Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM031717\
Data File : BM009281.D
Acq On : 17 Mar 2017 19:25
Operator : SJ/MA
Sample : I2285-03
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : CB319

Manual Integrations APPROVED
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3/20/2017 12:09:10 PM

Quant Time: Mar 18 00:59:28 2017
Quant Method : Z:\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM031717-PAH.M
Quant Title : SVOA CALIBRATION
QLast Update : Sat Mar 18 00:39:50 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.87	152	110397	20.00	ng/ul	0.00
2) Naphthalene-d8	10.67	136	533327	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.52	164	366226	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.26	188	940321	20.00	ng/ul	0.00
18) Chrysene-d12	21.44	240	1447821	20.00	ng/ul	0.00
23) Perylene-d12	23.77	264	1520468	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 2,4-Dichlorophenol-d3	10.29	165	32416	3.74	ng/uL	0.00
7) Acenaphthylene-d8	14.21	160	750272	24.16	ng/ul	0.00
10) Fluorene-d10	15.50	176	604802	22.22	ng/ul	0.00
15) Anthracene-d10	17.36	188	1022401	22.88	ng/ul	0.00
19) Pyrene-d10	19.65	212	1355918	23.36	ng/ul	0.00
26) Benzo(a)pyrene-d12	23.62	264	1551131	22.44	ng/ul	0.00
Target Compounds						Qvalue
4) Naphthalene	10.72	128	34790	1.28	ng/ul	99
8) Acenaphthylene	14.24	152	50766	1.62	ng/ul	94
14) Phenanthrene	17.30	178	534608	10.10	ng/ul	96
16) Anthracene	17.40	178	127252	2.32	ng/ul	98
17) Fluoranthene	19.32	202	1154518	17.20	ng/ul#	95
20) Pyrene	19.68	202	1403423	18.79	ng/ul	95
21) Benzo(a)anthracene	21.42	228	867011	10.52	ng/ul	98
22) Chrysene	21.47	228	1069060	13.73	ng/ul	99
24) Benzo(b)fluoranthene	23.07	252	2084087	23.29	ng/ul	98
25) Benzo(k)fluoranthene	23.10	252	531708m	6.30	ng/ul	
27) Benzo(a)pyrene	23.67	252	1232436m	14.31	ng/ul	
28) Indeno(1,2,3-cd)pyrene	26.14	276	831100	8.13	ng/ul#	95
29) Dibenzo(a,h)anthracene	26.15	278	234138	2.71	ng/ul	97
30) Benzo(g,h,i)perylene	26.88	276	765869	9.00	ng/ul#	91

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

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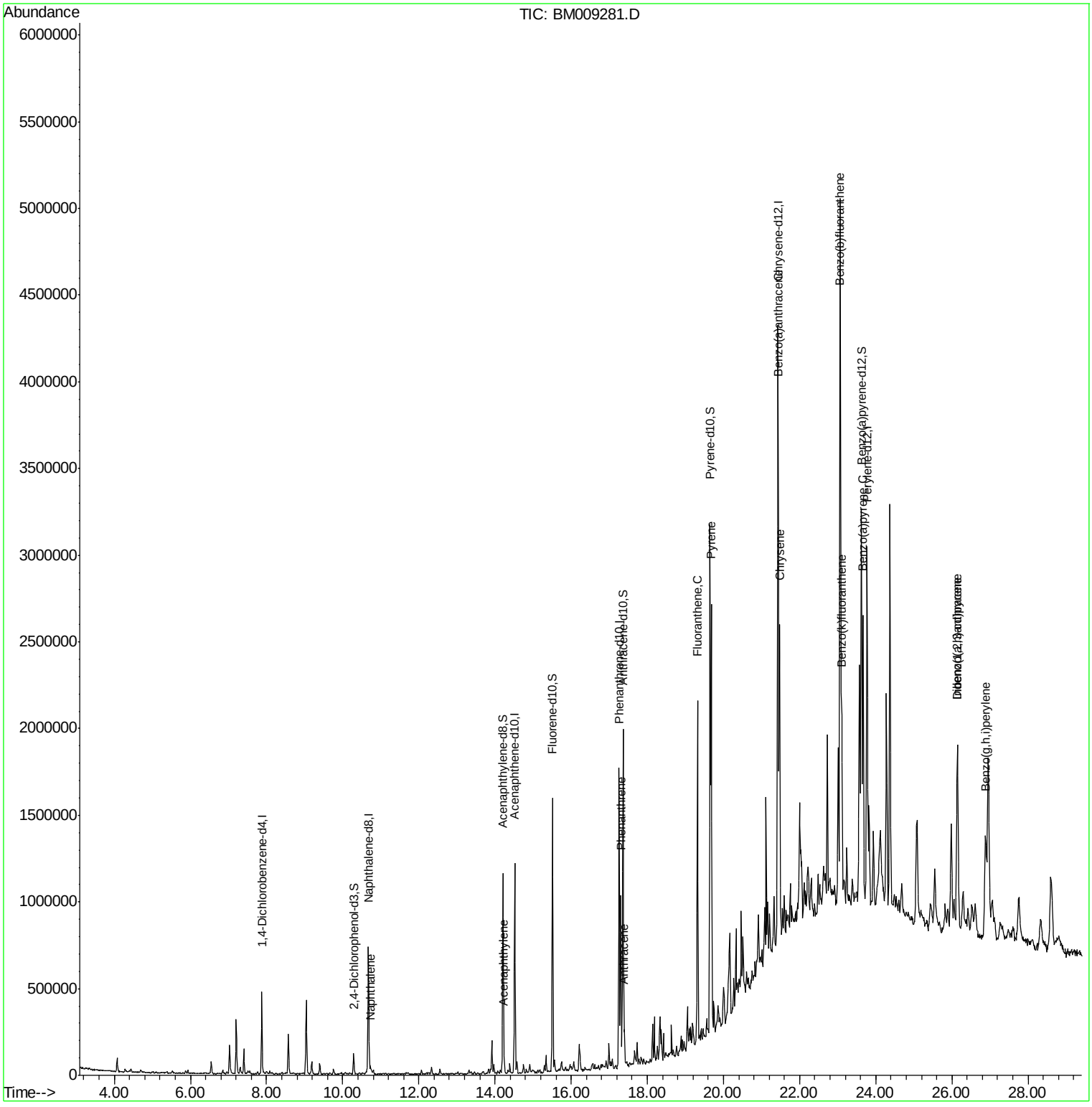
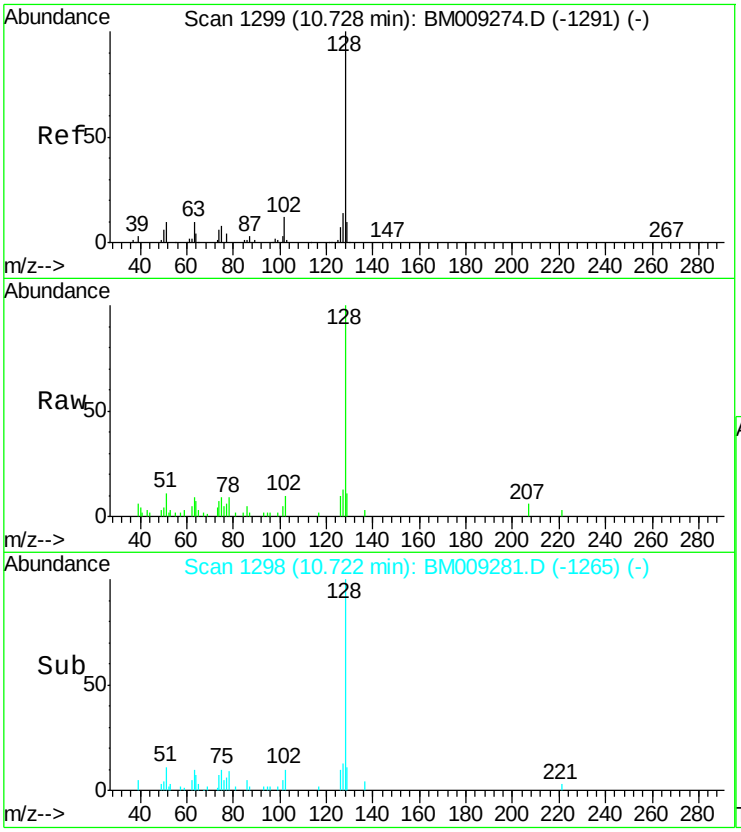
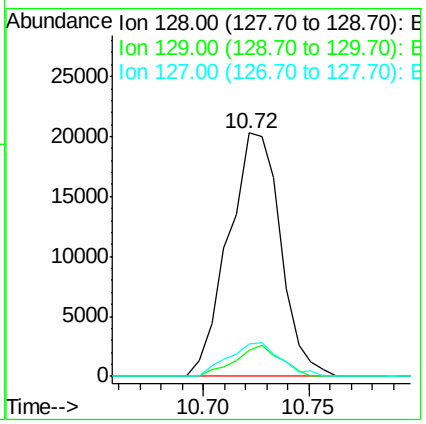




#4
Naphthalene
Concen: 1.28 ng/ul
RT: 10.72 min Scan# 1298
Delta R.T. -0.01 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:128 Resp: 34790

Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.1	13.7
127	13.2	10.6	15.8



Instrument :
BNA_M
ClientSampleId :
CB319

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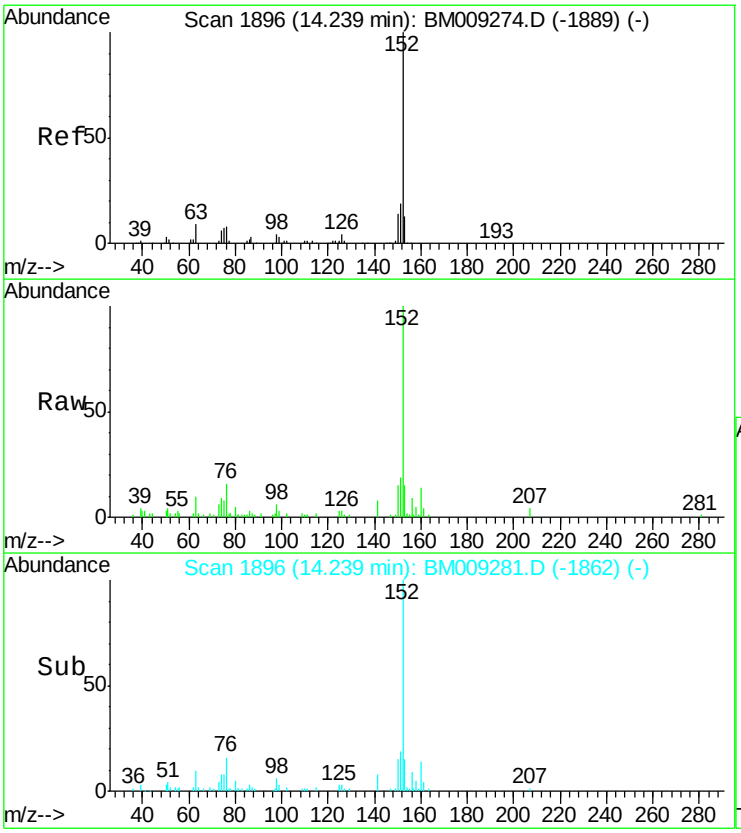
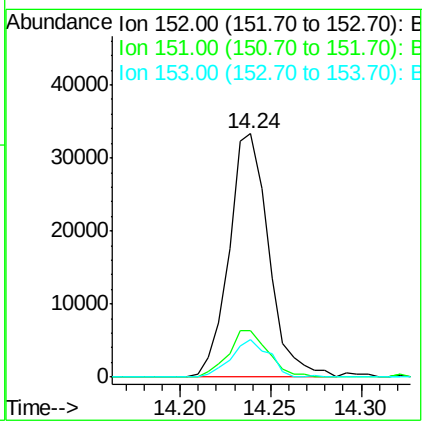
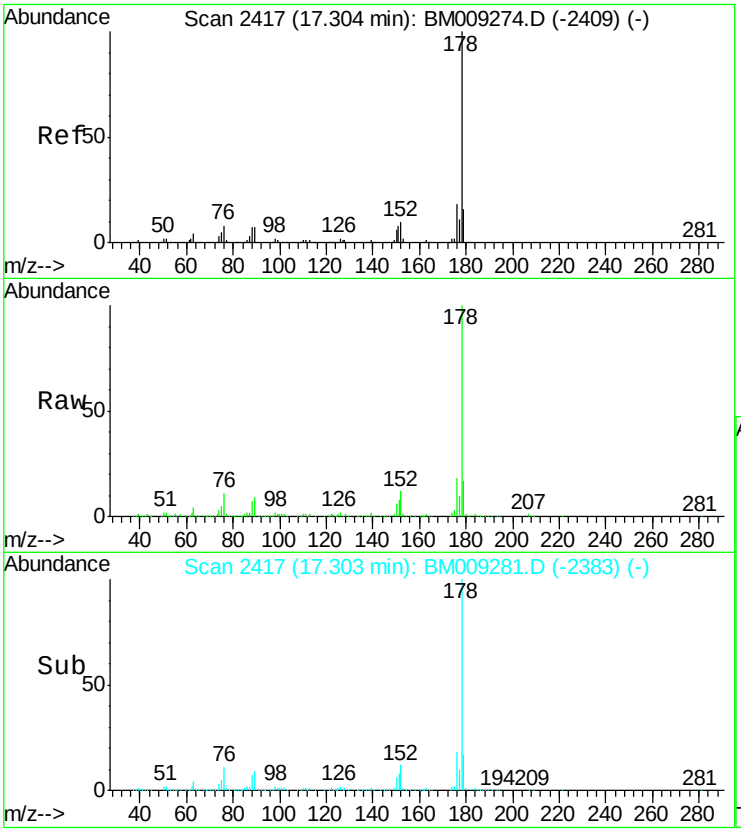


#8
Acenaphthylene
Concen: 1.62 ng/ul
RT: 14.24 min Scan# 1896
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:152 Resp: 50766

Ion	Ratio	Lower	Upper
152	100		
151	18.9	17.5	26.3
153	15.3	10.6	16.0

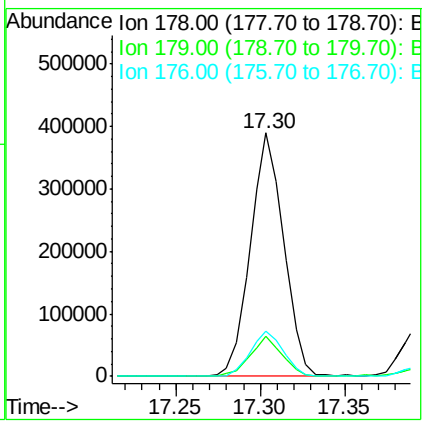




#14
Phenanthrene
Concen: 10.10 ng/ul
RT: 17.30 min Scan# 2417
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:178 Resp: 534608

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.2	18.4
176	18.4	16.4	24.6



Instrument :
BNA_M
ClientSampleId :
CB319

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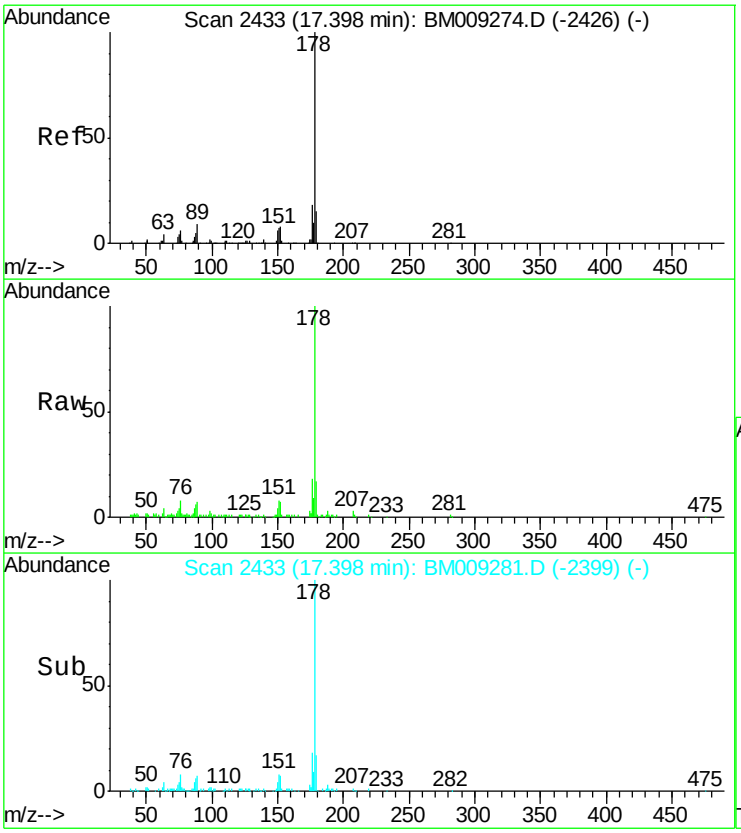
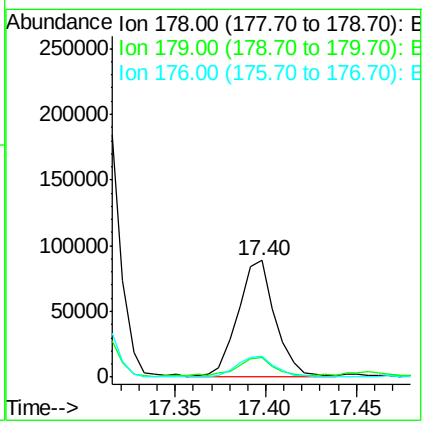
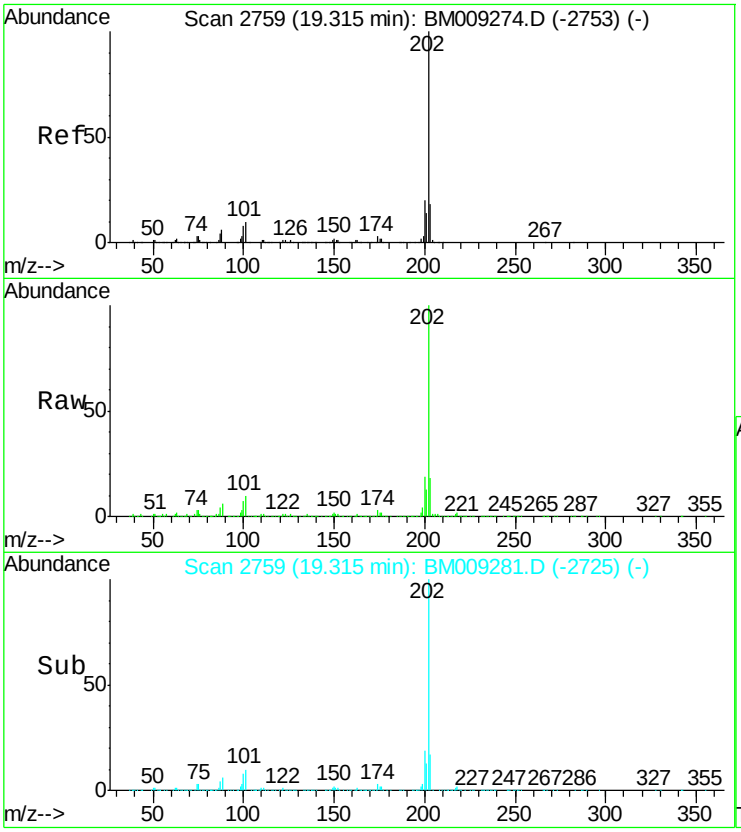


#16
Anthracene
Concen: 2.32 ng/ul
RT: 17.40 min Scan# 2433
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:178 Resp: 127252

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.7	19.1
176	18.4	15.8	23.8

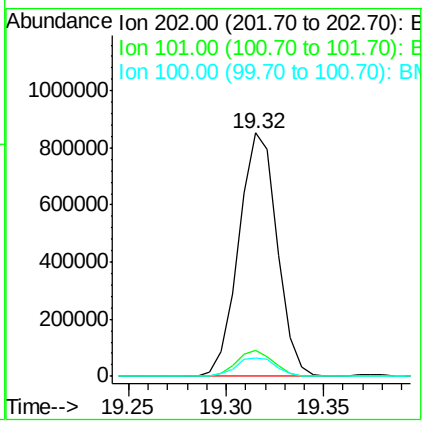




#17
Fluoranthene
Concen: 17.20 ng/ul
RT: 19.32 min Scan# 2759
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:202 Resp: 1154518

Ion	Ratio	Lower	Upper
202	100		
101	10.5	9.8	14.8
100	7.5	7.5	11.3#



Instrument :
BNA_M
ClientSampleId :
CB319

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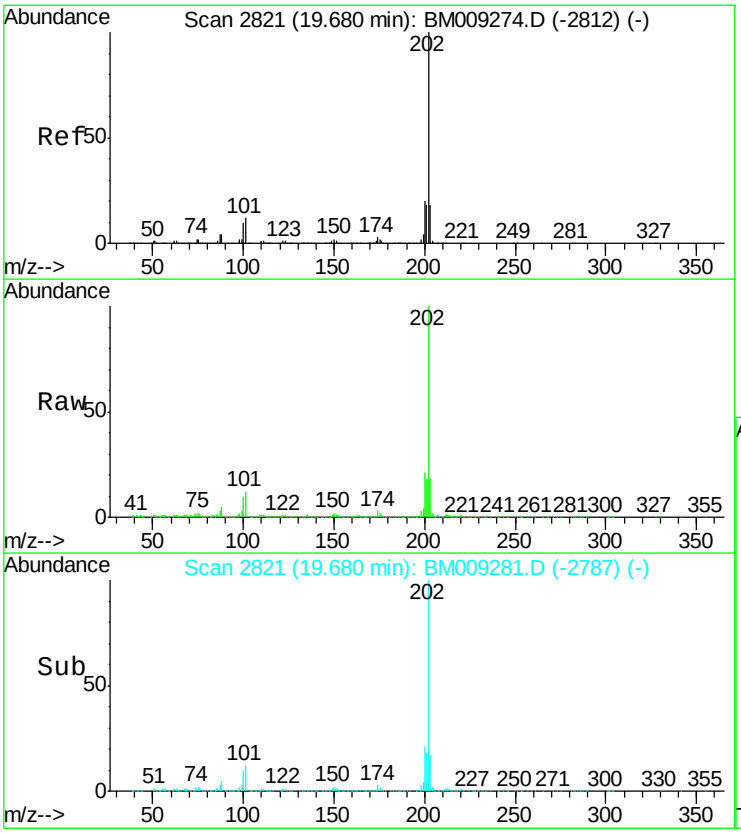
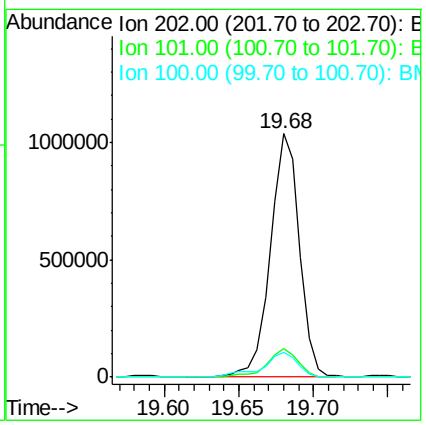
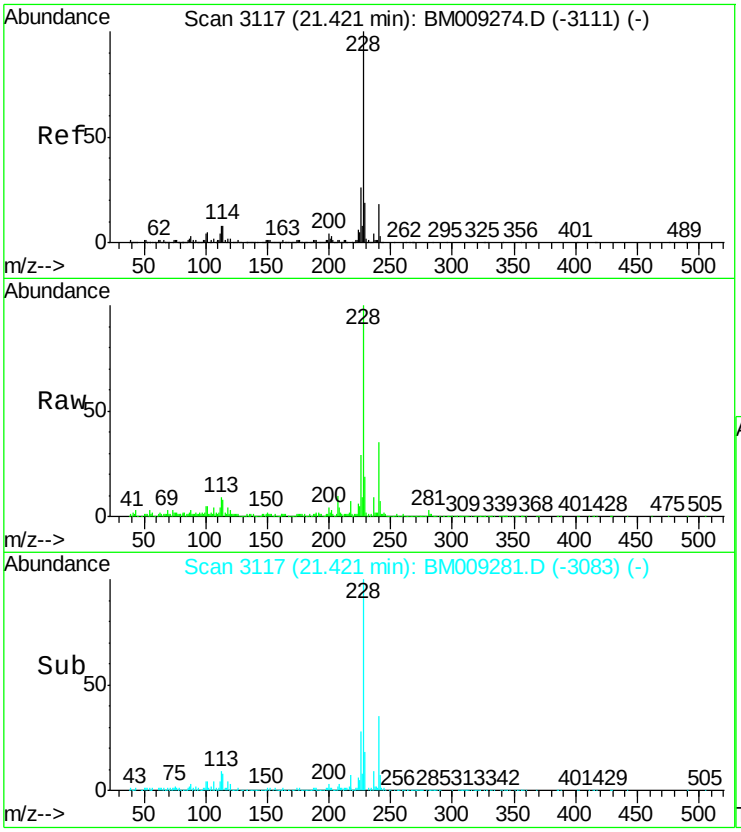


#20
Pyrene
Concen: 18.79 ng/ul
RT: 19.68 min Scan# 2821
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:202 Resp: 1403423

Ion	Ratio	Lower	Upper
202	100		
101	11.9	11.2	16.8
100	10.2	9.8	14.6

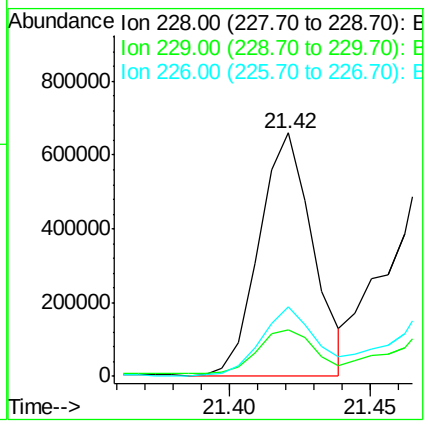




#21
Benzo(a)anthracene
Concen: 10.52 ng/ul
RT: 21.42 min Scan# 3117
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:228 Resp: 867011

Ion	Ratio	Lower	Upper
228	100		
229	18.9	15.9	23.9
226	28.8	22.1	33.1



Instrument :
BNA_M
ClientSampleId :
CB319

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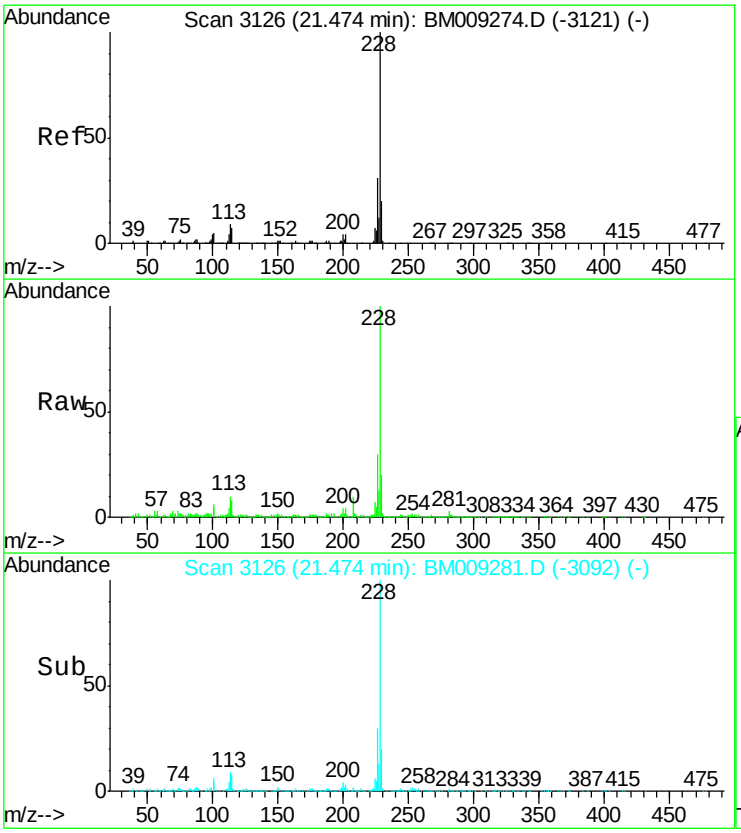
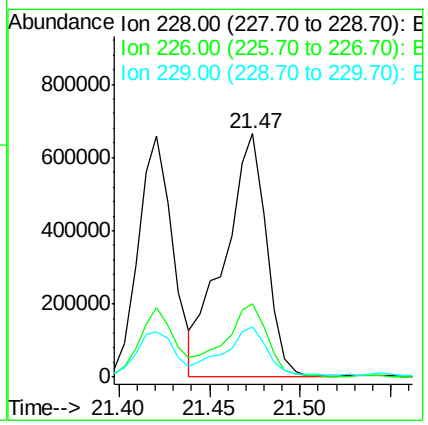
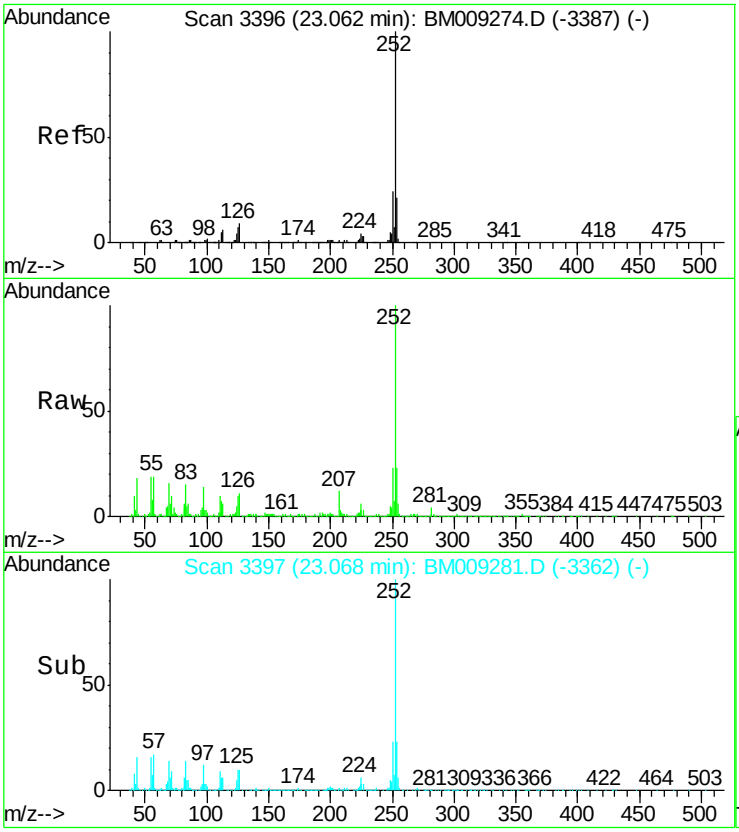


#22
Chrysene
Concen: 13.73 ng/ul
RT: 21.47 min Scan# 3126
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:228 Resp: 1069060

Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	20.5	16.6	25.0

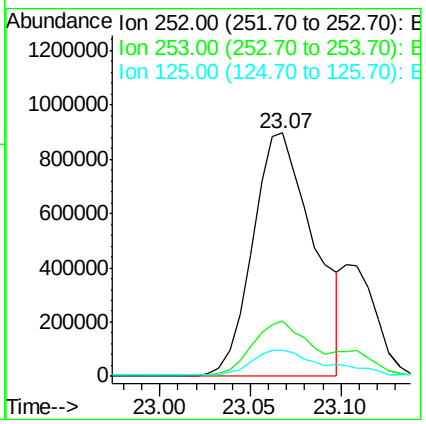




#24
Benzo(b)fluoranthene
Concen: 23.29 ng/ul
RT: 23.07 min Scan# 3397
Delta R.T. 0.01 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:252 Resp: 2084087

Ion	Ratio	Lower	Upper
252	100		
253	22.9	17.8	26.6
125	10.5	9.4	14.0



Instrument :
BNA_M
ClientSampleId :
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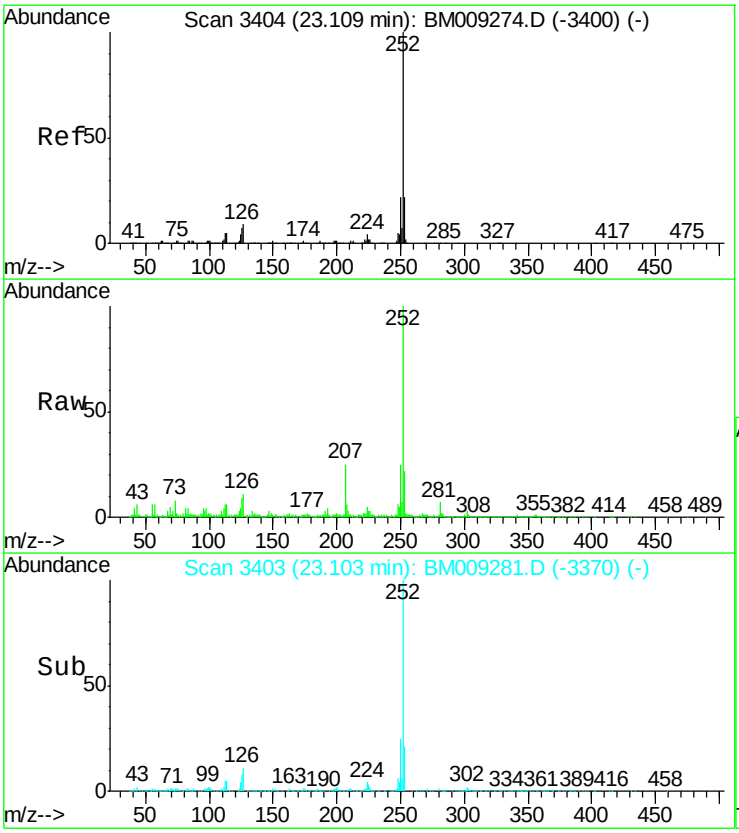
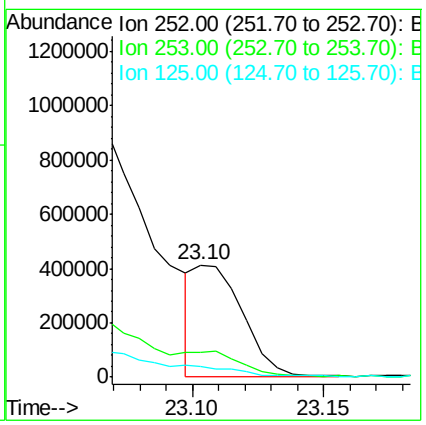
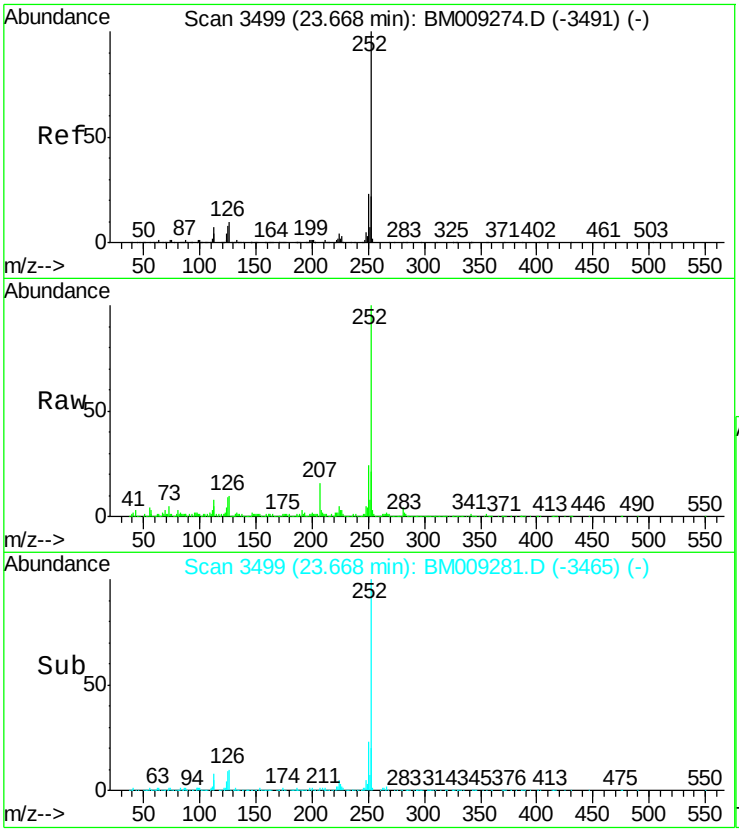


#25
Benzo(k)fluoranthene
Concen: 6.30 ng/ul m
RT: 23.10 min Scan# 3403
Delta R.T. -0.01 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:252 Resp: 531708

Ion	Ratio	Lower	Upper
252	100		
253	21.8	17.4	26.2
125	9.3	8.8	13.2





#27
Benzo(a)pyrene
Concen: 14.31 ng/ul m
RT: 23.67 min Scan# 3499
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:252 Resp: 1232436

Ion	Ratio	Lower	Upper
252	100		
253	21.2	17.1	25.7
125	9.1	9.4	14.2#

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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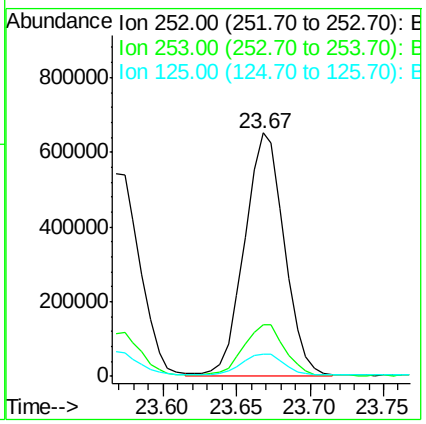
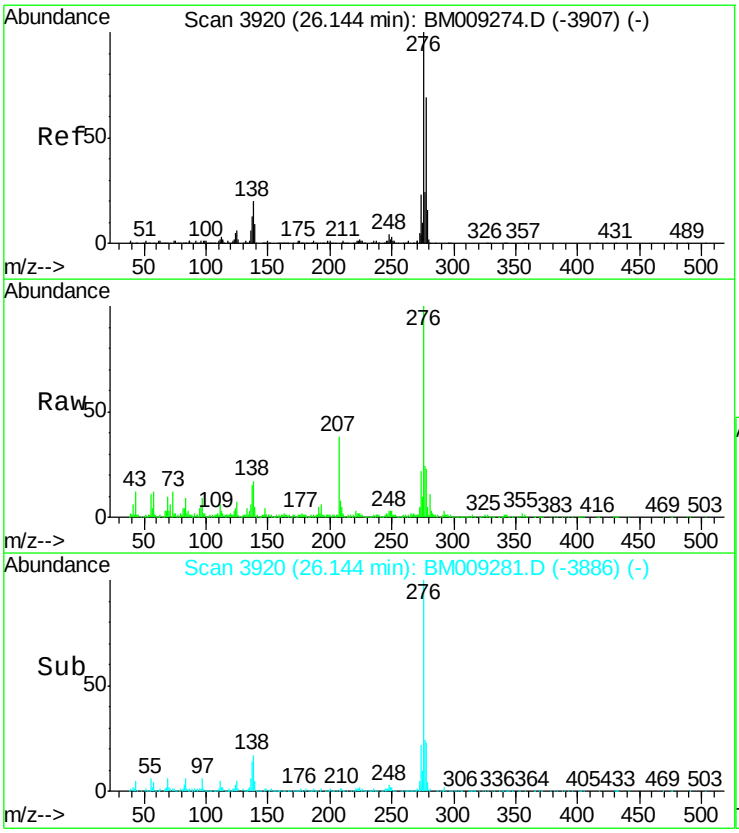
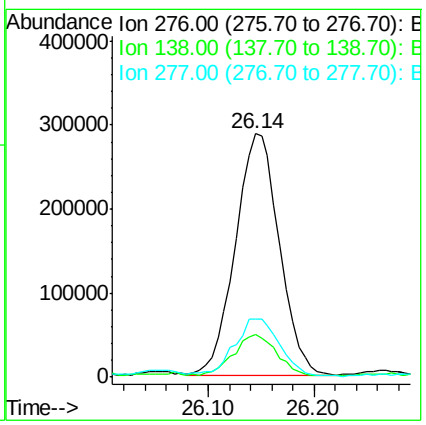


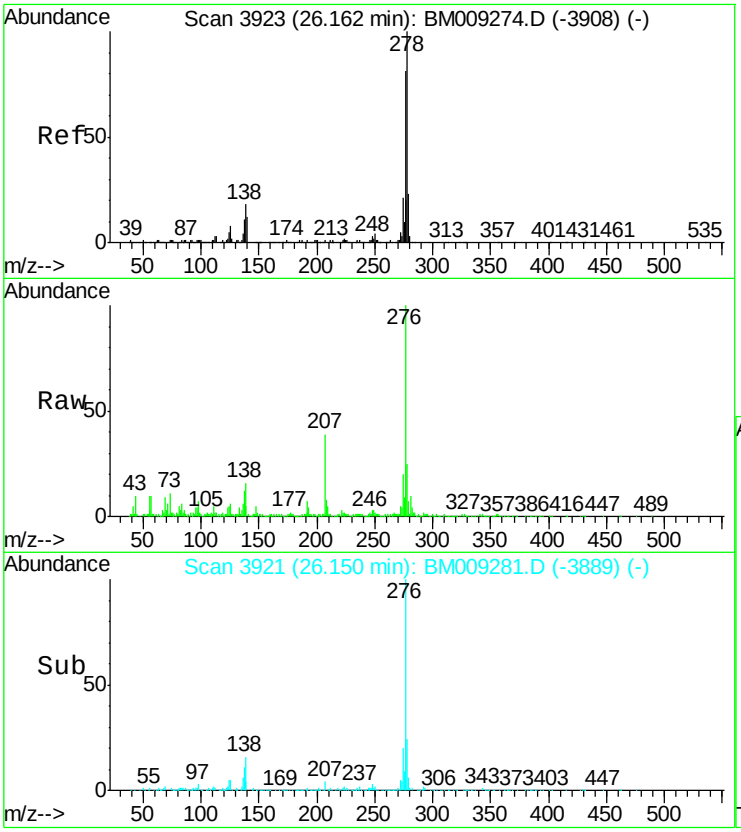


#28
Indeno(1,2,3-cd)pyrene
Concen: 8.13 ng/ul
RT: 26.14 min Scan# 3920
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:276 Resp: 831100

Ion	Ratio	Lower	Upper
276	100		
138	17.4	17.8	26.6#
277	24.1	19.4	29.0

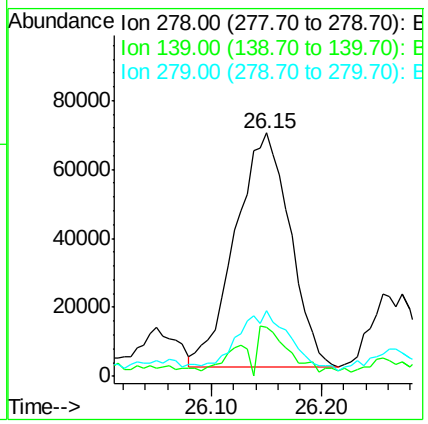




#29
Dibenzo(a,h)anthracene
Concen: 2.71 ng/ul
RT: 26.15 min Scan# 3921
Delta R.T. -0.01 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:278 Resp: 234138

Ion	Ratio	Lower	Upper
278	100		
139	20.0	14.0	21.0
279	26.8	20.6	31.0



Instrument :
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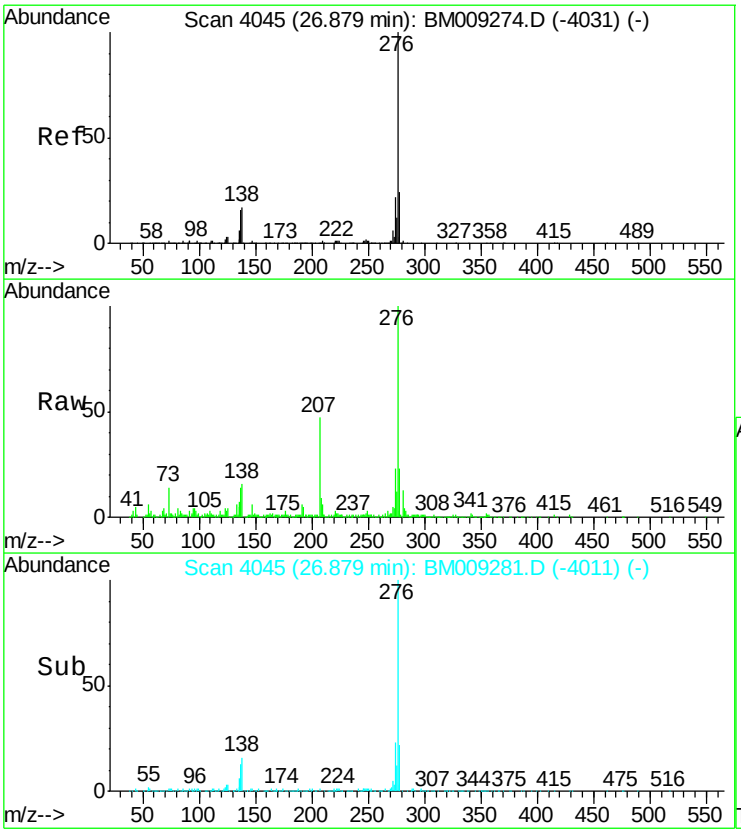

#30
Benzo(g,h,i)perylene
Concen: 9.00 ng/ul
RT: 26.88 min Scan# 4045
Delta R.T. -0.00 min
Lab File: BM009281.D
Acq: 17 Mar 2017 19:25

Tgt Ion:276 Resp: 765869

Ion	Ratio	Lower	Upper
276	100		
138	16.0	19.0	28.4#
277	22.9	19.7	29.5