

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012921.D
 Acq On : 12 Nov 2017 02:30
 Operator : SJ/JU
 Sample : I6317-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHH6

Manual Integrations
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 11/13/2017 4:49:58 PM

Quant Time: Nov 13 03:26:16 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	90050	20.00	ng/ul	0.00
2) Naphthalene-d8	10.57	136	339148	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.42	164	197568	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.17	188	464116	20.00	ng/ul	0.00
17) Chrysene-d12	21.36	240	555045	20.00	ng/ul	0.00
22) Perylene-d12	23.63	264	631328	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.12	160	377724	18.38	ng/ul	0.00
10) Fluorene-d10	15.42	176	275576	19.61	ng/ul	0.00
14) Anthracene-d10	17.27	188	419509	18.70	ng/ul	0.00
18) Pyrene-d10	19.56	212	467766	18.84	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.49	264	563650	18.91	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	14.49	153	31315	2.339	ng/ul	95
11) Fluorene	15.47	166	28792	1.802	ng/ul	95
13) Phenanthrene	17.21	178	551568	21.516	ng/ul	99
15) Anthracene	17.30	178	124035	4.657	ng/ul	97
16) Fluoranthene	19.23	202	1138837	36.114	ng/ul#	91
19) Pyrene	19.59	202	841778	26.420	ng/ul#	93
20) Benzo(a)anthracene	21.34	228	563371	16.496	ng/ul	98
21) Chrysene	21.39	228	555660	18.206	ng/ul	96
23) Benzo(b)fluoranthene	22.94	252	901423	24.010	ng/ul#	98
24) Benzo(k)fluoranthene	22.99	252	229136m	6.386	ng/ul	
26) Benzo(a)pyrene	23.53	252	526246m	14.453	ng/ul	
27) Indeno(1,2,3-cd)pyrene	25.93	276	423482	9.017	ng/ul	95
28) Dibenzo(a,h)anthracene	25.93	278	125929	3.190	ng/ul	95
29) Benzo(a,h,i)perylene	26.64	276	319663	8.154	ng/ul	96

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

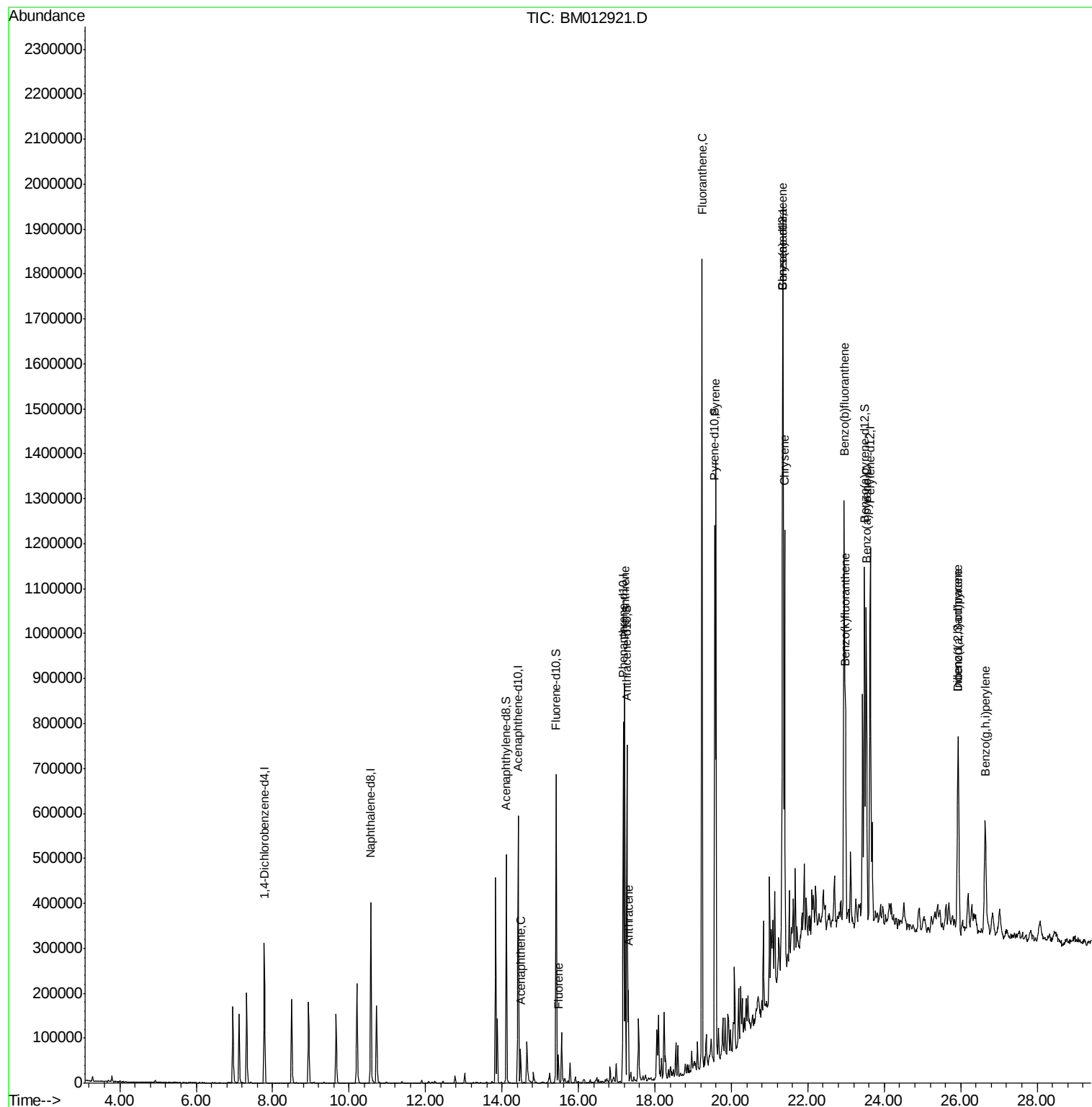
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012921.D
Acq On : 12 Nov 2017 02:30
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ALS Vial : 28 Sample Multiplier: 1

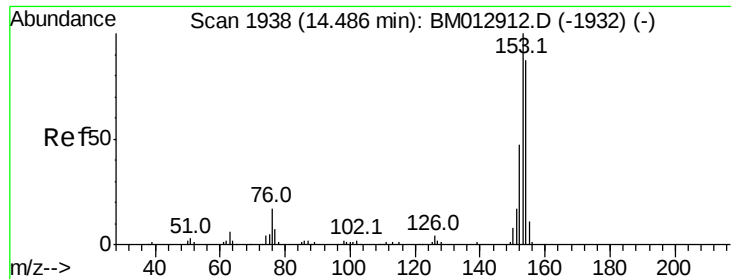
Instrument :
BNA_M
ClientSampleId :
DAH6

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Quant Time: Nov 13 03:26:16 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





#9

Acenaphthene

Concen: 2.339 ng/ul

RT: 14.49 min Scan# 1938

Delta R.T. -0.00 min

Lab File: BM012921.D

Acq: 12 Nov 2017 02:30

Instrument :

BNA_M

ClientSampleId :

DAHH6

Tot Ion:153 Resp: 31315

Ion Ratio Lower Upper

153 100

152 48.7 39.0 58.6

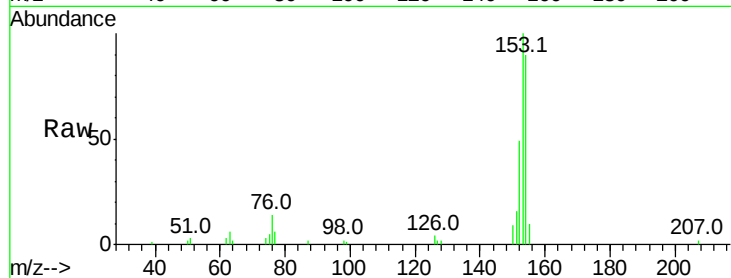
154 90.2 66.8 100.2

Manual Integrations

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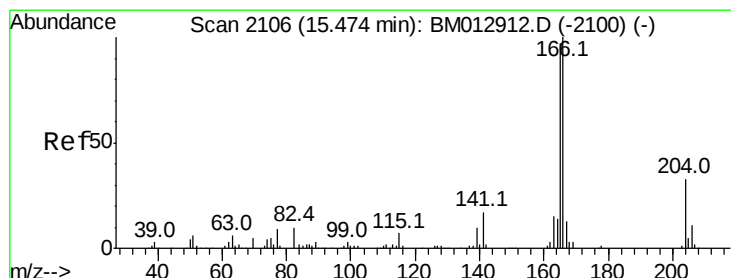
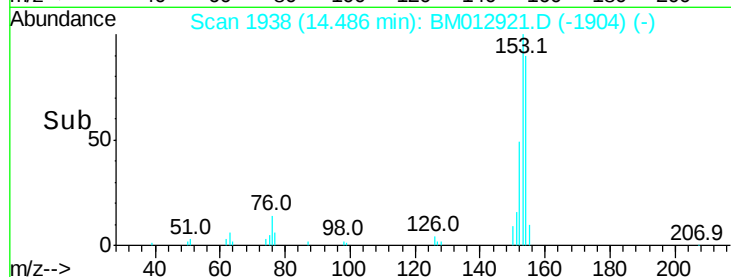
Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

14.49

Time-->



#11

Fluorene

Concen: 1.802 ng/ul

RT: 15.47 min Scan# 2106

Delta R.T. -0.00 min

Lab File: BM012921.D

Acq: 12 Nov 2017 02:30

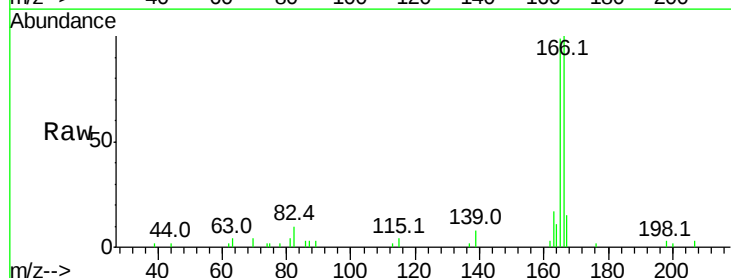
Tgt Ion:166 Resp: 28792

Ion Ratio Lower Upper

166 100

165 99.3 83.8 125.8

167 14.6 11.5 17.3



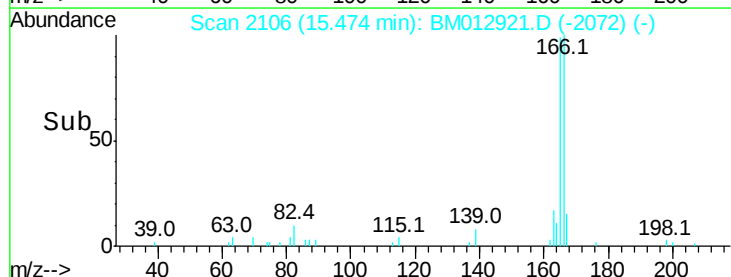
Abundance Ion 166.00 (165.70 to 166.70): E

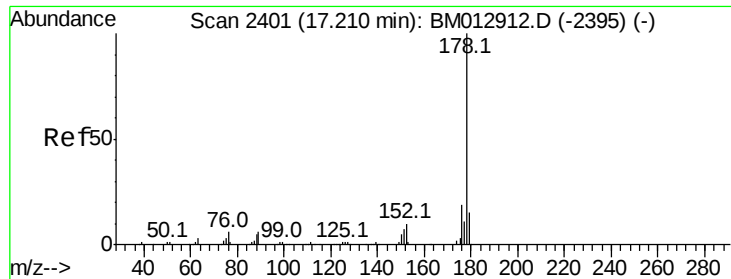
Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

15.47

Time-->





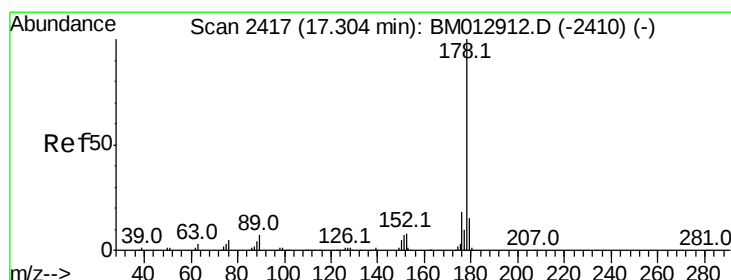
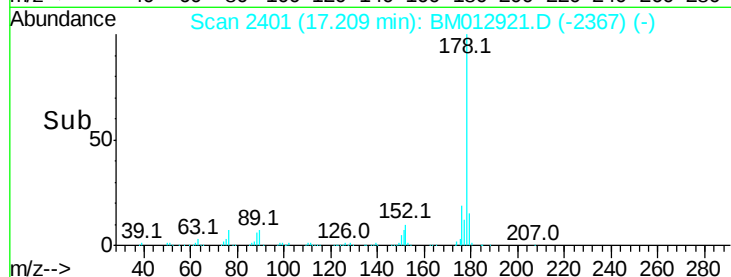
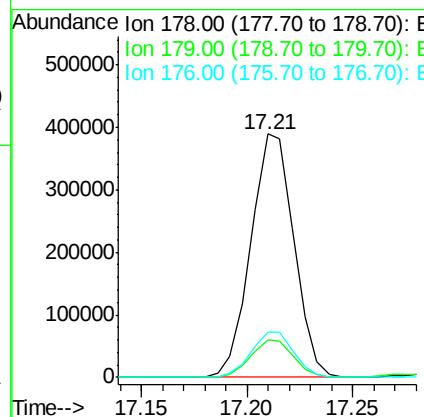
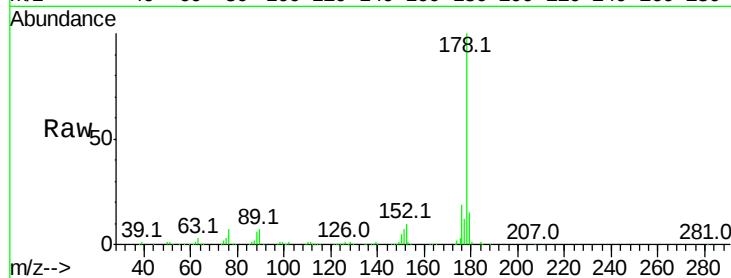
#13
Phenanthrene
Concen: 21.516 ng/ul
RT: 17.21 min Scan# 2401
Delta R.T. -0.00 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Instrument :
BNA_M
ClientSampled :
DAH6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.2	12.3	18.5
176	18.6	15.1	22.7

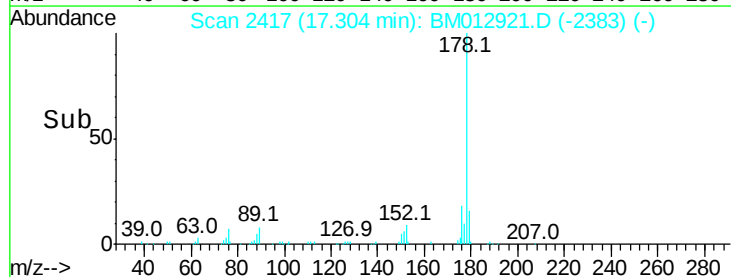
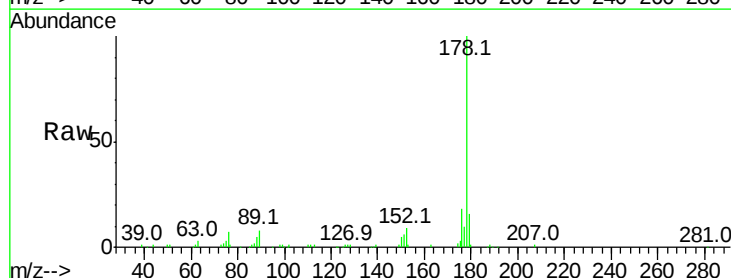
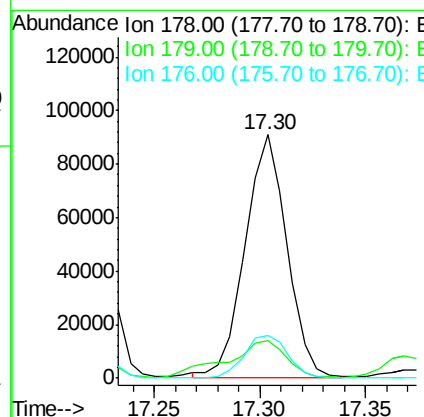
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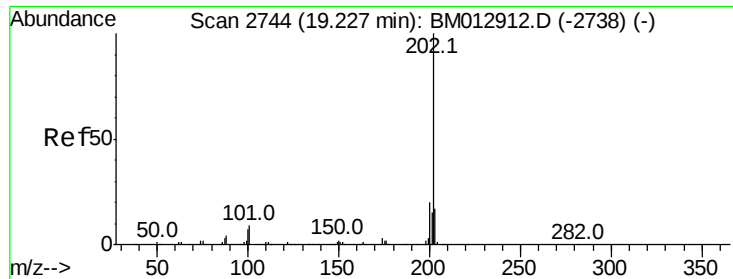
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#15
Anthracene
Concen: 4.657 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.6	11.8	17.8
176	17.6	15.2	22.8





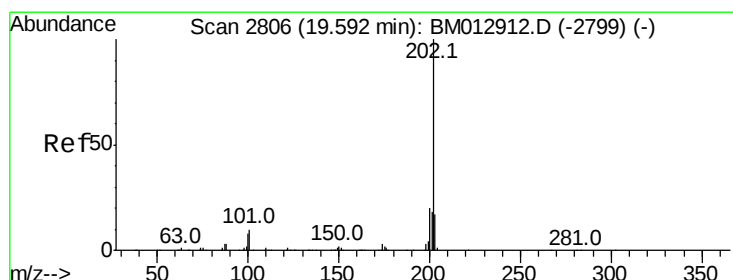
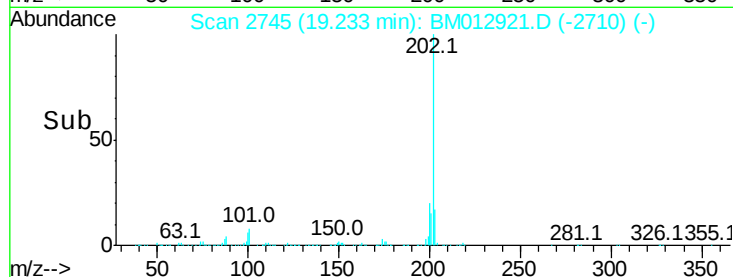
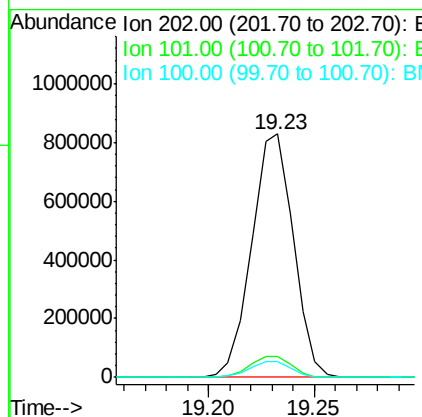
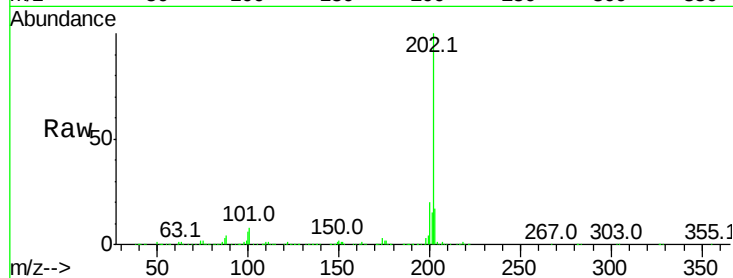
#16
Fluoranthene
 Concen: 36.114 ng/ul
 RT: 19.23 min Scan# 2745
 Delta R.T. 0.01 min
 Lab File: BM012921.D
 Acq: 12 Nov 2017 02:30

Instrument :
 BNA_M
 ClientSampleId :
 DAHH6

Tot Ion	Ratio	Lower	Upper
202	100		
101	8.4	9.9	14.9#
100	6.4	7.4	11.0#

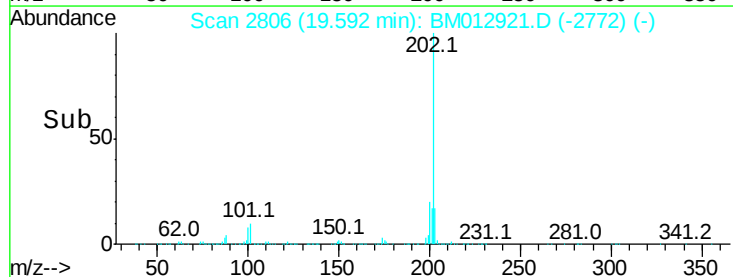
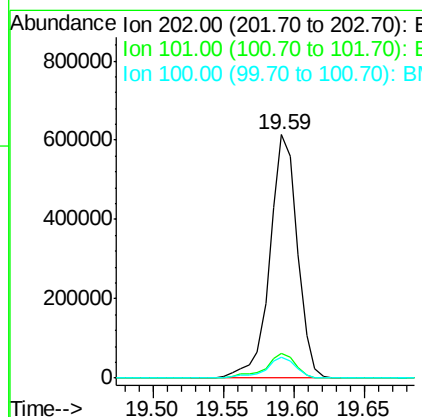
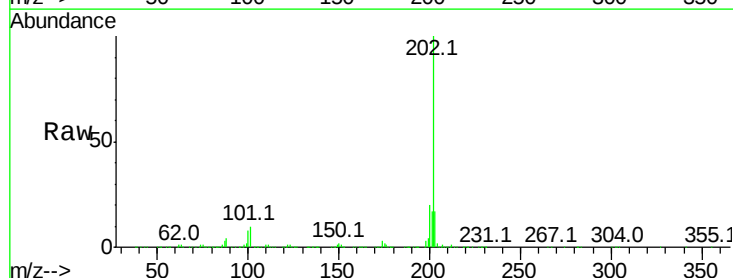
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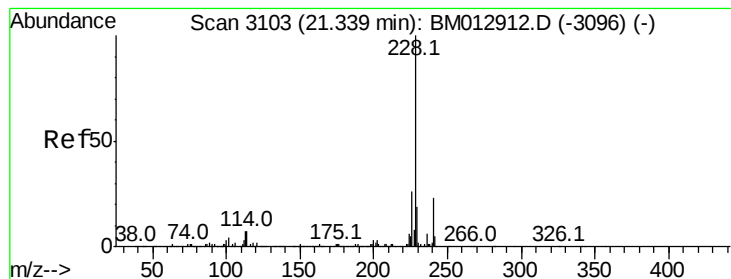
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#19
Pyrene
 Concen: 26.420 ng/ul
 RT: 19.59 min Scan# 2806
 Delta R.T. -0.00 min
 Lab File: BM012921.D
 Acq: 12 Nov 2017 02:30

Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.0	11.0	16.4#
100	8.4	8.1	12.1





#20

Benzo(a)anthracene

Concen: 16.496 ng/ul

RT: 21.34 min Scan# 3103

Delta R.T. -0.00 min

Lab File: BM012921.D

Acq: 12 Nov 2017 02:30

Instrument :

BNA_M

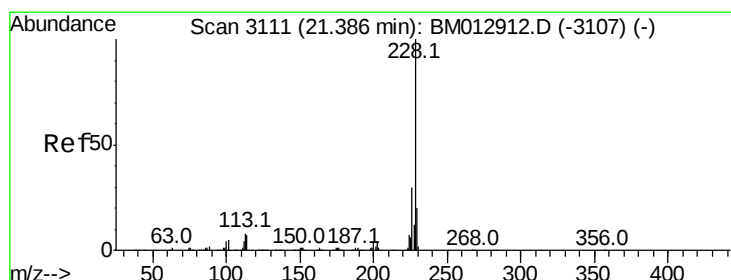
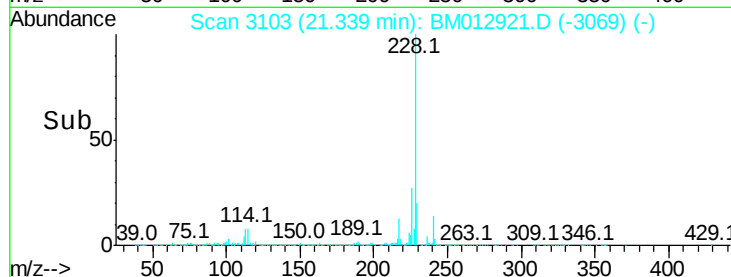
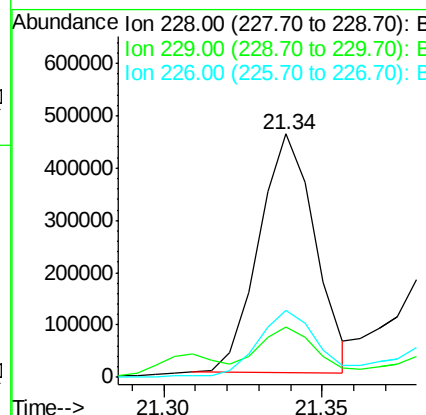
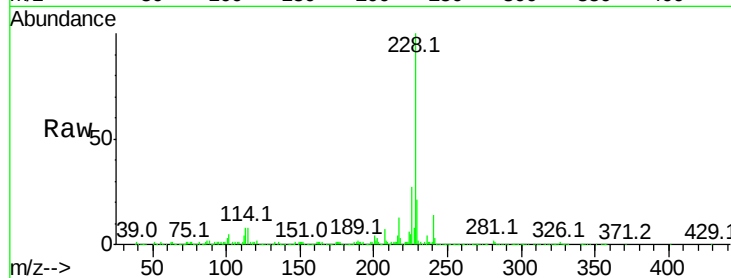
ClientSampleId :

DAH6

Tot Ion:	228	Resp:	563371
Ion Ratio	Lower	Upper	
228	100		
229	20.5	15.7	23.5
226	27.4	21.1	31.7

Manual Integrations
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#21

Chrysene

Concen: 18.206 ng/ul

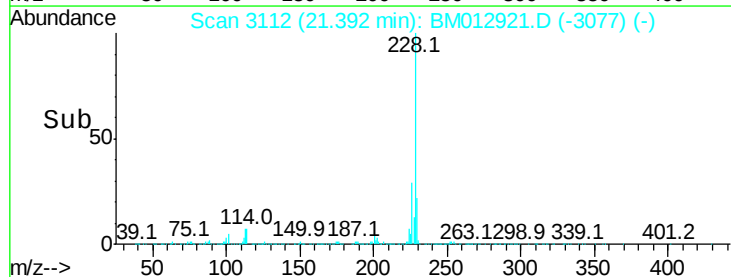
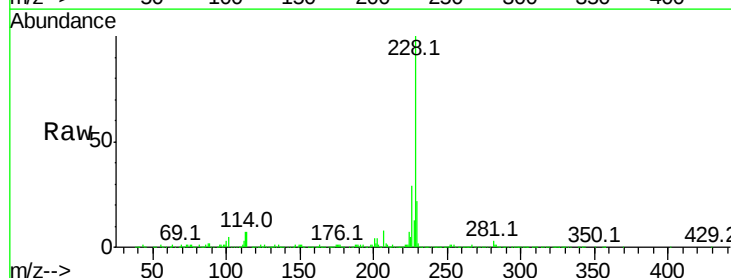
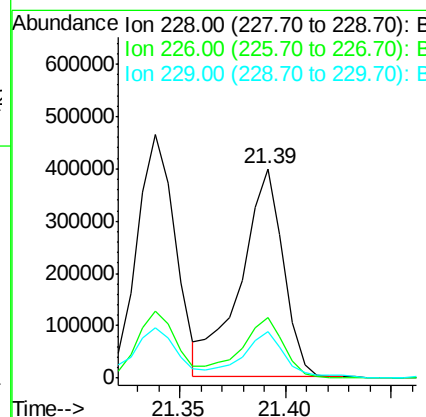
RT: 21.39 min Scan# 3112

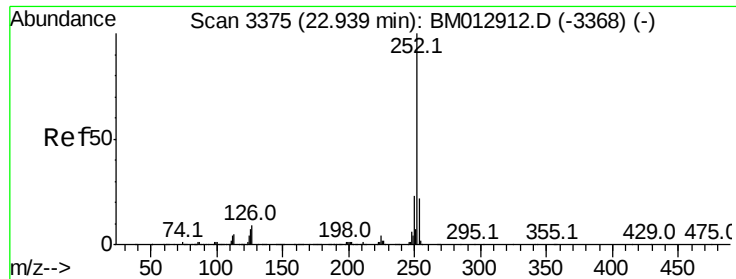
Delta R.T. 0.01 min

Lab File: BM012921.D

Acq: 12 Nov 2017 02:30

Tgt Ion:	228	Resp:	555660
Ion Ratio	Lower	Upper	
228	100		
226	28.8	24.5	36.7
229	22.1	15.8	23.8





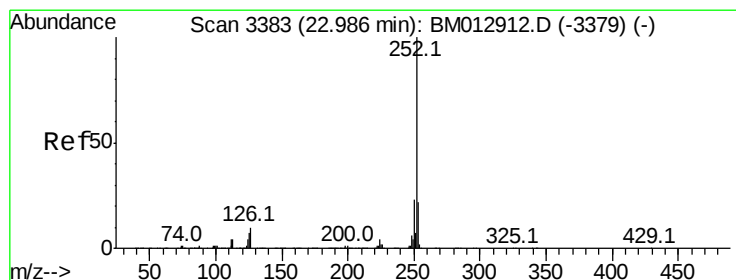
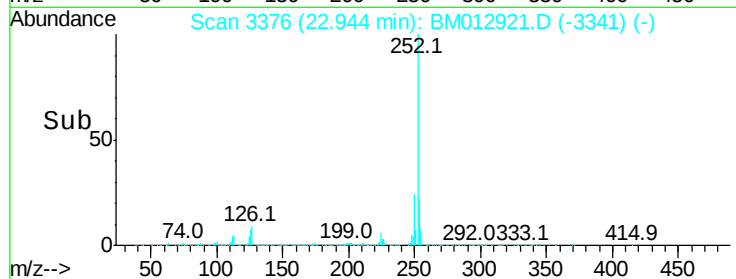
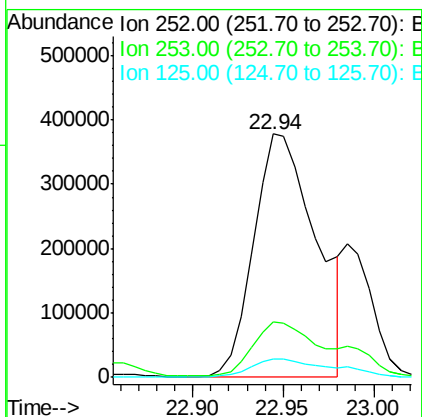
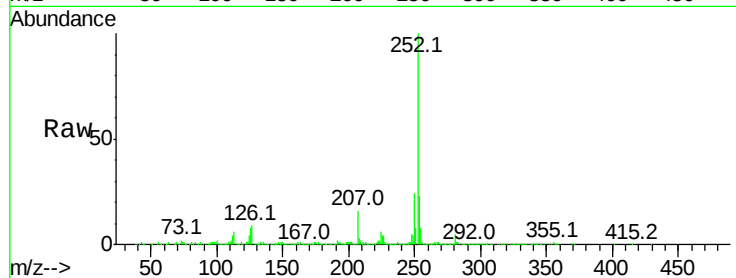
#23
Benzo(b)fluoranthene
Concen: 24.010 ng/ul
RT: 22.94 min Scan# 3376
Delta R.T. 0.01 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Instrument :
BNA_M
ClientSampled :
DAH6

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.0	27.0
125	7.6	8.0	12.0#

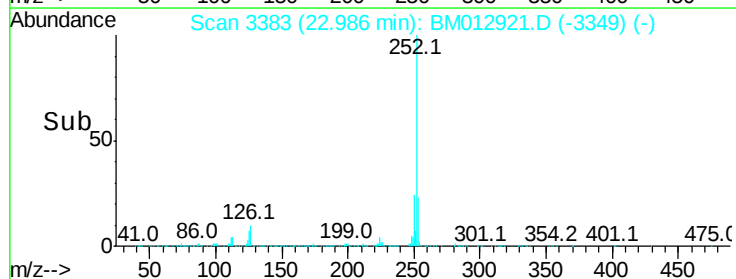
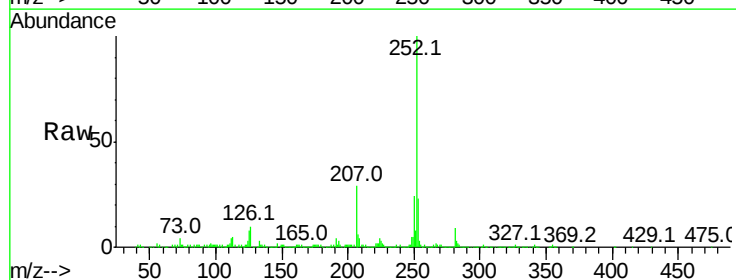
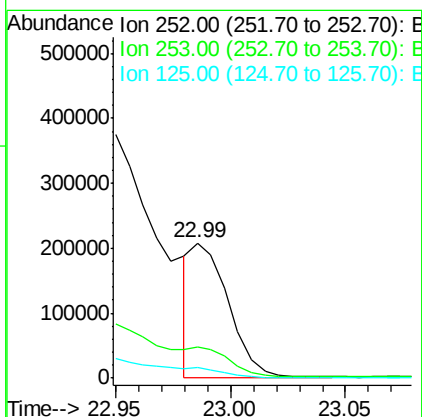
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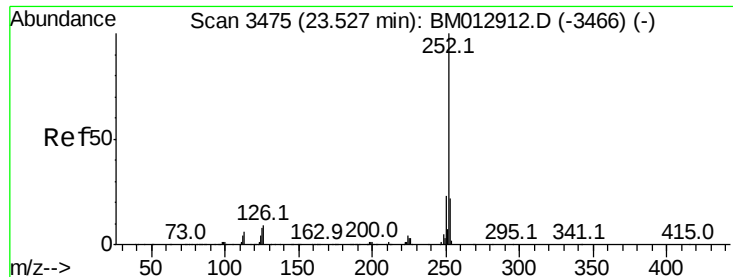
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#24
Benzo(k)fluoranthene
Concen: 6.386 ng/ul m
RT: 22.99 min Scan# 3383
Delta R.T. -0.00 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.5	18.0	27.0
125	7.8	8.1	12.1#





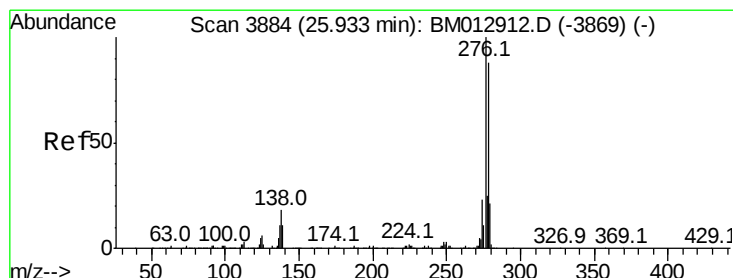
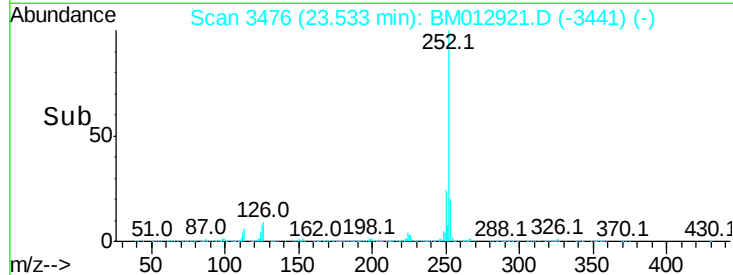
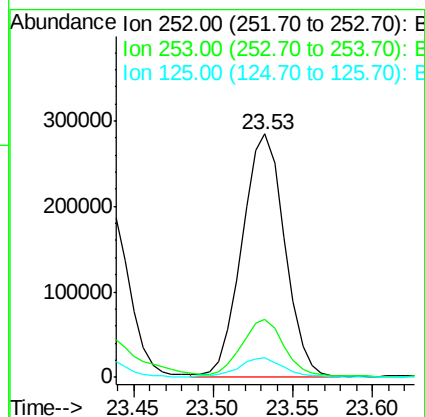
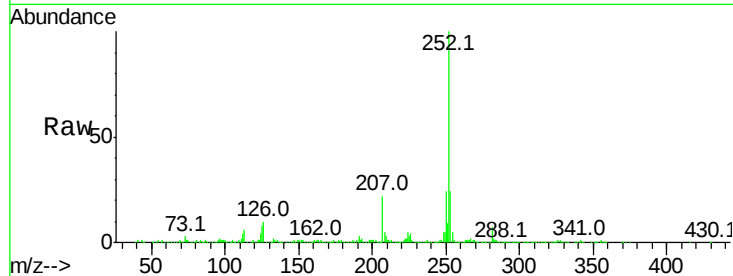
#26
Benzo(a)pyrene
Concen: 14.453 ng/ul m
RT: 23.53 min Scan# 3476
Delta R.T. 0.01 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Instrument :
BNA_M
ClientSampleId :
DAH6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.9	17.2	25.8
125	7.9	8.2	12.4

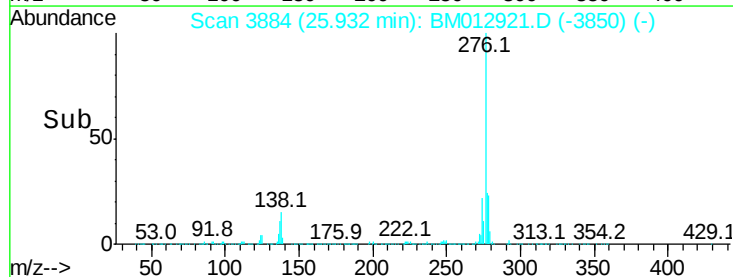
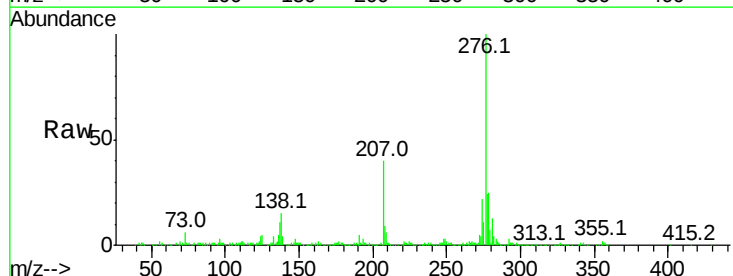
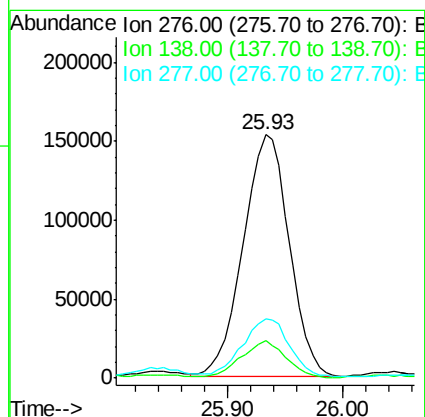
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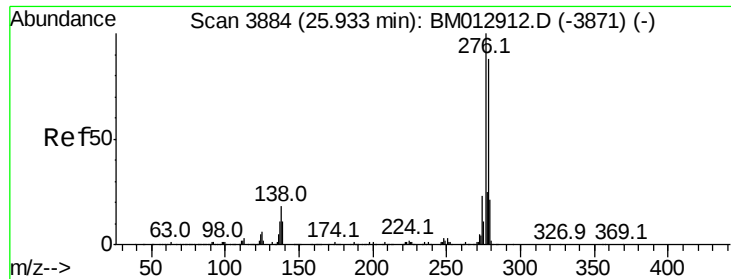
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#27
Indeno(1,2,3-cd)pyrene
Concen: 9.017 ng/ul
RT: 25.93 min Scan# 3884
Delta R.T. -0.00 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.3	14.4	21.6
277	24.2	18.0	27.0





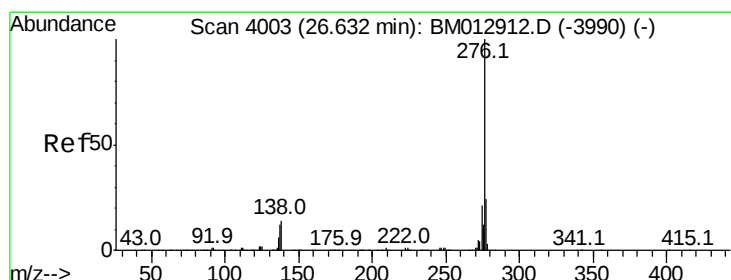
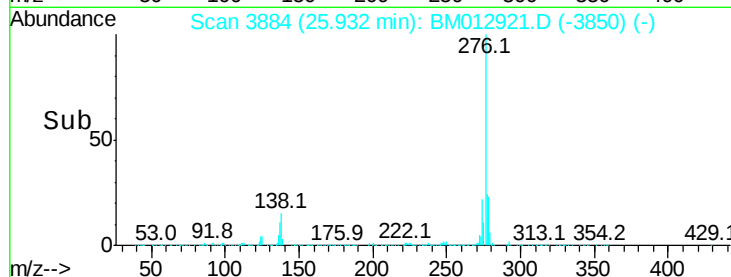
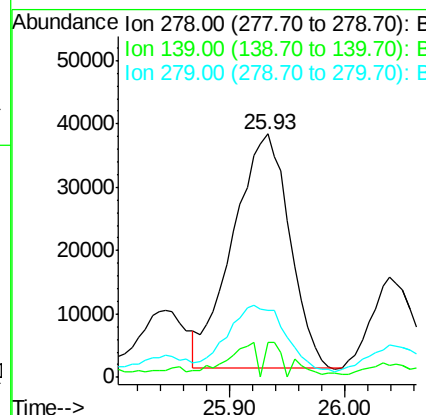
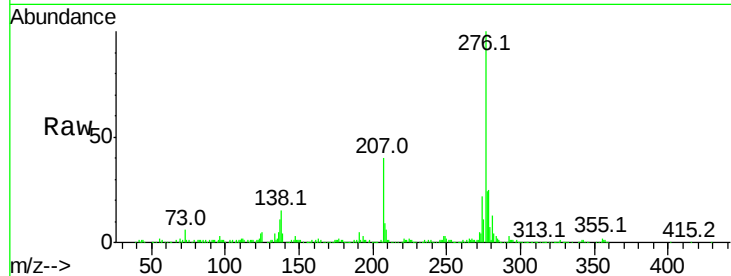
#28
Dibenzo(a,h)anthracene
Concen: 3.190 ng/ul
RT: 25.93 min Scan# 3884
Delta R.T. -0.00 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Instrument :
BNA_M
ClientSampleId :
DAH6

Tot Ion	Ratio	Lower	Upper
278	100		
139	14.4	12.2	18.4
279	27.6	19.2	28.8

Manual Integrations
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#29
Benzo(g,h,i)perylene
Concen: 8.154 ng/ul
RT: 26.64 min Scan# 4005
Delta R.T. 0.01 min
Lab File: BM012921.D
Acq: 12 Nov 2017 02:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	15.4	15.3	22.9
277	24.4	19.0	28.4

