

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA M\DATA\BM111017\  
 Data File : BM012914.D  
 Acq On : 11 Nov 2017 22:22  
 Operator : SJ/JU  
 Sample : I6317-08MS  
 Misc :  
 ALS Vial : 21 Sample Multiplier: 1

**Instrument :**  
 BNA\_M  
**ClientSampleId :**  
 DAHJ3MS

**Manual Integrations**  
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 11/13/2017 4:49:46 PM

Quant Time: Nov 13 03:02:59 2017  
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M  
 Quant Title : SVOA CALIBRATION  
 QLast Update : Mon Nov 13 02:06:47 2017  
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	79746	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	301288	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	172635	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	404468	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	490424	20.00	ng/ul	0.00
22) Perylene-d12	23.62	264	551049	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.12	160	283891	15.81	ng/ul	0.00
10) Fluorene-d10	15.42	176	211685	17.24	ng/ul	0.00
14) Anthracene-d10	17.27	188	314832	16.10	ng/ul	0.00
18) Pyrene-d10	19.56	212	363875	16.58	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.48	264	397753	15.29	ng/ul	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Acenaphthene	14.49	153	185050	15.815	ng/ul	96
13) Phenanthrene	17.21	178	54387	2.434	ng/ul	99
16) Fluoranthene	19.23	202	133350	4.852	ng/ul#	92
19) Pyrene	19.59	202	535458	19.020	ng/ul#	92
20) Benzo(a)anthracene	21.33	228	96726	3.205	ng/ul	98
21) Chrysene	21.39	228	110742	4.107	ng/ul	98
23) Benzo(b)fluoranthene	22.94	252	238241m	7.270	ng/ul	
24) Benzo(k)fluoranthene	22.99	252	83163m	2.655	ng/ul	
26) Benzo(a)pyrene	23.53	252	118886m	3.741	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.93	276	122900	2.998	ng/ul	96
29) Benzo(g,h,i)perylene	26.63	276	110416	3.227	ng/ul	94

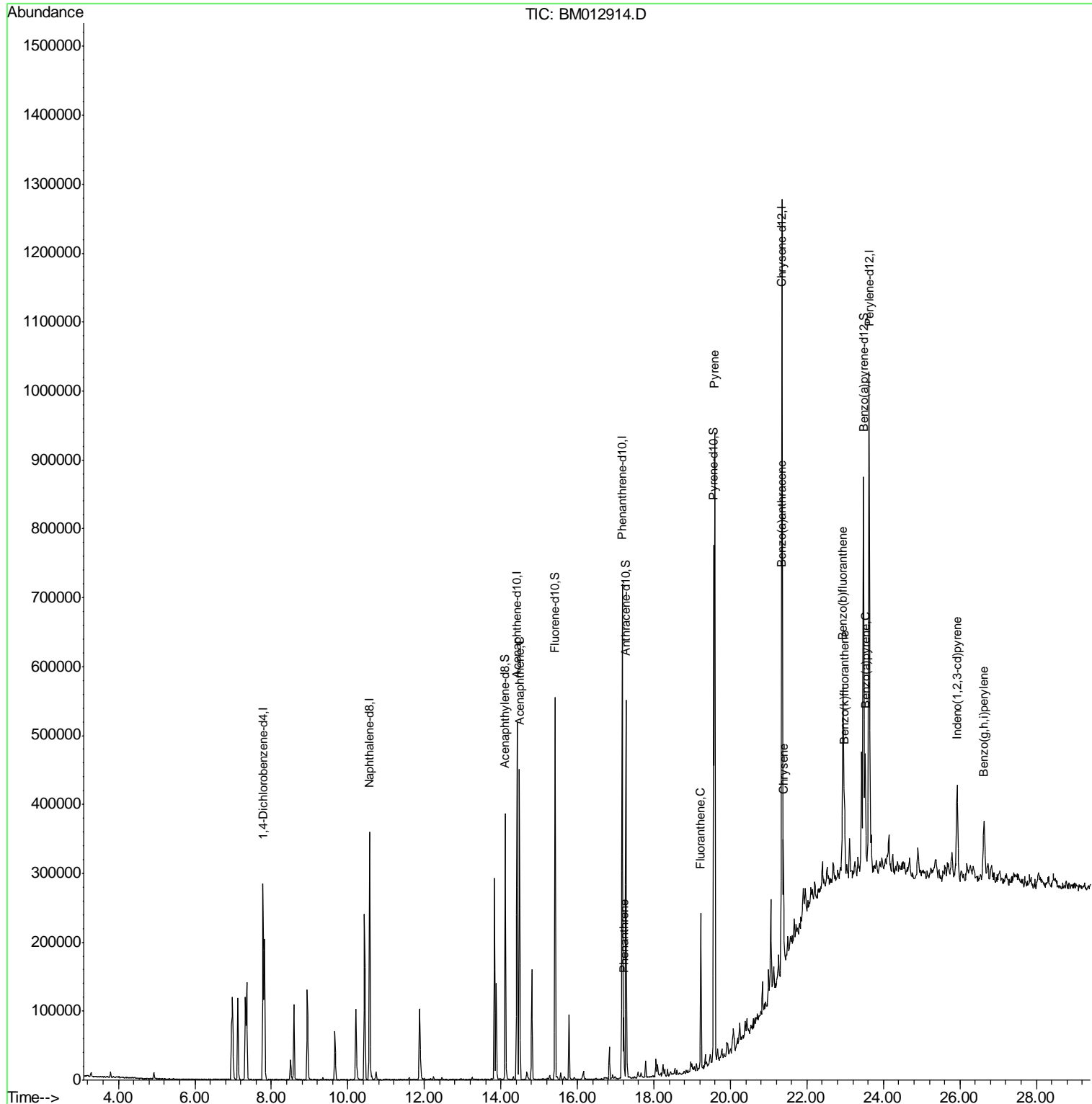
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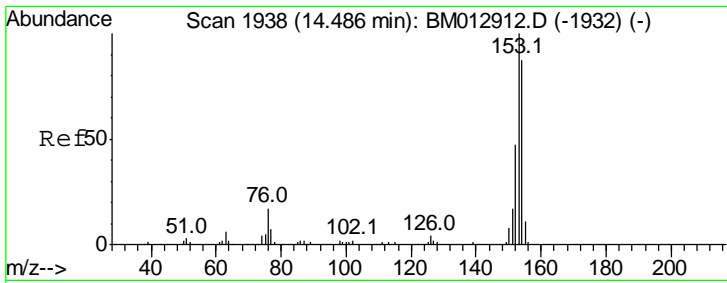
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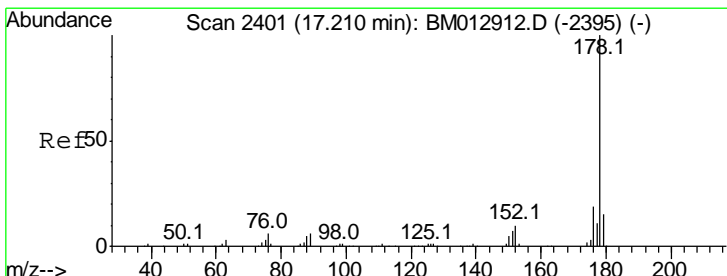
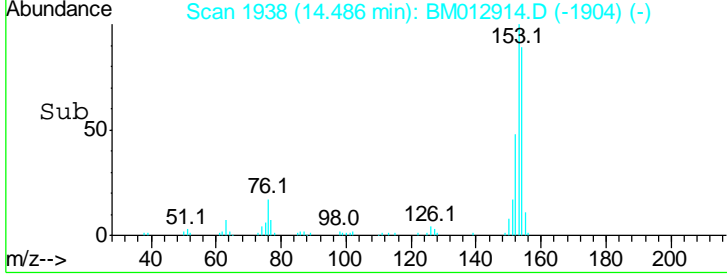
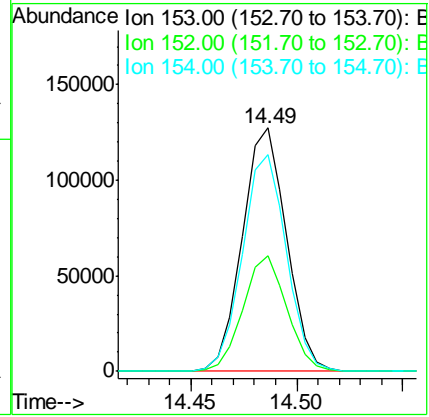
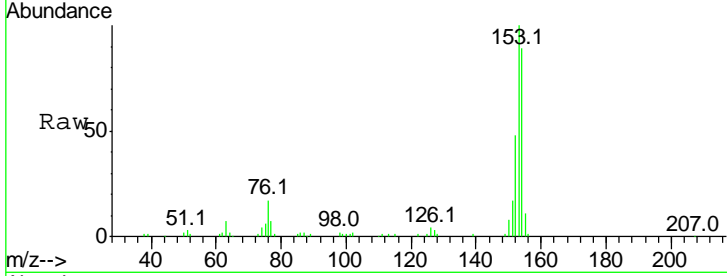
#9  
 Acenaphthene  
 Concen: 15.815 ng/ul  
 RT: 14.49 min Scan# 1938  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

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Tgt Ion	Resp	Lower	Upper
153	100		
152	47.7	39.0	58.6
154	88.9	66.8	100.2

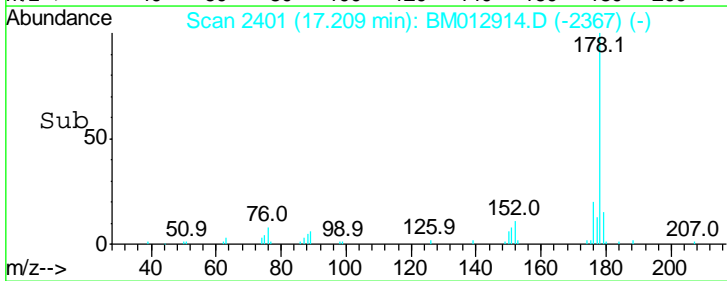
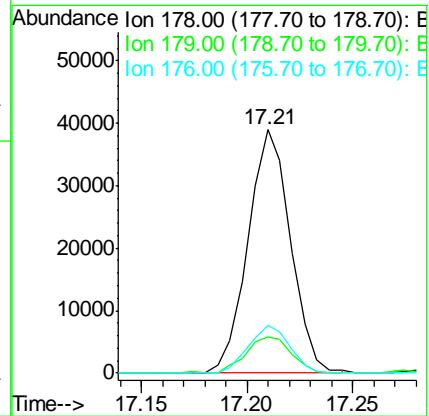
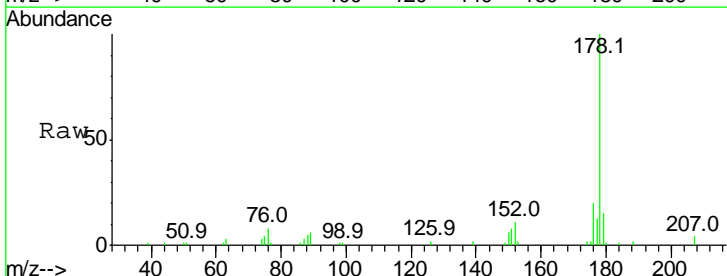
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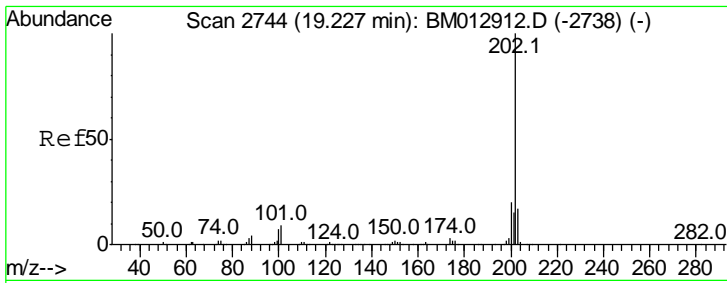
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#13  
 Phenanthrene  
 Concen: 2.434 ng/ul  
 RT: 17.21 min Scan# 2401  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

Tgt Ion	Resp	Lower	Upper
178	100		
179	14.9	12.3	18.5
176	19.6	15.1	22.7





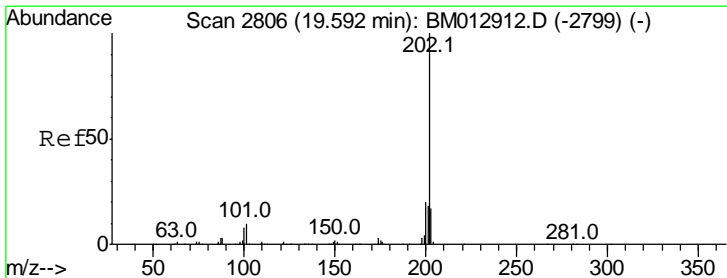
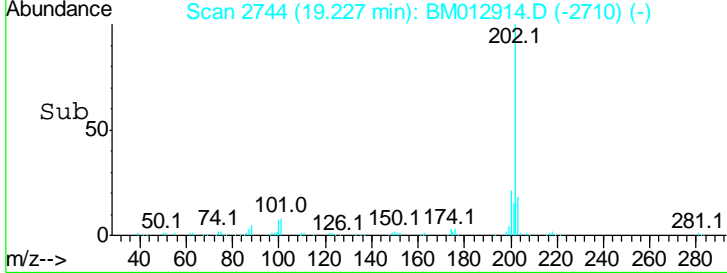
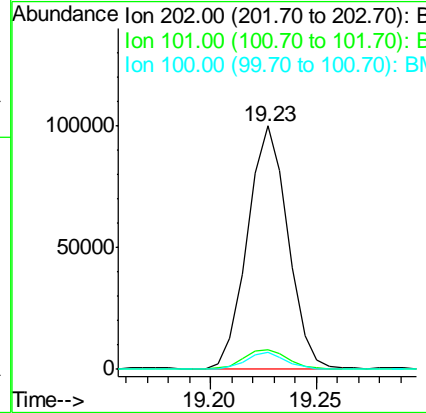
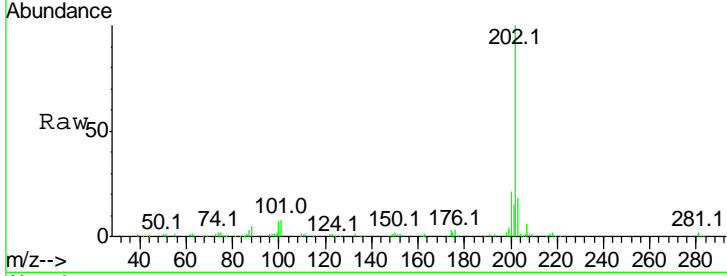
#16  
 Fluoranthene  
 Concen: 4.852 ng/ul  
 RT: 19.23 min Scan# 2744  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

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**ClientSampled :**  
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Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.3	9.9	14.9#
100	7.1	7.4	11.0#

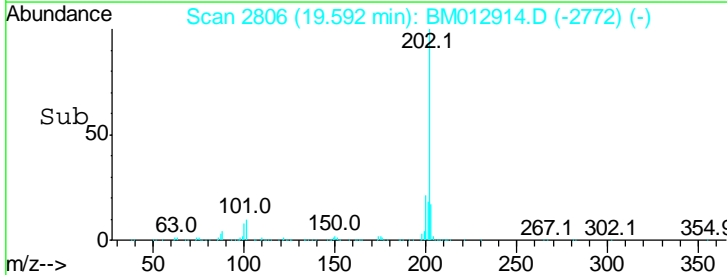
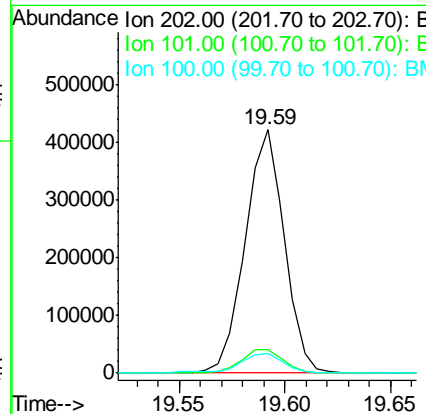
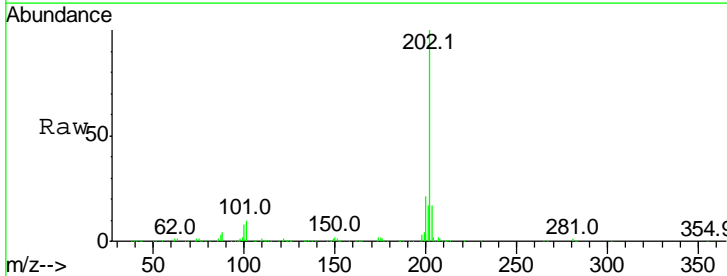
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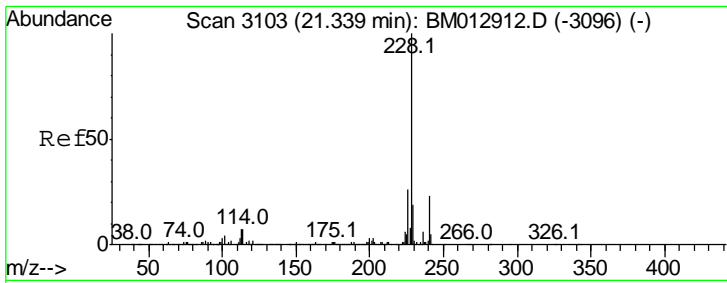
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#19  
 Pyrene  
 Concen: 19.020 ng/ul  
 RT: 19.59 min Scan# 2806  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

Tgt Ion	Ratio	Lower	Upper
202	100		
101	9.7	11.0	16.4#
100	8.3	8.1	12.1



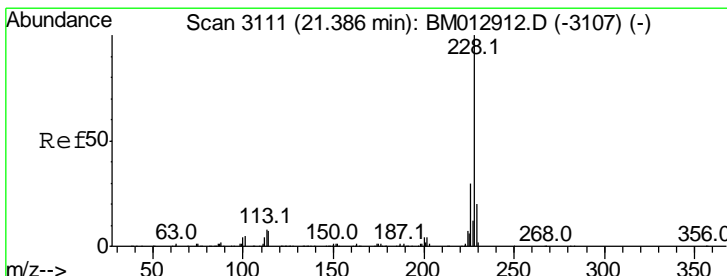
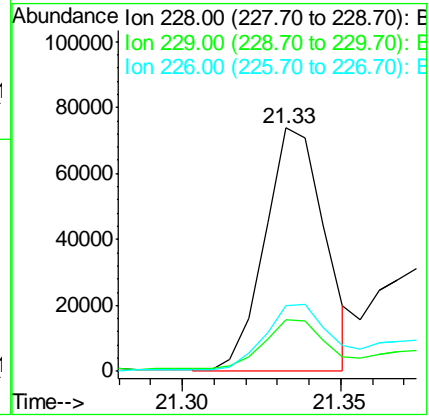
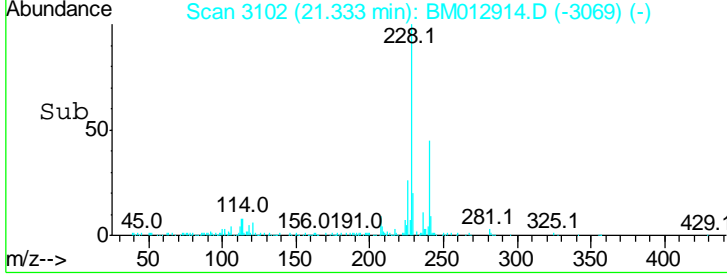
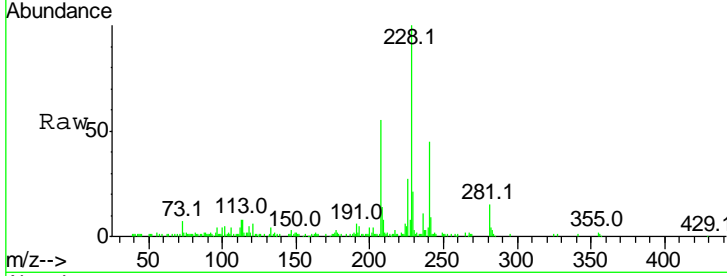


#20  
 Benzo(a)anthracene  
 Concen: 3.205 ng/ul  
 RT: 21.33 min Scan# 3102  
 Delta R.T. -0.01 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

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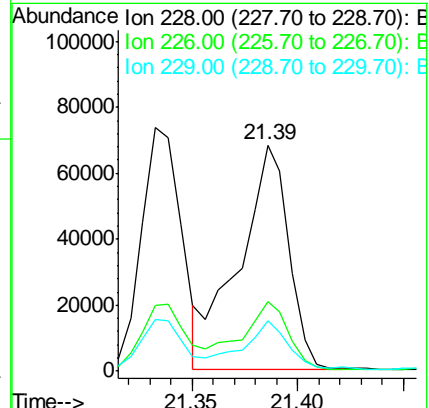
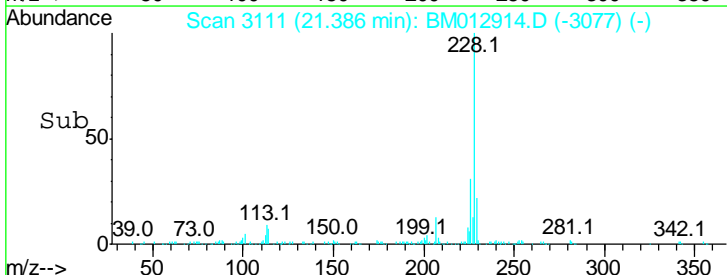
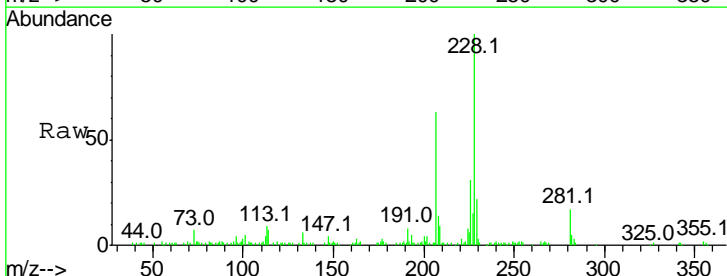
Tgt Ion	Resp	Lower	Upper
228	100		
229	21.2	15.7	23.5
226	26.8	21.1	31.7

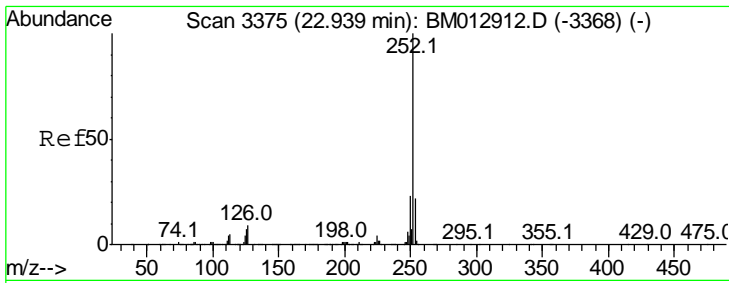
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#21  
 Chrysene  
 Concen: 4.107 ng/ul  
 RT: 21.39 min Scan# 3111  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

Tgt Ion	Resp	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	22.2	15.8	23.8



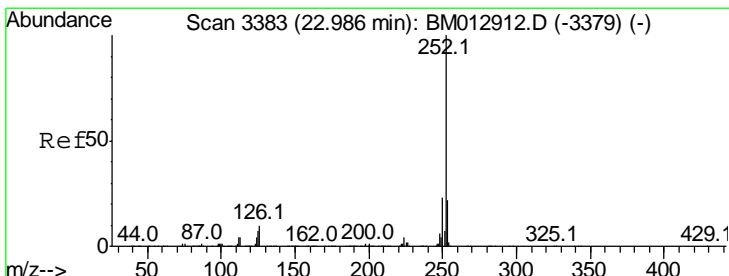
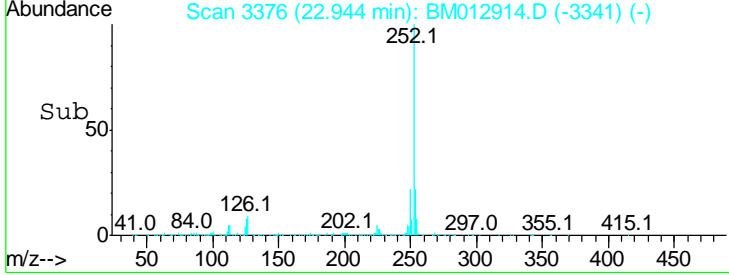
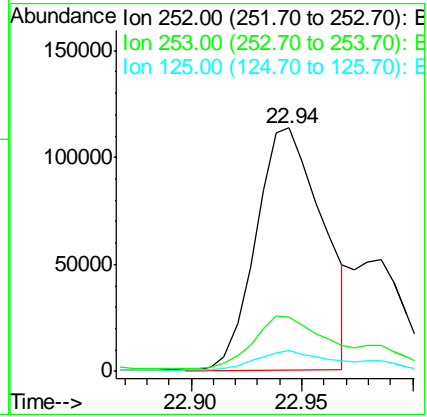
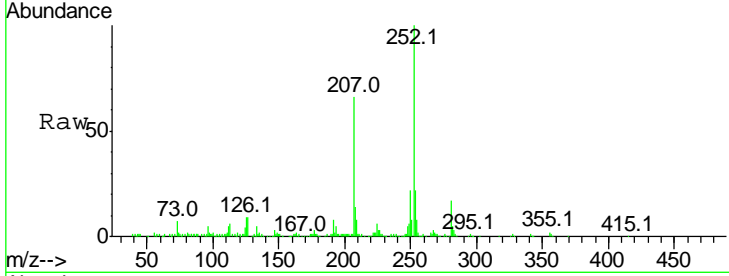


#23  
 Benzo(b)fluoranthene  
 Concen: 7.270 ng/ul m  
 RT: 22.94 min Scan# 3376  
 Delta R.T. 0.01 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

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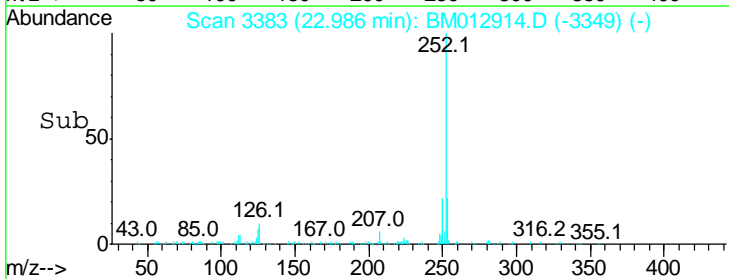
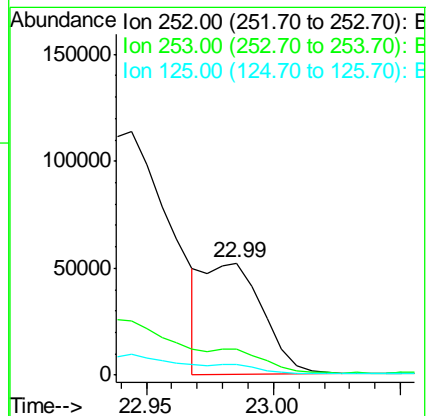
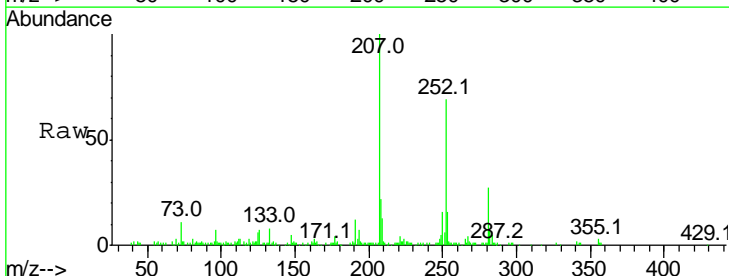
Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.0	27.0
125	8.5	8.0	12.0

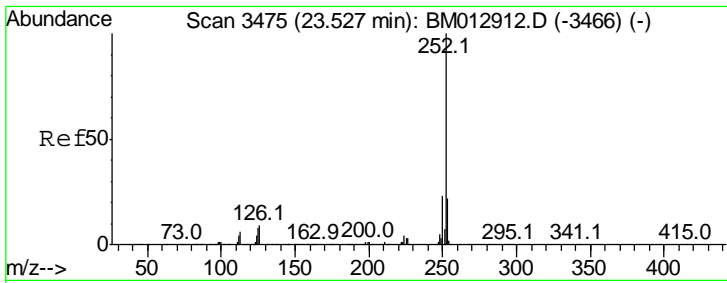
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#24  
 Benzo(k)fluoranthene  
 Concen: 2.655 ng/ul m  
 RT: 22.99 min Scan# 3383  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

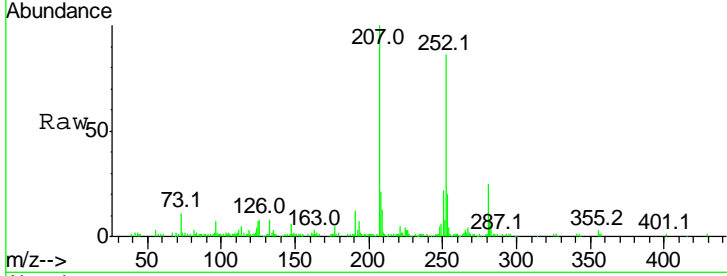
Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.6	18.0	27.0
125	9.1	8.1	12.1





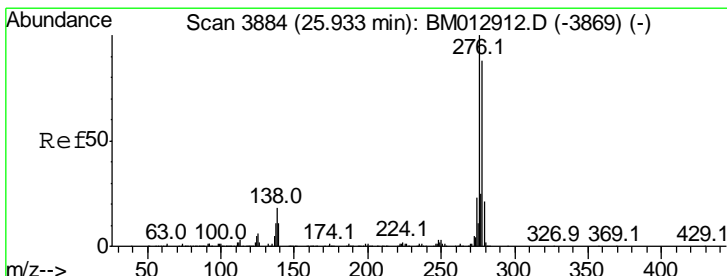
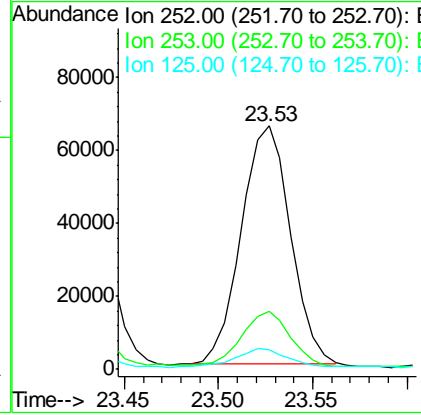
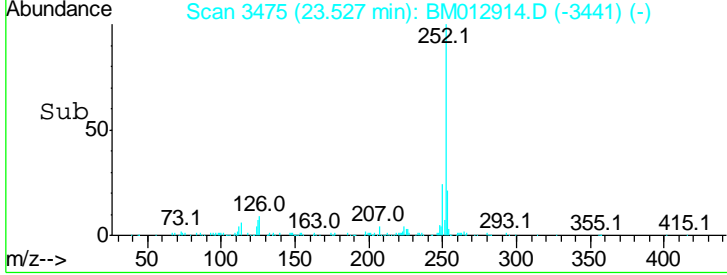
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 Benzo(a)pyrene  
 Concen: 3.741 ng/ul m  
 RT: 23.53 min Scan# 3475  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

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 BNA\_M  
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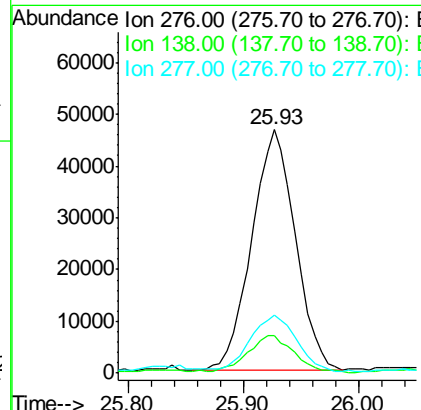
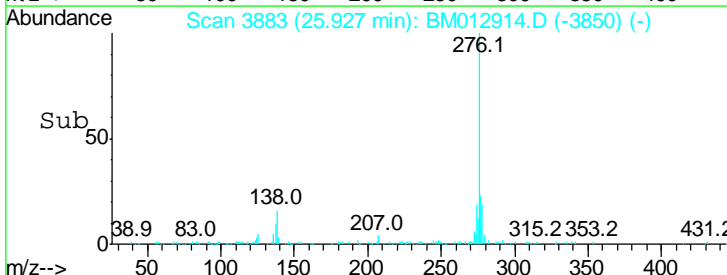
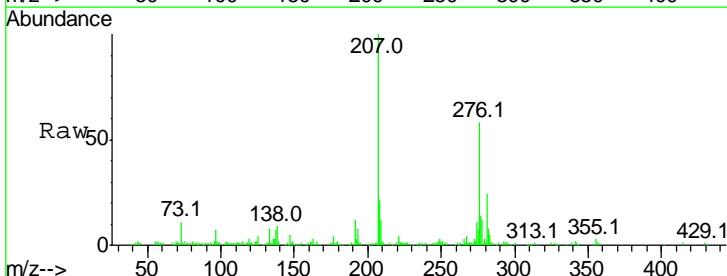
Tgt Ion	Resp	Lower	Upper
252	100		
253	23.7	17.2	25.8
125	8.2	8.2	12.4

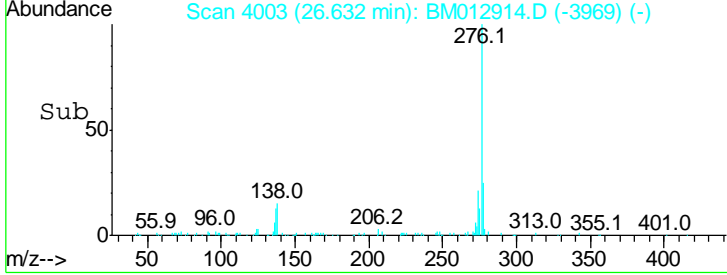
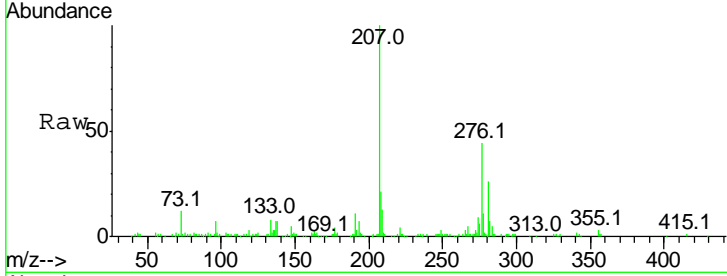
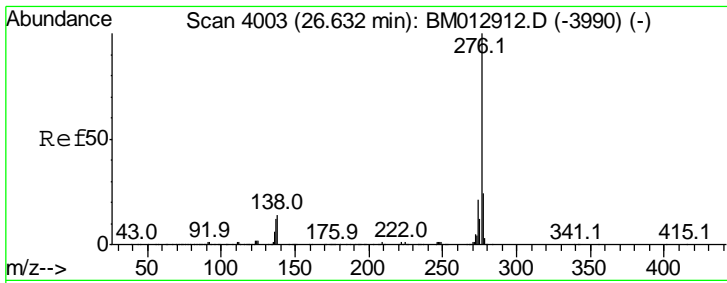
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#27  
 Indeno(1,2,3-cd)pyrene  
 Concen: 2.998 ng/ul  
 RT: 25.93 min Scan# 3883  
 Delta R.T. -0.01 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

Tgt Ion	Resp	Lower	Upper
276	100		
138	15.6	14.4	21.6
277	23.7	18.0	27.0





#29  
 Benzo(a,h,i)perylene  
 Concen: 3.227 ng/ul  
 RT: 26.63 min Scan# 4003  
 Delta R.T. -0.00 min  
 Lab File: BM012914.D  
 Acq: 11 Nov 2017 22:22

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.3	22.9
277	25.9	19.0	28.4

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