

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014346.D
 Acq On : 24 Feb 2018 00:19
 Operator : SJ/JU
 Sample : J1631-10 10X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5Z1

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-BM021418.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	6.734	632	637	640	rBV2	39072	72490	2.65%	0.298%
2	6.887	657	663	670	rBV3	42421	72886	2.66%	0.300%
3	7.069	689	694	704	rBV2	69432	127318	4.65%	0.524%
4	7.522	765	771	784	rBV	589333	1036197	37.87%	4.265%
5	7.651	789	793	797	rBV3	15623	28281	1.03%	0.116%
6	8.263	891	897	912	rBV3	45501	119713	4.38%	0.493%
7	8.698	965	971	976	rBV4	57992	120926	4.42%	0.498%
8	9.410	1087	1092	1104	rBV4	48861	110527	4.04%	0.455%
9	9.716	1136	1144	1150	rBV5	20502	38271	1.40%	0.158%
10	9.975	1181	1188	1199	rBV7	38074	123094	4.50%	0.507%
11	10.292	1233	1242	1249	rBV	881617	1553857	56.79%	6.396%
12	10.498	1269	1277	1280	rBV5	17247	40320	1.47%	0.166%
13	13.604	1800	1805	1810	rBV	172290	267176	9.77%	1.100%
14	13.657	1810	1814	1825	rVB	98249	178735	6.53%	0.736%
15	13.874	1845	1851	1861	rVB	203643	354501	12.96%	1.459%
16	14.180	1897	1903	1910	rBV2	1338208	2020529	73.85%	8.317%
17	14.245	1910	1914	1920	rVB5	32174	57465	2.10%	0.237%
18	14.592	1969	1973	1980	rVB4	22730	41231	1.51%	0.170%
19	15.045	2044	2050	2056	rVB4	22839	39031	1.43%	0.161%
20	15.186	2069	2074	2079	rBV	242063	377440	13.80%	1.554%
21	15.245	2080	2084	2089	rVB4	43216	67460	2.47%	0.278%
22	15.357	2094	2103	2109	rBV8	31668	62854	2.30%	0.259%
23	15.915	2193	2198	2200	rBV4	25288	38438	1.40%	0.158%
24	16.610	2312	2316	2323	rVB3	28250	42994	1.57%	0.177%
25	16.698	2323	2331	2337	rVV3	29672	77533	2.83%	0.319%
26	16.757	2337	2341	2350	rVB2	38313	71454	2.61%	0.294%
27	16.939	2366	2372	2376	rBV	1623307	2307056	84.32%	9.497%
28	16.980	2376	2379	2384	rVV	732350	993648	36.32%	4.090%
29	17.039	2384	2389	2393	rVV2	298948	457572	16.72%	1.884%
30	17.074	2393	2395	2402	rVB	111275	156343	5.71%	0.644%
31	17.362	2438	2444	2448	rBV3	54890	102989	3.76%	0.424%
32	17.527	2468	2472	2483	rVB3	17972	49395	1.81%	0.203%
33	17.815	2517	2521	2524	rBV2	103981	164355	6.01%	0.677%
34	17.862	2524	2529	2538	rVV3	177471	397610	14.53%	1.637%

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35	17.951	2540	2544	2548	rVV3	41069	68500	2.50%	0.282%
36	18.009	2548	2554	2558	rVV2	147474	280791	10.26%	1.156%
37	18.051	2558	2561	2566	rVB4	82555	115742	4.23%	0.476%
38	18.139	2572	2576	2580	rBV7	36589	63153	2.31%	0.260%
39	18.215	2587	2589	2596	rBV8	17587	30209	1.10%	0.124%
40	18.327	2604	2608	2613	rBV	69189	98806	3.61%	0.407%
41	18.386	2613	2618	2620	rBV4	54945	95948	3.51%	0.395%
42	18.562	2642	2648	2655	rBV4	53301	109943	4.02%	0.453%
43	18.621	2656	2658	2662	rVB3	29050	33858	1.24%	0.139%
44	18.662	2662	2665	2669	rBV5	34910	42817	1.56%	0.176%
45	18.745	2675	2679	2682	rBV2	82615	122864	4.49%	0.506%
46	18.780	2682	2685	2687	rVV3	24848	35712	1.31%	0.147%
47	19.009	2719	2724	2730	rBV	1163684	1561540	57.07%	6.428%
48	19.056	2730	2732	2736	rVV5	29831	40237	1.47%	0.166%
49	19.139	2743	2746	2749	rBV4	63962	77568	2.84%	0.319%
50	19.345	2776	2781	2783	rBV2	500694	698177	25.52%	2.874%
51	19.374	2783	2786	2794	rVB	1001205	1337842	48.90%	5.507%
52	19.592	2819	2823	2827	rVB	261109	295531	10.80%	1.217%
53	19.792	2854	2857	2861	rVB4	81833	99385	3.63%	0.409%
54	19.980	2886	2889	2890	rBV	66588	74552	2.72%	0.307%
55	20.003	2890	2893	2896	rVV	189689	208731	7.63%	0.859%
56	20.174	2920	2922	2926	rBV	56681	58115	2.12%	0.239%
57	20.398	2958	2960	2963	rBV3	53715	56511	2.07%	0.233%
58	20.445	2965	2968	2971	rVB5	73291	82269	3.01%	0.339%
59	20.639	2998	3001	3005	rBV2	92642	127433	4.66%	0.525%
60	20.798	3025	3028	3031	rBV2	91591	126008	4.61%	0.519%
61	20.833	3031	3034	3037	rVV2	162027	199226	7.28%	0.820%
62	20.874	3037	3041	3049	rVB4	175784	299542	10.95%	1.233%
63	21.145	3081	3087	3091	rBV2	1675877	2736036	100.00%	11.263%
64	21.186	3091	3094	3102	rVB	464722	595116	21.75%	2.450%
65	21.303	3112	3114	3118	rVB4	126215	116618	4.26%	0.480%
66	22.168	3259	3261	3266	rBV6	90851	99655	3.64%	0.410%
67	22.680	3342	3348	3352	rBV	331850	745527	27.25%	3.069%
68	23.133	3421	3425	3429	rBV	190710	341516	12.48%	1.406%
69	23.315	3451	3456	3462	rBV2	814339	1447432	52.90%	5.958%

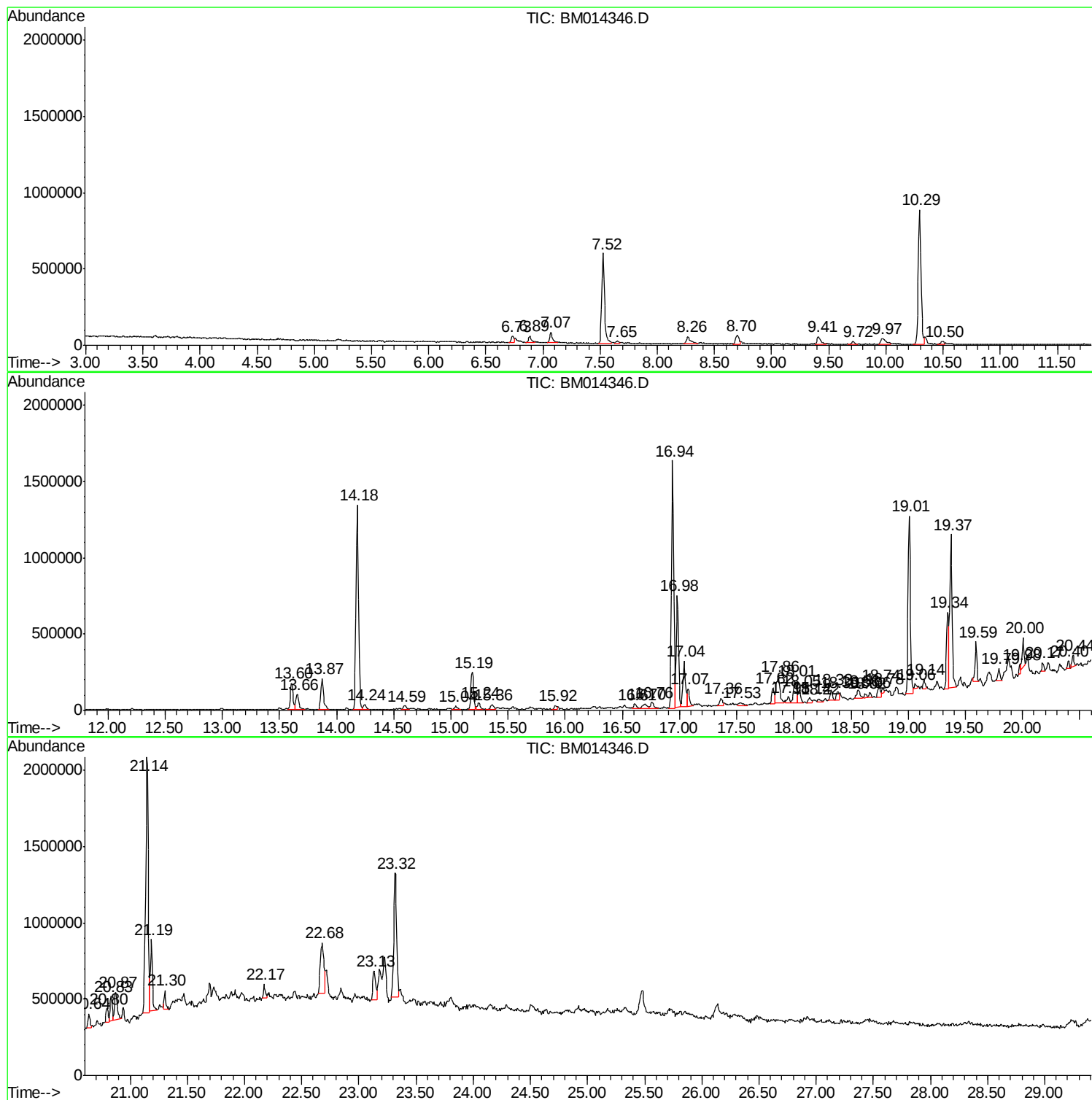
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Quant Title : SVOA CALIBRATION

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



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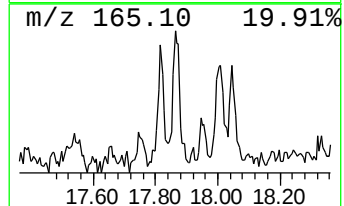
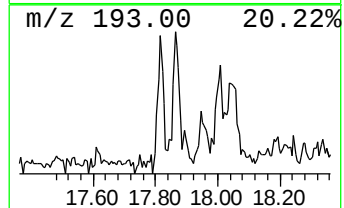
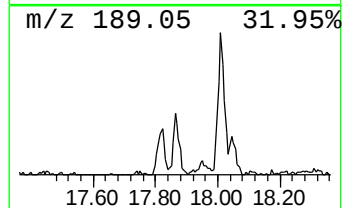
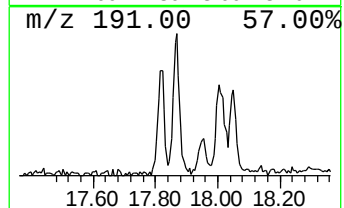
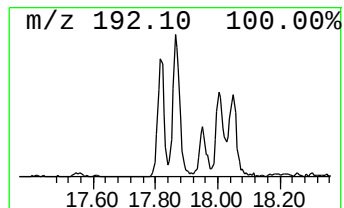
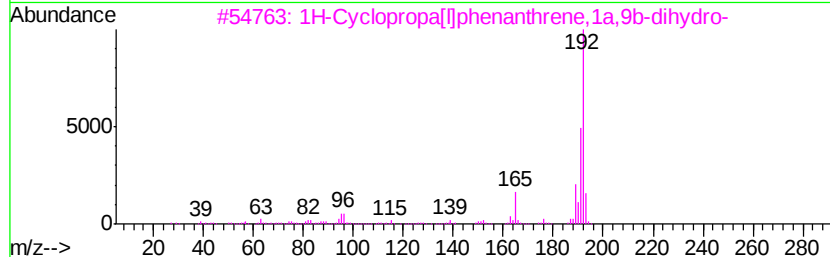
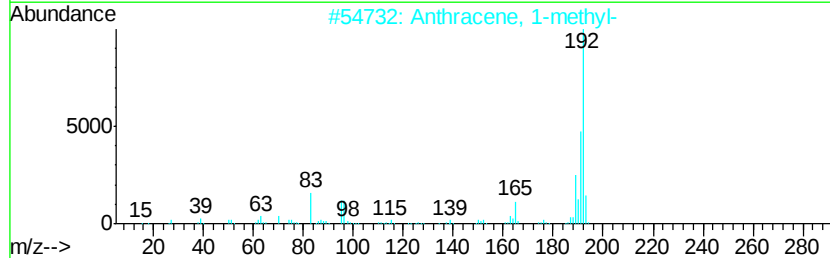
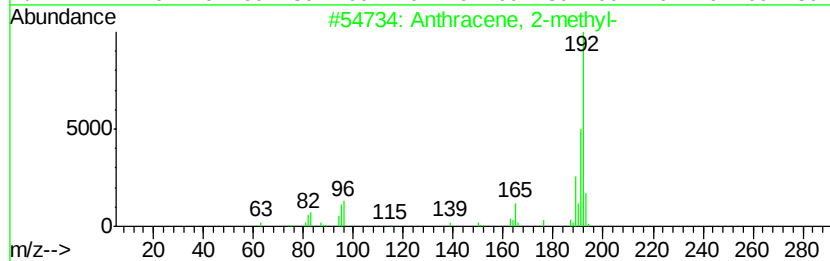
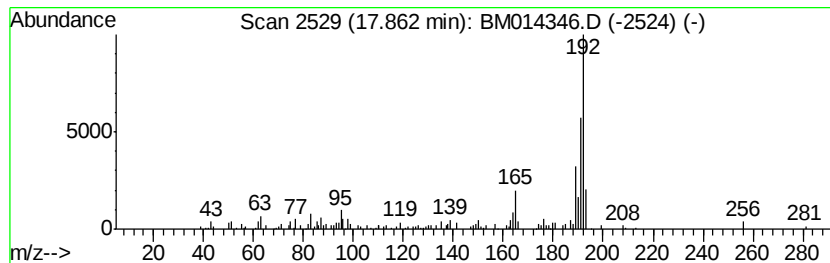
Instrument :
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 Anthracene, 2-methyl- Concentration Rank 1

R.T.	EstConc	Area	Relative to ISTD	R.T.		
17.86	3.45 ng/ul	397610	Phenanthrene-d10	16.94		
Hit# of	5	Tentative ID	MW	MolForm	CAS#	Qual
1		Anthracene, 2-methyl-	192	C15H12	000613-12-7	91
2		Anthracene, 1-methyl-	192	C15H12	000610-48-0	87
3		1H-Cyclopropa[1]phenanthrene,1a,...	192	C15H12	000949-41-7	87
4		Anthracene, 2-methyl-	192	C15H12	000613-12-7	87
5		Phenanthrene, 3-methyl-	192	C15H12	000832-71-3	83



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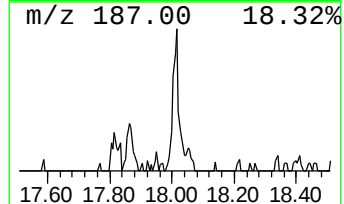
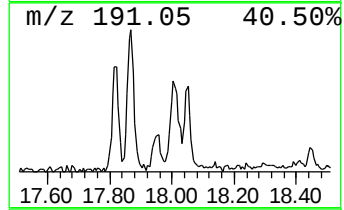
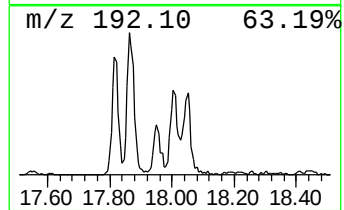
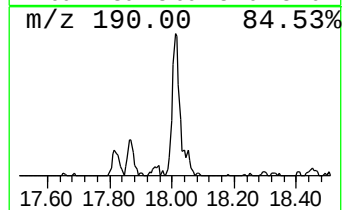
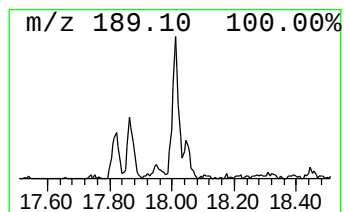
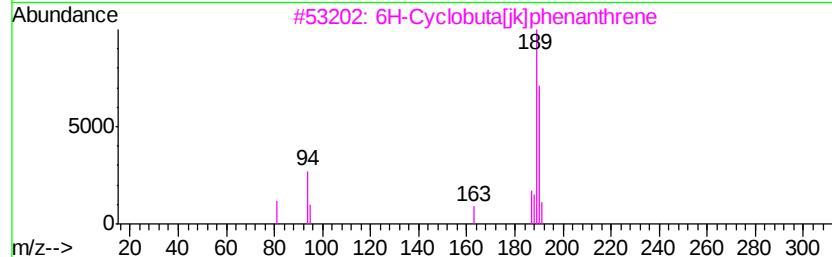
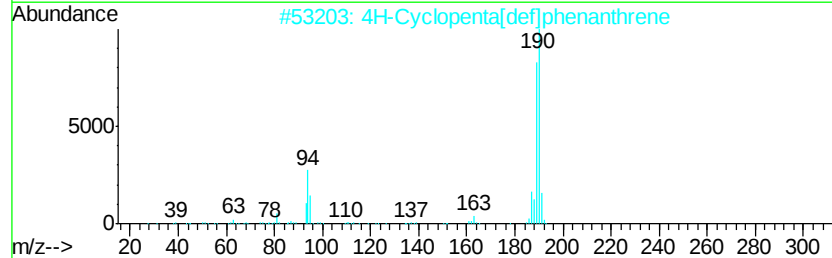
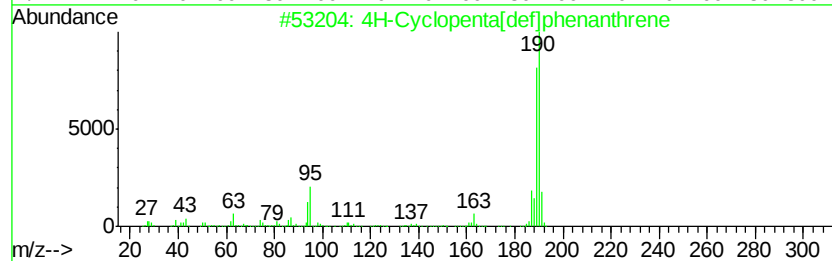
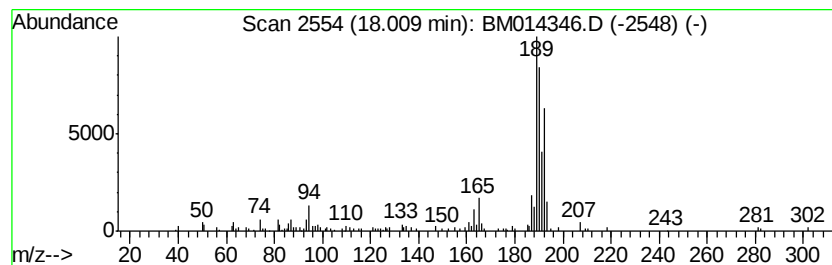
Instrument :
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Quant Title : SVOA CALIBRATION

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

Peak Number 2 4H-Cyclopenta[def]phenanthrene Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.01	2.43 ng/ul	280791	Phenanthrene-d10	16.94	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	64
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	53
3	6H-Cyclobuta[ik]phenanthrene	190	C15H10	083469-43-6	50
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	46
5	Carbonic acid, 2-formyl-4,6-dich...	276	C11H10Cl2O4	1000331-39-3	43



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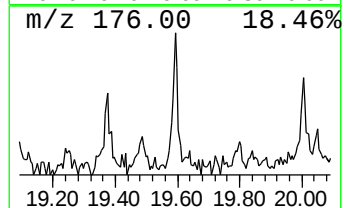
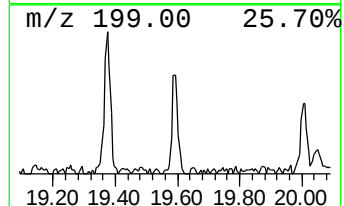
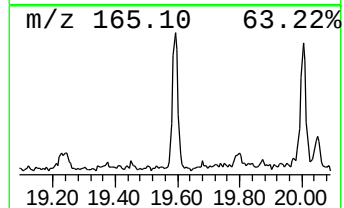
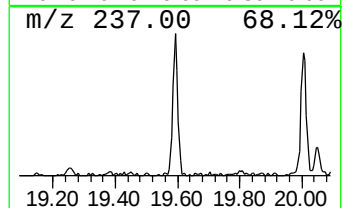
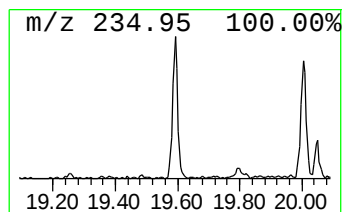
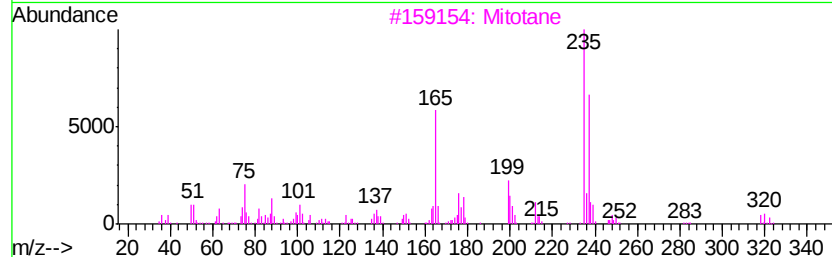
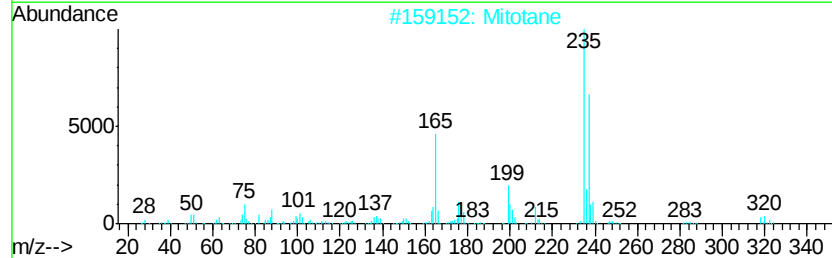
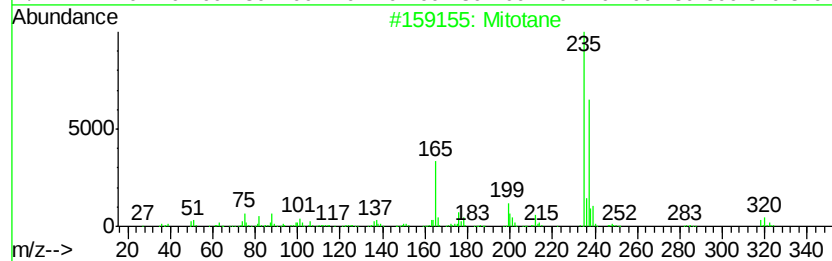
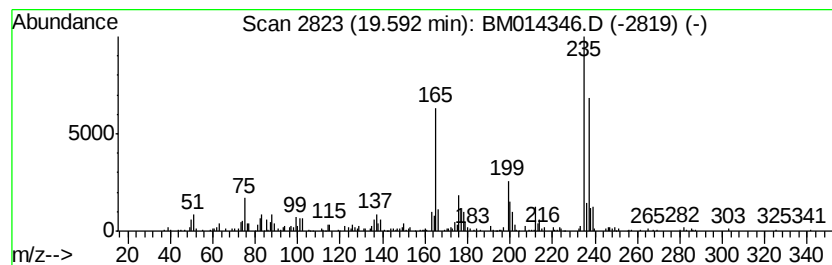
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Mitotane Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.
19.59	2.16 ng/ul	295531	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Mitotane	318	C14H10Cl4	000053-19-0	91
2		Mitotane	318	C14H10Cl4	000053-19-0	91
3		Mitotane	318	C14H10Cl4	000053-19-0	90
4		2,2-Bis(4-chlorophenyl)acetic acid	280	C14H10Cl2O2	000083-05-6	87
5		m,p'-DDD	318	C14H10Cl4	004329-12-8	87



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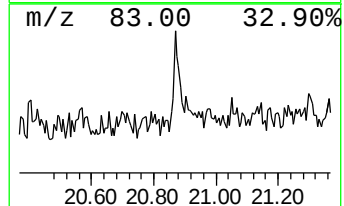
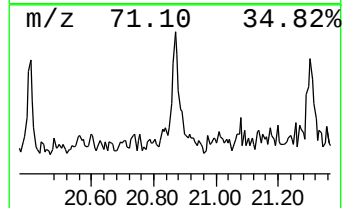
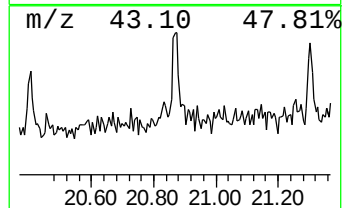
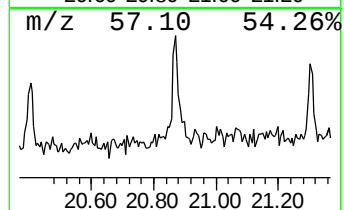
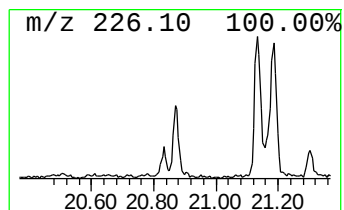
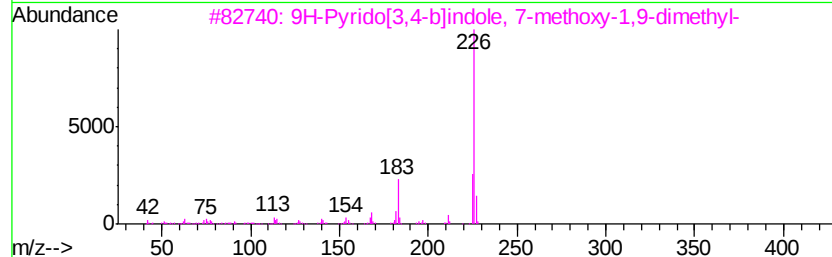
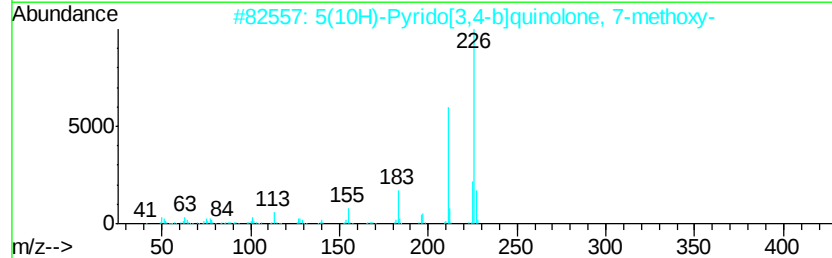
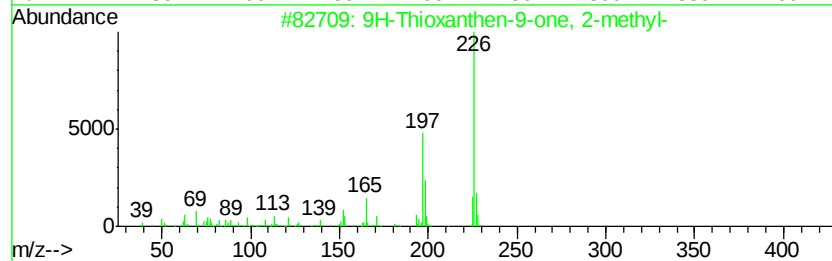
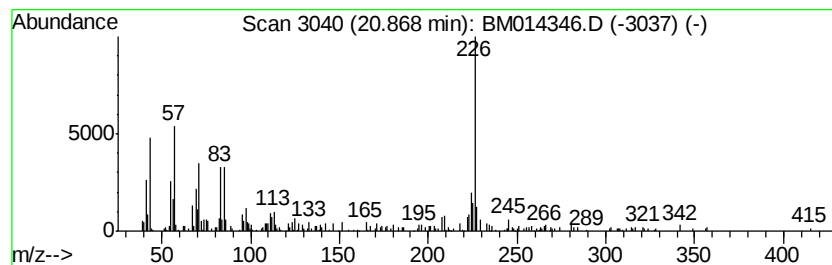
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Peak Number 4 unknown-01 Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
20.87	2.19 ng/ul	299542	Chrysene-d12	21.15

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	9H-Thioxanthen-9-one, 2-methyl-	226	C14H10O	015774-82-0	43
2		5(10H)-Pyrido[3,4-b]quinolone, 7-methoxy-	226	C13H10N2O2	1000256-99-5	43
3		9H-Pyrido[3,4-b]indole, 7-methoxy-	226	C14H14N2O	143502-37-8	43
4		Isonipicotic acid, N-isobutoxy-	327	C18H33NO4	1000322-06-6	38
5		9-Methoxymethyl-1-methyl-3,6-dia-	226	C12H22N2O2	1000216-30-2	38



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Acq On : 24 Feb 2018 00:19
Operator : SJ/JU
Sample : J1631-10 10X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BE5Z1

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION

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

TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
Anthracene, 2-met...	17.86	3.5	ng/ul	397610	4	16.94	2307060	20.0
4H-Cyclopenta[def...	18.01	2.4	ng/ul	280791	4	16.94	2307060	20.0
Mitotane	19.59	2.2	ng/ul	295531	5	21.15	2736040	20.0
unknown-01	20.87	2.2	ng/ul	299542	5	21.15	2736040	20.0