

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013358.D
 Acq On : 13 Dec 2017 02:33
 Operator : SJ/JU
 Sample : I6776-15
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A44

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-BM113017.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	6.863	636	642	652	rVB2	406839	761243	15.09%	1.639%
2	7.028	664	670	679	rVB	293054	471745	9.35%	1.016%
3	7.222	696	703	714	rBV	413113	688054	13.64%	1.482%
4	7.687	775	782	788	rBV	483892	787700	15.62%	1.696%
5	8.393	895	902	913	rVB	507360	839637	16.65%	1.808%
6	8.840	971	978	989	rVB	419180	726287	14.40%	1.564%
7	9.551	1090	1099	1109	rBV	360374	624271	12.38%	1.344%
8	10.092	1184	1191	1201	rBV	546329	952035	18.88%	2.050%
9	10.463	1246	1254	1259	rBV	728966	1211514	24.02%	2.609%
10	10.510	1259	1262	1270	rVB	121137	191608	3.80%	0.413%
11	10.604	1271	1278	1293	rBV	473117	874536	17.34%	1.883%
12	13.739	1805	1811	1816	rBV	1185475	1616619	32.06%	3.481%
13	13.786	1816	1819	1827	rVB	199162	284337	5.64%	0.612%
14	14.016	1850	1858	1870	rBV	1284936	2117812	41.99%	4.561%
15	14.233	1890	1895	1900	rVB2	58629	79028	1.57%	0.170%
16	14.327	1902	1911	1918	rVV2	1161697	1835296	36.39%	3.952%
17	14.392	1918	1922	1928	rVB	56431	85185	1.69%	0.183%
18	14.539	1940	1947	1959	rBV	589827	1021099	20.25%	2.199%
19	15.186	2054	2057	2063	rVB3	64900	84966	1.68%	0.183%
20	15.321	2074	2080	2086	rBV	1697801	2452908	48.64%	5.282%
21	15.380	2086	2090	2095	rVV2	41655	62867	1.25%	0.135%
22	15.451	2096	2102	2113	rVB	562401	812833	16.12%	1.750%
23	16.057	2198	2205	2212	rBV4	85718	168112	3.33%	0.362%
24	16.727	2313	2319	2327	rBV	840051	1255964	24.90%	2.705%
25	16.845	2335	2339	2343	rBV4	39922	57430	1.14%	0.124%
26	17.074	2372	2378	2383	rBV2	1683839	2428937	48.16%	5.231%
27	17.116	2383	2385	2389	rVB	113062	137211	2.72%	0.295%
28	17.174	2389	2395	2400	rBV	2324396	3309750	65.63%	7.128%
29	17.751	2489	2493	2500	rVB7	39571	70629	1.40%	0.152%
30	17.921	2517	2522	2525	rBV4	73995	114862	2.28%	0.247%
31	17.980	2527	2532	2538	rBV	456969	618254	12.26%	1.331%
32	19.109	2720	2724	2725	rBV2	45041	56296	1.12%	0.121%
33	19.139	2725	2729	2732	rVB	104476	140240	2.78%	0.302%
34	19.268	2746	2751	2758	rBV3	317453	537156	10.65%	1.157%

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35	19.474	2780	2786	2794	rBV	3184955	4555705	90.33%	9.811%
36	20.986	3039	3043	3049	rBV	478317	596301	11.82%	1.284%
37	21.268	3085	3091	3101	rBV	2662712	3573224	70.85%	7.695%
38	21.862	3189	3192	3201	rBV7	100335	264633	5.25%	0.570%
39	22.821	3351	3355	3361	rBV2	377326	668931	13.26%	1.441%
40	22.992	3380	3384	3392	rVB2	161004	310512	6.16%	0.669%
41	23.303	3433	3437	3439	rBV	199323	308876	6.12%	0.665%
42	23.356	3440	3446	3459	rVB2	2482316	5043193	100.00%	10.861%
43	23.492	3463	3469	3476	rBV	1544497	2828478	56.09%	6.091%
44	26.409	3959	3965	3974	rVB3	293239	808836	16.04%	1.742%

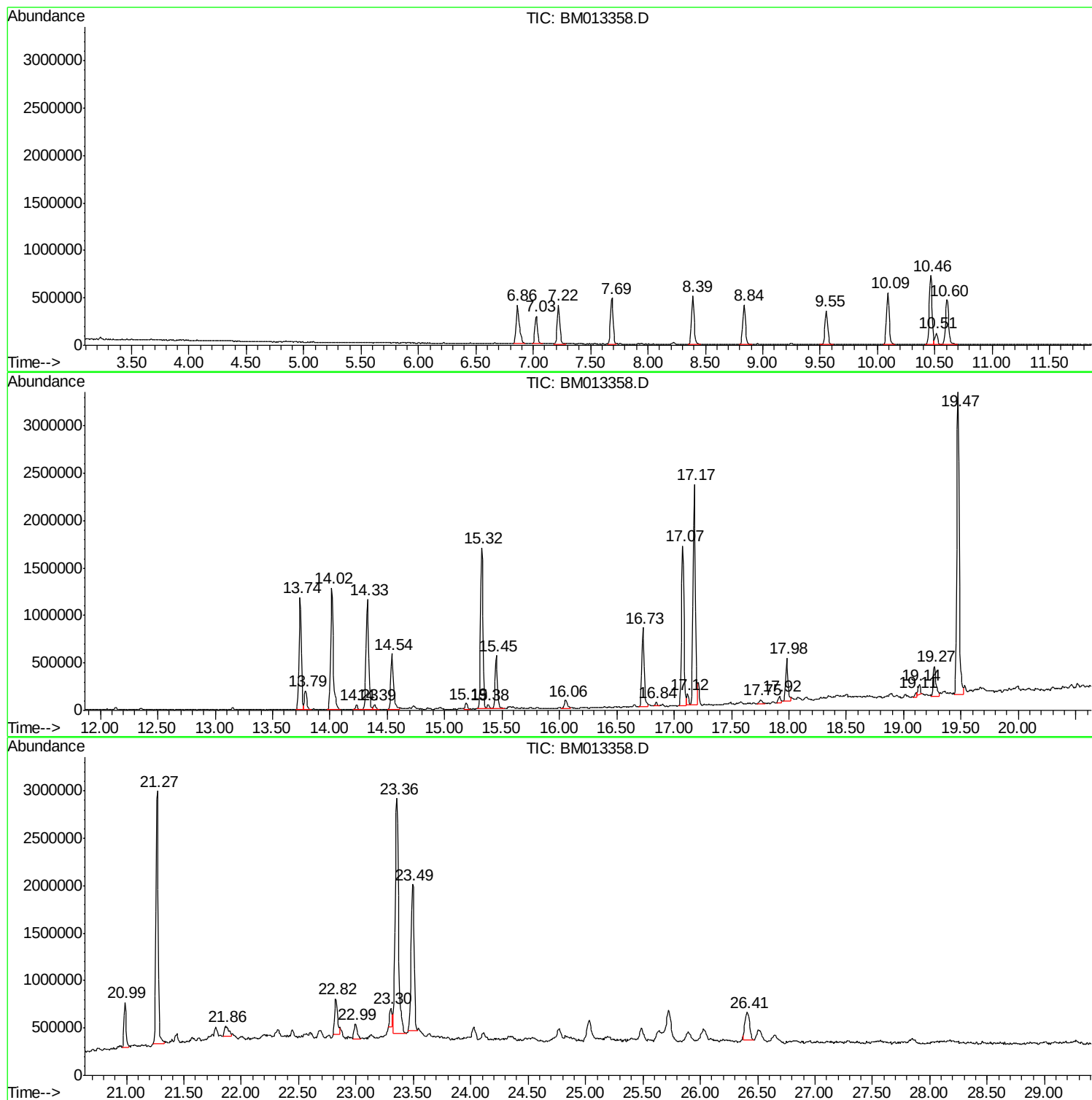
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
Quant Title : SVOA CALIBRATION

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



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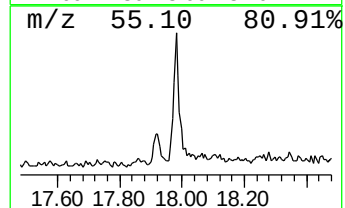
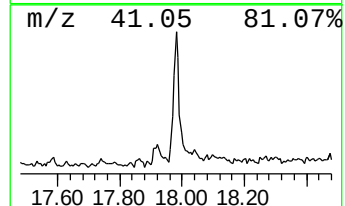
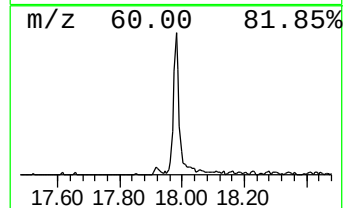
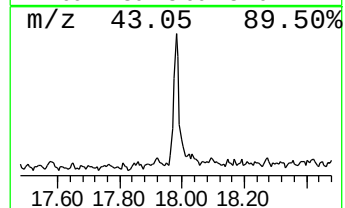
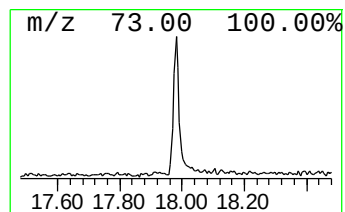
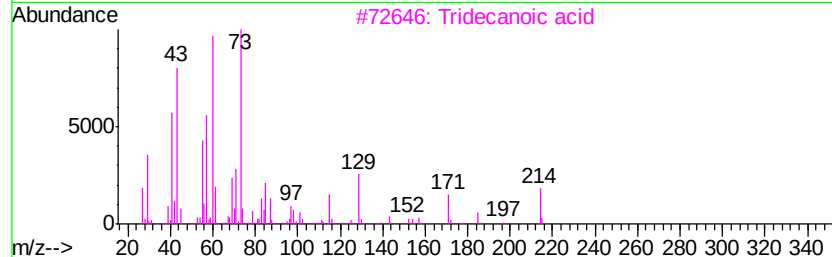
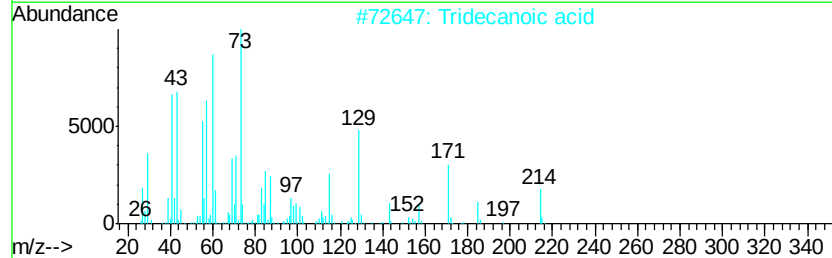
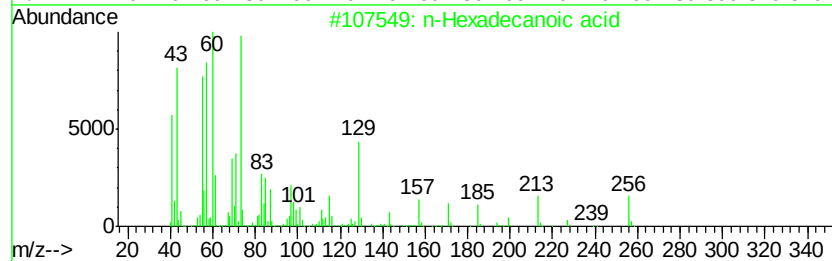
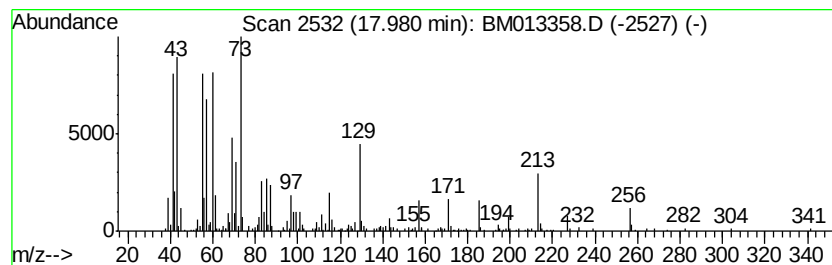
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Quant Title : SVOA CALIBRATION

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.
17.98	5.09 ng/ul	618254	Phenanthrene-d10		17.07
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	n-Hexadecanoic acid	256	C16H32O2	000057-10-3	98
2	Tridecanoic acid	214	C13H26O2	000638-53-9	95
3	Tridecanoic acid	214	C13H26O2	000638-53-9	95
4	Tetradecanoic acid	228	C14H28O2	000544-63-8	90
5	Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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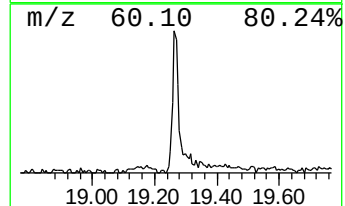
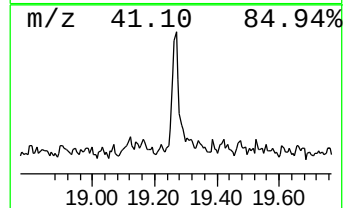
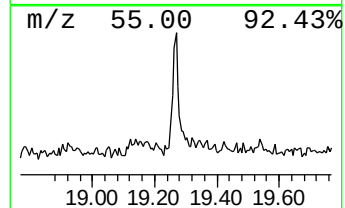
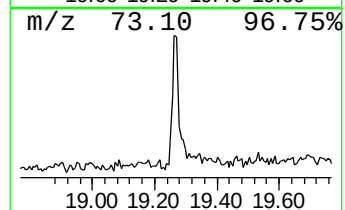
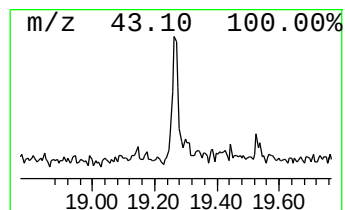
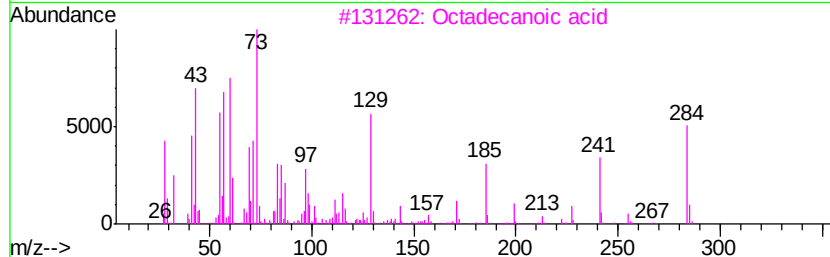
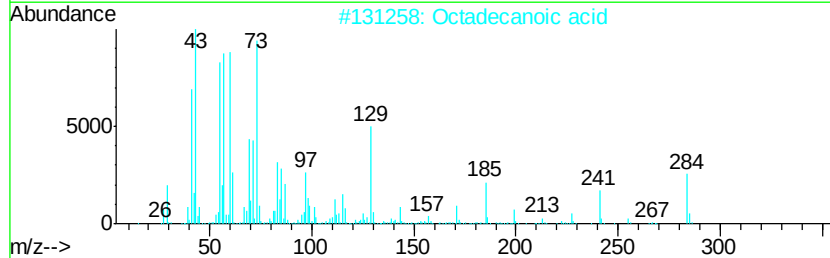
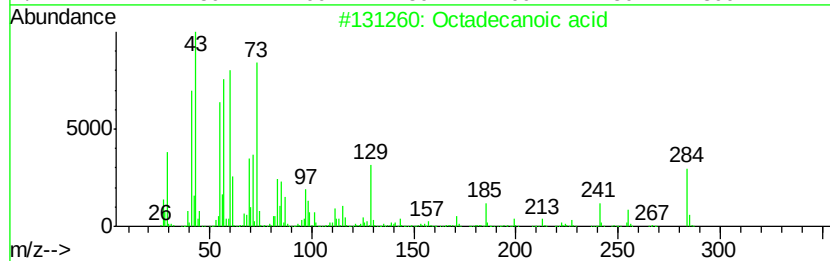
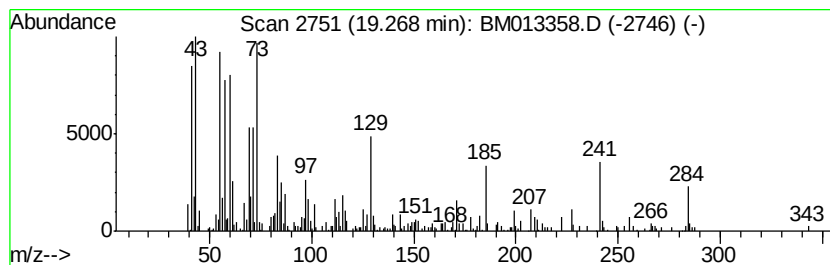
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Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Octadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.27	3.01 ng/ul	537156	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Octadecanoic acid	284	C18H36O2	000057-11-4	97
2		Octadecanoic acid	284	C18H36O2	000057-11-4	95
3		Octadecanoic acid	284	C18H36O2	000057-11-4	93
4		Octadecanoic acid	284	C18H36O2	000057-11-4	87
5		Octadecanoic acid	284	C18H36O2	000057-11-4	70



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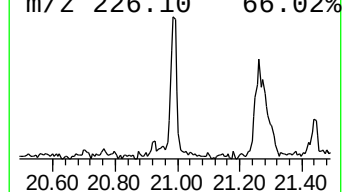
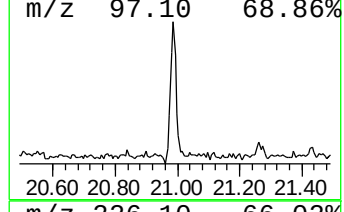
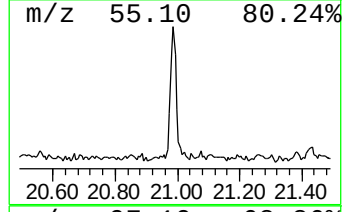
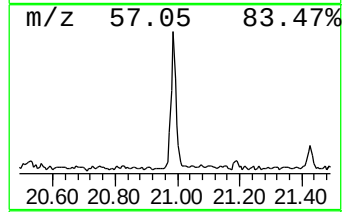
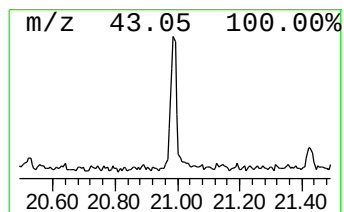
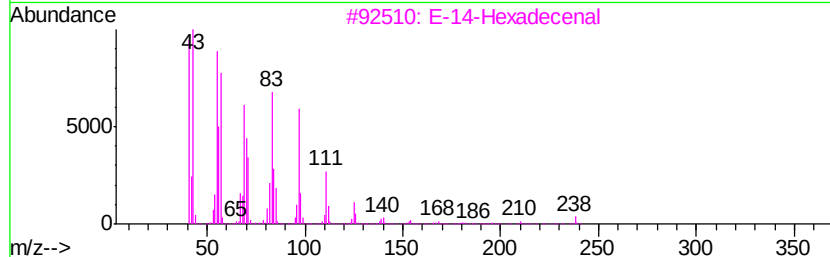
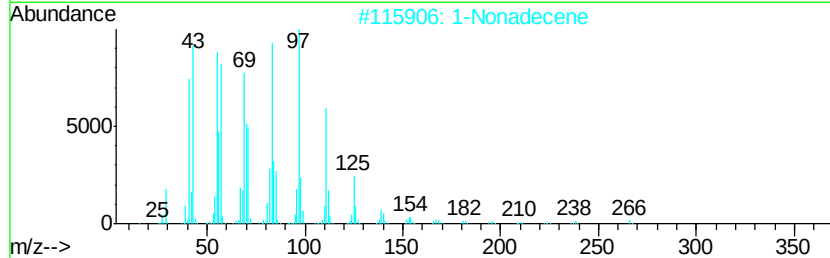
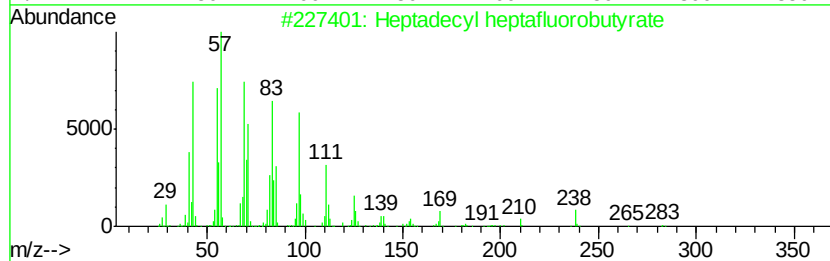
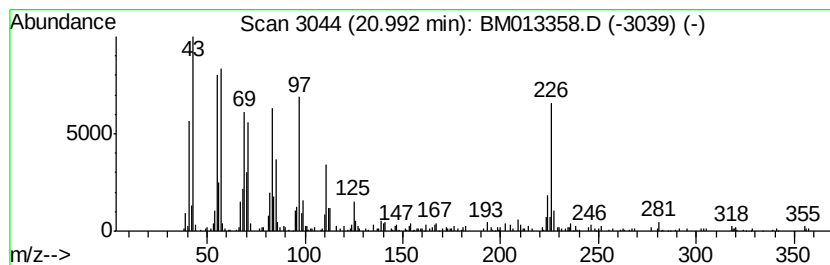
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Heptadecyl heptafluorobutyrate Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	3.34 ng/ul	596301	Chrysene-d12	21.27

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Heptadecyl heptafluorobutyrate	452	C21H35F7O2	959085-66-6	90
2		1-Nonadecene	266	C19H38	018435-45-5	89
3		E-14-Hexadecenal	238	C16H30O	330207-53-9	89
4		1-Heptadecene	238	C17H34	006765-39-5	86
5		Trichloroacetic acid, hexadecyl ...	386	C18H33Cl3O2	074339-54-1	81



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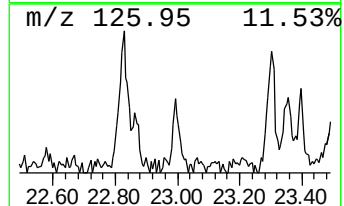
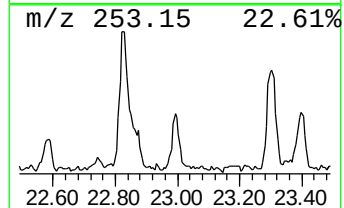
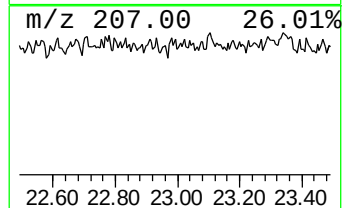
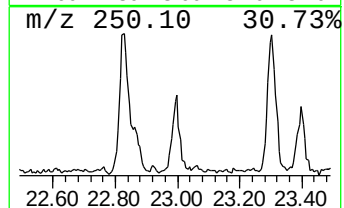
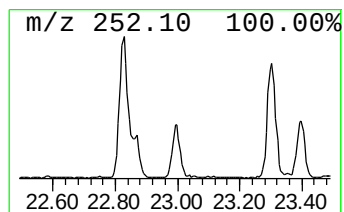
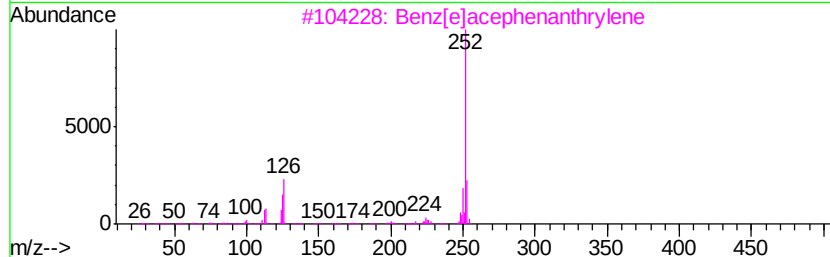
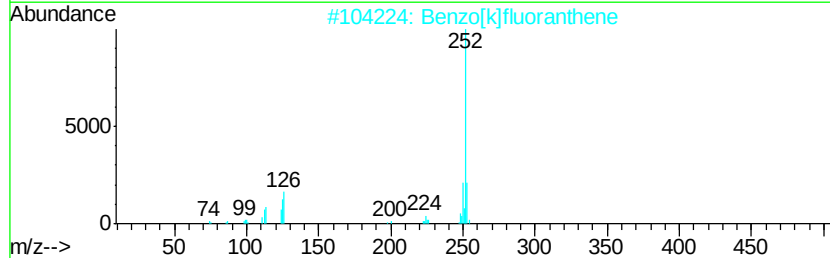
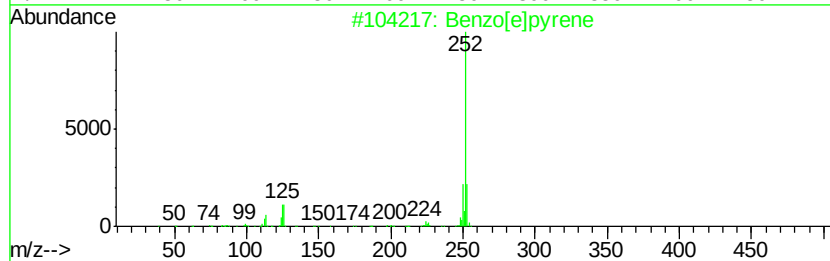
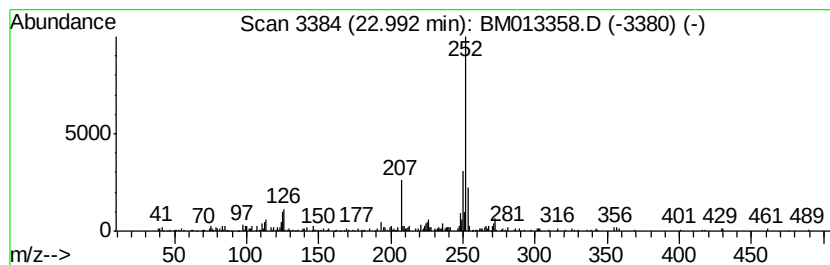
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Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
22.99	2.20 ng/ul	310512	Perylene-d12	23.50
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzo[e]pyrene	252 C20H12	000192-97-2	91
2	Benzo[k]fluoranthene	252 C20H12	000207-08-9	90
3	Benzo[e]acephenanthrylene	252 C20H12	000205-99-2	78
4	Benzo[a]pyrene	252 C20H12	000050-32-8	78
5	Benz[e]acephenanthrylene	252 C20H12	000205-99-2	70



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	5.1	ng/ul	618254	4	17.07	2428940	20.0
Octadecanoic acid	19.27	3.0	ng/ul	537156	5	21.27	3573220	20.0
Heptadecyl heptaf...	20.99	3.3	ng/ul	596301	5	21.27	3573220	20.0
Benzo[e]pyrene	22.99	2.2	ng/ul	310512	6	23.50	2828480	20.0