

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM110717\
 Data File : BM012807.D
 Acq On : 07 Nov 2017 22:05
 Operator : SJ/JU
 Sample : I6164-17
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 ETOE8

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-BM110417MA.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	3.804	117	122	128	rBV	24925	32280	1.16%	0.093%
2	6.975	655	661	676	rVB	304038	532563	19.16%	1.531%
3	7.134	682	688	699	rVB	260240	402373	14.48%	1.157%
4	7.334	716	722	732	rBV	349456	544177	19.58%	1.565%
5	7.798	795	801	810	rBB	467141	715069	25.73%	2.056%
6	8.510	915	922	934	rBB	281284	464932	16.73%	1.337%
7	8.957	991	998	1008	rBV	340129	549341	19.76%	1.580%
8	9.675	1114	1120	1131	rBV	292957	486565	17.50%	1.399%
9	10.216	1205	1212	1226	rBV	441788	742340	26.71%	2.135%
10	10.586	1268	1275	1283	rBV	655170	1088302	39.15%	3.129%
11	10.727	1292	1299	1317	rBV	350786	607683	21.86%	1.747%
12	11.910	1494	1500	1508	rBV	48401	82075	2.95%	0.236%
13	13.592	1780	1786	1795	rBV	13217	29499	1.06%	0.085%
14	13.845	1823	1829	1834	rBV	952460	1287806	46.33%	3.703%
15	13.892	1834	1837	1845	rVB	64529	84158	3.03%	0.242%
16	14.127	1871	1877	1887	rBV	1031970	1524169	54.83%	4.383%
17	14.439	1923	1930	1937	rBV2	1088745	1631594	58.70%	4.692%
18	14.498	1937	1940	1946	rVB	22138	30023	1.08%	0.086%
19	14.651	1958	1966	1980	rBV	183182	317009	11.40%	0.912%
20	14.863	1995	2002	2008	rVB3	22814	40199	1.45%	0.116%
21	15.433	2092	2099	2105	rBV	1384948	1974483	71.03%	5.678%
22	15.486	2105	2108	2115	rVB2	26216	34173	1.23%	0.098%
23	15.562	2116	2121	2133	rVV	242007	345139	12.42%	0.992%
24	15.798	2154	2161	2170	rBV	383531	529646	19.05%	1.523%
25	16.721	2311	2318	2323	rBV	40217	53681	1.93%	0.154%
26	16.898	2343	2348	2353	rBV	325125	411763	14.81%	1.184%
27	17.004	2362	2366	2371	rVB	18700	27942	1.01%	0.080%
28	17.186	2390	2397	2400	rBV2	1397725	2046425	73.62%	5.884%
29	17.227	2400	2404	2408	rVV	548941	753036	27.09%	2.165%
30	17.280	2408	2413	2424	rVB	1455267	2066271	74.34%	5.942%
31	17.586	2458	2465	2474	rVB2	52903	87252	3.14%	0.251%
32	18.074	2542	2548	2552	rBV2	235089	335224	12.06%	0.964%
33	18.256	2573	2579	2582	rBV3	75534	120434	4.33%	0.346%
34	18.292	2582	2585	2589	rVB	21344	28163	1.01%	0.081%

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Integration Parameters: LSCINT.P

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35	18.415	2601	2606	2610	rBV4	17335	30390	1.09%	0.087%
36	18.556	2626	2630	2634	rBV	40529	52330	1.88%	0.150%
37	18.603	2634	2638	2644	rVB	81997	109356	3.93%	0.314%
38	18.974	2697	2701	2708	rBV2	19137	34676	1.25%	0.100%
39	19.121	2721	2726	2731	rVB2	29086	45148	1.62%	0.130%
40	19.239	2733	2746	2753	rBV	1211561	1653119	59.47%	4.754%
41	19.356	2760	2766	2775	rBV3	94771	149342	5.37%	0.429%
42	19.574	2797	2803	2806	rBV	2002714	2772900	99.76%	7.973%
43	19.603	2806	2808	2814	rVV	871936	1027278	36.96%	2.954%
44	19.674	2816	2820	2825	rVV3	40653	62772	2.26%	0.181%
45	19.780	2835	2838	2844	rBV	41188	60276	2.17%	0.173%
46	19.927	2858	2863	2870	rVB3	35315	85529	3.08%	0.246%
47	20.068	2883	2887	2888	rBV3	19323	28067	1.01%	0.081%
48	20.097	2888	2892	2897	rVB	84042	115382	4.15%	0.332%
49	20.197	2905	2909	2913	rBV	55090	76547	2.75%	0.220%
50	20.256	2913	2919	2922	rBV3	51572	99933	3.60%	0.287%
51	20.292	2922	2925	2929	rVB3	36582	46866	1.69%	0.135%
52	20.397	2940	2943	2946	rBV	34070	53401	1.92%	0.154%
53	20.844	3016	3019	3024	rVB	61517	75003	2.70%	0.216%
54	21.009	3044	3047	3050	rVB	55959	65185	2.35%	0.187%
55	21.044	3050	3053	3055	rBV2	50029	66476	2.39%	0.191%
56	21.074	3055	3058	3065	rVV3	103759	214476	7.72%	0.617%
57	21.144	3067	3070	3077	rVB	62909	90698	3.26%	0.261%
58	21.362	3100	3107	3111	rBV2	1872201	2779650	100.00%	7.993%
59	21.397	3111	3113	3121	rVB	434836	489935	17.63%	1.409%
60	21.515	3130	3133	3138	rBV	77332	97988	3.53%	0.282%
61	22.956	3372	3378	3384	rBV	255835	646221	23.25%	1.858%
62	23.444	3457	3461	3464	rBV	124521	202547	7.29%	0.582%
63	23.497	3464	3470	3475	rBV2	943156	1717522	61.79%	4.939%
64	23.644	3488	3495	3501	rBV2	923714	1821926	65.55%	5.239%

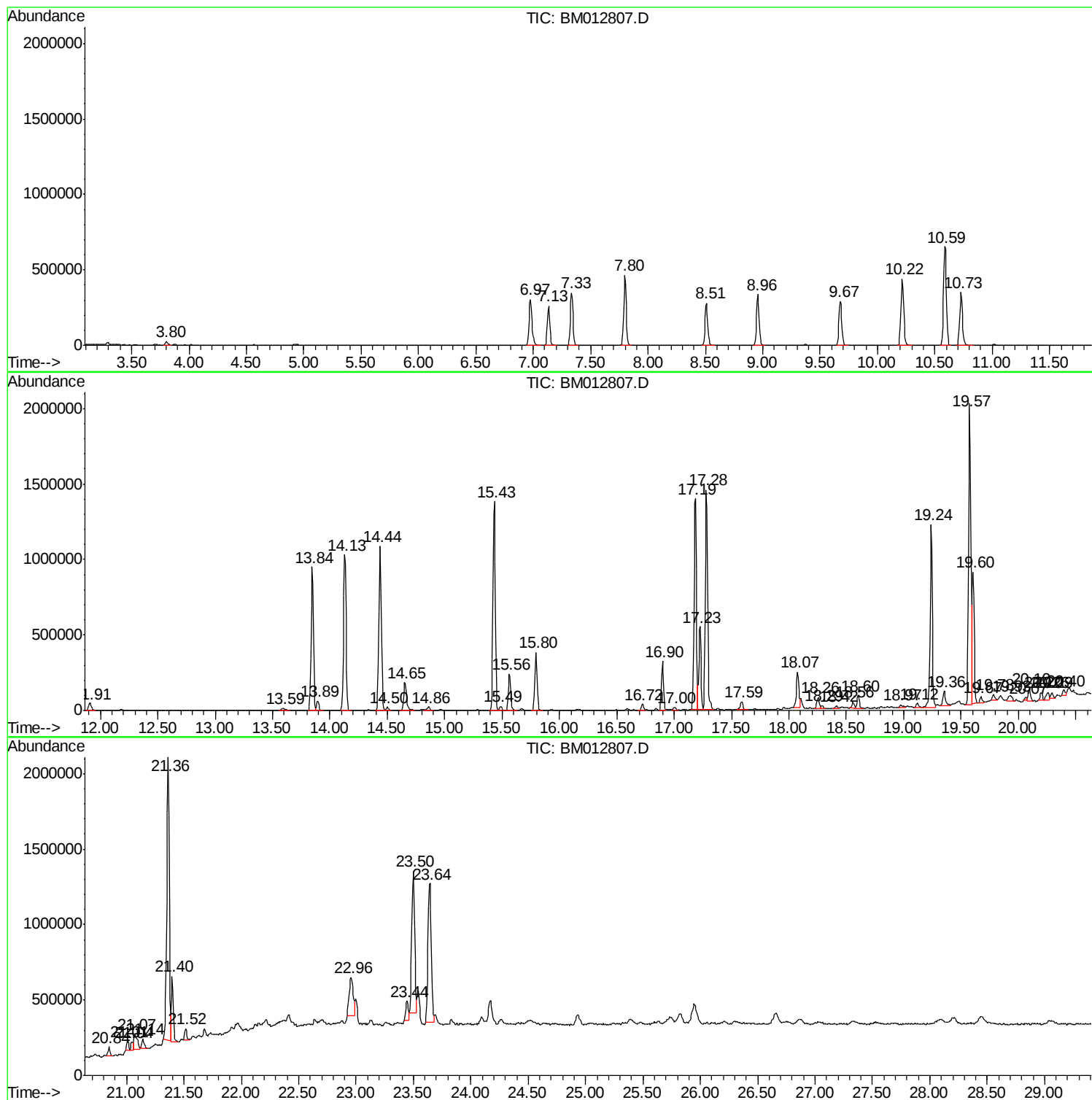
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TIC Library : C:\DATABASE\NIST02.L
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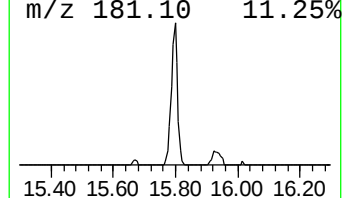
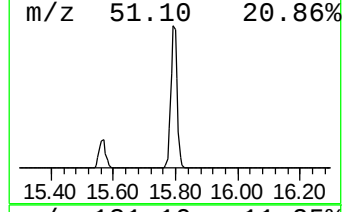
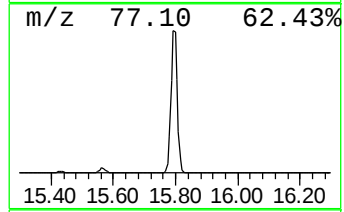
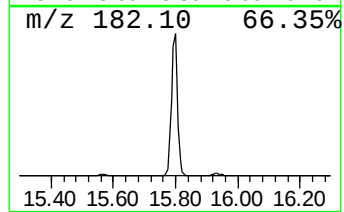
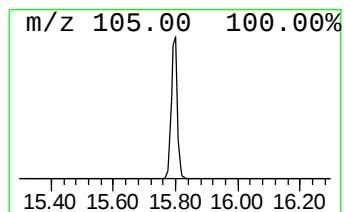
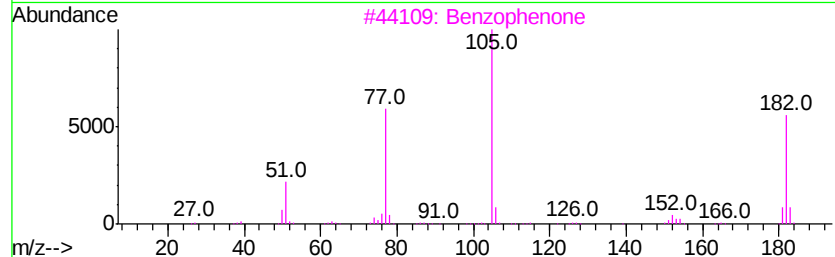
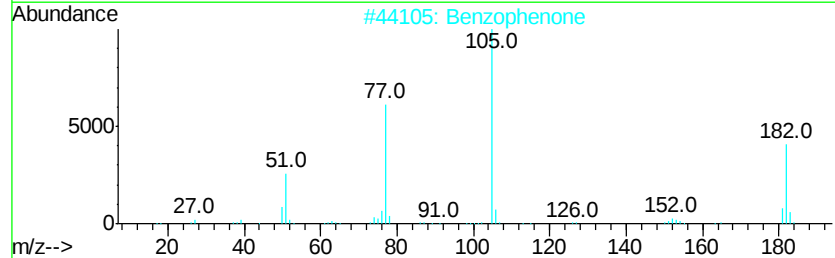
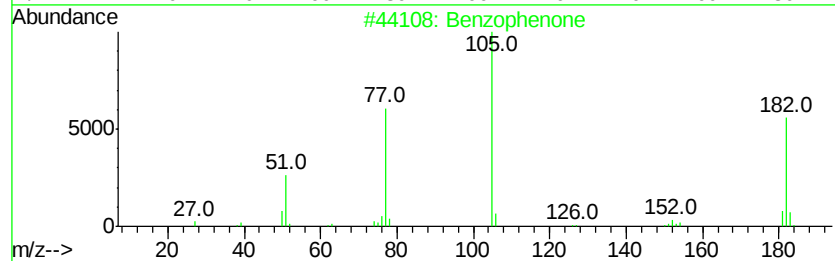
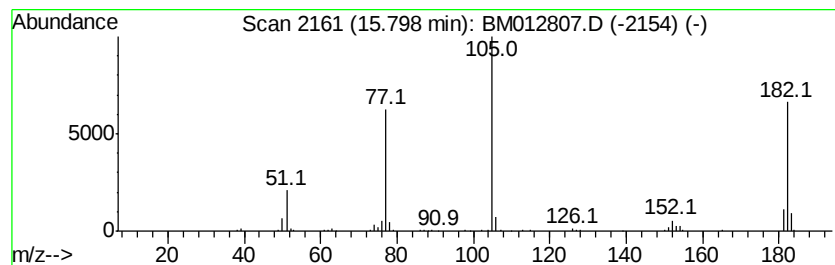
Instrument :
BNA_M
ClientSampleId :
ETOE8

Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM110417MA.M
Quant Title : SVOA CALIBRATION

TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 1 Benzophenone Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.
15.80	6.49 ng/ul	529646	Acenaphthene-d10	14.44
Hit# of	5	Tentative ID	MW MolForm	CAS# Qual
1	Benzophenone	182 C13H10O	000119-61-9	97
2	Benzophenone	182 C13H10O	000119-61-9	97
3	Benzophenone	182 C13H10O	000119-61-9	96
4	Benzophenone	182 C13H10O	000119-61-9	94
5	Benzophenone	182 C13H10O	000119-61-9	91



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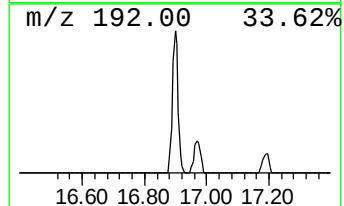
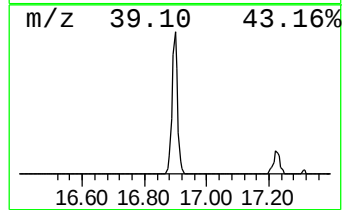
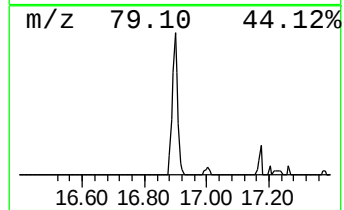
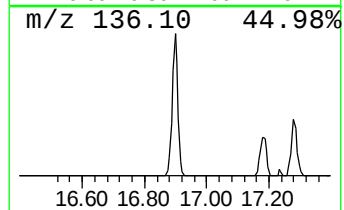
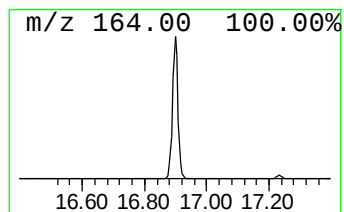
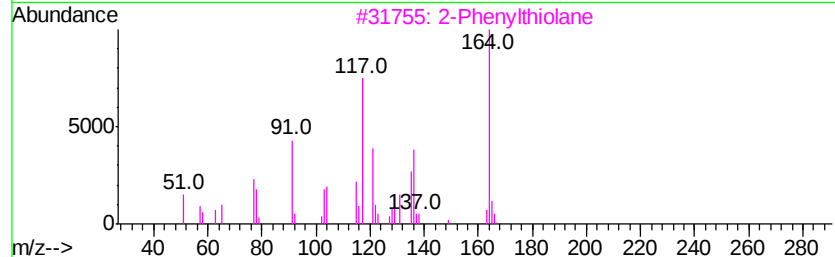
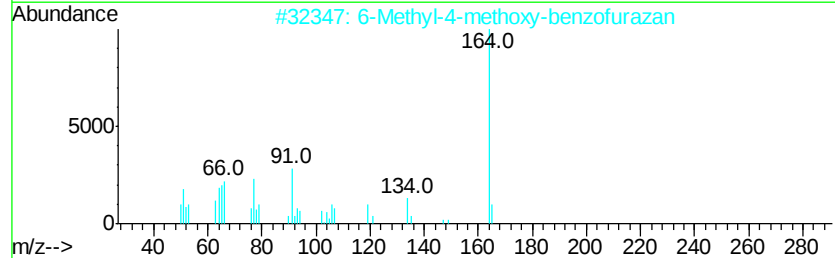
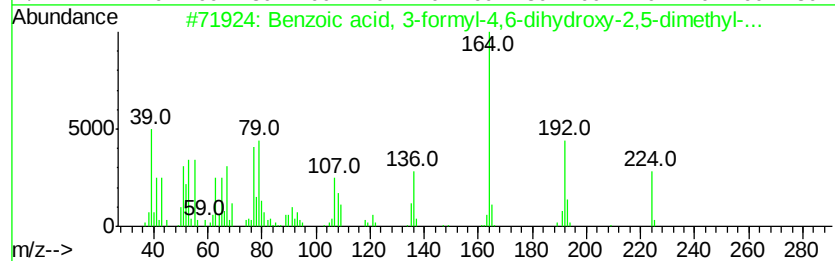
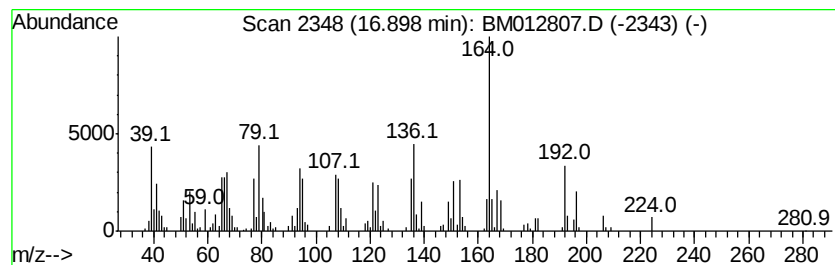
Instrument :
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TIC Library : C:\DATABASE\NIST02.L
TIC Integration Parameters: LSCINT.P

Peak Number 2 unknown-01 Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.		
16.90	4.02 ng/ul	411763	Phenanthrene-d10	17.19		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Benzoic acid, 3-formyl-4,6-dihyd...	224	C11H12O5	034874-76-5	38
2		6-Methyl-4-methoxy-benzofurazan	164	C8H8N2O2	063006-67-7	35
3		2-Phenylthiolane	164	C10H12S	002060-65-3	30
4		2,5-Cyclohexadiene-1,4-dione, 2-...	164	C10H12O2	000490-91-5	25
5		4,7(1H,8H)-Pteridinedione	164	C6H4N4O2	033669-70-4	22



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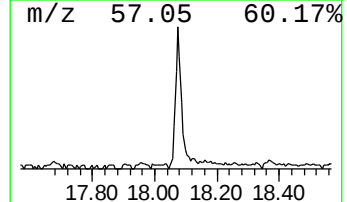
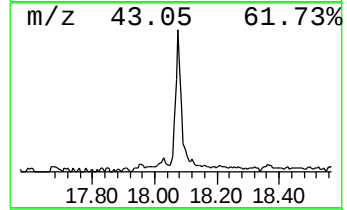
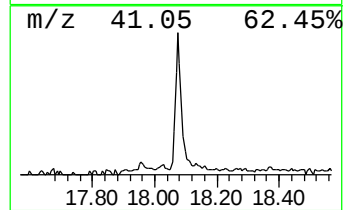
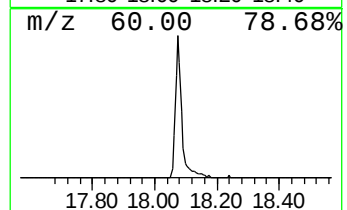
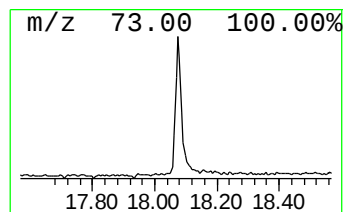
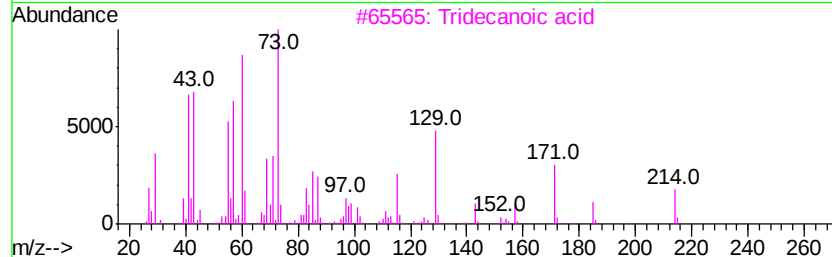
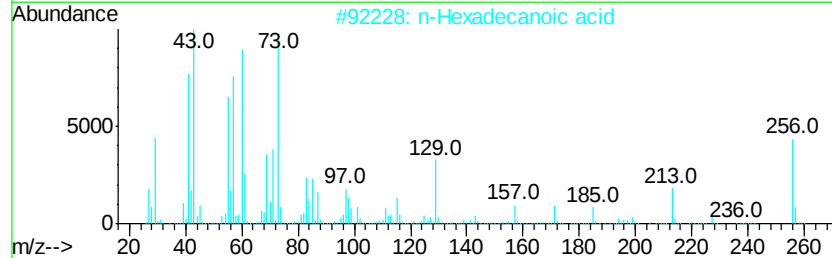
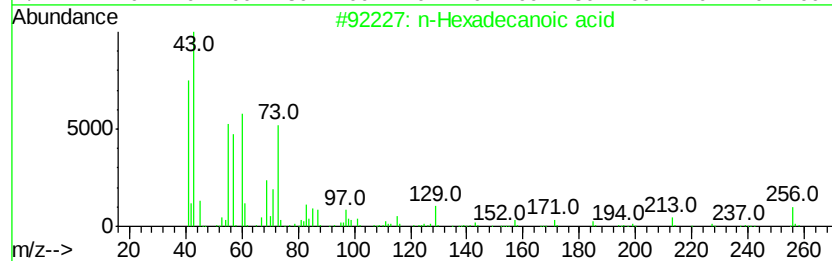
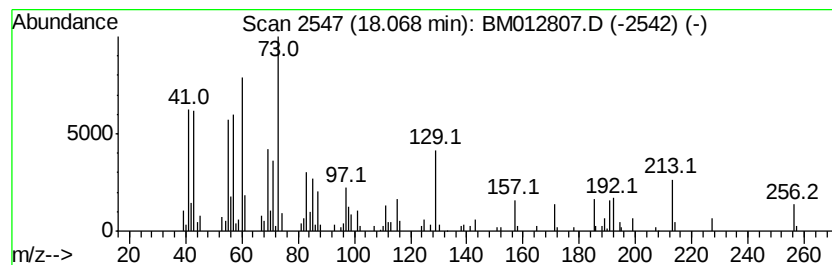
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TIC Library : C:\DATABASE\NIST02.L
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Peak Number 3 n-Hexadecanoic acid Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
18.07	3.28 ng/ul	335224	Phenanthrene-d10	17.19

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	97
3			Tridecanoic acid	214	C13H26O2	000638-53-9	91
4			Tetradecanoic acid	228	C14H28O2	000544-63-8	91
5			Tridecanoic acid	214	C13H26O2	000638-53-9	91



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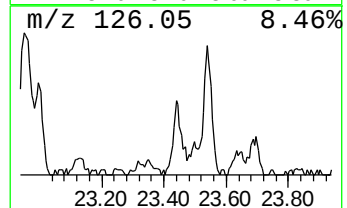
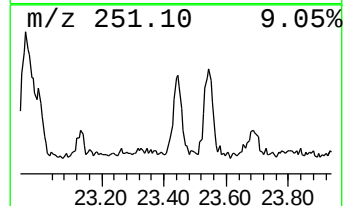
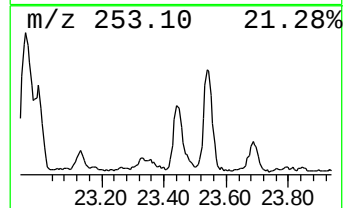
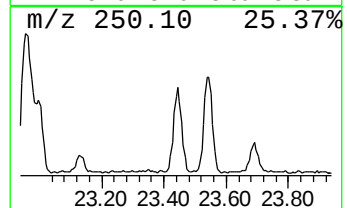
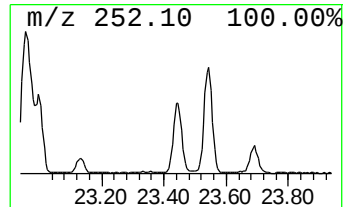
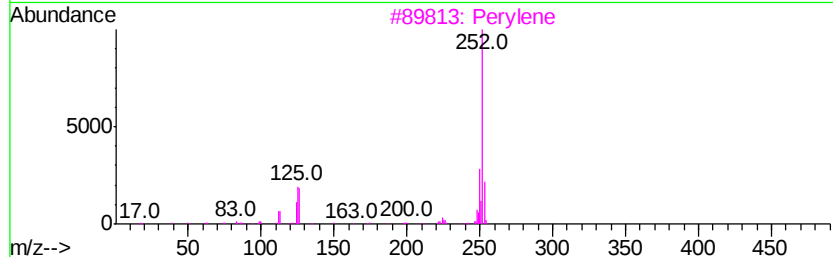
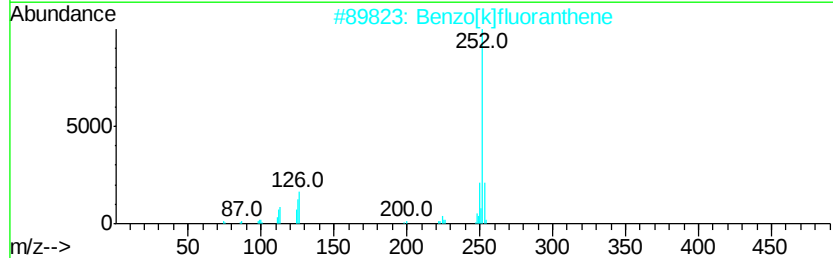
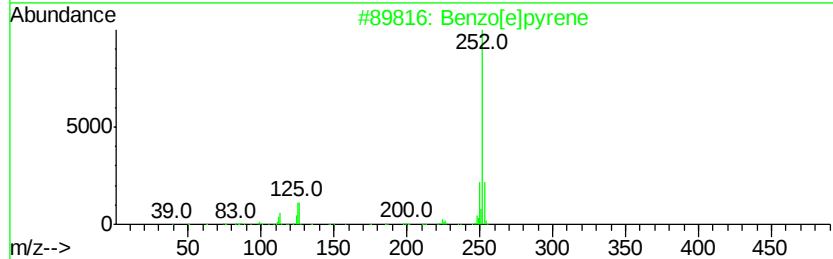
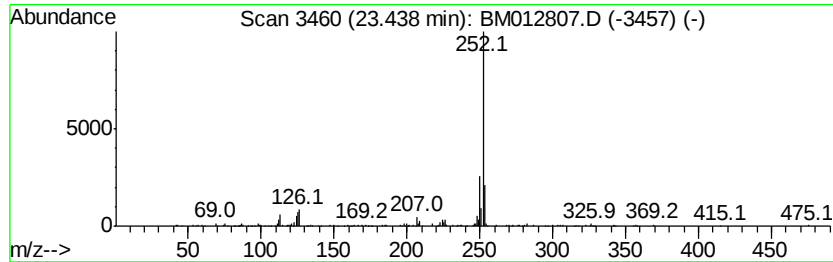
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Peak Number 4 Benzo[e]pyrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.44	2.22 ng/ul	202547	Perylene-d12	23.64

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	97
2		Benzo[k]fluoranthene	252	C20H12	000207-08-9	95
3		Perylene	252	C20H12	000198-55-0	94
4		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	94
5		Benzo[e]acephenanthrylene	252	C20H12	000205-99-2	91



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Benzophenone	15.80	6.5	ng/ul	529646	3	14.44	1631590	20.0
unknown-01	16.90	4.0	ng/ul	411763	4	17.19	2046430	20.0
n-Hexadecanoic acid	18.07	3.3	ng/ul	335224	4	17.19	2046430	20.0
Benzo[e]pyrene	23.44	2.2	ng/ul	202547	6	23.64	1821930	20.0