

Data Path : Z:\HPCHEM1\BNA M\DATA\BM121217\
 Data File : BM013355.D
 Acq On : 13 Dec 2017 00:47
 Operator : SJ/JU
 Sample : I6776-09
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9A61

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	3.734	106	110	116	rBV3	35566	51219	1.12%	0.095%
2	6.863	636	642	654	rBV2	497243	911680	19.93%	1.695%
3	7.028	663	670	678	rBV	367455	566529	12.39%	1.053%
4	7.222	696	703	712	rBV	501174	789710	17.26%	1.468%
5	7.686	773	782	790	rBV	509688	808496	17.68%	1.503%
6	8.392	896	902	912	rVB	585230	923273	20.18%	1.717%
7	8.839	971	978	985	rBV	515174	841104	18.39%	1.564%
8	9.557	1093	1100	1106	rBV	420501	724691	15.84%	1.348%
9	10.092	1184	1191	1201	rBV	642842	1118691	24.46%	2.080%
10	10.463	1247	1254	1260	rBV	708839	1205916	26.36%	2.242%
11	10.604	1270	1278	1289	rBV	487464	915539	20.02%	1.702%
12	13.739	1805	1811	1816	rBV	1287230	1808631	39.54%	3.363%
13	13.786	1816	1819	1827	rVB	270365	383336	8.38%	0.713%
14	14.015	1851	1858	1870	rVB	1432193	2388382	52.21%	4.441%
15	14.233	1891	1895	1899	rBV2	66485	82060	1.79%	0.153%
16	14.327	1901	1911	1920	rBV2	1157844	1761063	38.50%	3.275%
17	14.539	1941	1947	1960	rBV	530778	928760	20.30%	1.727%
18	15.192	2054	2058	2065	rBV2	77927	104591	2.29%	0.194%
19	15.321	2074	2080	2087	rBV	1862427	2664626	58.25%	4.955%
20	15.451	2097	2102	2109	rVV	511409	702958	15.37%	1.307%
21	15.568	2118	2122	2125	rBV5	28237	51867	1.13%	0.096%
22	16.051	2198	2204	2212	rBV4	79088	142360	3.11%	0.265%
23	16.733	2315	2320	2325	rVB7	33923	46668	1.02%	0.087%
24	17.074	2372	2378	2383	rBV2	1642340	2423454	52.98%	4.506%
25	17.115	2383	2385	2389	rVB	185056	206849	4.52%	0.385%
26	17.174	2389	2395	2400	rBV	2231572	3090211	67.56%	5.746%
27	17.486	2441	2448	2451	rBV	43487	75667	1.65%	0.141%
28	17.980	2523	2532	2541	rBV3	313710	535352	11.70%	0.995%
29	18.080	2545	2549	2552	rVB3	39093	52860	1.16%	0.098%
30	18.145	2552	2560	2565	rBV5	59293	121688	2.66%	0.226%
31	18.492	2617	2619	2625	rVB4	53724	75859	1.66%	0.141%
32	18.880	2679	2685	2690	rBV5	46261	103736	2.27%	0.193%
33	19.015	2704	2708	2716	rBV2	63301	131451	2.87%	0.244%
34	19.139	2720	2729	2734	rBV	787407	1106602	24.19%	2.058%

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35	19.203	2736	2740	2743	rBV5	46246	57572	1.26%	0.107%
36	19.262	2743	2750	2759	rBV4	170779	337517	7.38%	0.628%
37	19.350	2759	2765	2766	rBV6	36877	60091	1.31%	0.112%
38	19.474	2780	2786	2789	rBV	3148535	4377183	95.69%	8.139%
39	19.574	2800	2803	2810	rVB5	60161	90209	1.97%	0.168%
40	19.680	2818	2821	2827	rVB2	52240	77678	1.70%	0.144%
41	19.745	2828	2832	2837	rVB5	35517	51951	1.14%	0.097%
42	19.833	2841	2847	2852	rBV5	100817	259186	5.67%	0.482%
43	19.921	2858	2862	2865	rBV2	75059	86655	1.89%	0.161%
44	19.968	2865	2870	2871	rBV5	96436	147927	3.23%	0.275%
45	20.103	2890	2893	2895	rVB3	46525	49604	1.08%	0.092%
46	20.156	2896	2902	2906	rVV2	148342	253524	5.54%	0.471%
47	20.297	2922	2926	2930	rBV	120913	178631	3.91%	0.332%
48	20.344	2930	2934	2939	rVB4	70575	126027	2.76%	0.234%
49	20.462	2948	2954	2959	rVB	141809	228409	4.99%	0.425%
50	20.750	2999	3003	3008	rBV	187060	261806	5.72%	0.487%
51	20.915	3027	3031	3034	rVB3	120589	156557	3.42%	0.291%
52	20.950	3034	3037	3039	rVV	126719	143282	3.13%	0.266%
53	20.986	3039	3043	3049	rVV3	877598	1153196	25.21%	2.144%
54	21.044	3049	3053	3063	rVB2	175511	300572	6.57%	0.559%
55	21.268	3084	3091	3095	rBV2	2857698	4574163	100.00%	8.506%
56	21.303	3095	3097	3105	rVB	671850	790532	17.28%	1.470%
57	21.433	3114	3119	3123	rBV4	90350	191056	4.18%	0.355%
58	21.815	3181	3184	3188	rVB2	160480	212737	4.65%	0.396%
59	21.868	3190	3193	3200	rVB3	155710	237115	5.18%	0.441%
60	22.827	3350	3356	3361	rBV	1067601	2259259	49.39%	4.201%
61	22.997	3381	3385	3391	rVB	212200	346780	7.58%	0.645%
62	23.303	3431	3437	3440	rBV	520051	926794	20.26%	1.723%
63	23.356	3440	3446	3450	rBV2	2024031	3491887	76.34%	6.493%
64	23.491	3463	3469	3476	rBV	1595036	3085428	67.45%	5.737%
65	24.027	3557	3560	3568	rVB6	165841	291007	6.36%	0.541%
66	24.109	3572	3574	3579	rVB6	128192	195639	4.28%	0.364%
67	24.768	3682	3686	3691	rVB4	124472	227727	4.98%	0.423%
68	25.721	3842	3848	3859	rVB	268156	703772	15.39%	1.309%

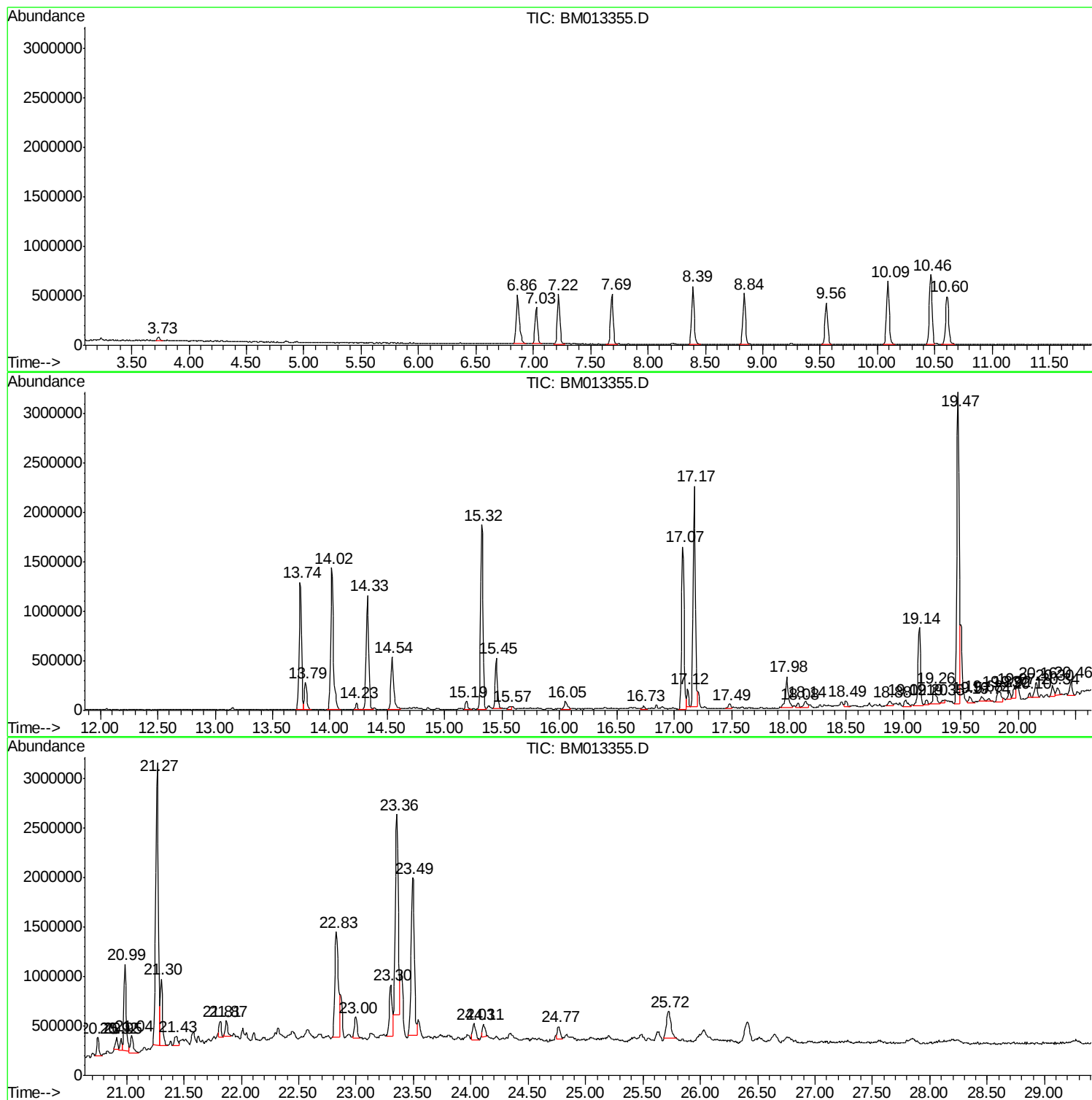
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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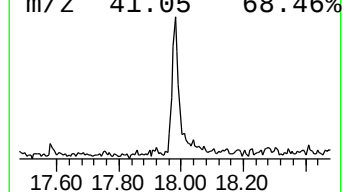
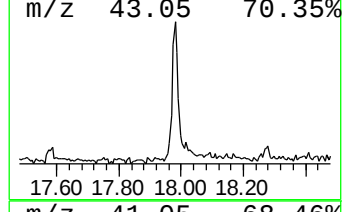
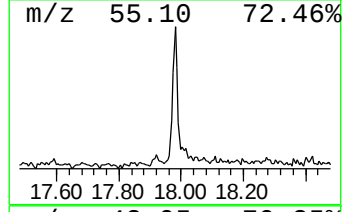
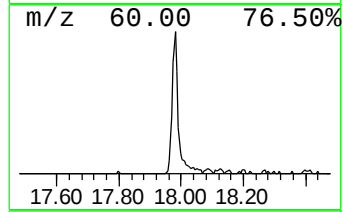
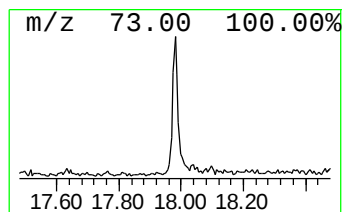
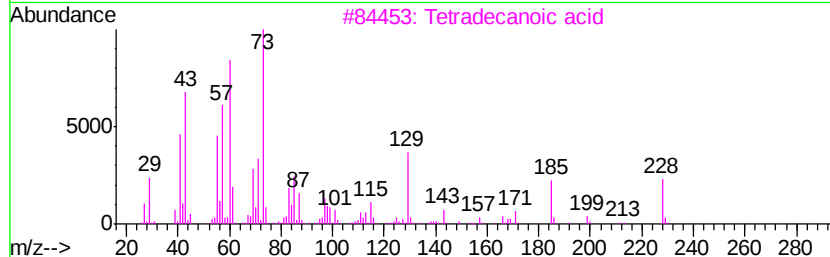
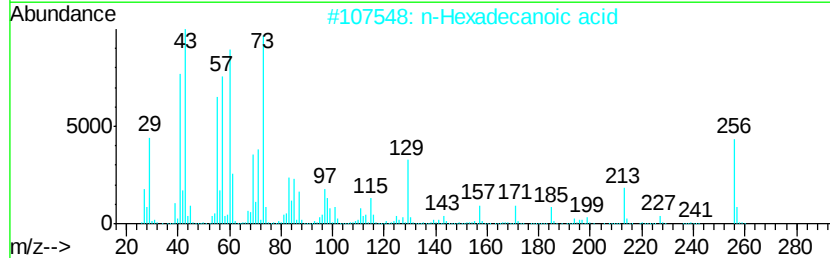
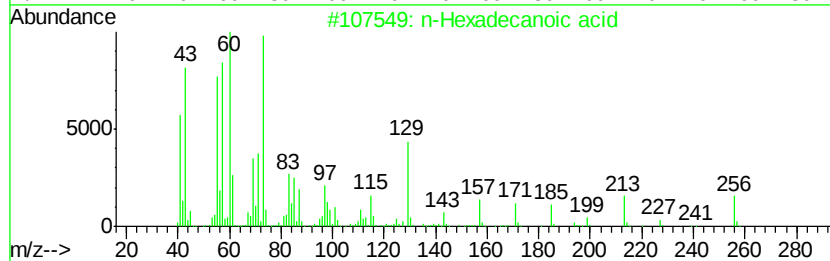
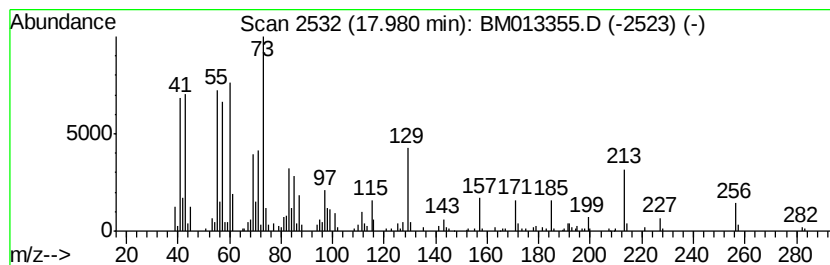
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.98	4.42 ng/ul	535352	Phenanthrene-d10	17.07		
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	95
3		Tetradecanoic acid	228	C14H28O2	000544-63-8	91
4		Tridecanoic acid	214	C13H26O2	000638-53-9	89
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	83



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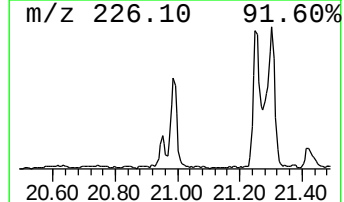
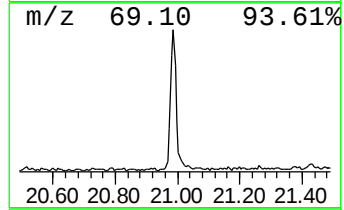
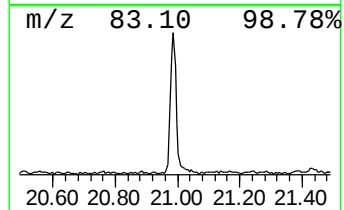
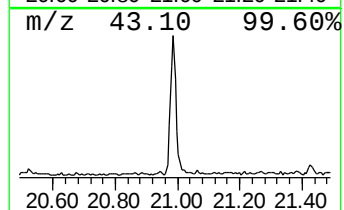
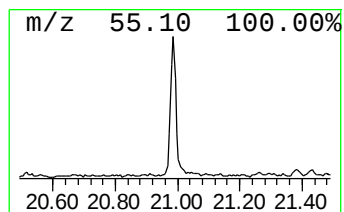
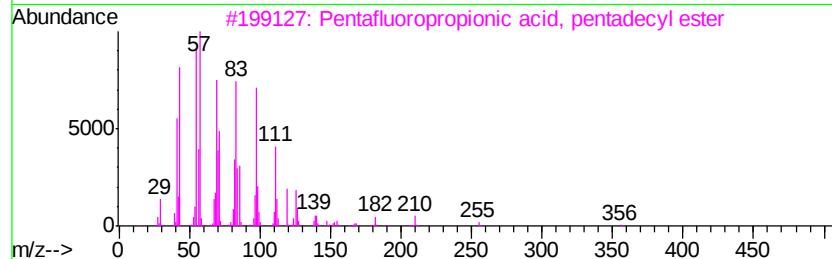
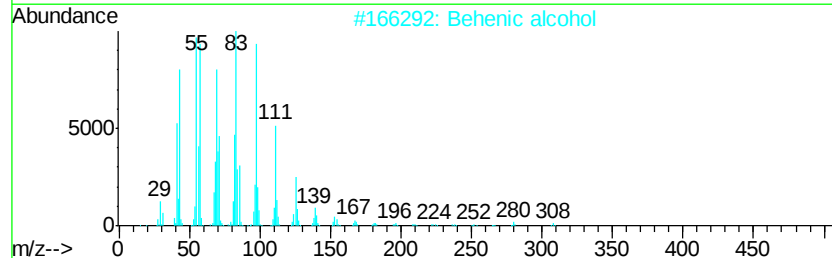
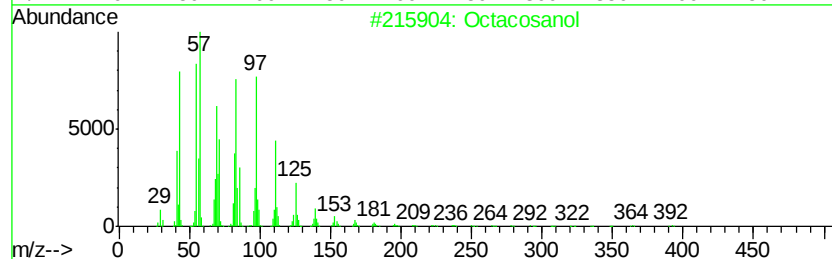
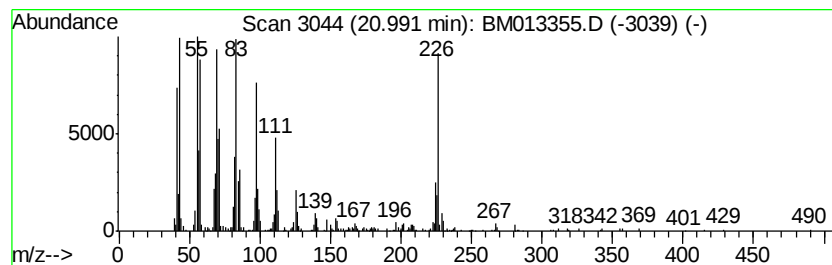
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Peak Number 2 Octacosanol Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.99	5.04 ng/ul	1153200	Chrysene-d12	21.27
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Octacosanol	410 C28H58O	000557-61-9 91
2		Behenic alcohol	326 C22H46O	000661-19-8 91
3		Pentafluoropropionic acid, penta...	374 C18H31F5O2	959092-08-1 91
4		Trifluoroacetoxy hexadecane	338 C18H33F3O2	006222-03-3 91
5		Heptafluorobutyric acid, n-tetra...	410 C18H29F7O2	007365-36-8 91



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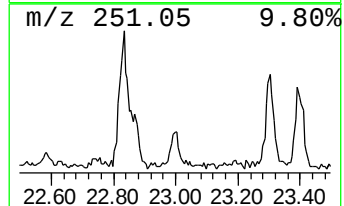
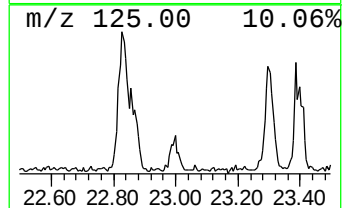
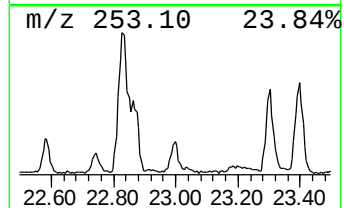
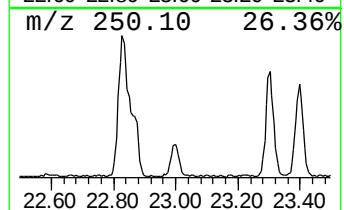
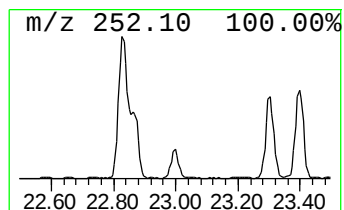
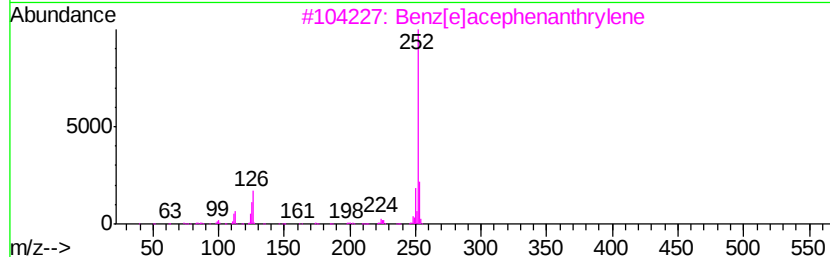
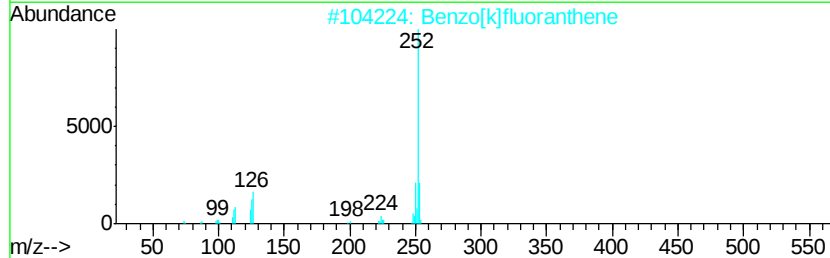
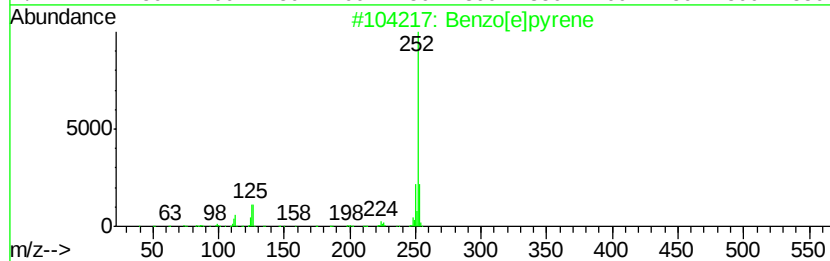
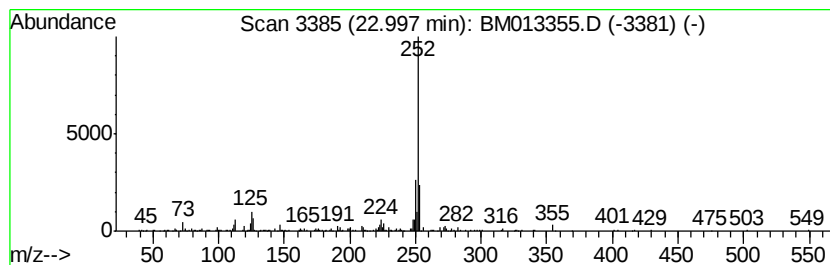
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Peak Number 3 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.00	2.25 ng/ul	346780	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	90
4		Benzo[a]pyrene	252	C20H12	000050-32-8	81
5		Benzo[a]pyrene	252	C20H12	000050-32-8	81



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
n-Hexadecanoic acid	17.98	4.4	ng/ul	535352	4	17.07	2423450	20.0
Octacosanol	20.99	5.0	ng/ul	1153200	5	21.27	4574160	20.0
Benzo[e]pyrene	23.00	2.3	ng/ul	346780	6	23.50	3085430	20.0