

Data Path : Z:\HPCHEM1\BNA M\DATA\BM112217\
 Data File : BM013094.D
 Acq On : 22 Nov 2017 20:19
 Operator : SJ/JU
 Sample : I6514-05
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC6

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-BM111617.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	3.251	23	28	35	rVB	103623	137290	2.84%	0.219%
2	3.963	145	149	157	rVB	76188	106461	2.20%	0.170%
3	6.887	640	646	658	rVB	1190563	2048832	42.37%	3.265%
4	7.051	664	674	682	rBV	936209	1441634	29.82%	2.298%
5	7.245	701	707	718	rBV	1279337	2023152	41.84%	3.224%
6	7.710	777	786	793	rBV	936423	1437225	29.73%	2.291%
7	7.775	793	797	804	rVB	54217	87375	1.81%	0.139%
8	8.422	900	907	914	rBV	1544158	2458159	50.84%	3.918%
9	8.863	975	982	991	rVB	1234653	2020172	41.78%	3.220%
10	9.286	1049	1054	1060	rVB2	36984	56146	1.16%	0.089%
11	9.580	1093	1104	1117	rBV	1078613	1770851	36.63%	2.822%
12	10.116	1188	1195	1205	rBV	1564990	2554000	52.82%	4.070%
13	10.492	1251	1259	1266	rBV	1221518	2002082	41.41%	3.191%
14	10.633	1274	1283	1298	rBV	1388516	2318275	47.95%	3.695%
15	13.180	1711	1716	1723	rVB2	43755	61149	1.26%	0.097%
16	13.768	1809	1816	1820	rBV	2574530	3422382	70.78%	5.454%
17	13.810	1820	1823	1833	rVB	234538	359102	7.43%	0.572%
18	14.045	1853	1863	1873	rVB	2746457	4170806	86.26%	6.647%
19	14.262	1895	1900	1905	rBV	136468	163521	3.38%	0.261%
20	14.351	1907	1915	1927	rBV2	1600904	2435226	50.37%	3.881%
21	14.562	1942	1951	1959	rBV	1032449	1565703	32.38%	2.495%
22	14.780	1982	1988	1992	rBV6	31590	60969	1.26%	0.097%
23	14.886	2002	2006	2014	rBV4	33765	98049	2.03%	0.156%
24	15.215	2058	2062	2067	rVB	150283	184481	3.82%	0.294%
25	15.345	2076	2084	2092	rVB	3443596	4707840	97.37%	7.503%
26	15.462	2097	2104	2111	rBV	966943	1316466	27.23%	2.098%
27	15.586	2120	2125	2128	rBV2	42981	74873	1.55%	0.119%
28	16.080	2204	2209	2217	rBV2	90825	133618	2.76%	0.213%
29	17.098	2374	2382	2388	rBV2	1817863	2593262	53.63%	4.133%
30	17.198	2392	2399	2407	rVB	3456177	4691428	97.03%	7.477%
31	18.003	2531	2536	2545	rBV2	576609	798481	16.51%	1.273%
32	19.127	2722	2727	2730	rBV	39331	61735	1.28%	0.098%
33	19.292	2750	2755	2762	rBV	476862	631465	13.06%	1.006%
34	19.380	2766	2770	2773	rVB2	38627	59241	1.23%	0.094%

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35	19.492	2783	2789	2797	rVB	3760615	4835031	100.00%	7.706%
36	20.609	2977	2979	2984	rVB3	38629	49487	1.02%	0.079%
37	21.003	3043	3046	3056	rVB3	214718	265361	5.49%	0.423%
38	21.280	3088	3093	3099	rBV	2128497	2614439	54.07%	4.167%
39	23.374	3441	3449	3455	rBV	2449049	4528683	93.66%	7.218%
40	23.509	3465	3472	3481	rVB	1242670	2400141	49.64%	3.825%

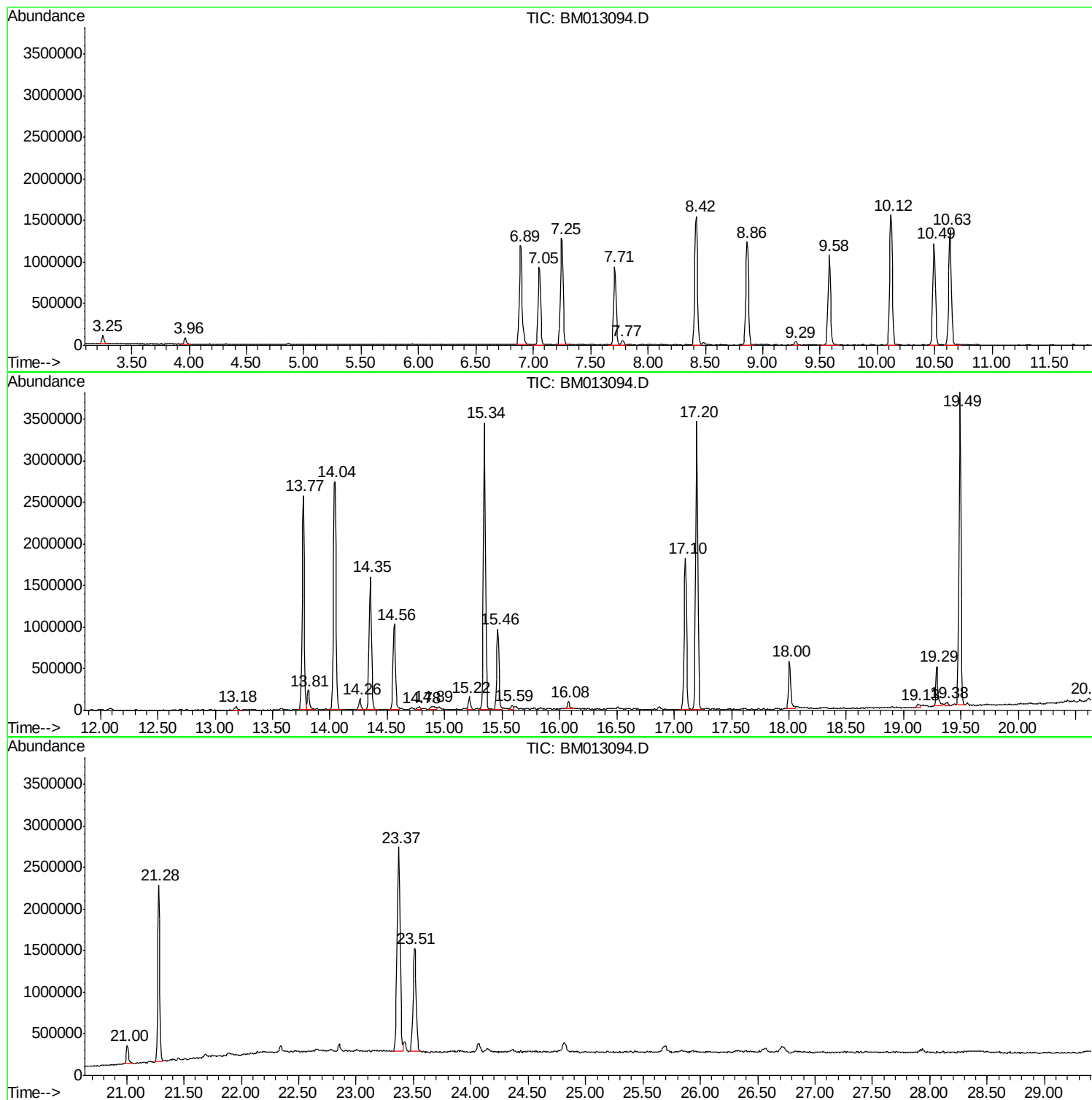
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111617.M
Quant Title : SVOA CALIBRATION

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



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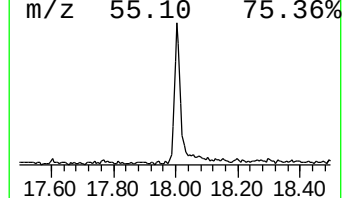
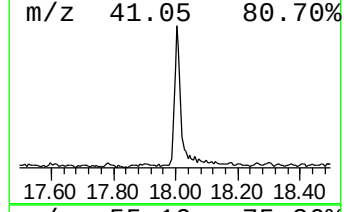
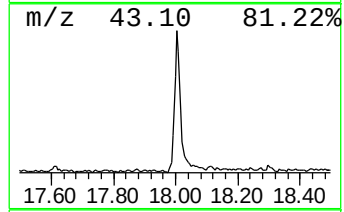
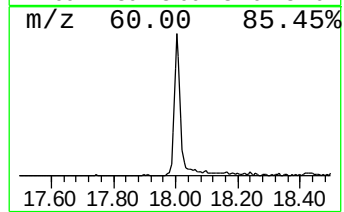
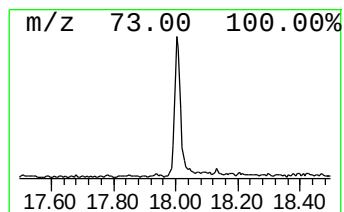
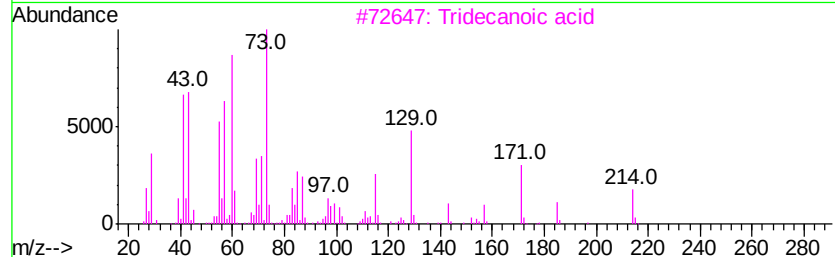
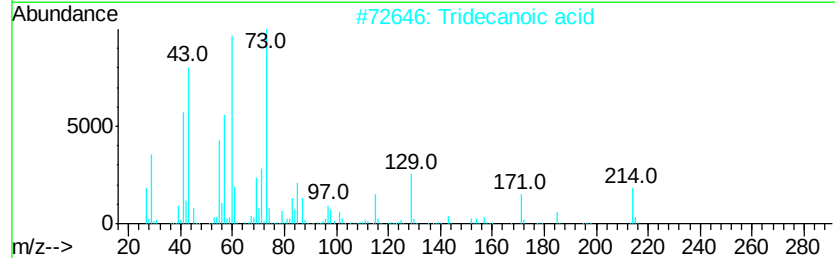
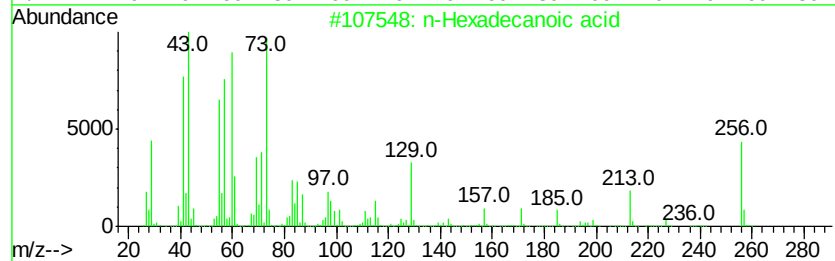
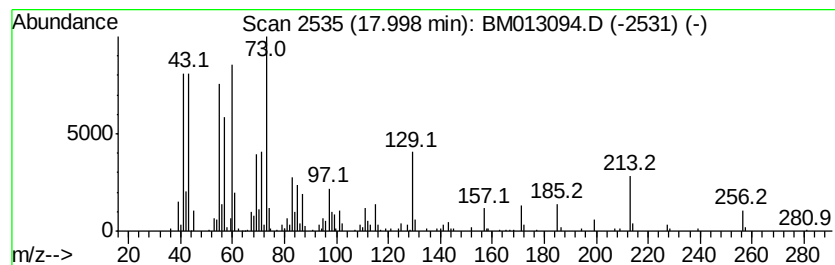
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Peak Number 1 n-Hexadecanoic acid Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
18.00	6.16 ng/ul	798481	Phenanthrene-d10	17.10		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	94	
2	Tridecanoic acid	214	C13H26O2	000638-53-9	91	
3	Tridecanoic acid	214	C13H26O2	000638-53-9	83	
4	Pentadecanoic acid	242	C15H30O2	001002-84-2	83	
5	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	76	



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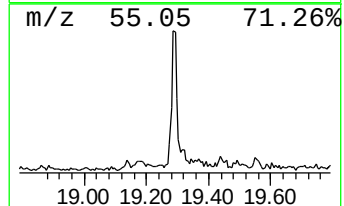
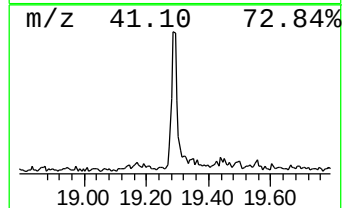
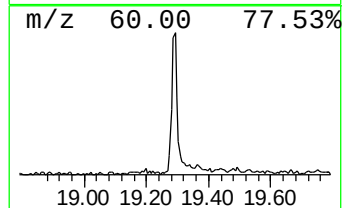
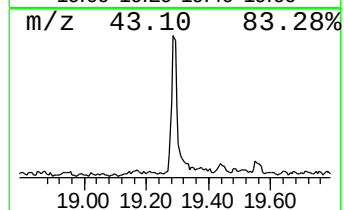
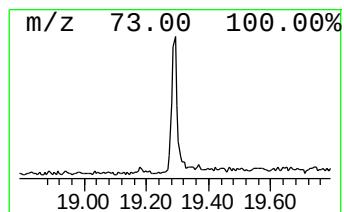
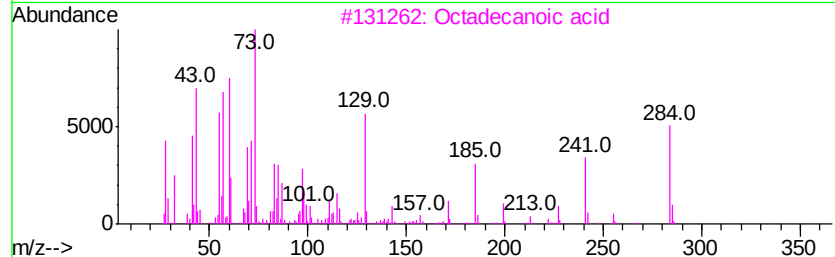
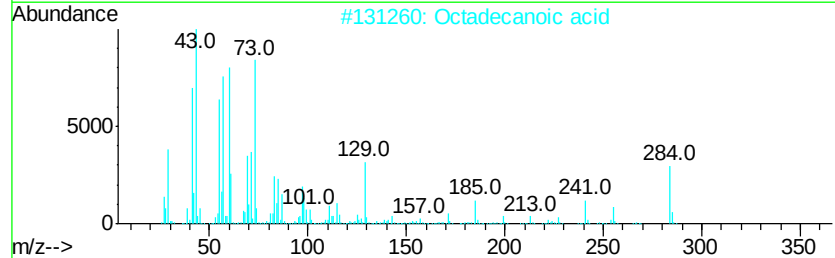
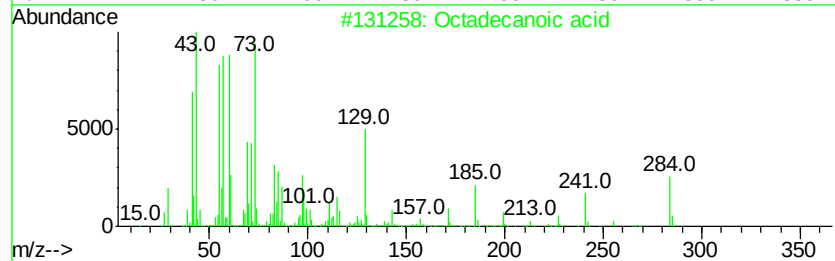
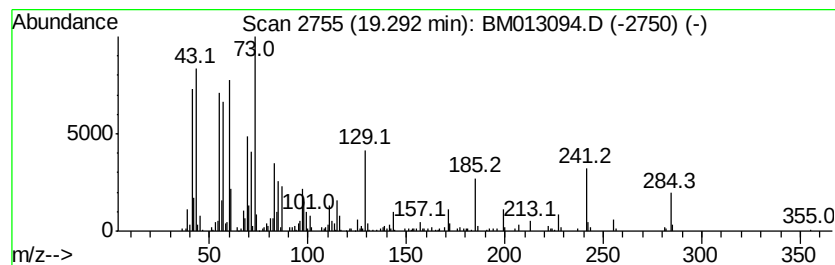
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Peak Number 2 Octadecanoic acid Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.29	4.83 ng/ul	631465	Chrysene-d12	21.28

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	98
3		Octadecanoic acid	284	C18H36O2	000057-11-4	97
4		Pentadecanoic acid	242	C15H30O2	001002-84-2	93
5		Octadecanoic acid	284	C18H36O2	000057-11-4	90



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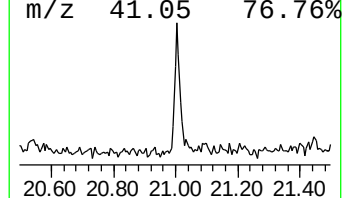
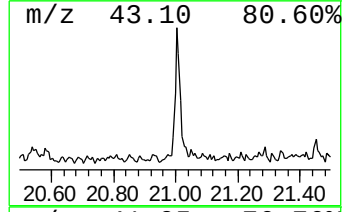
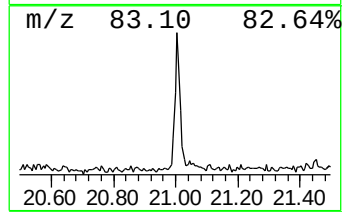
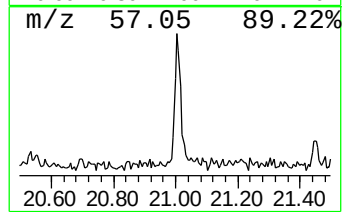
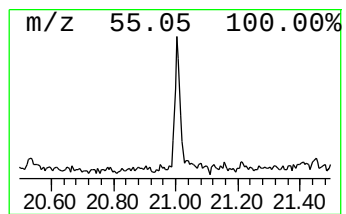
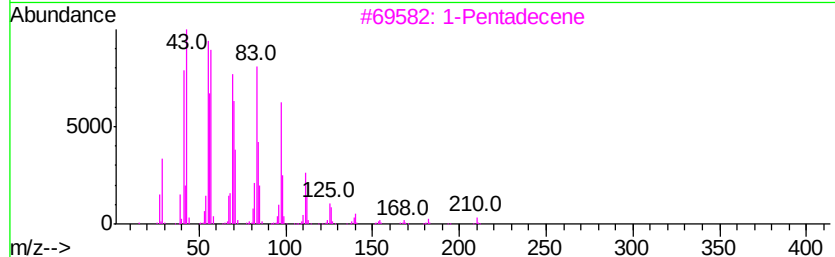
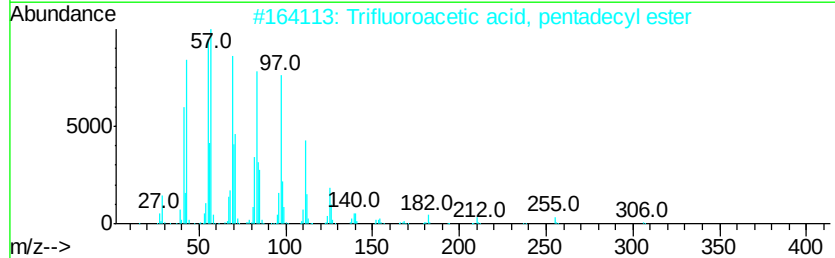
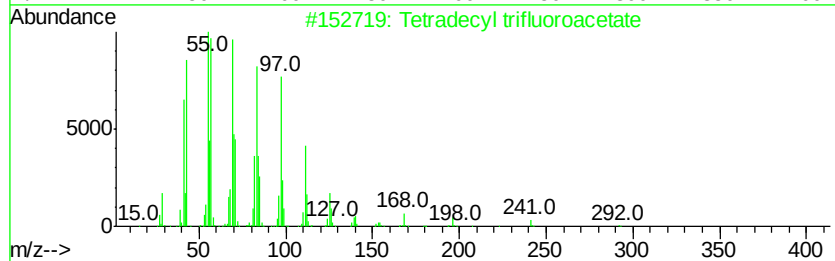
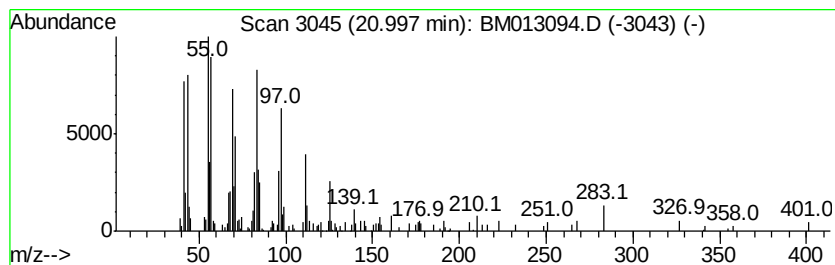
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Peak Number 3 Tetradecyl trifluoroacetate Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
21.00	2.03 ng/ul	265361	Chrysene-d12	21.28

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Tetradecyl trifluoroacetate	310	C16H29F3O2	006222-02-2	93
2		Trifluoroacetic acid, pentadecyl...	324	C17H31F3O2	959010-23-2	93
3		1-Pentadecene	210	C15H30	013360-61-7	90
4		Bromoacetic acid, octadecyl ester	390	C20H39BrO2	018992-03-5	87
5		11-Tricosene	322	C23H46	052078-56-5	76



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	18.00	6.2	ng/ul	798481	4	17.10	2593260	20.0
Octadecanoic acid	19.29	4.8	ng/ul	631465	5	21.28	2614440	20.0
Tetradecyl triflu...	21.00	2.0	ng/ul	265361	5	21.28	2614440	20.0