

Data Path : Z:\HPCHEM1\BNA M\DATA\BM041918\
 Data File : BM014746.D
 Acq On : 19 Apr 2018 22:41
 Operator : SJ/JU
 Sample : J2434-18
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AD3

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-BM041918.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	3.675	11	15	22	rVB	53546	77854	1.03%	0.086%
2	4.263	111	115	124	rVB	203140	283082	3.73%	0.313%
3	4.758	194	199	207	rVB	95467	146960	1.94%	0.162%
4	5.205	270	275	282	rVB	57679	93693	1.23%	0.103%
5	5.516	322	328	335	rVB3	52001	99251	1.31%	0.110%
6	7.663	686	693	704	rBV2	869186	1698798	22.39%	1.876%
7	7.846	717	724	735	rVB	733120	1142391	15.06%	1.261%
8	8.063	753	761	767	rBV	874369	1442439	19.01%	1.592%
9	8.546	835	843	859	rVB	1288328	2156950	28.43%	2.381%
10	9.240	953	961	970	rBV	881946	1433331	18.89%	1.582%
11	9.728	1035	1044	1051	rBV	824437	1446357	19.06%	1.597%
12	10.457	1154	1168	1179	rBV	623173	1085295	14.31%	1.198%
13	10.992	1252	1259	1270	rBV	1058607	1778643	23.44%	1.964%
14	11.392	1319	1327	1334	rBV	1775157	3073298	40.51%	3.393%
15	11.510	1340	1347	1358	rBV	877163	1570420	20.70%	1.734%
16	14.533	1853	1861	1865	rBV	1902261	2594267	34.20%	2.864%
17	14.580	1865	1869	1875	rVB	484470	668898	8.82%	0.738%
18	14.845	1907	1914	1926	rBV	2193274	3211690	42.33%	3.546%
19	14.998	1933	1940	1944	rBV	141341	181476	2.39%	0.200%
20	15.145	1958	1965	1972	rBV2	2485016	3850947	50.76%	4.252%
21	15.298	1981	1991	2001	rBV	608380	913483	12.04%	1.009%
22	15.933	2094	2099	2104	rVB2	185269	252756	3.33%	0.279%
23	16.121	2124	2131	2138	rBV	2778299	3937916	51.91%	4.348%
24	16.216	2142	2147	2154	rVB	545562	734717	9.68%	0.811%
25	16.333	2160	2167	2177	rVB2	43143	136410	1.80%	0.151%
26	16.786	2239	2244	2255	rBV2	163126	298533	3.93%	0.330%
27	17.568	2372	2377	2381	rBV	74737	102887	1.36%	0.114%
28	17.857	2419	2426	2430	rBV	3032703	4362892	57.51%	4.817%
29	17.898	2430	2433	2437	rVV	346744	472013	6.22%	0.521%
30	17.951	2437	2442	2453	rVB2	2733470	4095025	53.98%	4.521%
31	18.245	2487	2492	2496	rVB	60054	87688	1.16%	0.097%
32	18.680	2561	2566	2570	rBV	301814	436740	5.76%	0.482%
33	18.757	2575	2579	2585	rVB2	82544	128795	1.70%	0.142%
34	18.910	2599	2605	2608	rBV3	75358	138565	1.83%	0.153%

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35	19.586	2717	2720	2728	rBV5	40303	81315	1.07%	0.090%
36	19.862	2761	2767	2772	rVB	1649227	2263890	29.84%	2.499%
37	19.915	2773	2776	2781	rBV	136876	188799	2.49%	0.208%
38	20.192	2816	2823	2825	rBV	3555293	5199731	68.54%	5.741%
39	20.215	2825	2827	2834	rVV	1899246	2266272	29.87%	2.502%
40	20.274	2834	2837	2841	rVB	75280	105697	1.39%	0.117%
41	20.386	2852	2856	2861	rVB	99493	128453	1.69%	0.142%
42	20.445	2864	2866	2872	rVB	74017	102017	1.34%	0.113%
43	20.521	2875	2879	2886	rBV4	123729	285468	3.76%	0.315%
44	20.692	2904	2908	2913	rVB	341486	517135	6.82%	0.571%
45	20.786	2920	2924	2928	rBV	252470	365068	4.81%	0.403%
46	20.851	2932	2935	2938	rVB	152734	184839	2.44%	0.204%
47	20.986	2954	2958	2961	rBV	190467	250818	3.31%	0.277%
48	21.033	2963	2966	2971	rVB	170236	235170	3.10%	0.260%
49	21.592	3057	3061	3064	rBV2	312551	474346	6.25%	0.524%
50	21.668	3070	3074	3077	rBV2	298844	429807	5.67%	0.475%
51	21.939	3113	3120	3124	rBV2	3933367	7586620	100.00%	8.376%
52	21.980	3124	3127	3136	rVB	1792179	2350588	30.98%	2.595%
53	22.274	3174	3177	3182	rVB	327498	441847	5.82%	0.488%
54	23.674	3409	3415	3421	rBV	1969985	5004217	65.96%	5.525%
55	24.221	3503	3508	3512	rBV	1214206	2371220	31.26%	2.618%
56	24.280	3513	3518	3522	rVV2	2134586	4338523	57.19%	4.790%
57	24.333	3522	3527	3534	rVB	1824792	3659246	48.23%	4.040%
58	24.439	3539	3545	3551	rBV	2081548	4320217	56.95%	4.770%
59	27.027	3978	3985	3996	rVB2	1082089	3291910	43.39%	3.634%

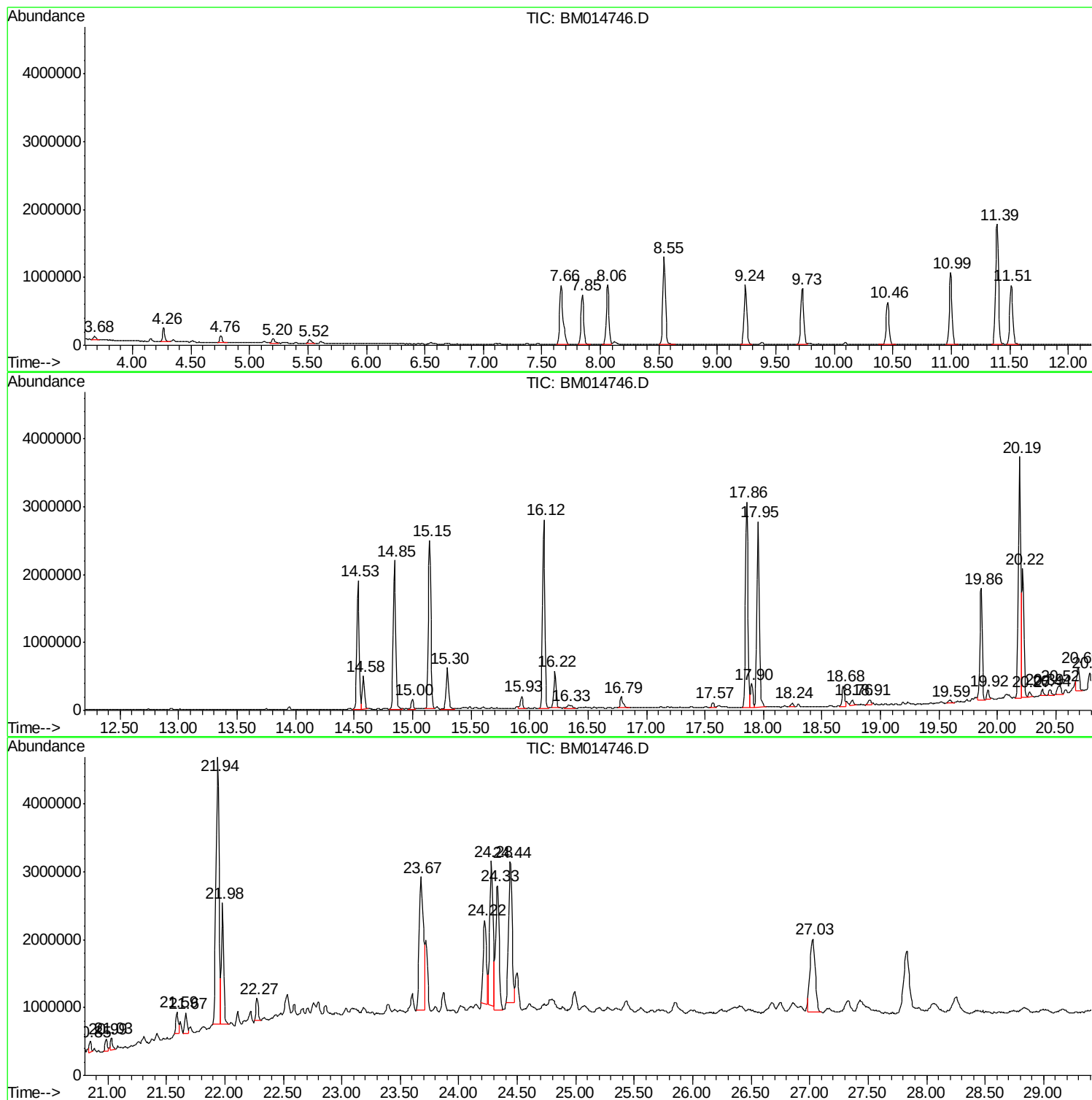
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P



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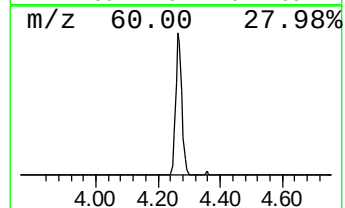
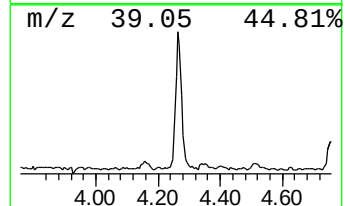
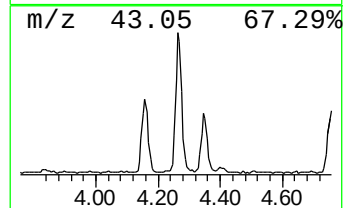
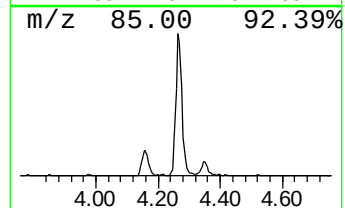
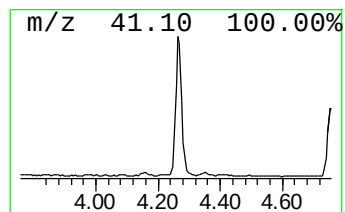
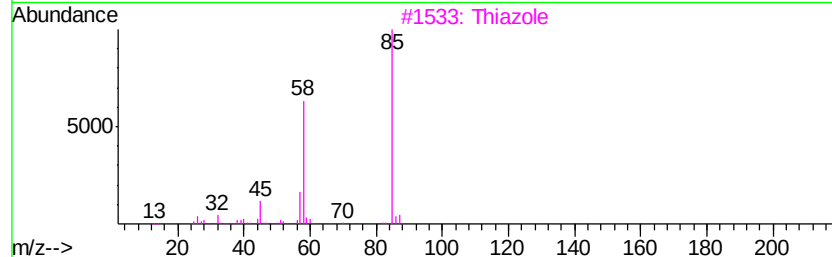
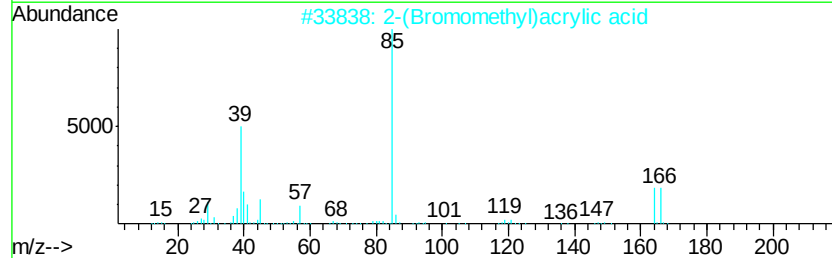
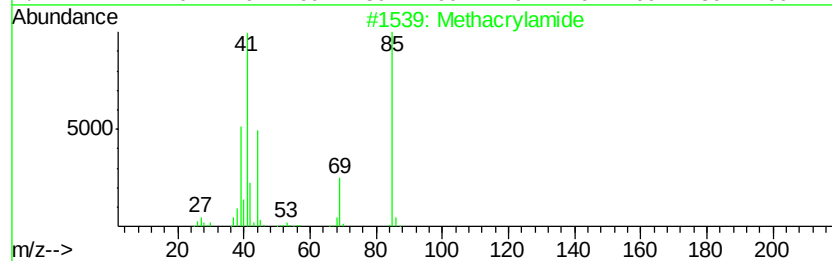
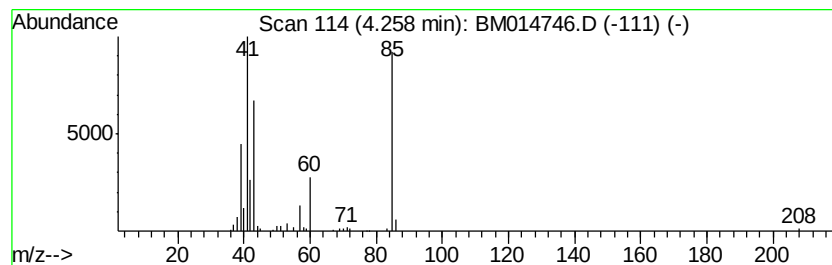
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Quant Title : SVOA CALIBRATION

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

Peak Number 1 Methacrylamide Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.
4.26	2.62 ng/ul	283082	1,4-Dichlorobenzene-d4	8.55
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1		Methacrylamide	85 C4H7NO	000079-39-0 64
2		2-(Bromomethyl)acrylic acid	164 C4H5BrO2	072707-66-5 40
3		Thiazole	85 C3H3NS	000288-47-1 35
4		Pentane, 2-bromo-4-methyl-	164 C6H13Br	030310-22-6 33
5		2H-Pyran, tetrahydro-2-methyl-	100 C6H12O	010141-72-7 33



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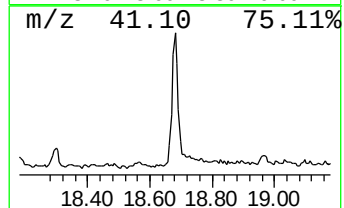
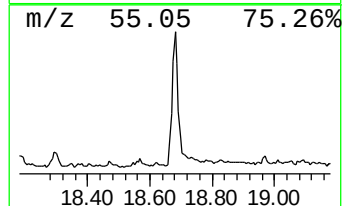
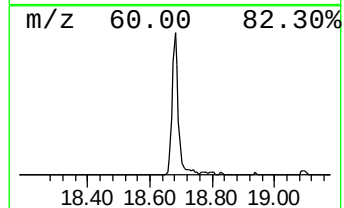
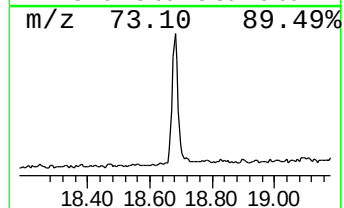
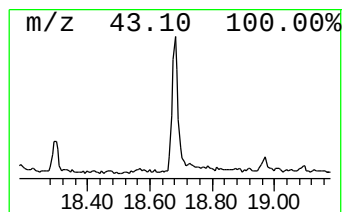
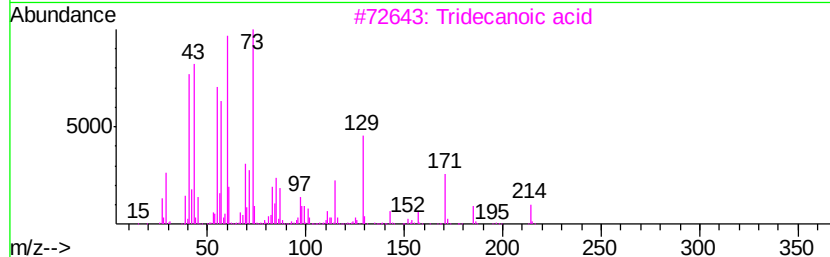
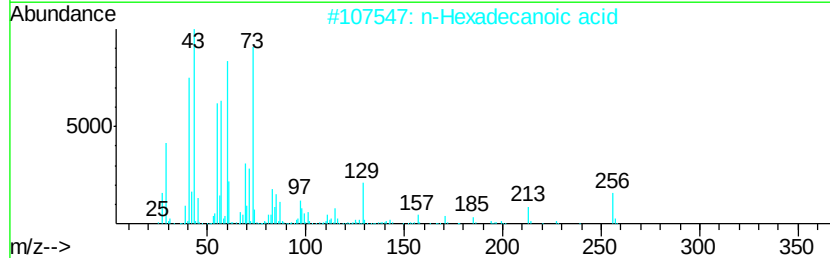
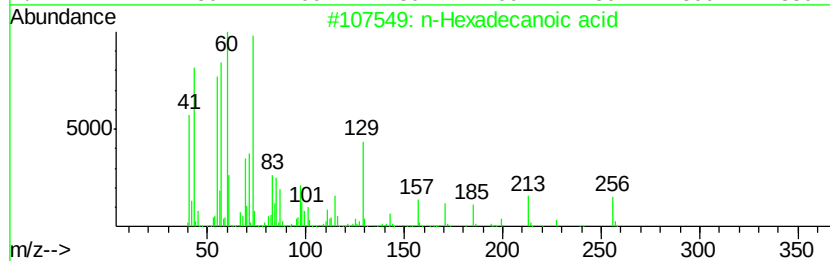
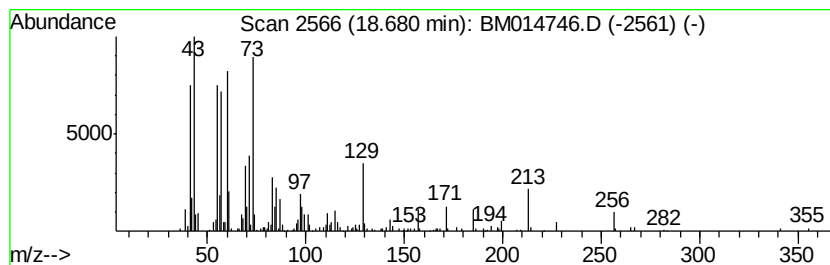
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Peak Number 2 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.68	2.00 ng/ul	436740	Phenanthrene-d10	17.86

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	91
3		Tridecanoic acid	214	C13H26O2	000638-53-9	89
4		Octadecanoic acid	284	C18H36O2	000057-11-4	81
5		Pentadecanoic acid	242	C15H30O2	001002-84-2	81



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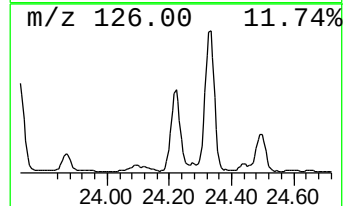
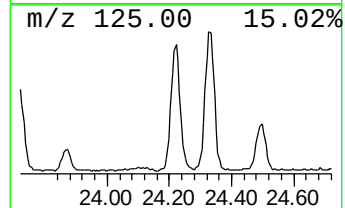
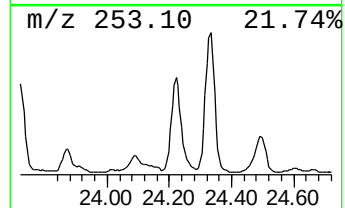
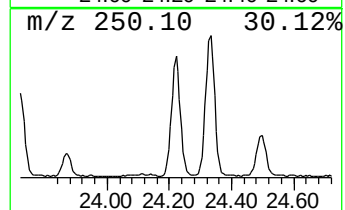
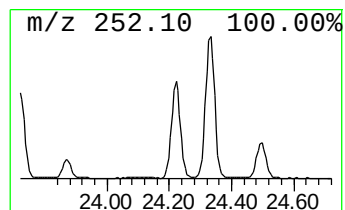
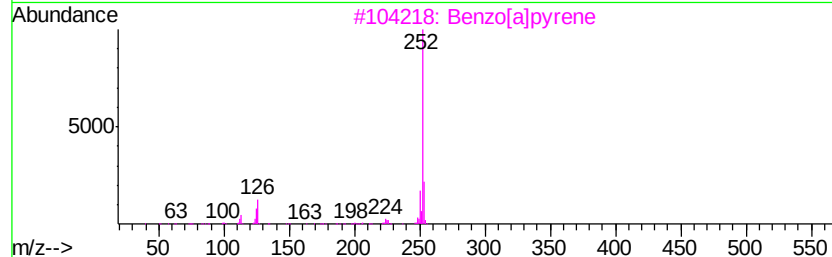
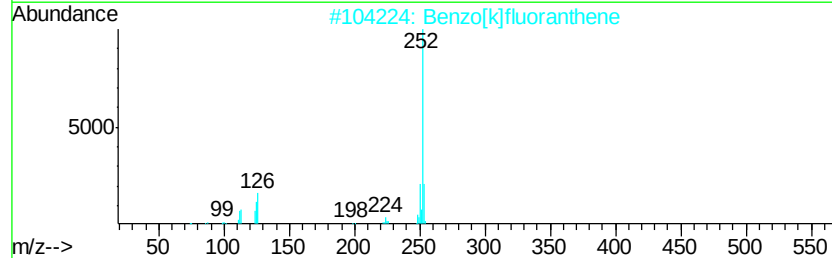
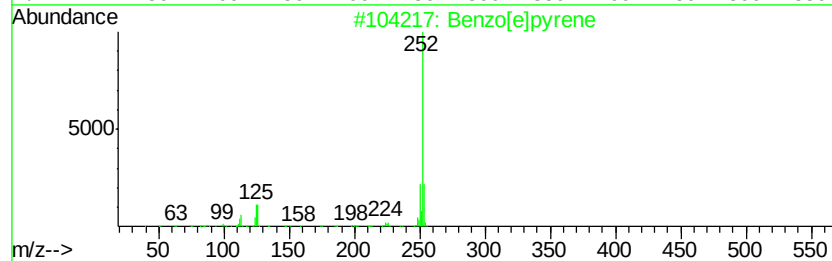
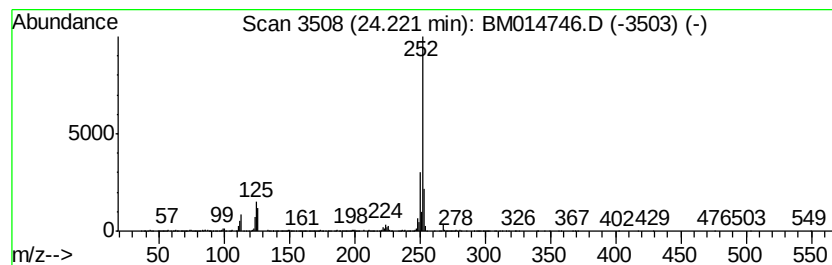
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Peak Number 3 Benzo[e]pyrene Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
24.22	10.98 ng/ul	2371220	Perylene-d12	24.44

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	99
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	97
3		Benzo[a]pyrene	252	C20H12	000050-32-8	96
4		Perylene	252	C20H12	000198-55-0	96
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	94



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Methacrylamide	4.26	2.6	ng/ul	283082	1	8.55	2156950	20.0
n-Hexadecanoic acid	18.68	2.0	ng/ul	436740	4	17.86	4362890	20.0
Benzo[e]pyrene	24.22	11.0	ng/ul	2371220	6	24.44	4320220	20.0