

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012927.D
 Acq On : 12 Nov 2017 06:02
 Operator : SJ/JU
 Sample : I6322-01
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHH9

Manual Integrations
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SOHIL
 11/13/2017 4:50:12 PM

Quant Time: Nov 13 04:01:10 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	7.79	152	81674	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	315127	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	185549	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	433616	20.00	ng/ul	0.00
17) Chrysene-d12	21.36	240	519525	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	590970	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	403942	20.93	ng/ul	0.00
10) Fluorene-d10	15.42	176	293147	22.21	ng/ul	0.00
14) Anthracene-d10	17.27	188	468494	22.35	ng/ul	0.00
18) Pyrene-d10	19.57	212	520226	22.38	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	623177	22.34	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.22	178	214777	8.968	ng/ul	99
15) Anthracene	17.30	178	48652	1.955	ng/ul	98
16) Fluoranthene	19.23	202	487260	16.538	ng/ul#	91
19) Pyrene	19.60	202	368465	12.355	ng/ul#	92
20) Benzo(a)anthracene	21.34	228	269460	8.429	ng/ul	98
21) Chrysene	21.39	228	233216	8.164	ng/ul	95
23) Benzo(b)fluoranthene	22.95	252	407079m	11.584	ng/ul	
24) Benzo(k)fluoranthene	22.99	252	124626m	3.711	ng/ul	
26) Benzo(a)pyrene	23.54	252	238522m	6.998	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.94	276	204391	4.649	ng/ul#	93
28) Dibenzo(a,h)anthracene	25.94	278	59186	1.602	ng/ul#	89
29) Benzo(g,h,i)perylene	26.64	276	150849	4.111	ng/ul	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed

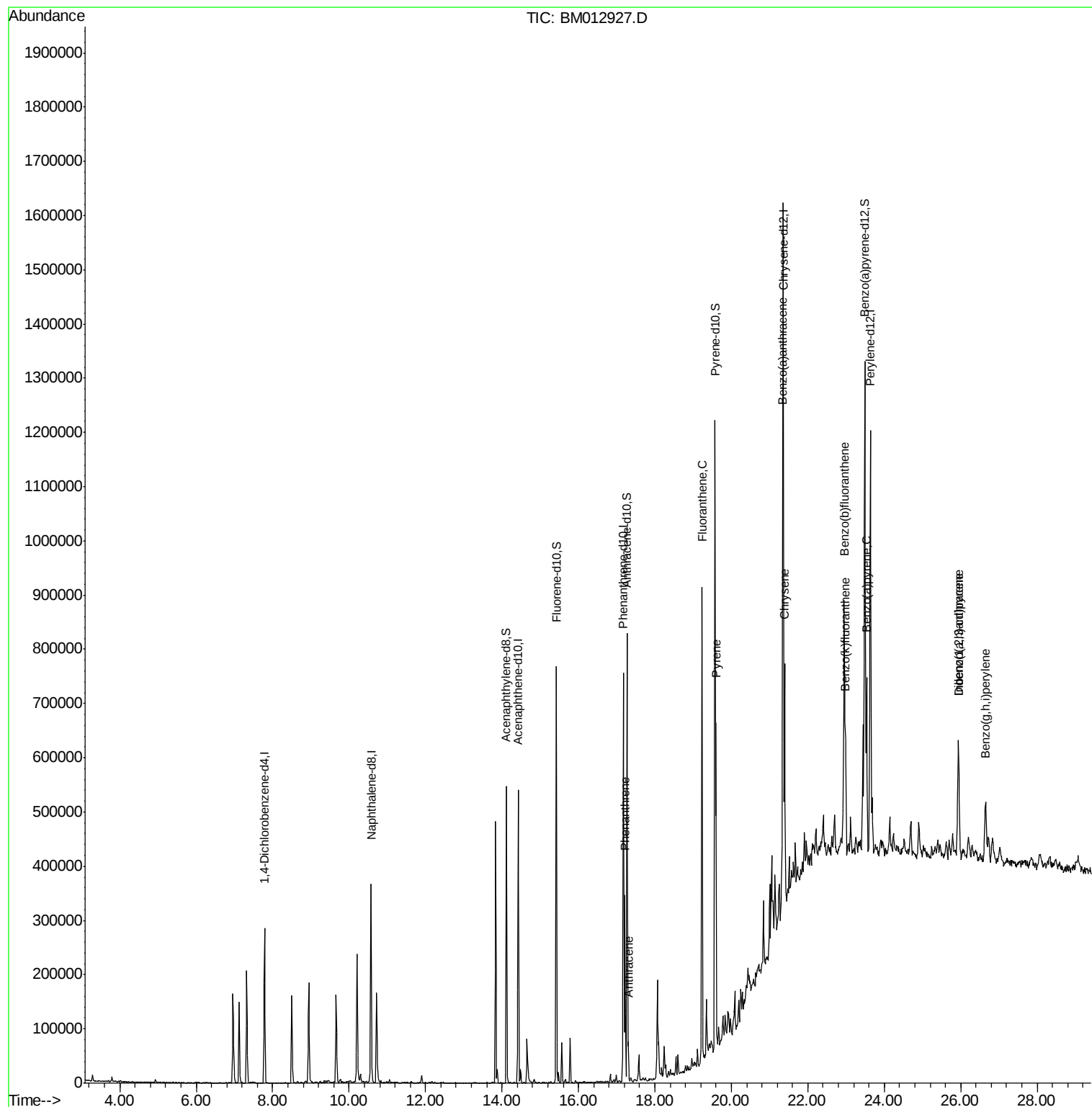
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012927.D
Acq On : 12 Nov 2017 06:02
Operator : SJ/JU
Sample : I6322-01
Misc :
ALS Vial : 34 Sample Multiplier: 1

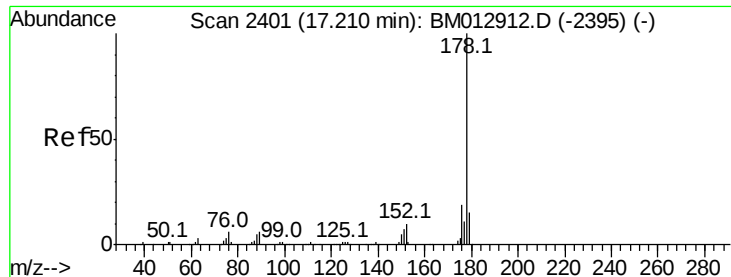
Instrument :
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ClientSampleId :
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Quant Time: Nov 13 04:01:10 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM111017MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Mon Nov 13 02:06:47 2017
Response via : Initial Calibration





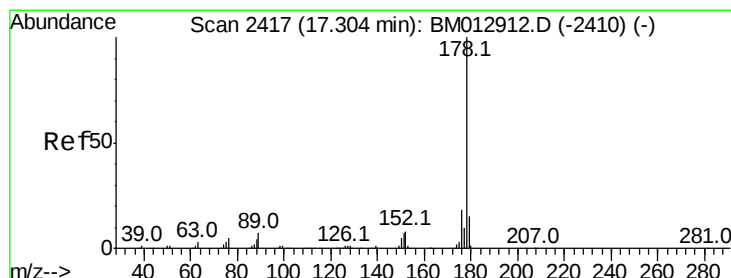
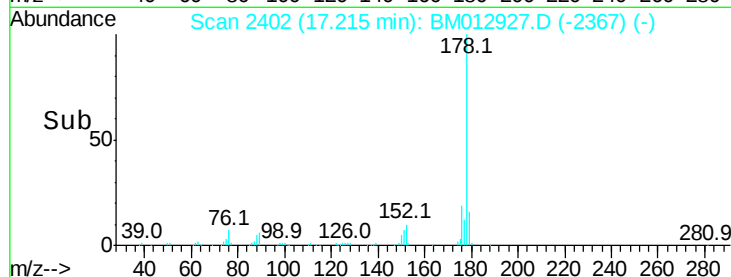
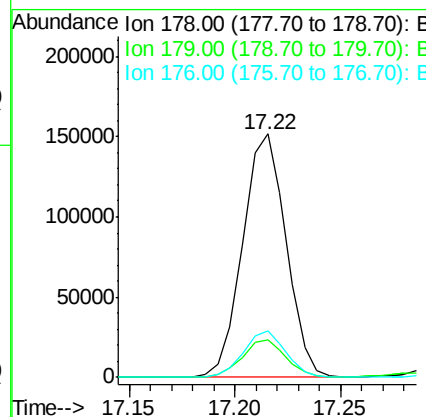
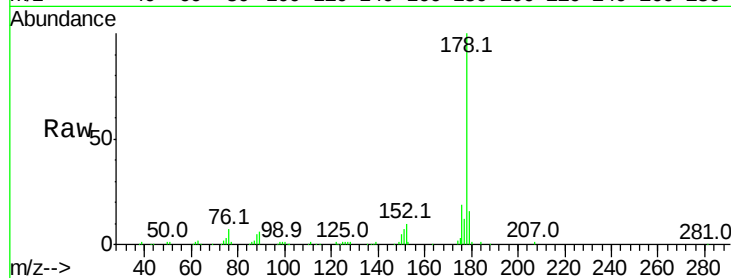
#13
Phenanthrene
Concen: 8.968 ng/ul
RT: 17.22 min Scan# 2402
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :
DAH9

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.3	18.5
176	19.3	15.1	22.7

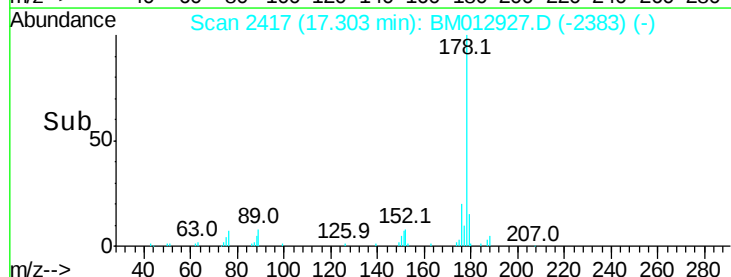
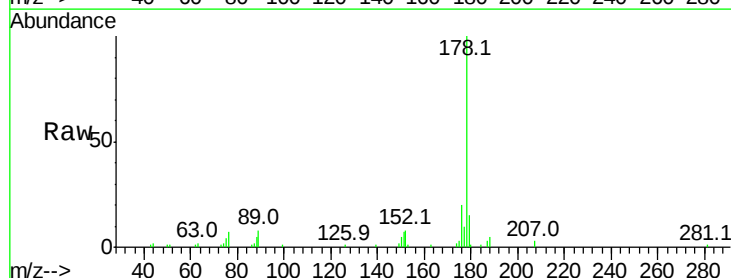
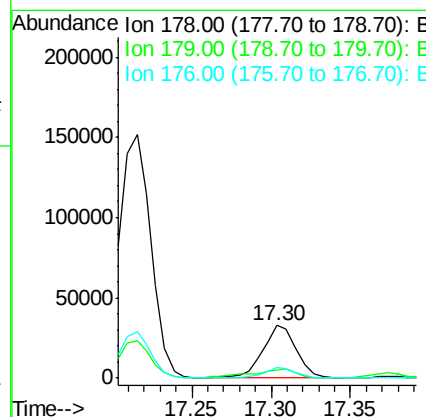
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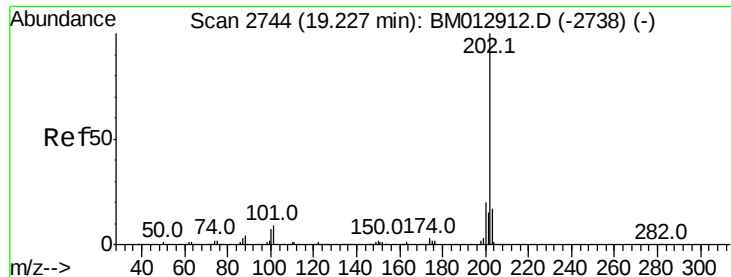
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#15
Anthracene
Concen: 1.955 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	20.2	15.2	22.8





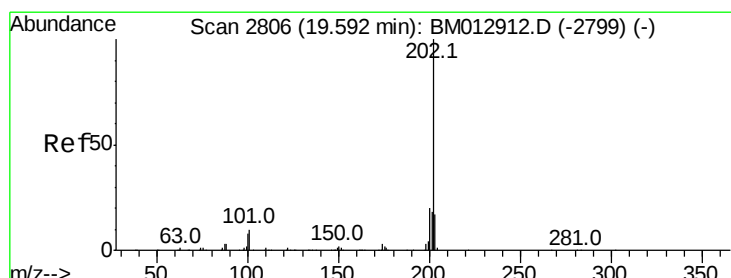
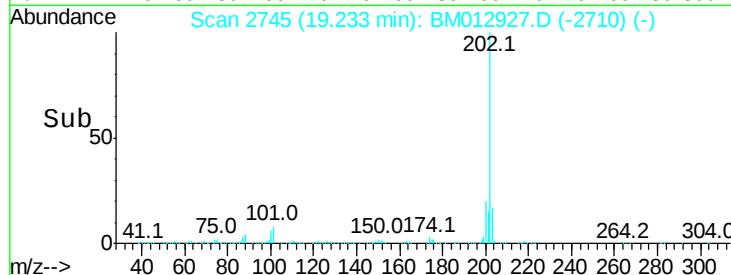
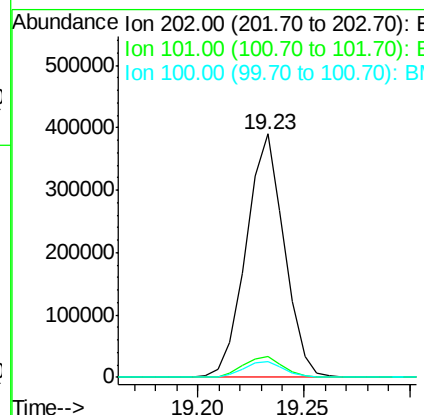
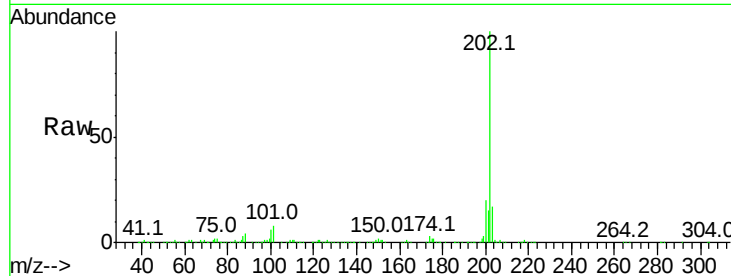
#16
Fluoranthene
 Concen: 16.538 ng/ul
 RT: 19.23 min Scan# 2745
 Delta R.T. 0.01 min
 Lab File: BM012927.D
 Acq: 12 Nov 2017 06:02

Instrument :
 BNA_M
 ClientSampleId :
 DAHH9

Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	8.4	9.9	14.9#
100	6.3	7.4	11.0#

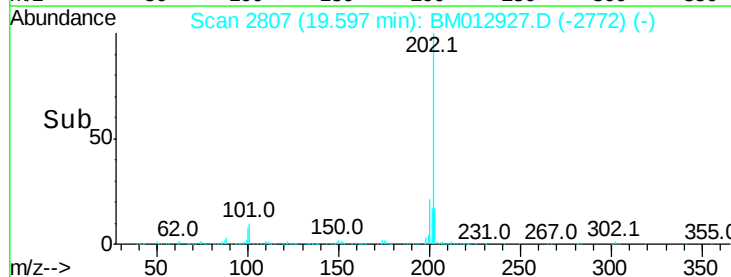
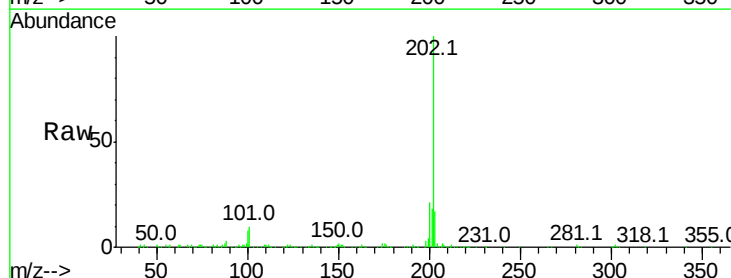
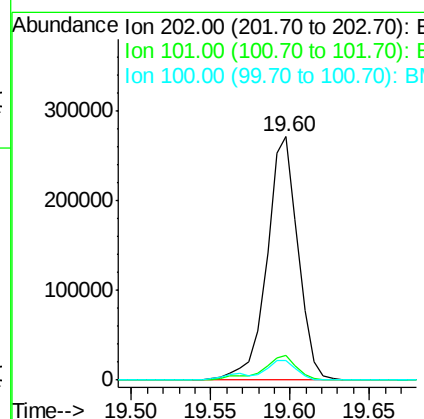
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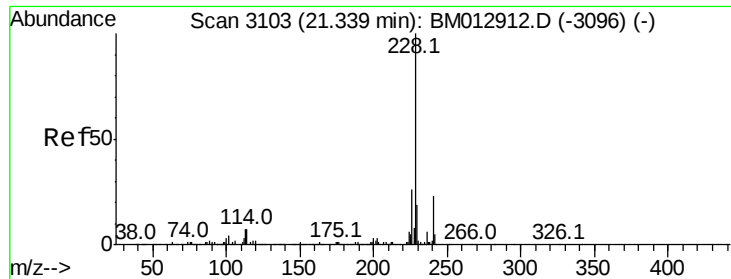
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#19
Pyrene
 Concen: 12.355 ng/ul
 RT: 19.60 min Scan# 2807
 Delta R.T. 0.01 min
 Lab File: BM012927.D
 Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Resp Lower	Upper
202	100		
101	10.1	11.0	16.4#
100	8.0	8.1	12.1#





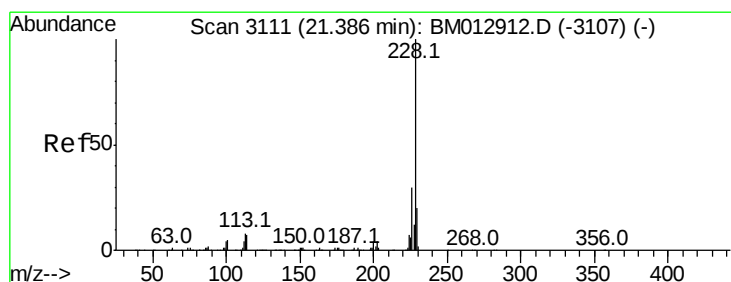
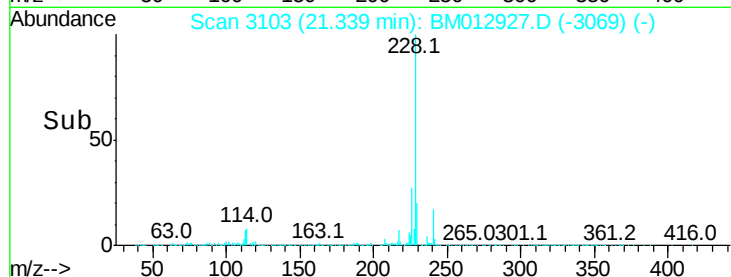
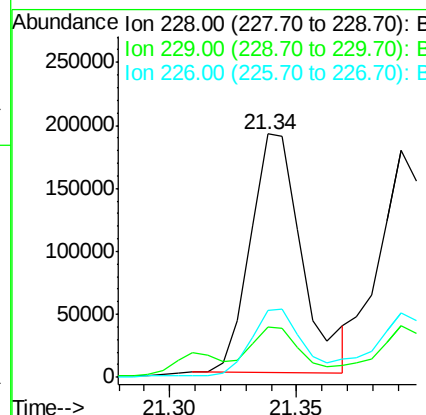
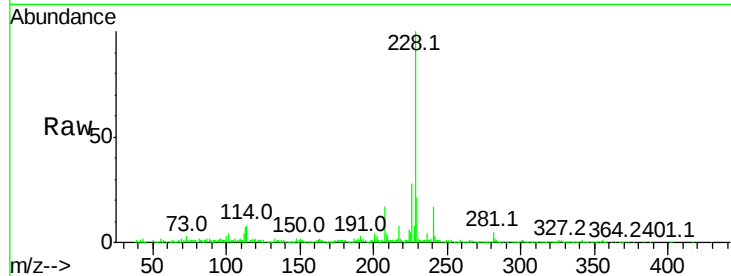
#20
Benzo(a)anthracene
Concen: 8.429 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampled :
DAH9

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	27.7	21.1	31.7

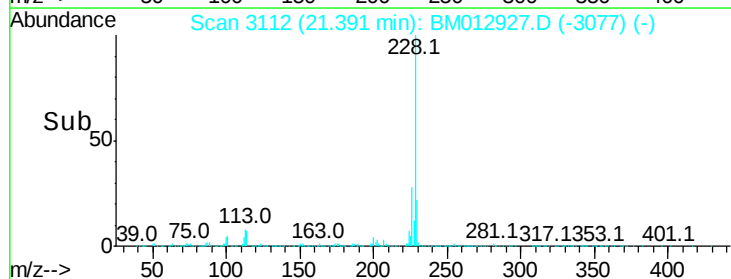
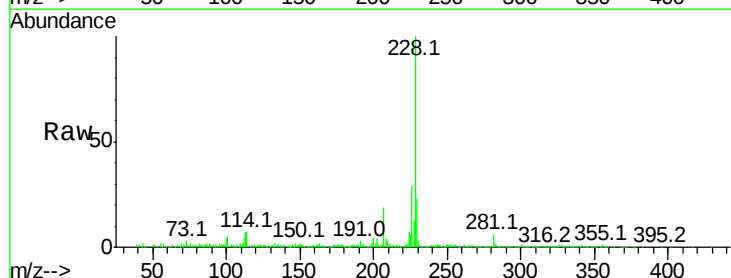
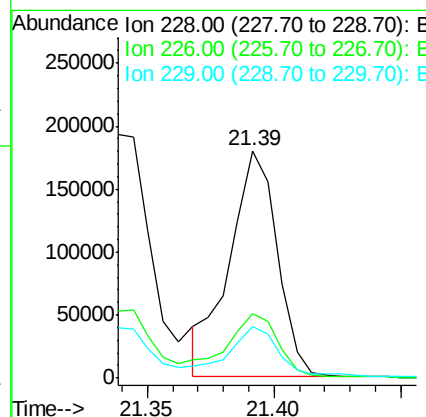
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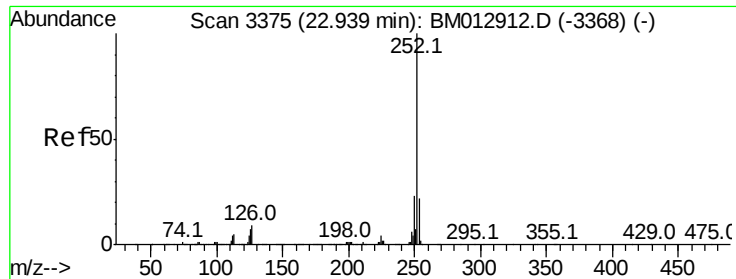
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#21
Chrysene
Concen: 8.164 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Lower	Upper
228	100		
226	28.6	24.5	36.7
229	22.8	15.8	23.8





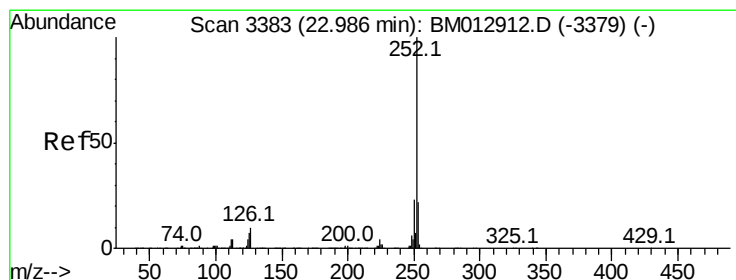
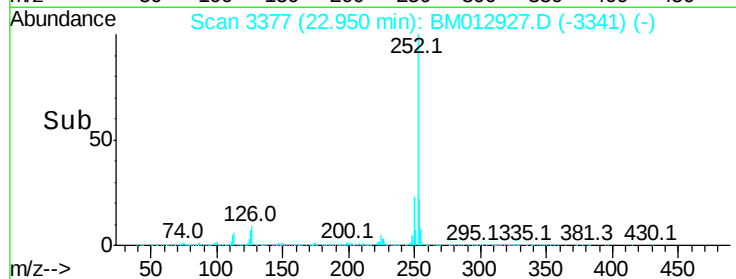
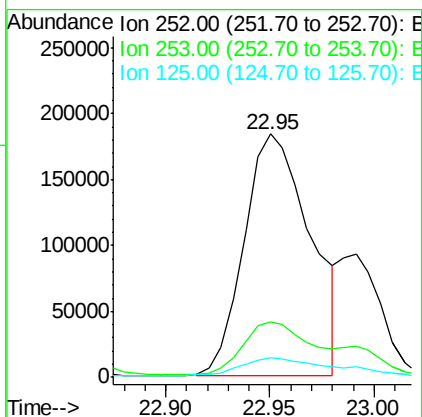
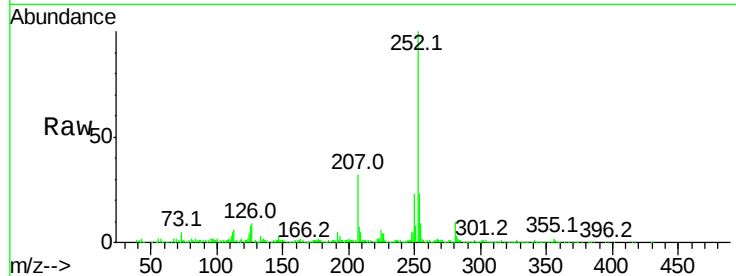
#23
Benzo(b)fluoranthene
Concen: 11.584 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampled :
DAHH9

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.0	27.0
125	8.1	8.0	12.0

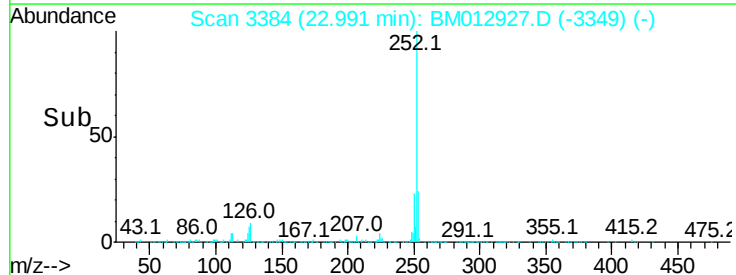
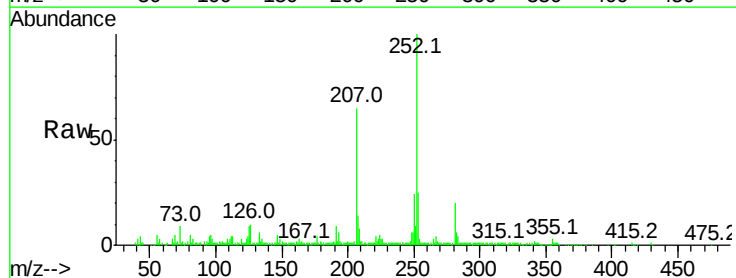
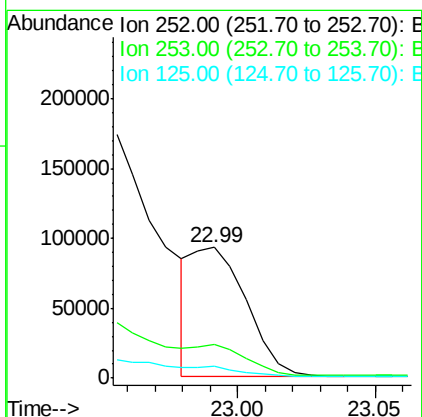
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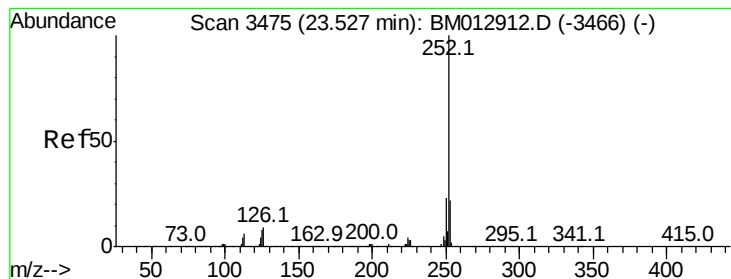
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#24
Benzo(k)fluoranthene
Concen: 3.711 ng/ul m
RT: 22.99 min Scan# 3384
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.3	18.0	27.0
125	8.8	8.1	12.1





#26

Benzo(a)pyrene

Concen: 6.998 ng/ul m

RT: 23.54 min Scan# 3477

Delta R.T. 0.01 min

Lab File: BM012927.D

Acq: 12 Nov 2017 06:02

Instrument :

BNA_M

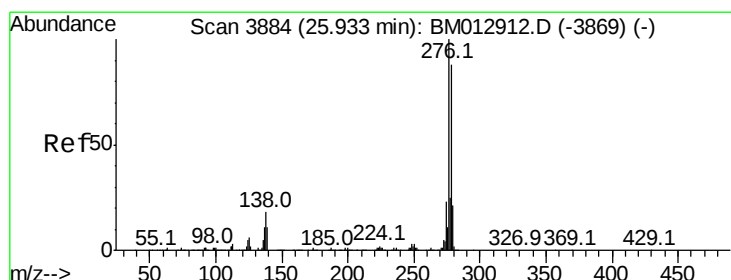
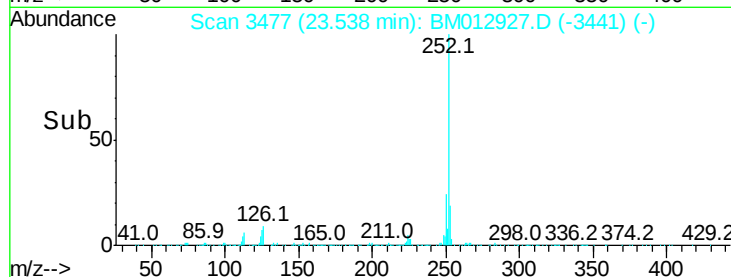
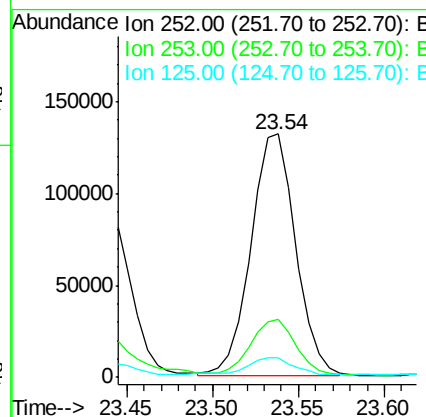
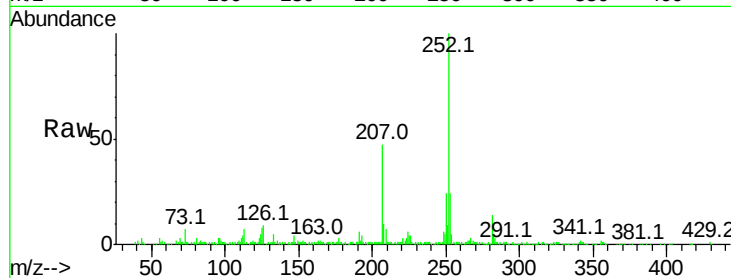
ClientSampleId :

DAH9

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	8.2	8.2	12.4

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#27

Indeno(1,2,3-cd)pyrene

Concen: 4.649 ng/ul

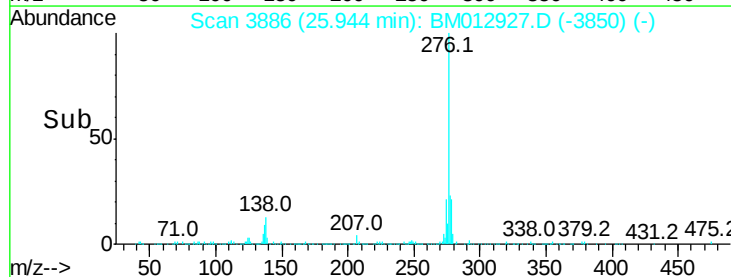
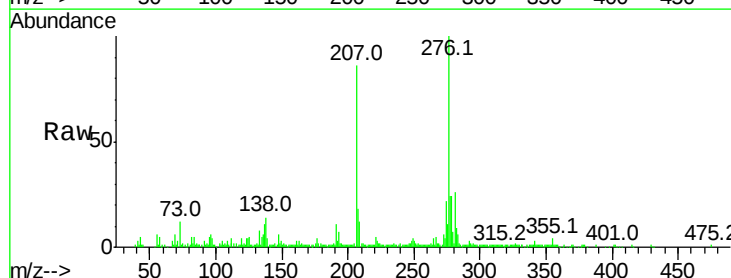
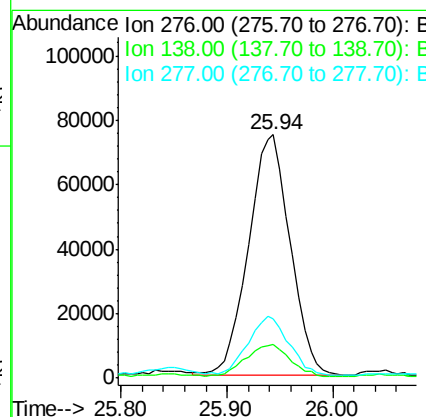
RT: 25.94 min Scan# 3886

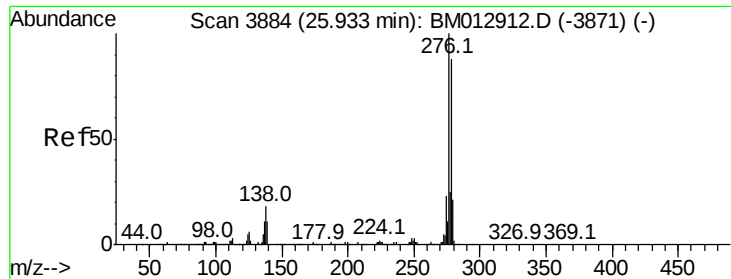
Delta R.T. 0.01 min

Lab File: BM012927.D

Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	13.7	14.4	21.6
277	24.5	18.0	27.0





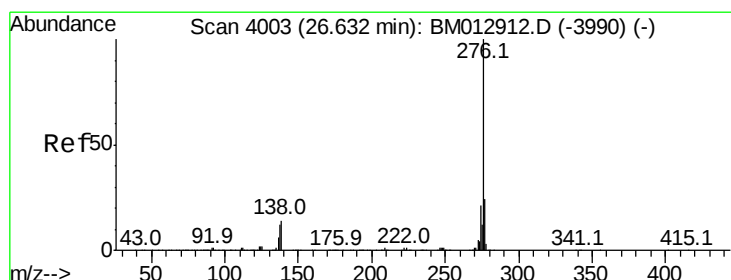
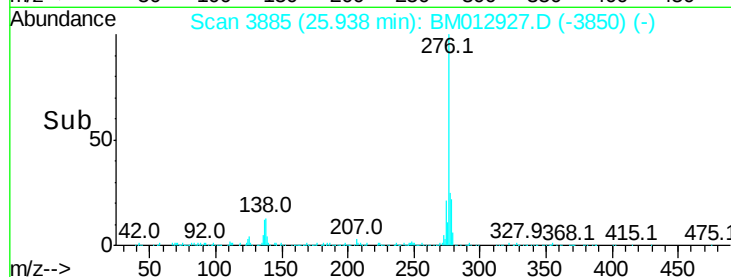
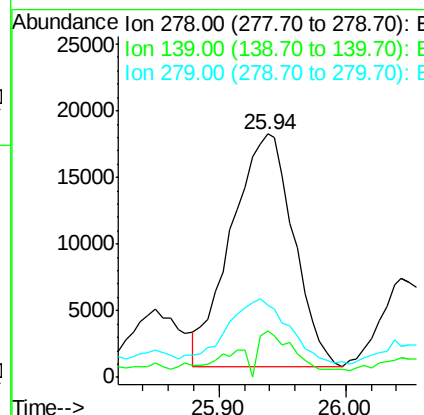
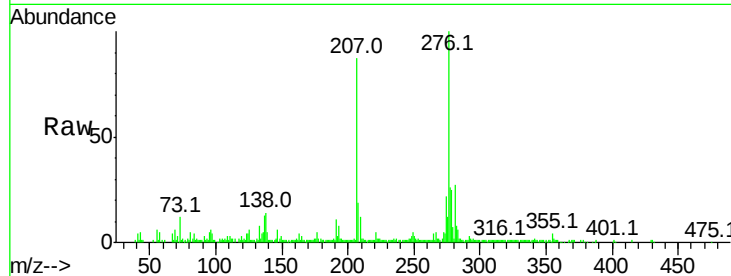
#28
Dibenzo(a,h)anthracene
Concen: 1.602 ng/ul
RT: 25.94 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Instrument :
BNA_M
ClientSampleId :
DAHH9

Tot Ion	Ratio	Lower	Upper
278	100		
139	19.0	12.2	18.4#
279	29.7	19.2	28.8#

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 4.111 ng/ul
RT: 26.64 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BM012927.D
Acq: 12 Nov 2017 06:02

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.5	15.3	22.9
277	23.7	19.0	28.4

