

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM061217\
 Data File : BM010548.D
 Acq On : 12 Jun 2017 22:57
 Operator : SJ/MA
 Sample : I3521-07DL 5X
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5C55DL

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-BM052717.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	7.075	672	678	686	rBV3	73497	130299	1.96%	0.295%
2	7.228	700	704	714	rVB	45981	77275	1.16%	0.175%
3	7.428	733	738	745	rBV3	86299	140161	2.11%	0.318%
4	7.887	809	816	823	rBV	565524	926779	13.94%	2.101%
5	8.610	933	939	950	rBV2	80282	150365	2.26%	0.341%
6	9.075	1010	1018	1028	rBV2	65504	113382	1.71%	0.257%
7	9.787	1132	1139	1146	rBV3	57106	99450	1.50%	0.225%
8	10.322	1222	1230	1240	rBV3	92500	186201	2.80%	0.422%
9	10.686	1286	1292	1297	rBV	688852	1123605	16.90%	2.547%
10	10.739	1297	1301	1308	rVB	144402	248597	3.74%	0.564%
11	10.863	1317	1322	1330	rBV3	68120	133134	2.00%	0.302%
12	12.345	1569	1574	1582	rVB3	49254	89958	1.35%	0.204%
13	13.939	1840	1845	1849	rBV	192975	286794	4.31%	0.650%
14	13.986	1849	1853	1861	rVB	163553	234881	3.53%	0.533%
15	14.222	1888	1893	1896	rBV	210585	326105	4.91%	0.739%
16	14.251	1896	1898	1905	rVB	101205	139933	2.11%	0.317%
17	14.522	1935	1944	1951	rBV2	1010252	1581443	23.79%	3.586%
18	14.592	1951	1956	1961	rVB2	47233	76295	1.15%	0.173%
19	14.780	1983	1988	1993	rBV4	39050	75852	1.14%	0.172%
20	14.927	2006	2013	2018	rBV	79633	132110	1.99%	0.300%
21	15.516	2105	2113	2118	rBV	301932	452157	6.80%	1.025%
22	15.574	2118	2123	2131	rVB2	129932	188613	2.84%	0.428%
23	15.645	2131	2135	2140	rBV2	66651	110610	1.66%	0.251%
24	16.010	2192	2197	2204	rVB7	41404	81102	1.22%	0.184%
25	16.204	2220	2230	2236	rBV2	106761	199655	3.00%	0.453%
26	17.004	2361	2366	2372	rVB7	47245	85939	1.29%	0.195%
27	17.092	2377	2381	2390	rVB2	50778	81598	1.23%	0.185%
28	17.274	2406	2412	2416	rBV	1403917	2062467	31.03%	4.676%
29	17.315	2416	2419	2424	rVV	466009	606010	9.12%	1.374%
30	17.368	2424	2428	2431	rVV	329892	474902	7.14%	1.077%
31	17.404	2431	2434	2441	rVB	251448	378533	5.69%	0.858%
32	17.692	2473	2483	2490	rBV4	118138	248671	3.74%	0.564%
33	17.786	2494	2499	2502	rBV5	51593	85565	1.29%	0.194%
34	18.139	2552	2559	2563	rBV6	48212	96744	1.46%	0.219%

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35	18.345	2588	2594	2598	rBV	215671	326344	4.91%	0.740%
36	18.639	2639	2644	2649	rVB6	42575	67562	1.02%	0.153%
37	19.209	2732	2741	2748	rBV	192075	402507	6.06%	0.913%
38	19.321	2754	2760	2765	rVB	1037051	1352479	20.35%	3.066%
39	19.574	2798	2803	2810	rBV3	78491	161004	2.42%	0.365%
40	19.656	2812	2817	2819	rBV2	555355	852115	12.82%	1.932%
41	19.692	2819	2823	2829	rVV	3556678	4527316	68.11%	10.265%
42	19.745	2829	2832	2838	rVB4	97564	159008	2.39%	0.361%
43	19.862	2849	2852	2856	rVB2	100861	112175	1.69%	0.254%
44	19.998	2870	2875	2877	rBV5	183961	316509	4.76%	0.718%
45	20.139	2894	2899	2902	rBV3	214577	430727	6.48%	0.977%
46	20.174	2903	2905	2911	rVB	351686	403237	6.07%	0.914%
47	20.274	2918	2922	2925	rBV	287391	356731	5.37%	0.809%
48	20.333	2925	2932	2936	rVB2	345262	632468	9.52%	1.434%
49	20.474	2952	2956	2959	rBV	274172	369599	5.56%	0.838%
50	20.521	2961	2964	2971	rVB3	189736	279100	4.20%	0.633%
51	20.603	2975	2978	2982	rBV5	90922	149734	2.25%	0.339%
52	20.874	3022	3024	3027	rBV3	87980	95909	1.44%	0.217%
53	21.086	3056	3060	3064	rBV	281364	462137	6.95%	1.048%
54	21.127	3064	3067	3070	rVV	293110	332213	5.00%	0.753%
55	21.162	3070	3073	3078	rVV2	391699	536748	8.08%	1.217%
56	21.439	3112	3120	3124	rBV2	3268233	6647033	100.00%	15.070%
57	21.474	3124	3126	3131	rVB	1134783	1454397	21.88%	3.297%
58	21.598	3144	3147	3152	rBV2	186846	236600	3.56%	0.536%
59	23.062	3390	3396	3402	rBV	1883220	4606368	69.30%	10.444%
60	23.244	3423	3427	3433	rVB	302459	494156	7.43%	1.120%
61	23.568	3477	3482	3487	rBV	859368	1497380	22.53%	3.395%
62	23.621	3488	3491	3494	rVV2	323440	502005	7.55%	1.138%
63	23.668	3495	3499	3506	rVB	1054810	1870865	28.15%	4.242%
64	23.774	3511	3517	3522	rBV2	1686311	3046911	45.84%	6.908%

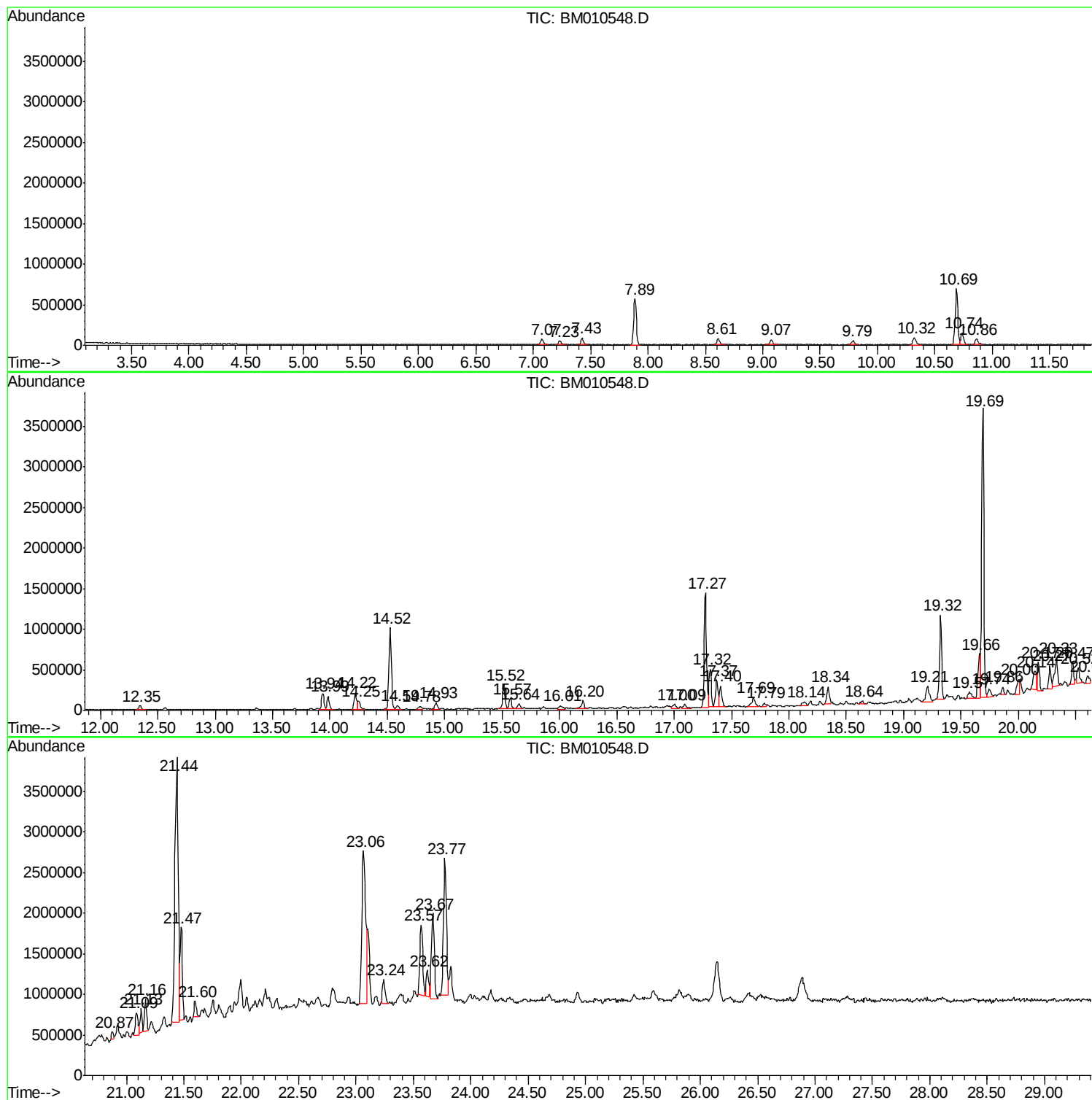
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ClientSampleId :
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Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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



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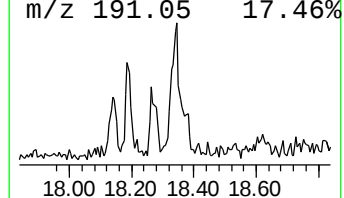
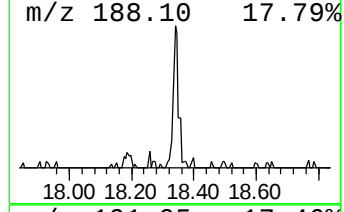
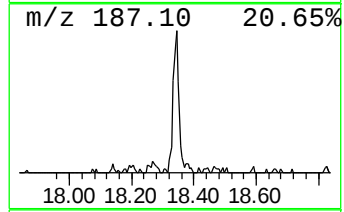
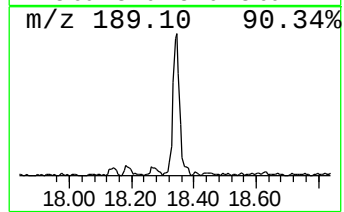
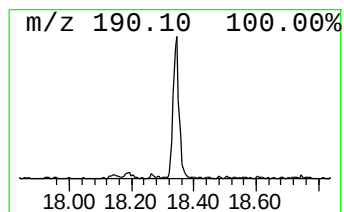
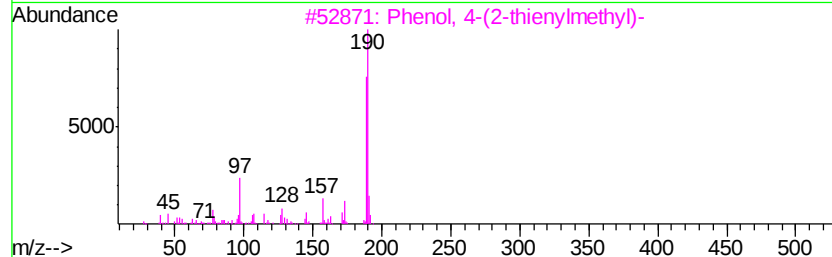
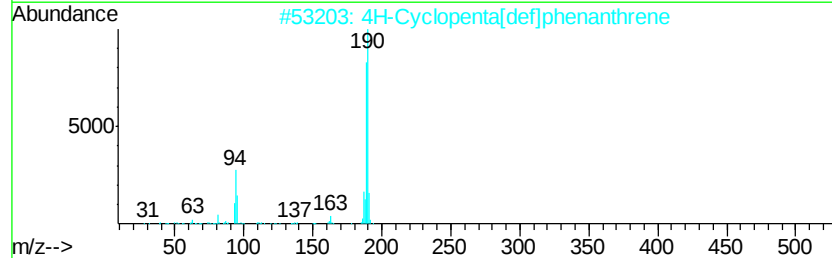
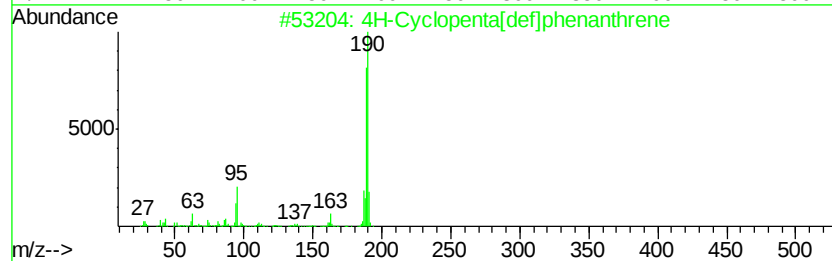
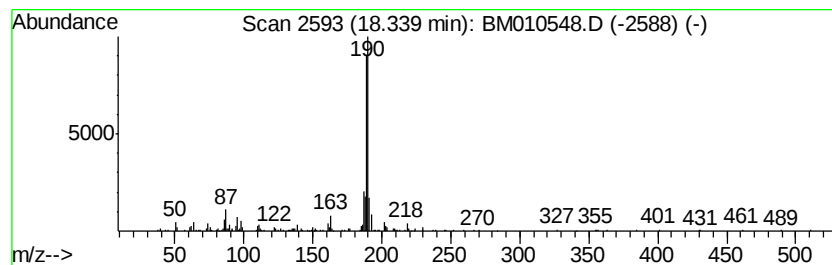
Instrument :
BNA_M
ClientSampleId :
F5C55DL

Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM052717.M
Quant Title : SVOA CALIBRATION

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

Peak Number 1 4H-Cyclopenta[def]phenanthrene Concentration Rank 4

R.T.	EstConc	Area	Relative to ISTD	R.T.	
18.34	3.16 ng/ul	326344	Phenanthrene-d10	17.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	91
2	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	87
3	Phenol, 4-(2-thienylmethyl)-	190	C11H10OS	091680-55-6	72
4	4H-Cyclopenta[def]phenanthrene	190	C15H10	000203-64-5	72
5	Thiophene-3-carboxaldehyde, 5-ch...	190	C5H4BCl03S	036155-87-0	64



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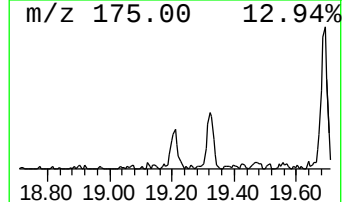
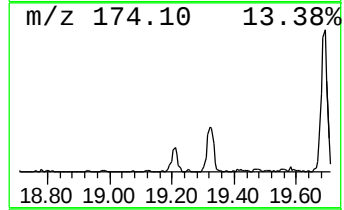
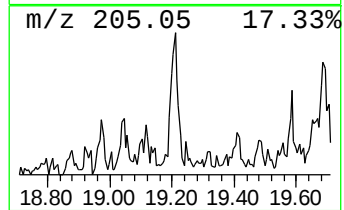
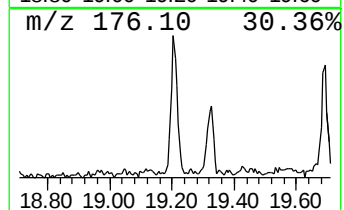
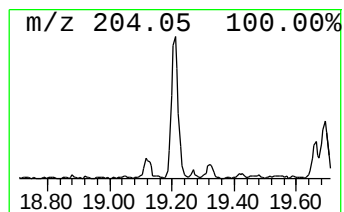
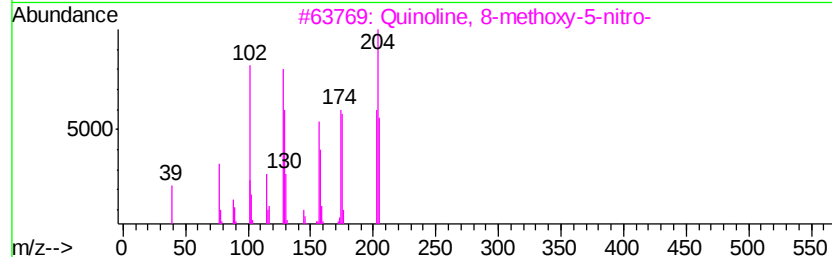
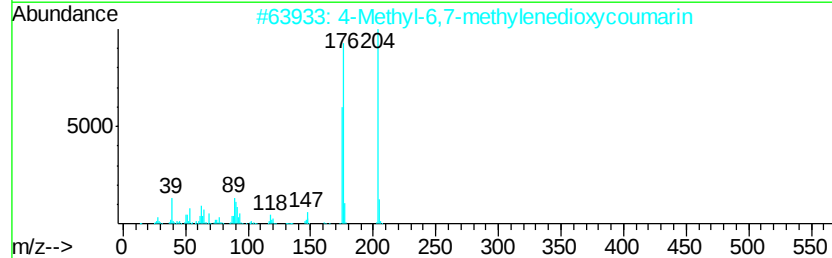
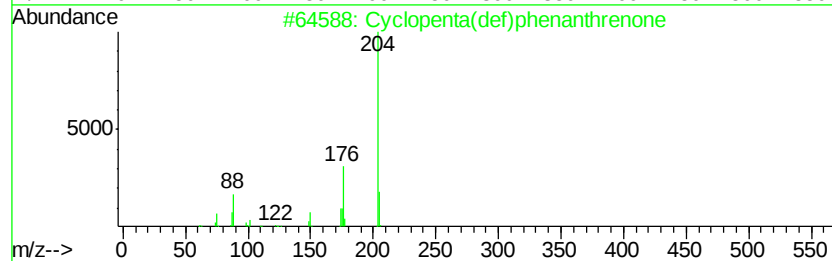
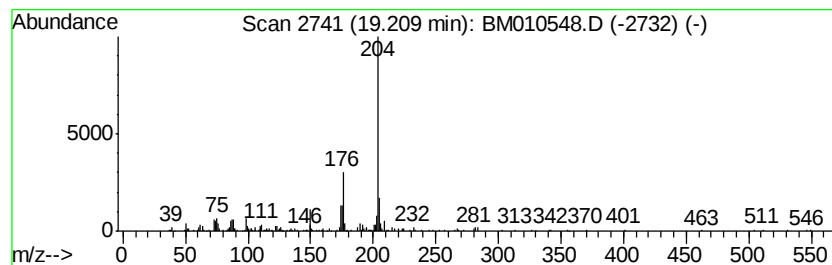
Instrument :
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TIC Library : C:\DATABASE\NIST11.L
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Peak Number 2 Cyclopenta(def)phenanthrenone Concentration Rank 2

R.T.	EstConc	Area	Relative to ISTD	R.T.	
19.21	3.90 ng/ul	402507	Phenanthrene-d10	17.27	
Hit# of 5	Tentative ID	MW	MolForm	CAS#	Qual
1	Cyclopenta(def)phenanthrenone	204	C15H8O	005737-13-3	87
2	4-Methyl-6,7-methylenedioxy coumarin	204	C11H8O4	015071-04-2	78
3	Quinoline, 8-methoxy-5-nitro-	204	C10H8N2O3	1000298-88-7	64
4	[1,1'-Biphenyl]-2,2'-dicarbonitrile	204	C14H8N2	004341-02-0	59
5	5-(2-Bromo-benzylidene)-thiazoli...	283	C10H6BrN02S	1000295-23-9	53



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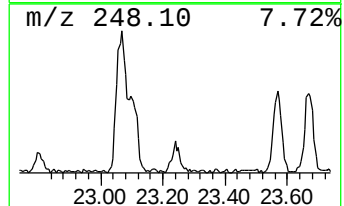
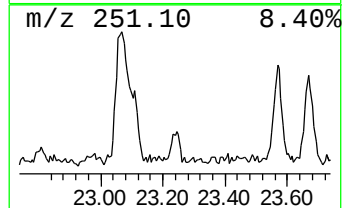
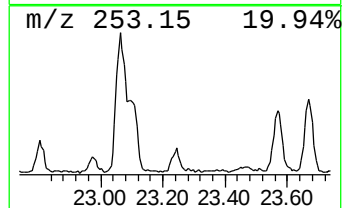
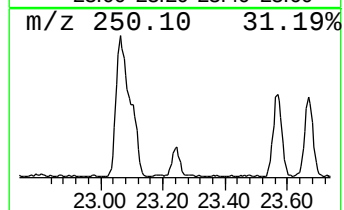
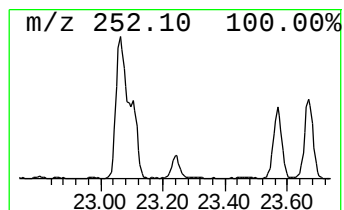
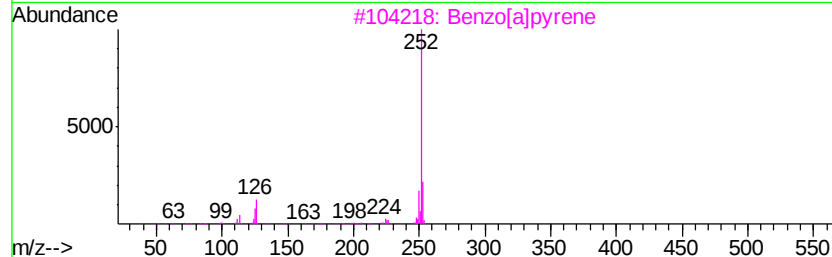
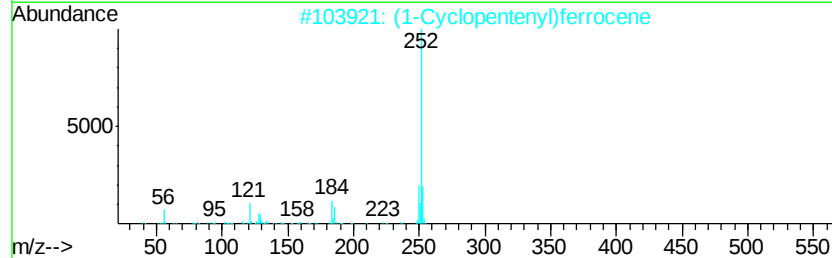
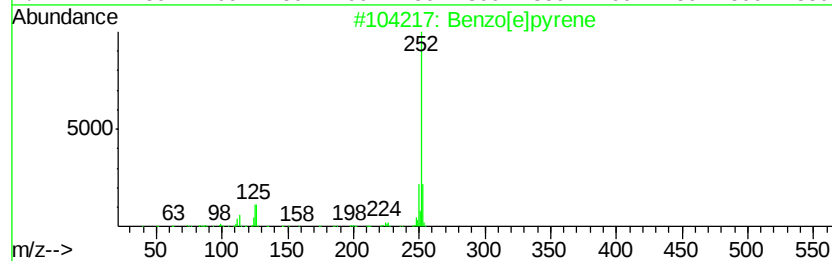
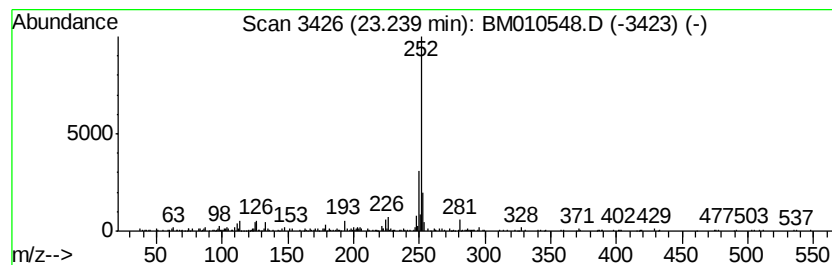
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TIC Library : C:\DATABASE\NIST11.L
TIC Integration Parameters: LSCINT.P

Peak Number 3 Benzo[e]pyrene Concentration Rank 3

R.T.	EstConc	Area	Relative to ISTD	R.T.
23.24	3.24 ng/ul	494156	Perylene-d12	23.77

Hit#	of	Tentative ID	MW	MolForm	CAS#	Qual
1	5	Benzo[e]pyrene	252	C20H12	000192-97-2	76
2		(1-Cyclopentenyl)ferrocene	252	C15H16Fe	012260-67-2	72
3		Benzo[a]pyrene	252	C20H12	000050-32-8	68
4		Perylene	252	C20H12	000198-55-0	68
5		Benz[e]acephenanthrylene	252	C20H12	000205-99-2	64



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TIC Top Hit name	RT	EstConc	Units	Response	--Internal Standard--			
					#	RT	Resp	Conc
4H-Cyclopenta[def...	18.34	3.2	ng/ul	326344	4	17.27	2062470	20.0
Cyclopenta(def)ph...	19.21	3.9	ng/ul	402507	4	17.27	2062470	20.0
Benzo[e]pyrene	23.24	3.2	ng/ul	494156	6	23.77	3046910	20.0