

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012922.D
 Acq On : 12 Nov 2017 03:05
 Operator : SJ/JU
 Sample : I6322-04
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHL6

Manual Integrations
 APPROVED

SOHIL
 11/13/2017 4:50:00 PM

Quant Time: Nov 13 03:29:51 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	92076	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	353492	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	209740	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	480787	20.00	ng/ul	0.00
17) Chrysene-d12	21.35	240	583852	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	653508	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	444950	20.40	ng/ul	0.00
10) Fluorene-d10	15.42	176	326887	21.91	ng/ul	0.00
14) Anthracene-d10	17.27	188	517543	22.27	ng/ul	0.00
18) Pyrene-d10	19.56	212	571462	21.88	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	681172	22.08	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.21	178	68575	2.582	ng/ul	98
16) Fluoranthene	19.23	202	186128	5.698	ng/ul#	92
19) Pyrene	19.59	202	156209	4.661	ng/ul#	94
20) Benzo(a)anthracene	21.34	228	127280m	3.543	ng/ul	
21) Chrysene	21.39	228	142808m	4.448	ng/ul	
23) Benzo(b)fluoranthene	22.94	252	295083	7.593	ng/ul	97
24) Benzo(k)fluoranthene	22.99	252	66311m	1.785	ng/ul	
26) Benzo(a)pyrene	23.53	252	147297	3.908	ng/ul	96
27) Indeno(1,2,3-cd)pyrene	25.94	276	133323	2.742	ng/ul#	93
29) Benzo(g,h,i)perylene	26.64	276	111644	2.751	ng/ul	95

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

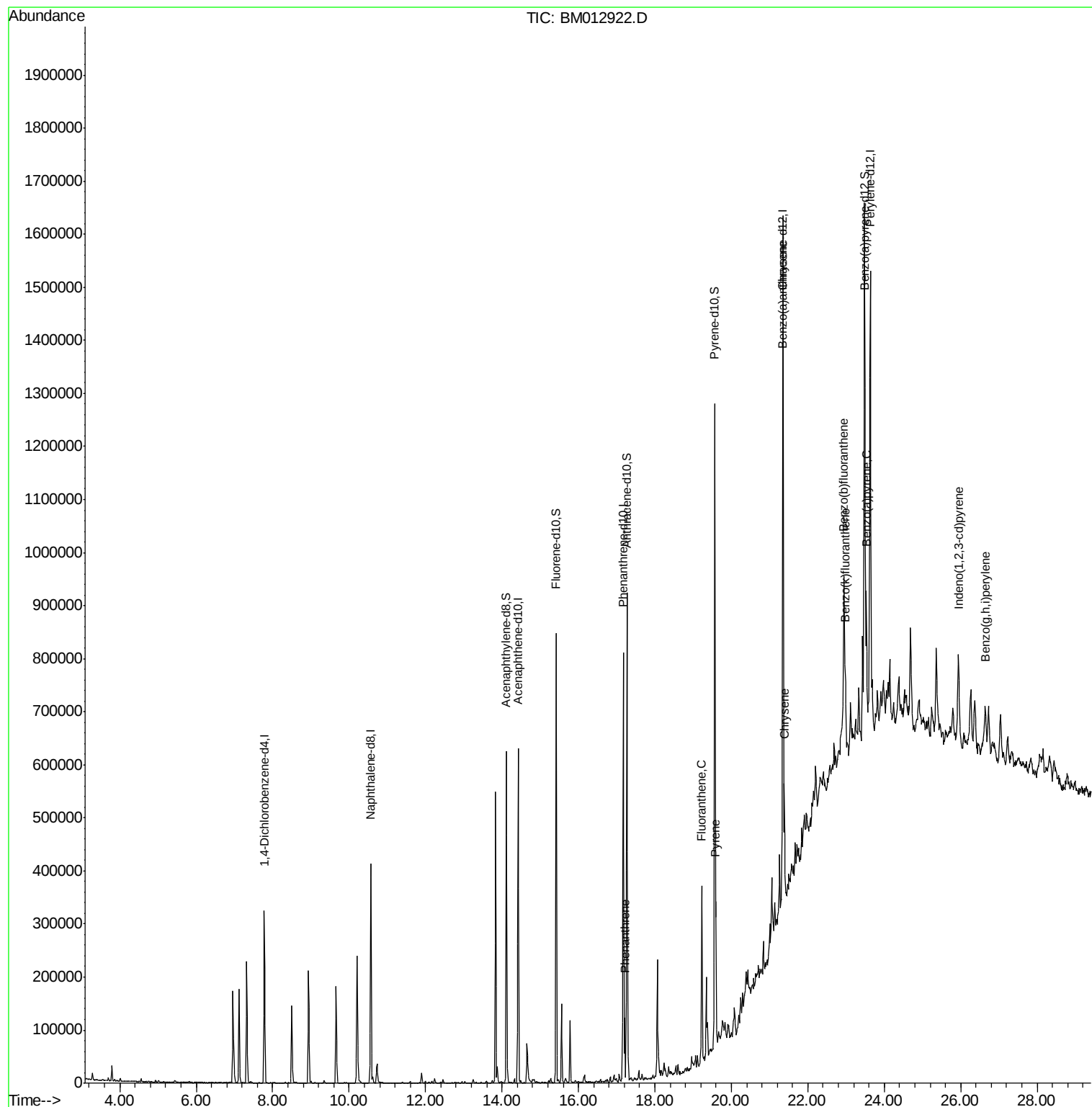
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012922.D
Acq On : 12 Nov 2017 03:05
Operator : SJ/JU
Sample : I6322-04
Misc :
ALS Vial : 29 Sample Multiplier: 1

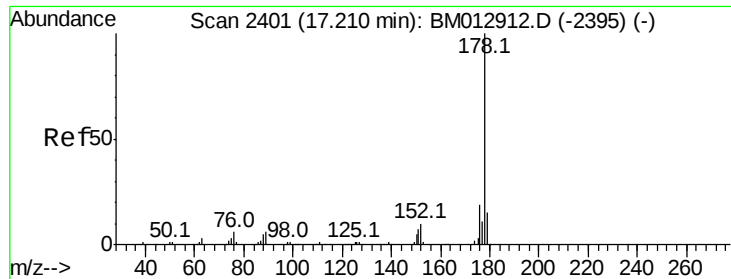
Instrument :
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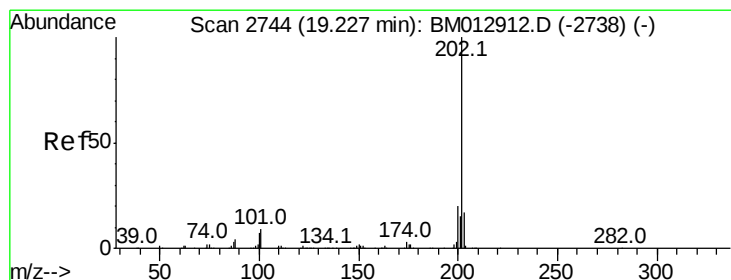
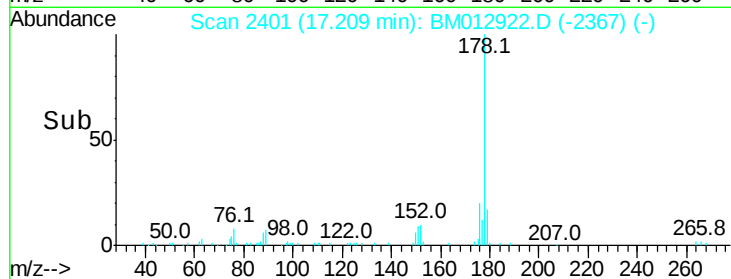
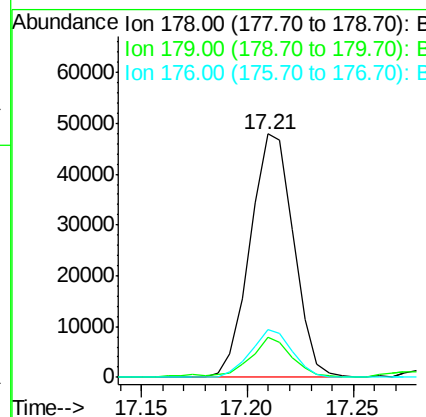
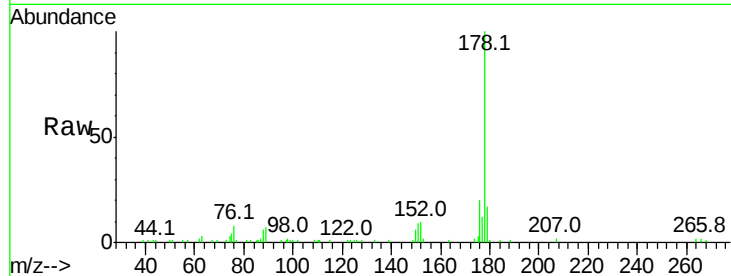
#13
Phenanthrene
Concen: 2.582 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Instrument :
BNA_M
ClientSampleId :
DAHL6

Tot Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.3	18.5
176	19.8	15.1	22.7

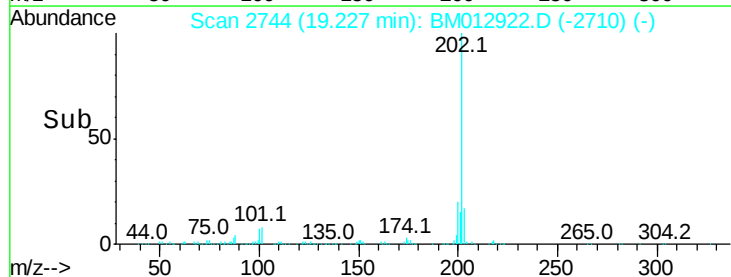
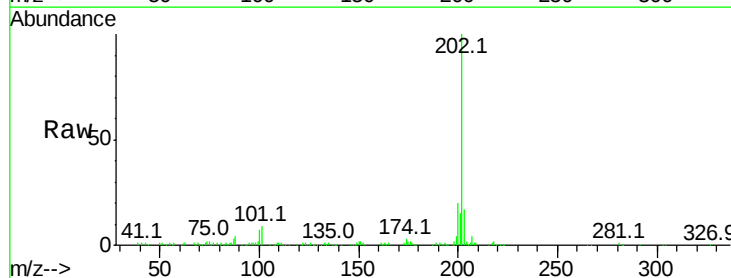
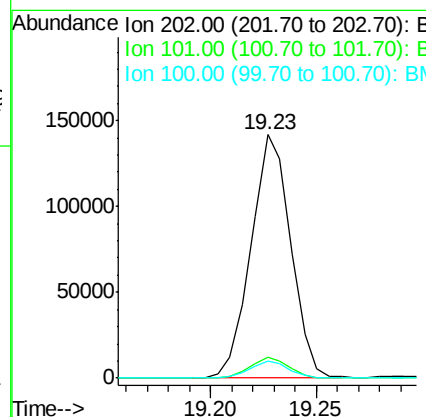
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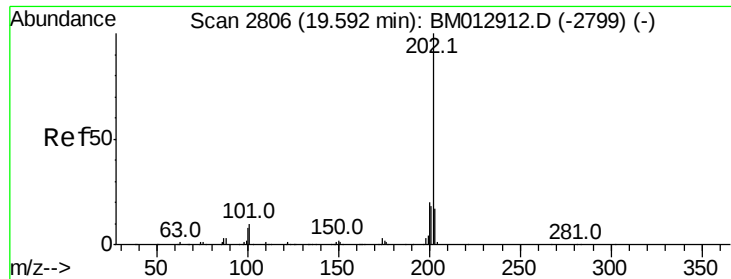
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#16
Fluoranthene
Concen: 5.698 ng/ul
RT: 19.23 min Scan# 2744
Delta R.T. -0.00 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.7	9.9	14.9#
100	7.2	7.4	11.0#





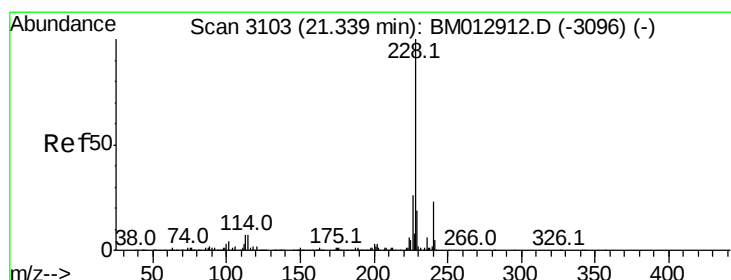
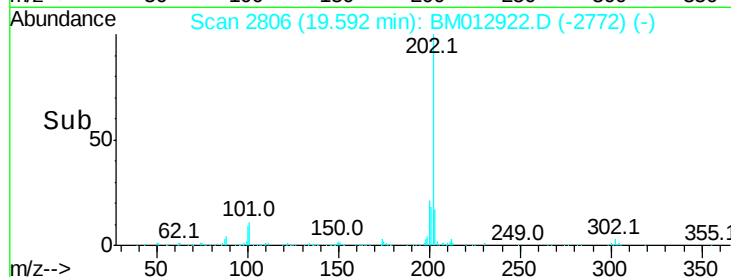
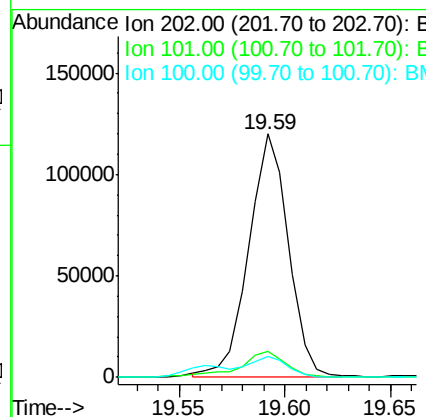
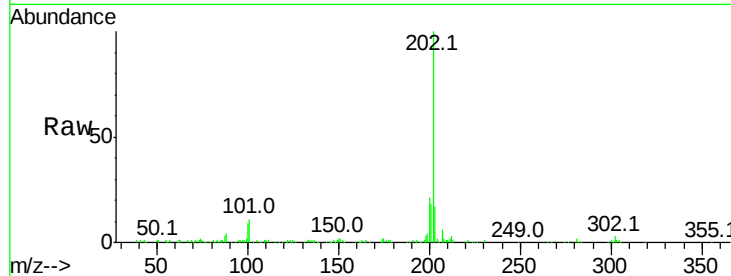
#19
Pvrene
Concen: 4.661 ng/ul
RT: 19.59 min Scan# 2806
Delta R.T. -0.00 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Instrument :
BNA_M
ClientSampleId :
DAHL6

Tot Ion	Ratio	Lower	Upper
202	100		
101	10.8	11.0	16.4#
100	8.6	8.1	12.1

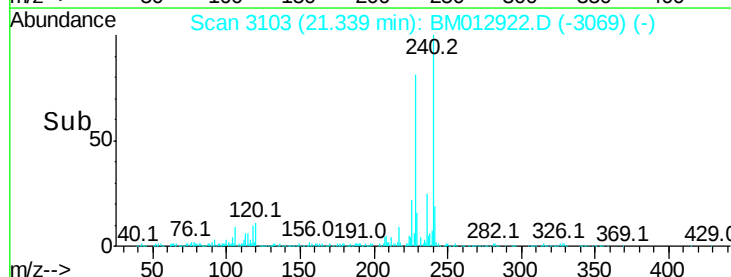
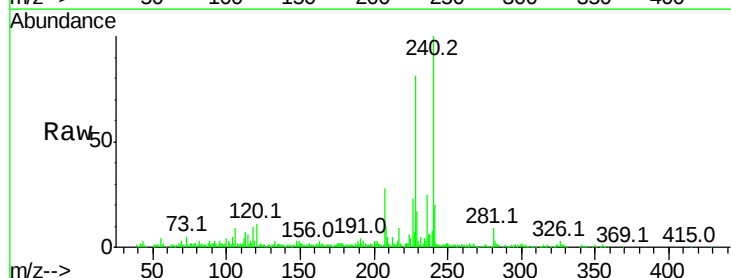
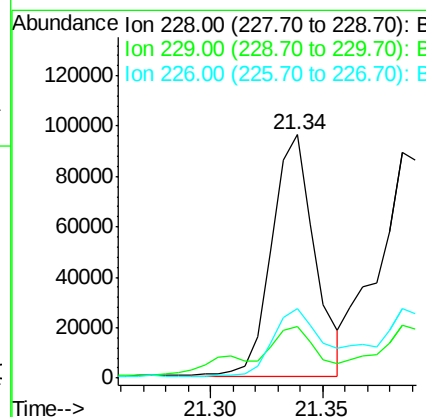
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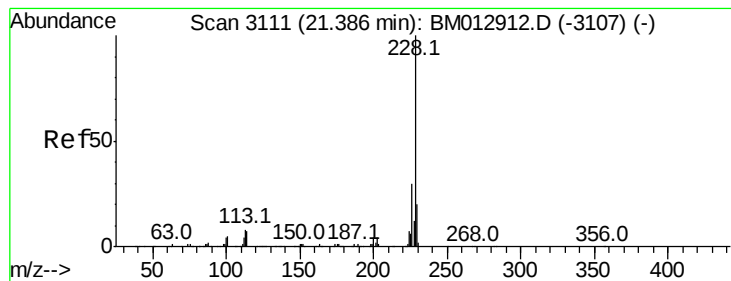
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#20
Benzo(a)anthracene
Concen: 3.543 ng/ul m
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.4	15.7	23.5
226	28.3	21.1	31.7





#21

Chrysene

Concen: 4.448 ng/ul m

RT: 21.39 min Scan# 3111

Delta R.T. -0.00 min

Lab File: BM012922.D

Acq: 12 Nov 2017 03:05

Instrument :

BNA_M

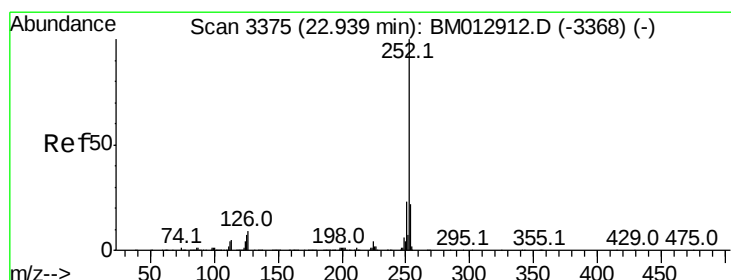
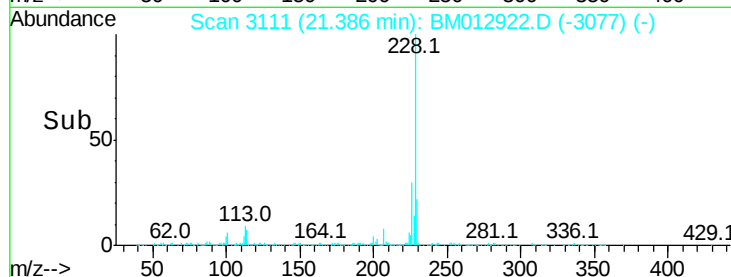
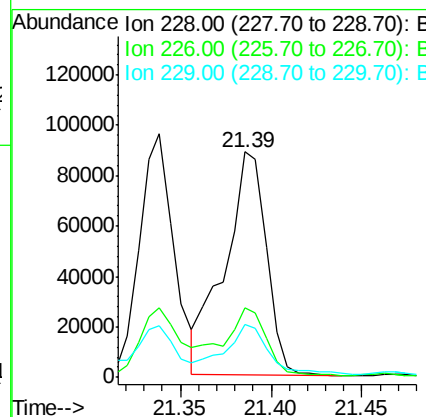
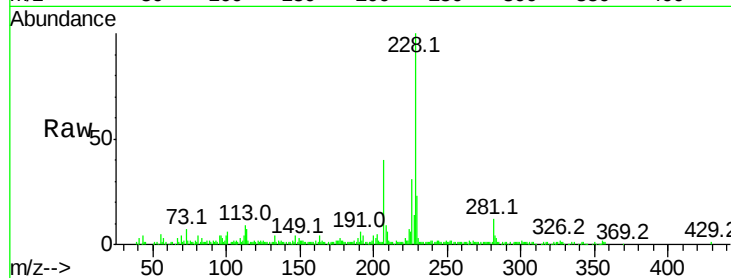
ClientSampleId :

DAHL6

Tot Ion:	228	Resp:	142808
Ion Ratio	Lower	Upper	
228	100		
226	30.7	24.5	36.7
229	23.2	15.8	23.8

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#23

Benzo(b)fluoranthene

Concen: 7.593 ng/ul

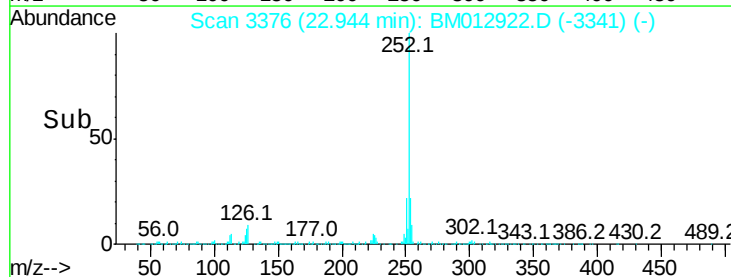
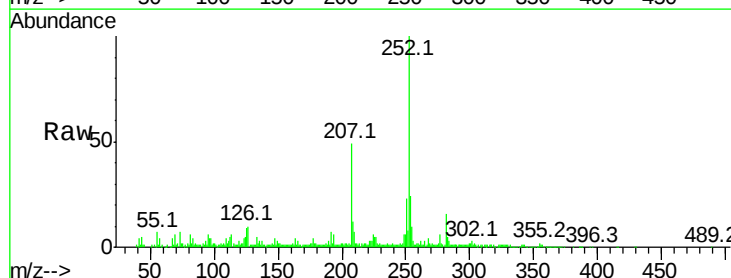
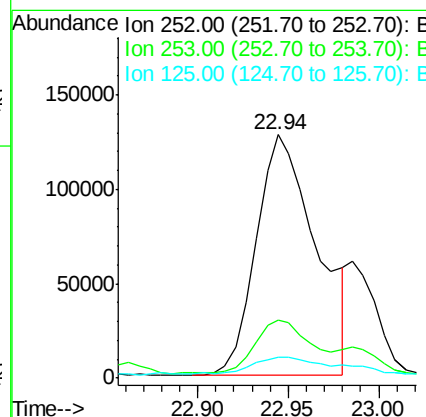
RT: 22.94 min Scan# 3376

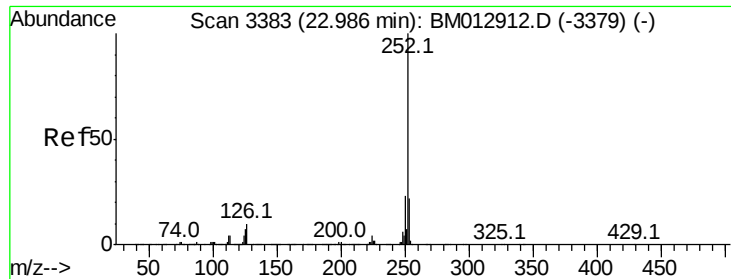
Delta R.T. 0.01 min

Lab File: BM012922.D

Acq: 12 Nov 2017 03:05

Tgt Ion:	252	Resp:	295083
Ion Ratio	Lower	Upper	
252	100		
253	23.6	18.0	27.0
125	8.8	8.0	12.0





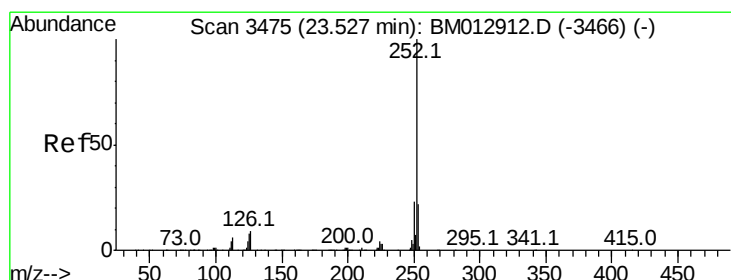
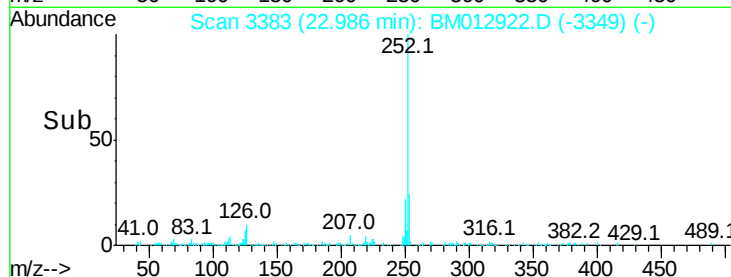
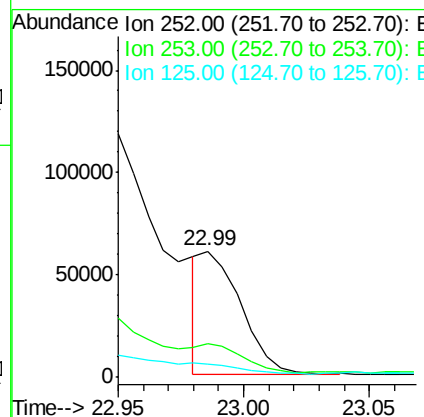
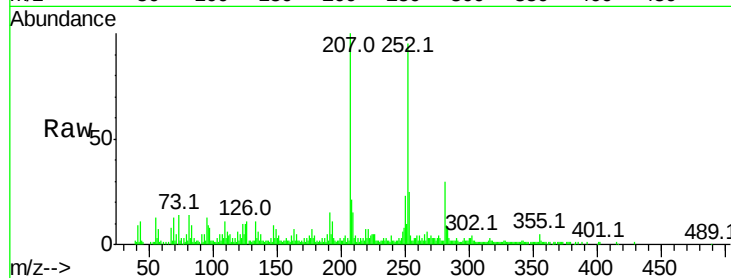
#24
Benzo(k)fluoranthene
Concen: 1.785 ng/ul m
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Instrument :
BNA_M
ClientSampleId :
DAHL6

Tot Ion	Ratio	Lower	Upper
252	100		
253	26.5	18.0	27.0
125	10.5	8.1	12.1

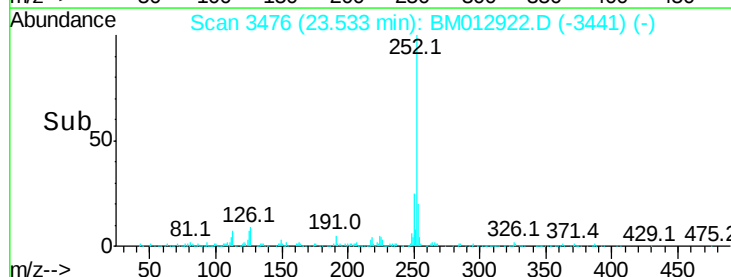
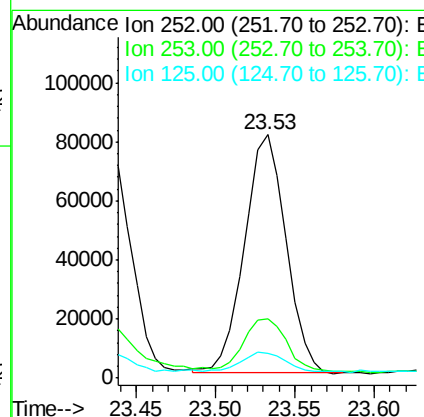
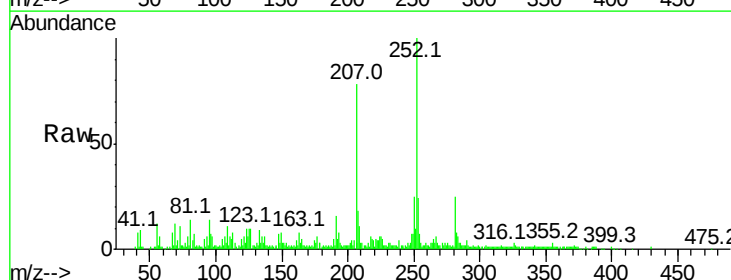
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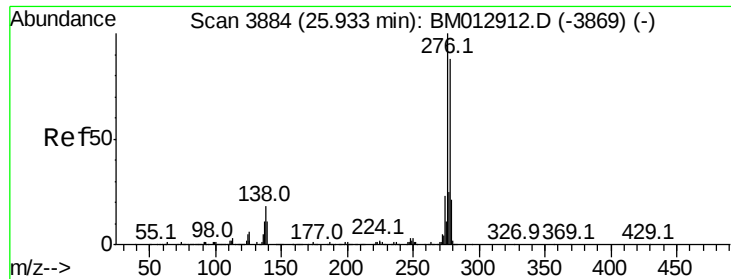
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#26
Benzo(a)pyrene
Concen: 3.908 ng/ul
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012922.D
Acq: 12 Nov 2017 03:05

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.5	17.2	25.8
125	10.1	8.2	12.4





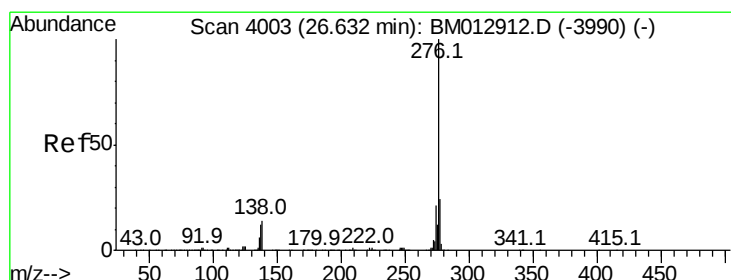
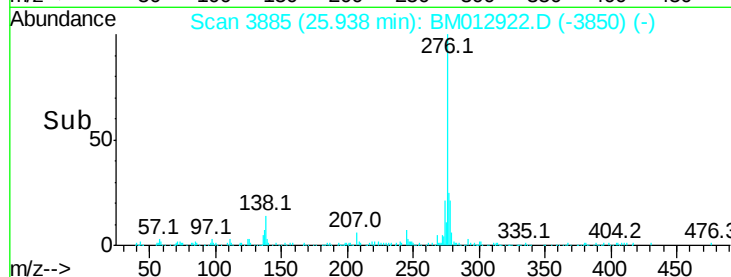
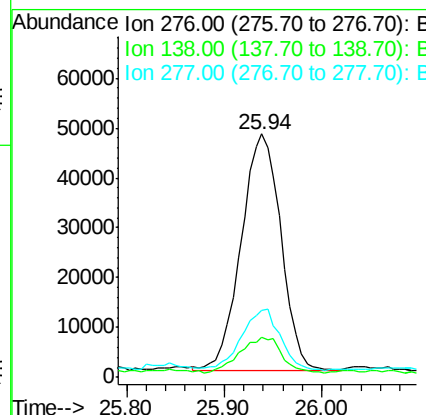
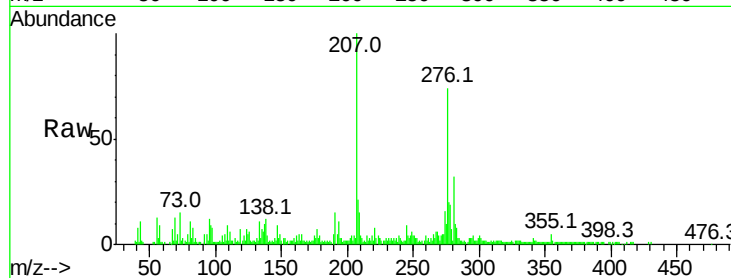
#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.742 ng/ul
 RT: 25.94 min Scan# 3885
 Delta R.T. 0.01 min
 Lab File: BM012922.D
 Acq: 12 Nov 2017 03:05

Instrument :
 BNA_M
 ClientSampleId :
 DAHL6

Tot Ion	Ratio	Lower	Upper
276	100		
138	16.6	14.4	21.6
277	27.4	18.0	27.0

Manual Integrations
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#29
 Benzo(g,h,i)perylene
 Concen: 2.751 ng/ul
 RT: 26.64 min Scan# 4005
 Delta R.T. 0.01 min
 Lab File: BM012922.D
 Acq: 12 Nov 2017 03:05

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.3	22.9
277	27.4	19.0	28.4

