

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
 Data File : BM012923.D
 Acq On : 12 Nov 2017 03:41
 Operator : SJ/JU
 Sample : I6319-06
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DAHL1

Manual Integrations
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 11/13/2017 4:50:02 PM

Quant Time: Nov 13 03:34:25 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)	11/13/2017 4:50:02 PM
1) 1,4-Dichlorobenzene-d4	7.79	152	95636	20.00	ng/ul	0.00	
2) Naphthalene-d8	10.57	136	364861	20.00	ng/ul	0.00	
6) Acenaphthene-d10	14.42	164	210543	20.00	ng/ul	0.00	
12) Phenanthrene-d10	17.17	188	485663	20.00	ng/ul	0.00	
17) Chrysene-d12	21.36	240	598409	20.00	ng/ul	0.00	
22) Perylene-d12	23.63	264	691854	20.00	ng/ul	0.00	
System Monitoring Compounds							
7) Acenaphthylene-d8	14.12	160	605074	27.63	ng/ul	0.00	
10) Fluorene-d10	15.42	176	421730	28.16	ng/ul	0.00	
14) Anthracene-d10	17.27	188	664819	28.32	ng/ul	0.00	
18) Pyrene-d10	19.57	212	753626	28.15	ng/ul	0.00	
25) Benzo(a)pyrene-d12	23.49	264	942897	28.87	ng/ul	0.01	
Target Compounds							
8) Acenaphthylene	14.14	152	57314	2.690	ng/ul	98	
13) Phenanthrene	17.22	178	204791	7.634	ng/ul	99	
15) Anthracene	17.30	178	45072	1.617	ng/ul	98	
16) Fluoranthene	19.23	202	1020556	30.927	ng/ul#	92	
19) Pyrene	19.60	202	973432	28.338	ng/ul#	92	
20) Benzo(a)anthracene	21.34	228	557911	15.152	ng/ul	97	
21) Chrysene	21.39	228	502328	15.266	ng/ul	98	
23) Benzo(b)fluoranthene	22.95	252	793497m	19.287	ng/ul		
24) Benzo(k)fluoranthene	22.99	252	255686m	6.503	ng/ul		
26) Benzo(a)pyrene	23.54	252	549547m	13.772	ng/ul		
27) Indeno(1,2,3-cd)pyrene	25.94	276	419405	8.149	ng/ul#	94	
28) Dibenzo(a,h)anthracene	25.94	278	101464	2.345	ng/ul	94	
29) Benzo(a,h,i)perylene	26.65	276	334079	7.776	ng/ul#	93	

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

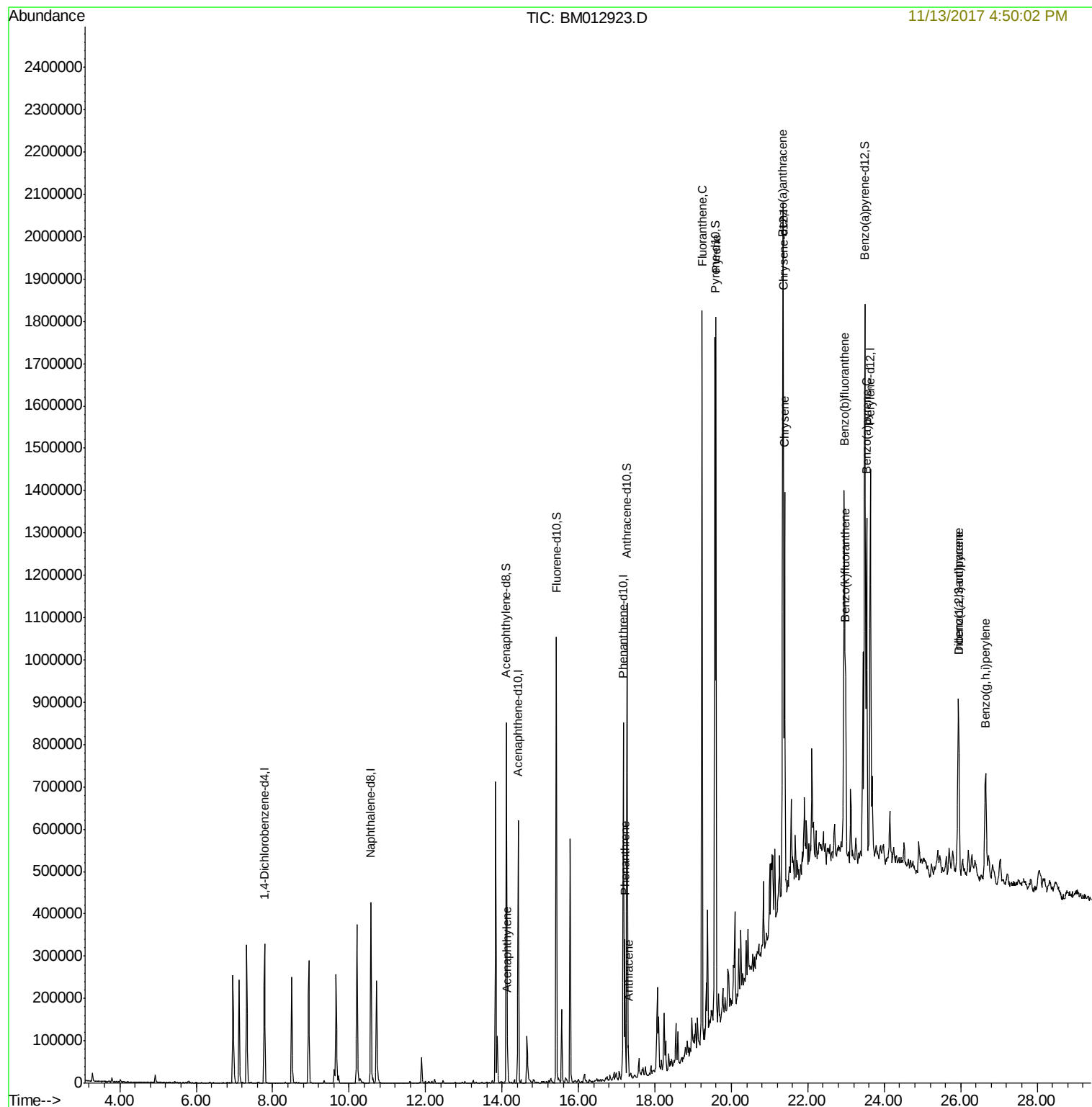
Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM111017\
Data File : BM012923.D
Acq On : 12 Nov 2017 03:41
Operator : SJ/JU
Sample : I6319-06
Misc :
ALS Vial : 30 Sample Multiplier: 1

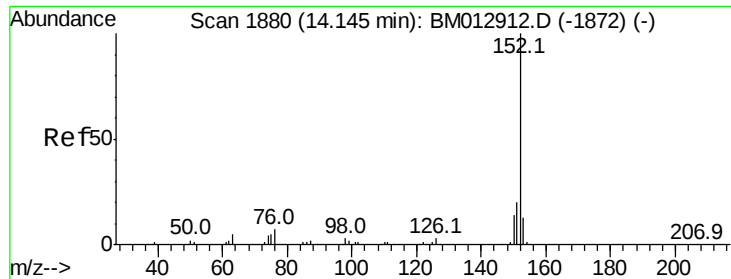
Instrument :
BNA_M
ClientSampleId :
DAHL1

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Quant Time: Nov 13 03:34:25 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





#8

Acenaphthylene

Concen: 2.690 ng/ul

RT: 14.14 min Scan# 1880

Delta R.T. -0.00 min

Lab File: BM012923.D

Acq: 12 Nov 2017 03:41

Instrument :

BNA_M

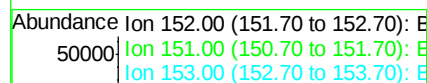
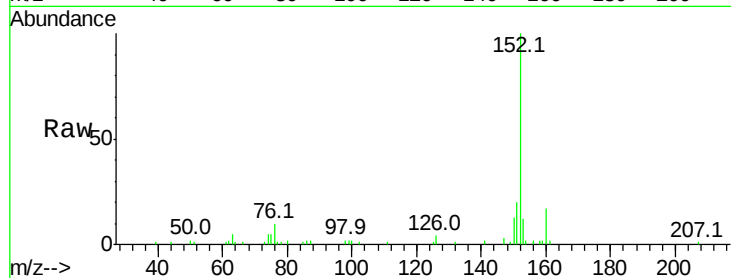
ClientSampleId :

DAHL1

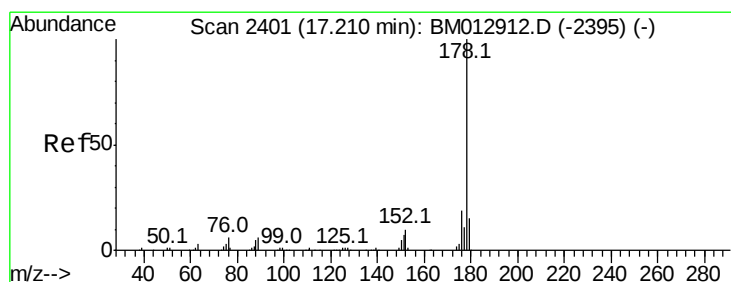
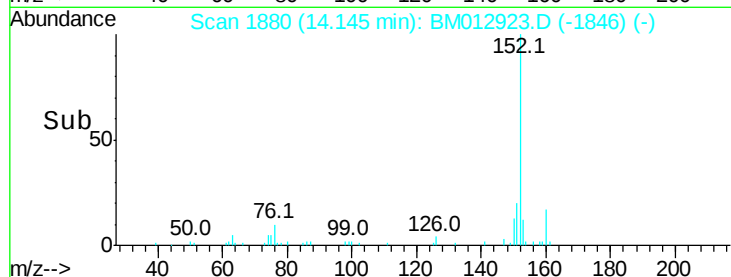
Tot Ion:	152	Resp:	57314
Ion Ratio	Lower	Upper	
152	100		
151	20.0	16.7	25.1
153	11.9	10.2	15.4

Manual Integrations
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#13

Phenanthrene

Concen: 7.634 ng/ul

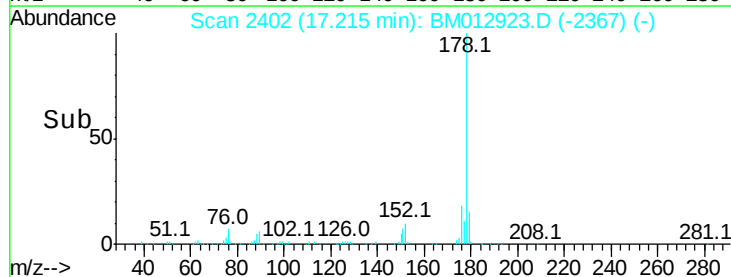
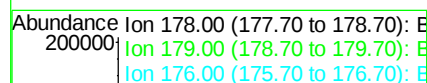
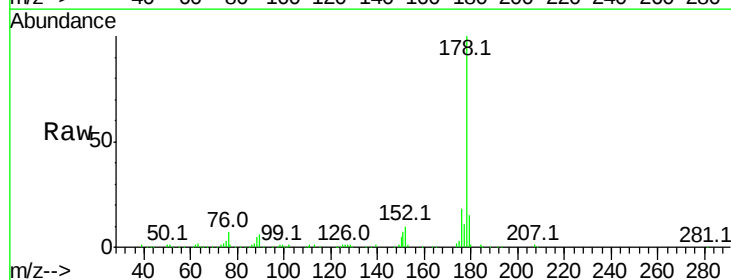
RT: 17.22 min Scan# 2402

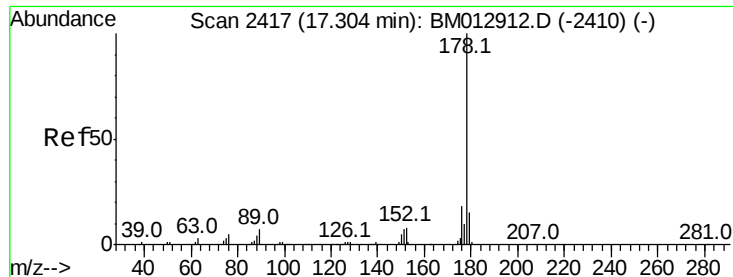
Delta R.T. 0.01 min

Lab File: BM012923.D

Acq: 12 Nov 2017 03:41

Tgt Ion:	178	Resp:	204791
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	18.0	15.1	22.7





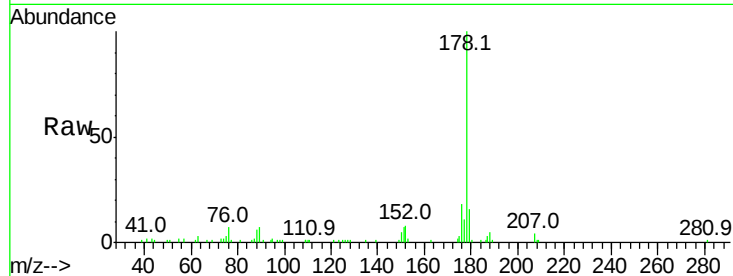
#15
 Anthracene
 Concen: 1.617 ng/ul
 RT: 17.30 min Scan# 2417
 Delta R.T. -0.00 min
 Lab File: BM012923.D
 Acq: 12 Nov 2017 03:41

Instrument :
 BNA_M
 ClientSampleId :
 DAHL1

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

Manual Integrations
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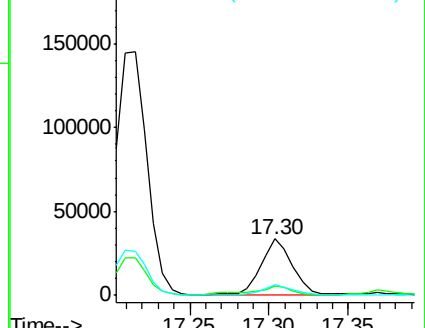


Abundance

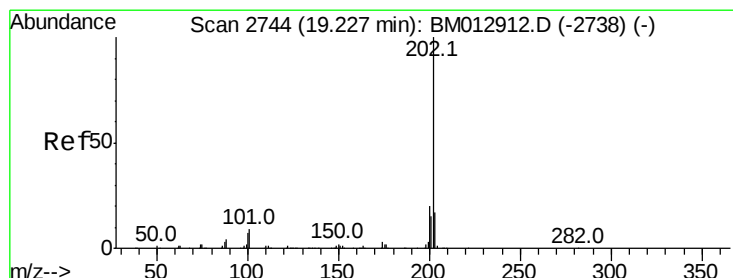
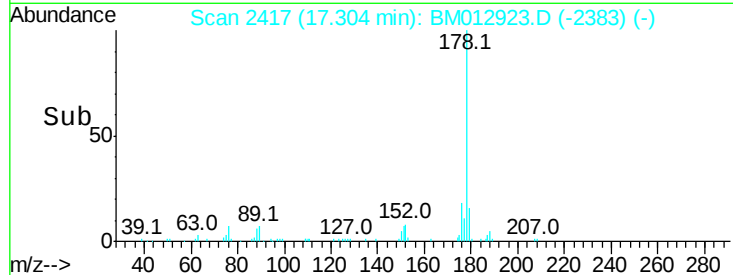
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

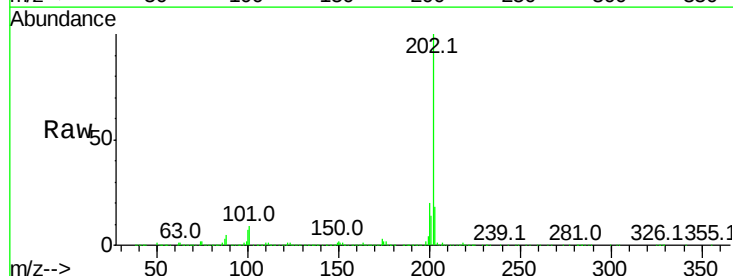


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#16
 Fluoranthene
 Concen: 30.927 ng/ul
 RT: 19.23 min Scan# 2745
 Delta R.T. 0.01 min
 Lab File: BM012923.D
 Acq: 12 Nov 2017 03:41

Tgt Ion	Ratio	Lower	Upper
202	100		
101	8.9	9.9	14.9#
100	6.5	7.4	11.0#

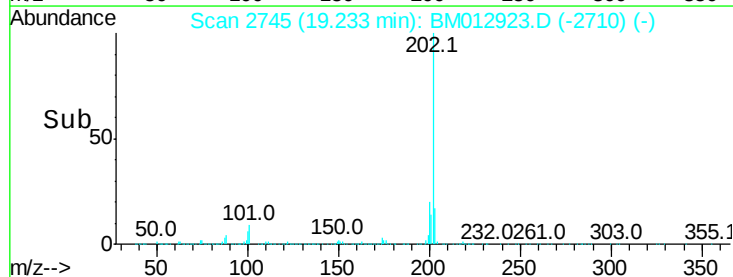
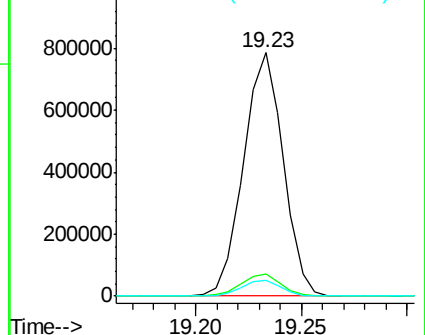


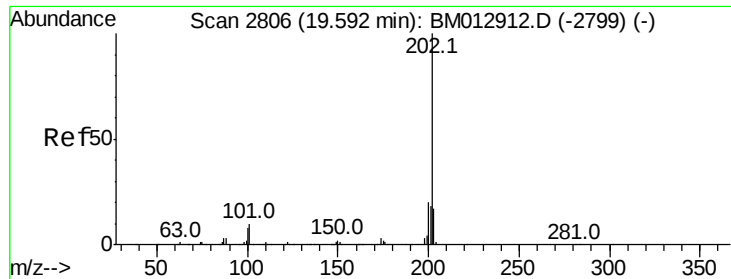
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





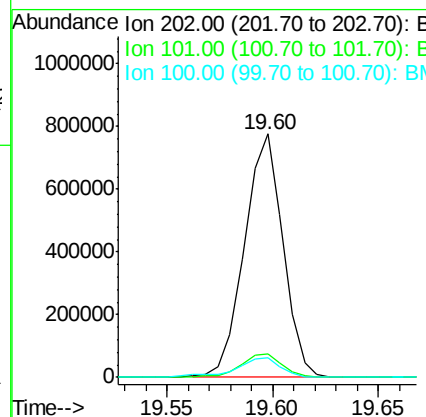
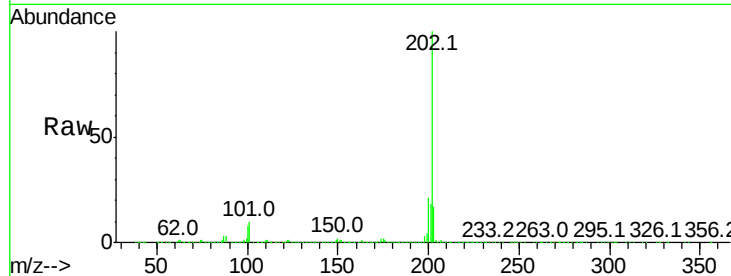
#19
Pvrene
Concen: 28.338 ng/ul
RT: 19.60 min Scan# 2807
Delta R.T. 0.01 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Instrument :
BNA_M
ClientSampleId :
DAHL1

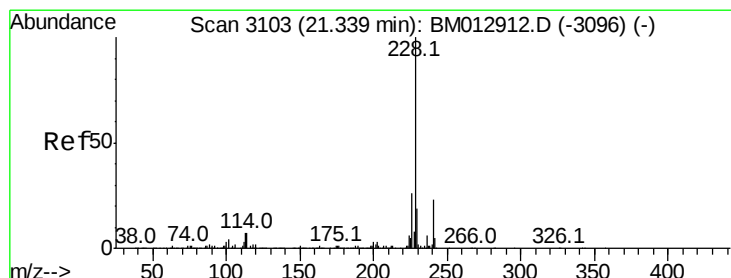
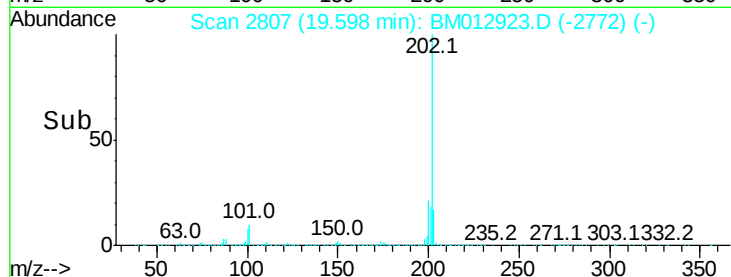
Tot Ion	Ratio	Resp Lower	Upper
202	100		
101	9.6	11.0	16.4#
100	8.1	8.1	12.1

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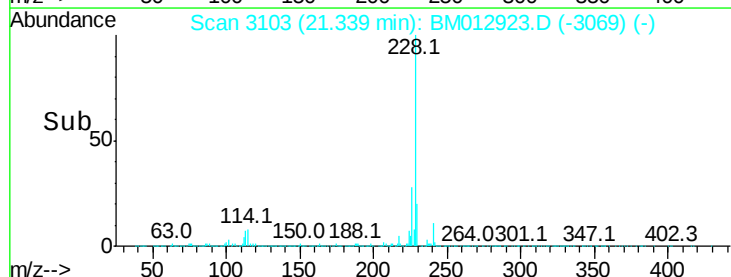
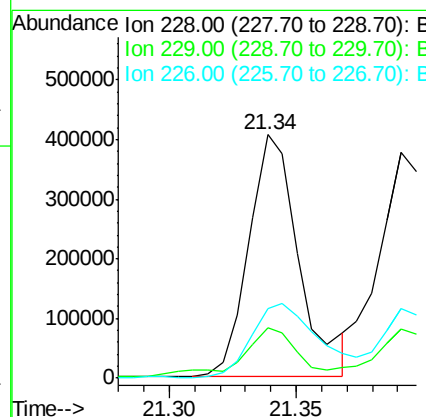
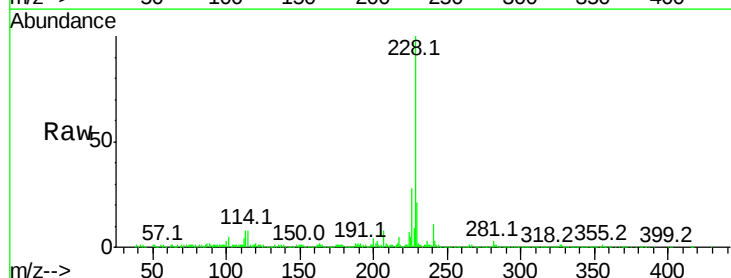


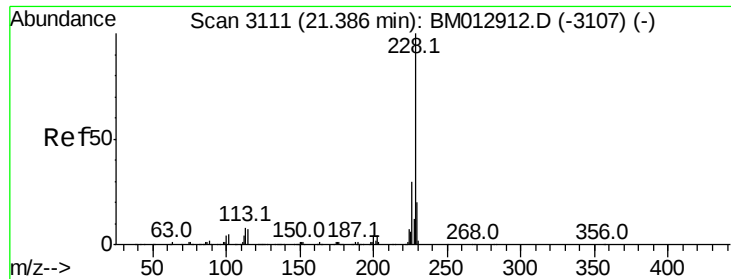
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#20
Benzo(a)anthracene
Concen: 15.152 ng/ul
RT: 21.34 min Scan# 3103
Delta R.T. -0.00 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Tgt Ion	Ratio	Resp Lower	Upper
228	100		
229	20.8	15.7	23.5
226	28.3	21.1	31.7





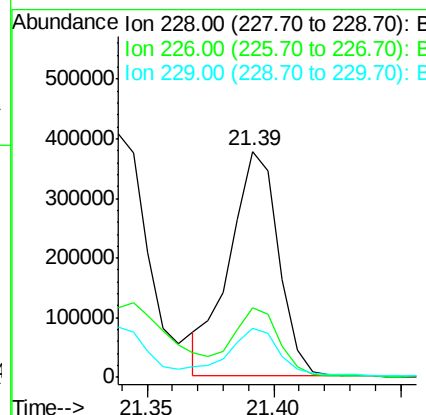
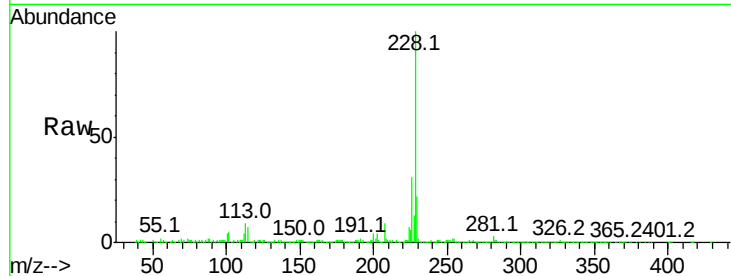
#21
Chrysene
Concen: 15.266 ng/ul
RT: 21.39 min Scan# 3112
Delta R.T. 0.01 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Instrument :
BNA_M
ClientSampled :
DAHL1

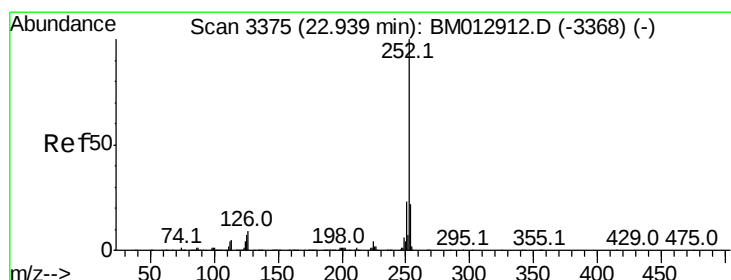
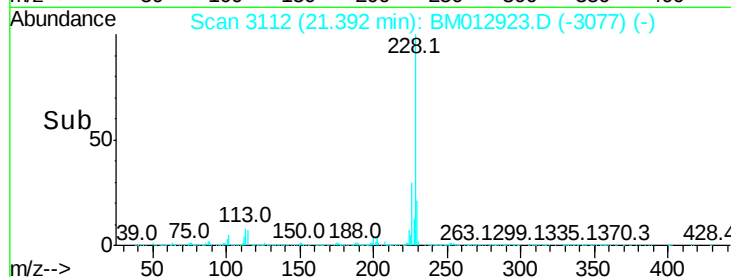
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.5	36.7
229	21.7	15.8	23.8

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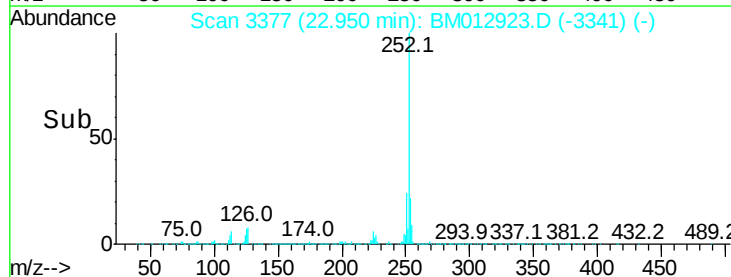
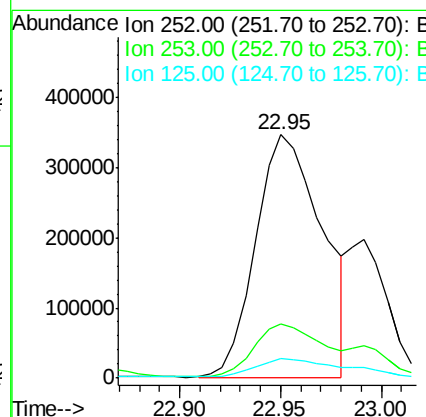
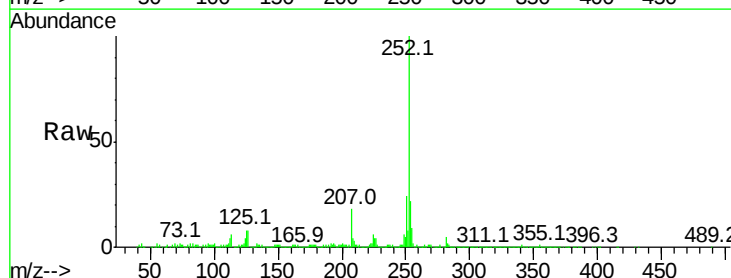


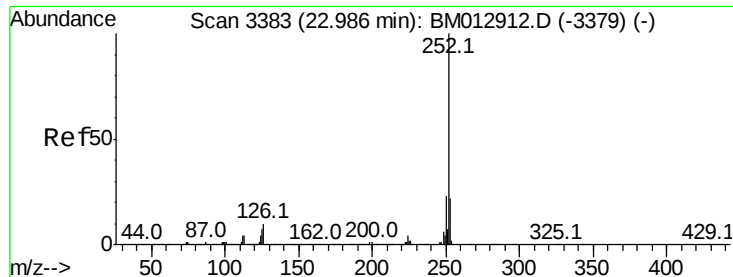
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#23
Benzo(b)fluoranthene
Concen: 19.287 ng/ul m
RT: 22.95 min Scan# 3377
Delta R.T. 0.01 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.0	27.0
125	7.8	8.0	12.0#





#24

Benzo(k)fluoranthene

Concen: 6.503 ng/ul m

RT: 22.99 min Scan# 3384

Delta R.T. 0.01 min

Lab File: BM012923.D

Acq: 12 Nov 2017 03:41

Instrument :

BNA_M

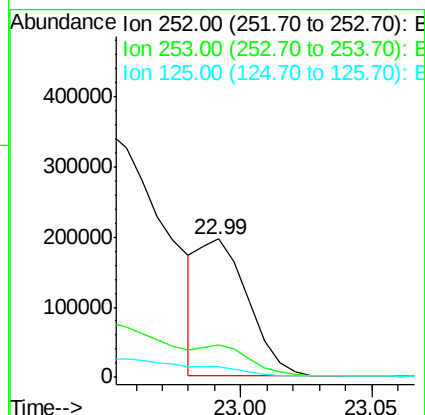
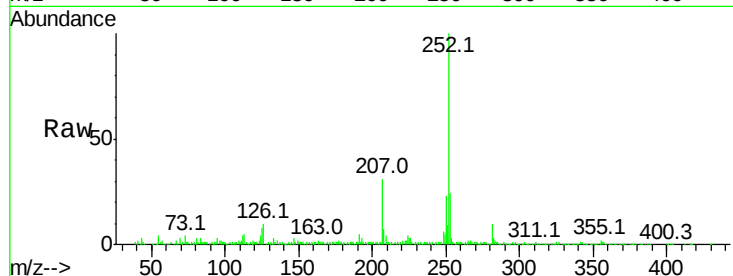
ClientSampleId :

DAHL1

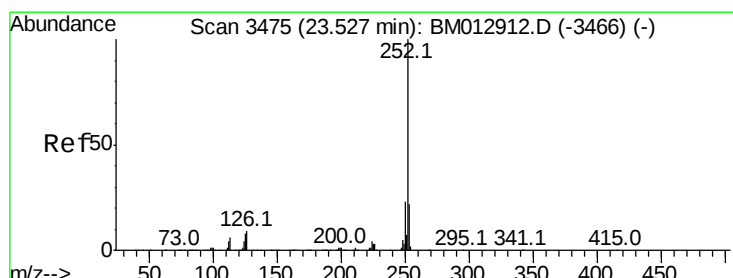
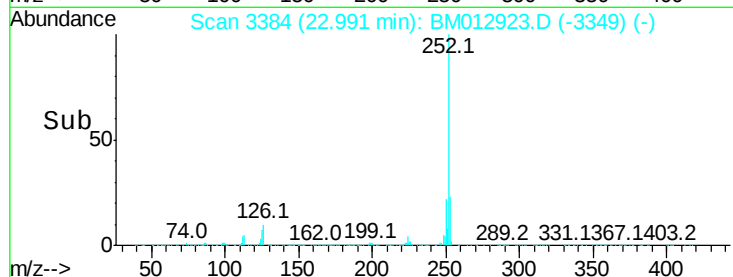
Tot Ion	Ratio	Resp	Lower	Upper
252	100	255686		
253	23.6	18.0	27.0	
125	7.7	8.1	12.1	

Manual Integrations
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#26

Benzo(a)pyrene

Concen: 13.772 ng/ul m

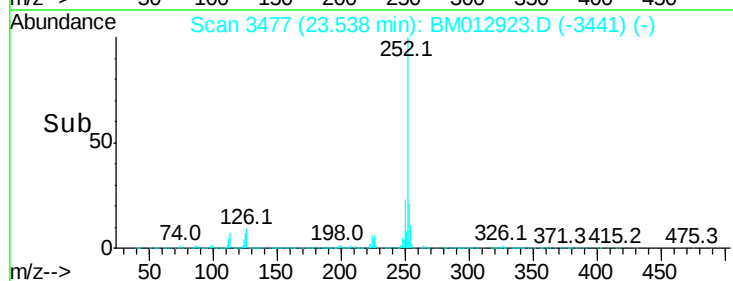
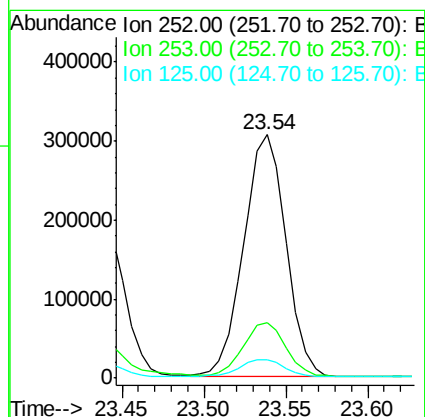
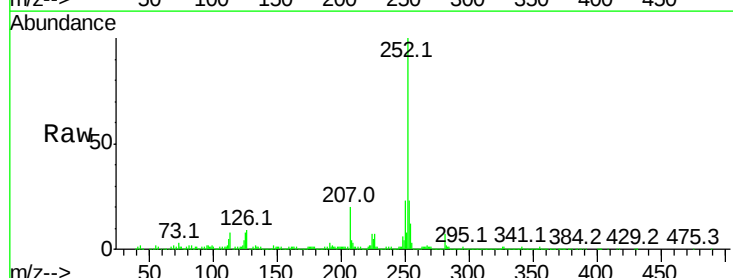
RT: 23.54 min Scan# 3477

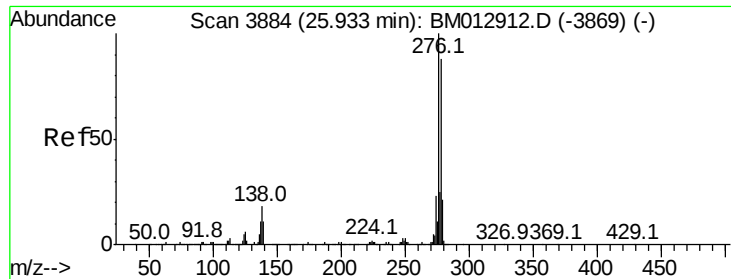
Delta R.T. 0.01 min

Lab File: BM012923.D

Acq: 12 Nov 2017 03:41

Tgt Ion	Ratio	Resp	Lower	Upper
252	100	549547		
253	22.8	17.2	25.8	
125	7.8	8.2	12.4	





#27

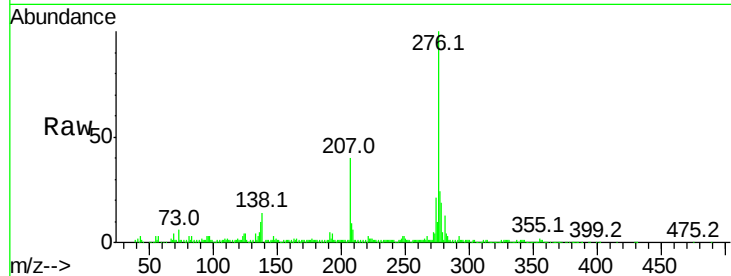
Indeno(1,2,3-cd)pyrene
Concen: 8.149 ng/ul
RT: 25.94 min Scan# 3886
Delta R.T. 0.01 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Instrument :
BNA_M
ClientSampleId :
DAHL1

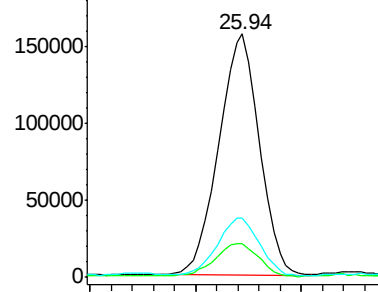
Tot Ion	Ratio	Lower	Upper
276	100		
138	13.8	14.4	21.6#
277	24.1	18.0	27.0

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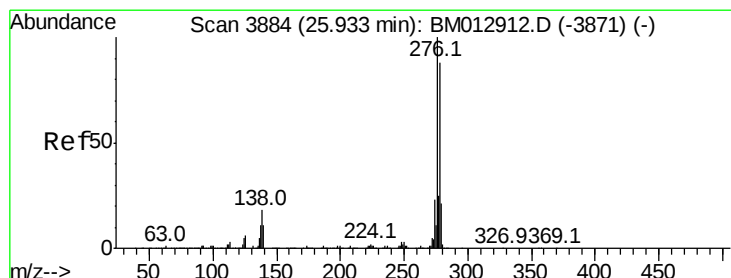
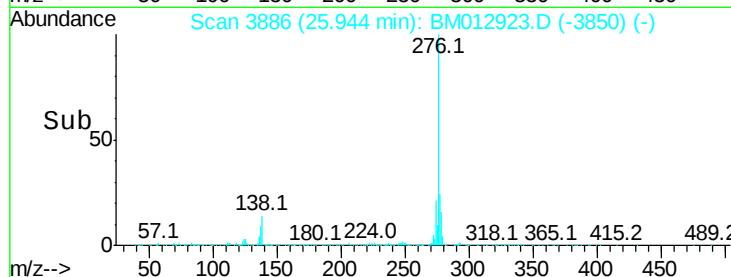
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Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



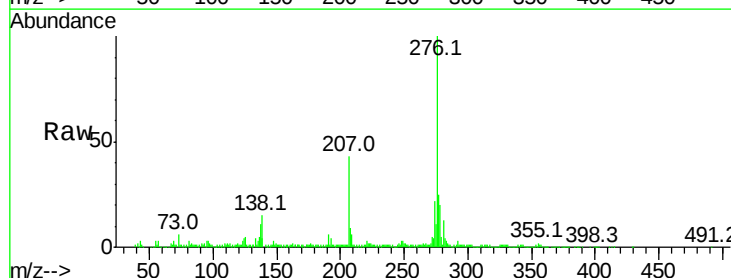
11/13/2017 4:50:02 PM



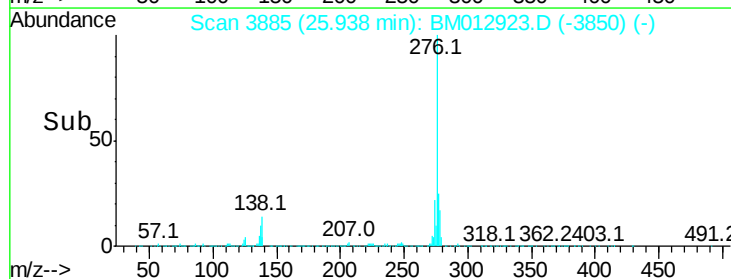
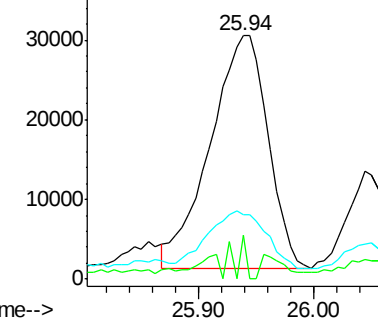
#28

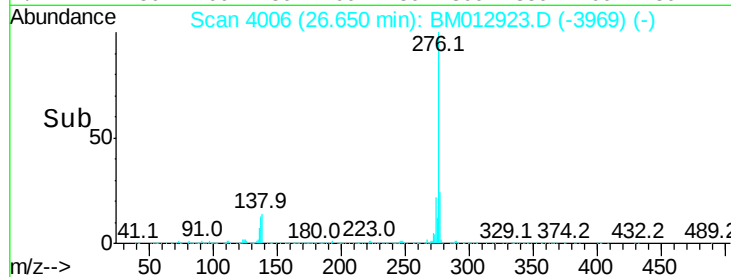
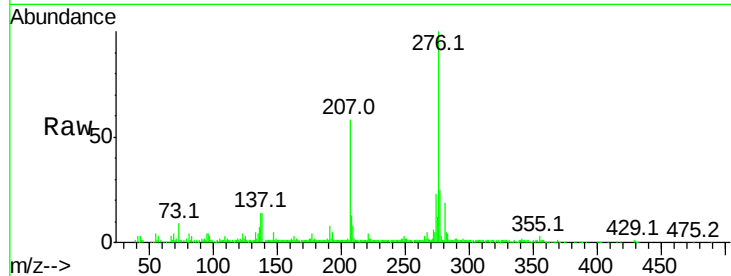
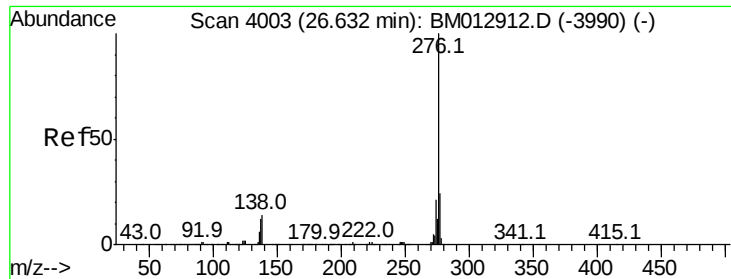
Dibenzo(a,h)anthracene
Concen: 2.345 ng/ul
RT: 25.94 min Scan# 3885
Delta R.T. 0.01 min
Lab File: BM012923.D
Acq: 12 Nov 2017 03:41

Tgt Ion	Ratio	Lower	Upper
278	100		
139	18.0	12.2	18.4
279	26.5	19.2	28.8



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 7.776 ng/ul

RT: 26.65 min Scan# 4006

Delta R.T. 0.02 min

Lab File: BM012923.D

Acq: 12 Nov 2017 03:41

Instrument :

BNA_M

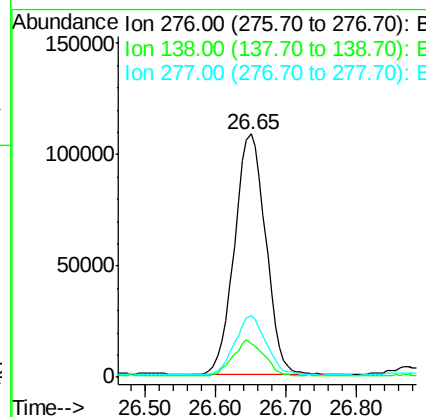
ClientSampleId :

DAHL1

Tot Ion:	276	Resp:	334079
Ion Ratio	Lower	Upper	
276	100		
138	14.1	15.3	22.9#
277	25.2	19.0	28.4

Manual Integrations
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