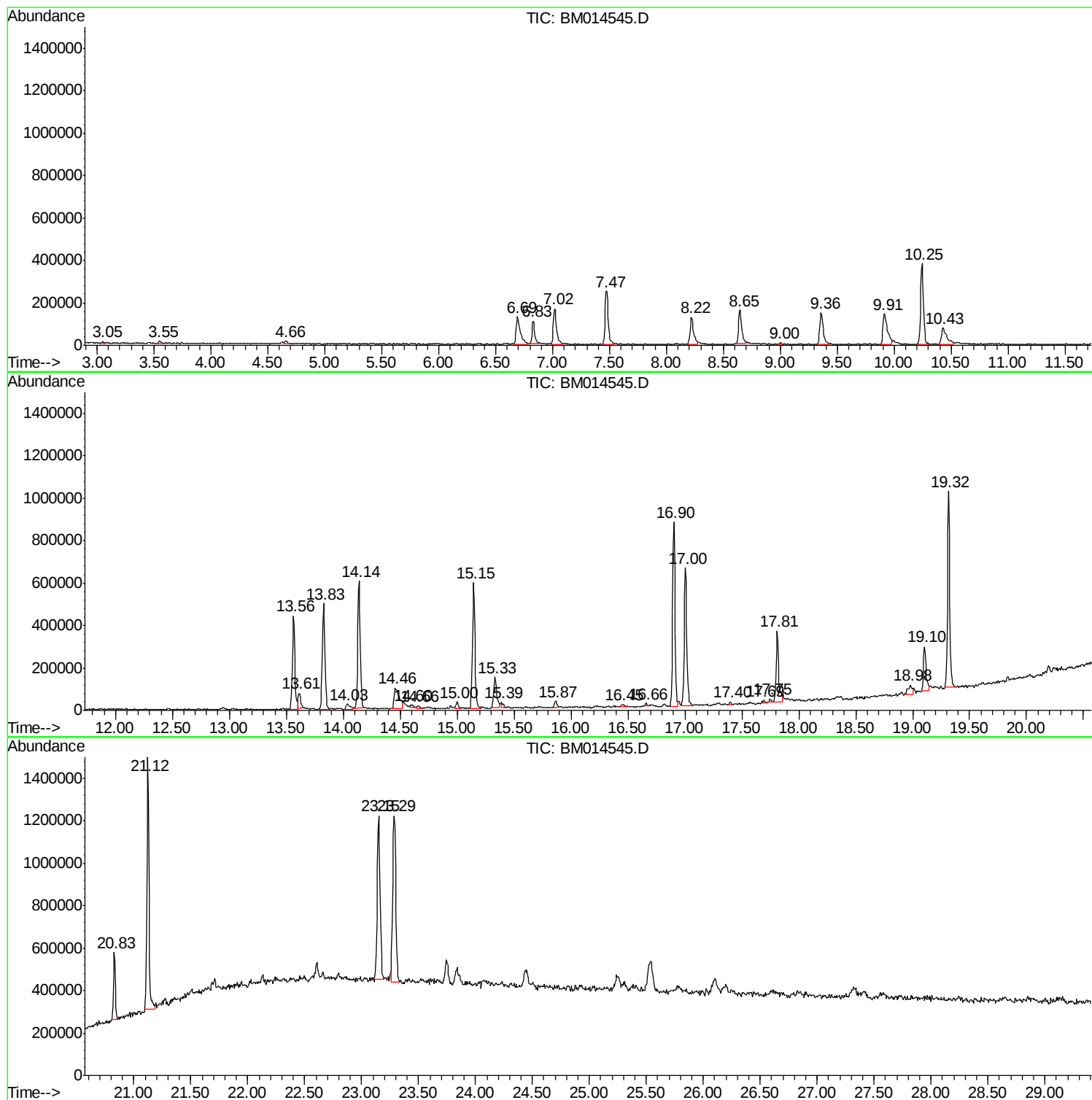
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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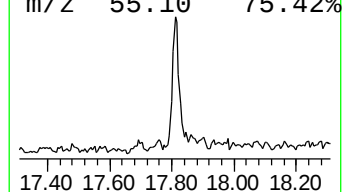
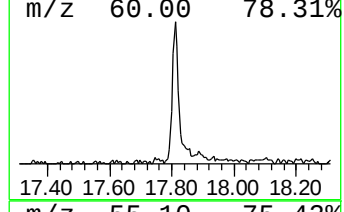
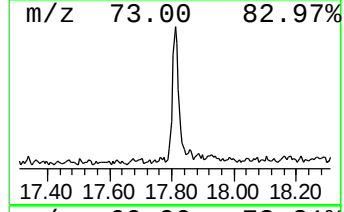
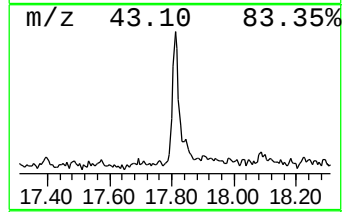
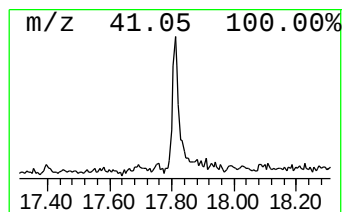
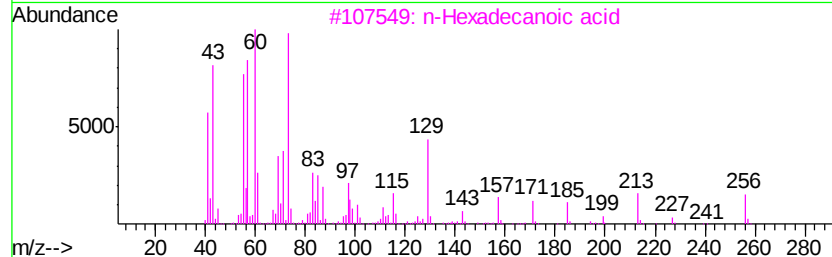
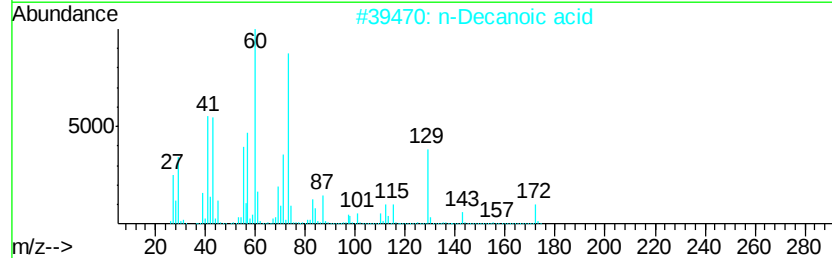
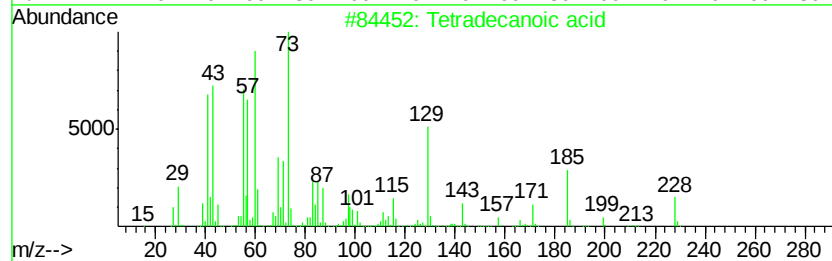
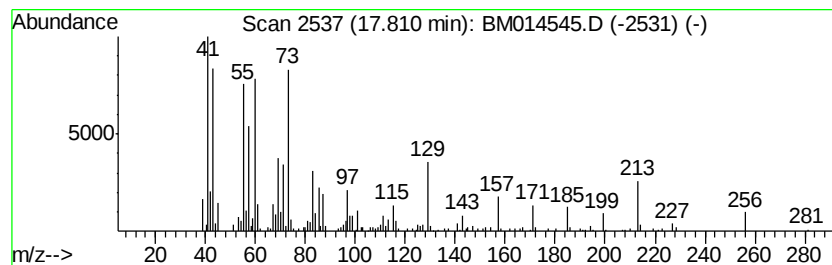
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Tetradecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD		R.T.
17.81	8.81 ng/ul	543720	Phenanthrene-d10		16.90
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Tetradecanoic acid	228	C14H28O2	000544-63-8	94
2	n-Decanoic acid	172	C10H20O2	000334-48-5	78
3	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	70
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	68
5	Tridecanoic acid	214	C13H26O2	000638-53-9	64



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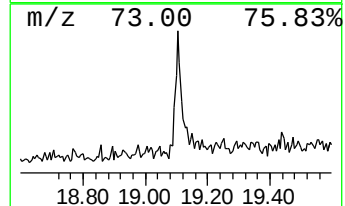
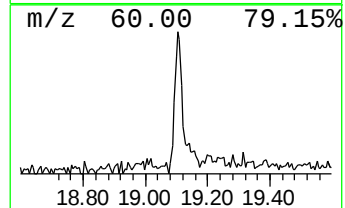
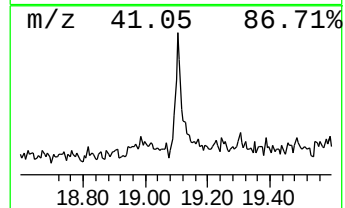
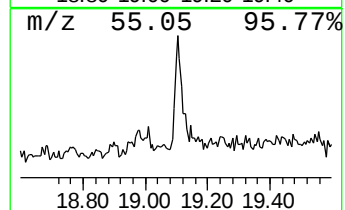
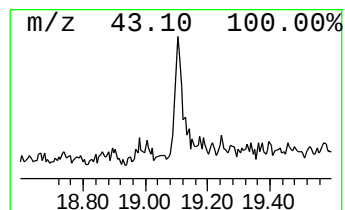
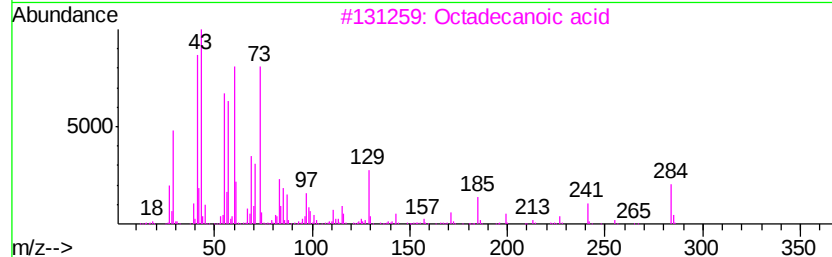
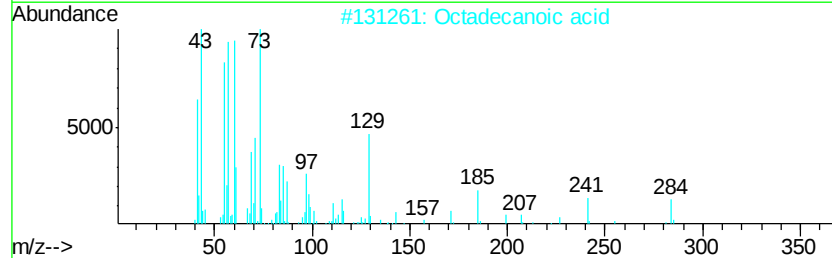
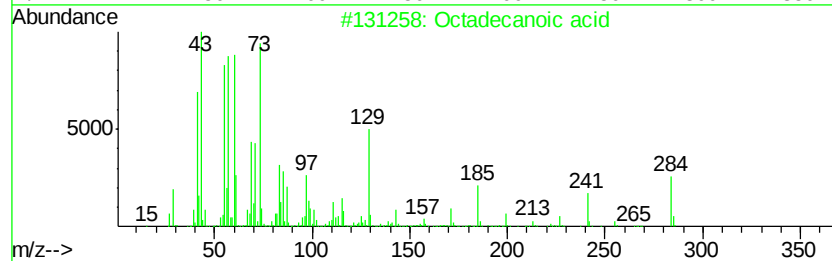
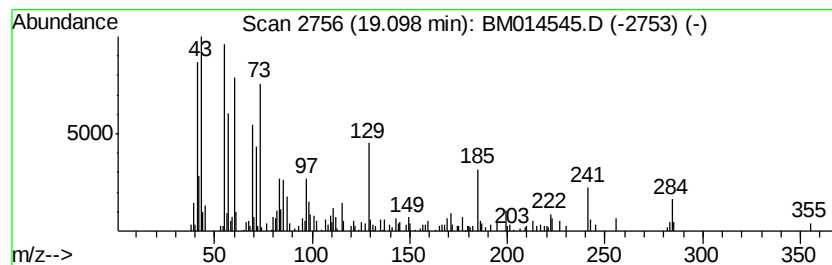
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.10	4.21 ng/ul	328603	Chrysene-d12	21.12

Hit#	of	5	Tentative ID	MW	MolForm	CAS#	Qual
1			Octadecanoic acid	284	C18H36O2	000057-11-4	99
2			Octadecanoic acid	284	C18H36O2	000057-11-4	98
3			Octadecanoic acid	284	C18H36O2	000057-11-4	94
4			Octadecanoic acid	284	C18H36O2	000057-11-4	93
5			Pentadecanoic acid	242	C15H30O2	001002-84-2	86



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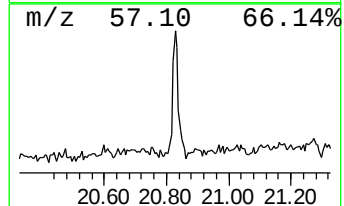
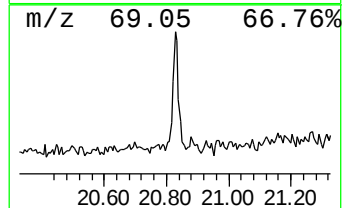
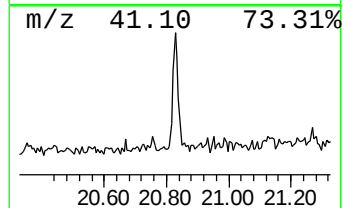
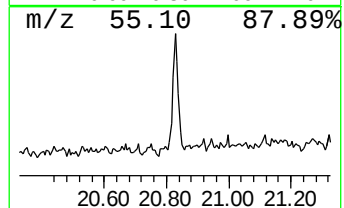
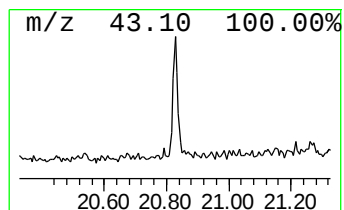
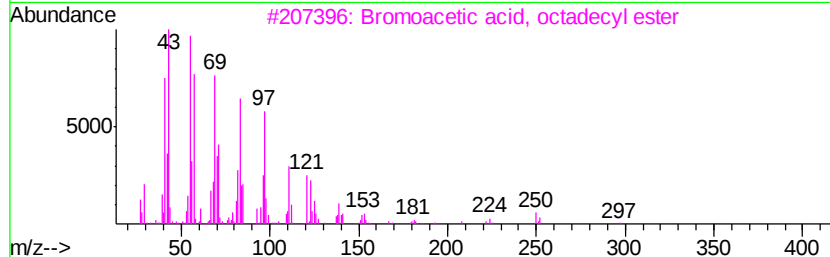
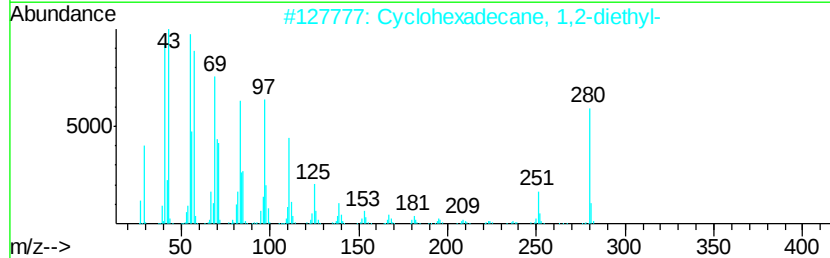
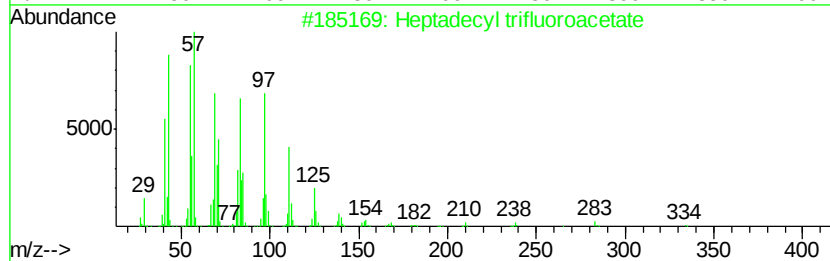
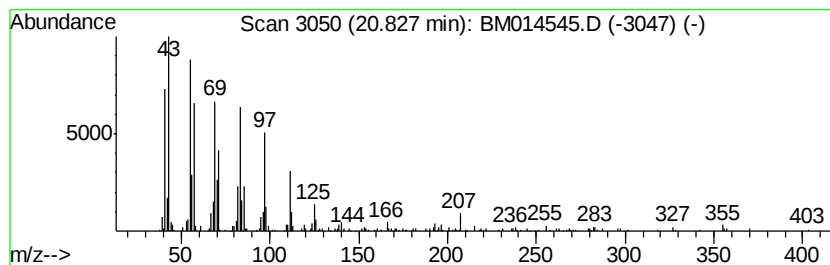
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Peak Number 3 Heptadecyl trifluoroacetate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
20.83	4.76 ng/ul	371944	Chrysene-d12	21.12		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Heptadecyl trifluoroacetate	352	C19H35F3O2	1000351-87-0	94
2		Cyclohexadecane, 1,2-diethyl-	280	C20H40	1000155-85-3	93
3		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	93
4		1-Docosanethiol	342	C22H46S	007773-83-3	93
5		1-Eicosene	280	C20H40	003452-07-1	93



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Tetradecanoic acid	17.81	8.8	ng/ul	543720	4	16.90	1234140	20.0
Octadecanoic acid	19.10	4.2	ng/ul	328603	5	21.12	1562650	20.0
Heptadecyl triflu...	20.83	4.8	ng/ul	371944	5	21.12	1562650	20.0