Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM030320\
Data File : BM025216.D
Acq On : 03 Mar 2020 17:34
Operator : CG/JU
Sample : L1507-10
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBD08

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Quant Time: Mar 03 18:07:32 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM030320.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Mar 03 14:30:08 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.68	152	2922	0.40	ng/ul	0.00
2) Naphthalene-d8	10.45	136	11637	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.31	164	8525	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	20268	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	19712	0.40	ng/ul	0.00
20) Perylene-d12	23.43	264	19549	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.04	152	4765	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	14496	0.22	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.50	128	3421	0.098	ng/ul#	87
5) 2-Methylnaphthalene	12.12	142	2001	0.078	ng/ul	99
7) Acenaphthylene	14.02	152	2275	0.057	ng/ul	99
9) Fluorene	15.36	166	1318	0.034	ng/ul	95
12) Phenanthrene	17.09	178	9379	0.144	ng/ul	97
13) Anthracene	17.18	178	1742	0.030	ng/ul#	95
15) Fluoranthene	19.11	202	8995	0.110	ng/ul	95
17) Pyrene	19.47	202	13952	0.187	ng/ul#	94
18) Benzo(a)anthracene	21.22	228	4624	0.064	ng/ul	94
19) Chrysene	21.27	228	5568	0.070	ng/ul	99
21) Benzo(b)fluoranthene	22.78	252	5457m	0.070	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	2686m	0.033	ng/ul	
23) Benzo(a)pyrene	23.33	252	3833	0.058	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.61	276	2455	0.030	ng/ul#	100
26) Benzo(g,h,i)perylene	26.28	276	2178	0.031	ng/ul#	92

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

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Instrument :
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ClientSampleId :
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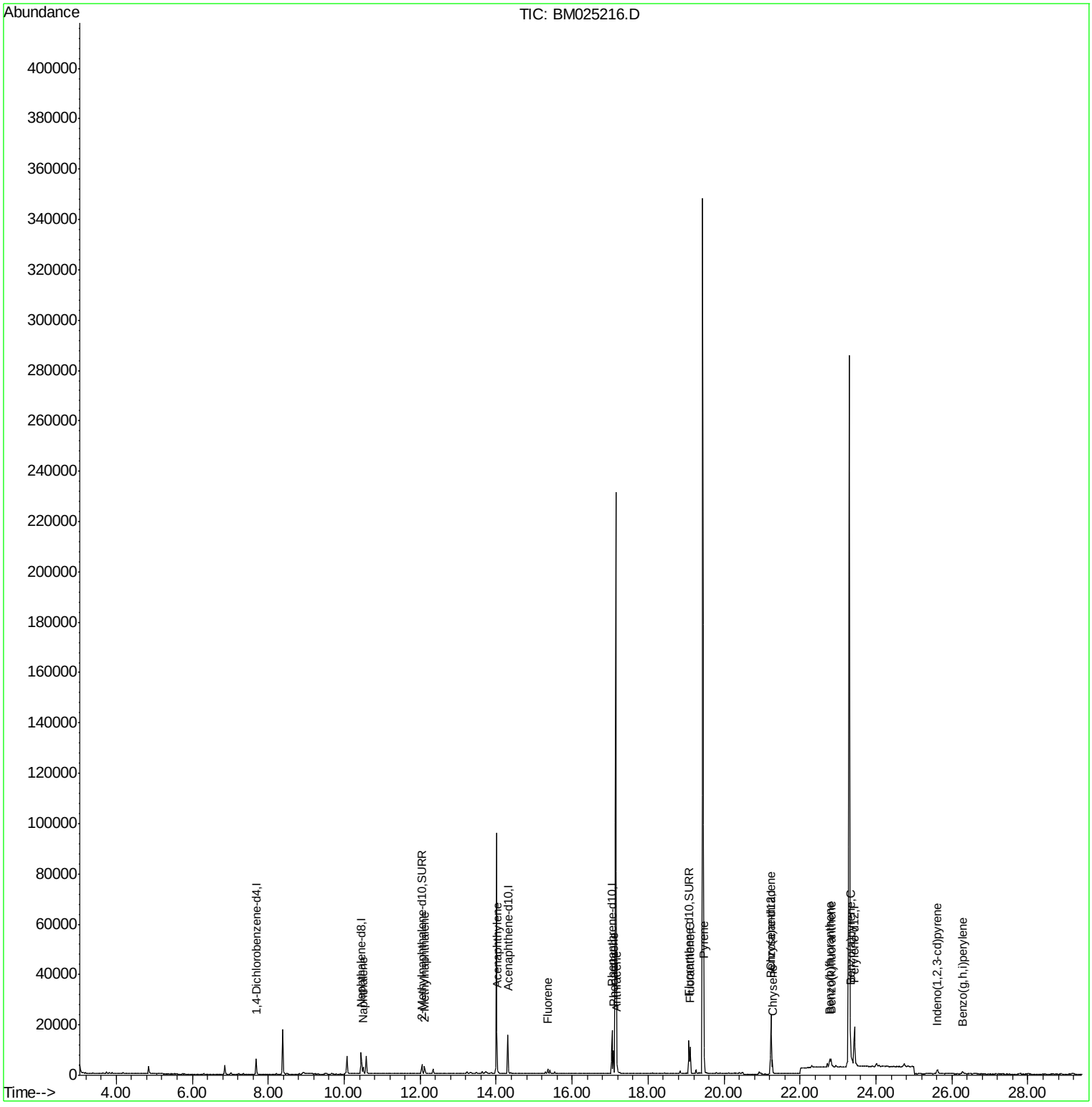

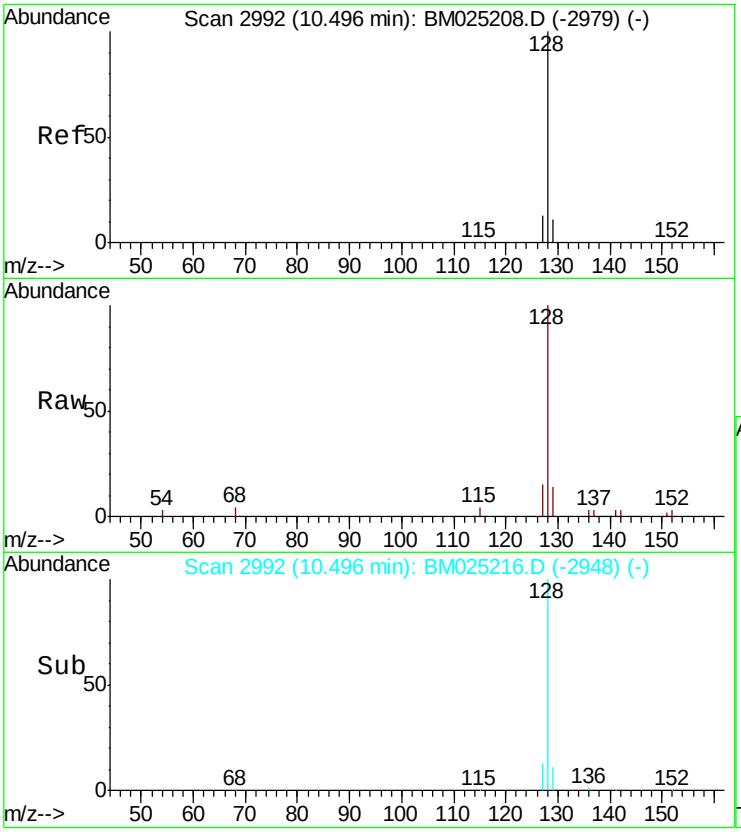

#3
Naphthalene
Concen: 0.098 ng/ul
RT: 10.50 min Scan# 2992
Delta R.T. -0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:128 Resp: 3421

Ion	Ratio	Lower	Upper
128	100		
129	13.8	17.0	25.6#
127	15.3	15.7	23.5#

Instrument :
BNA_M
ClientSampleId :
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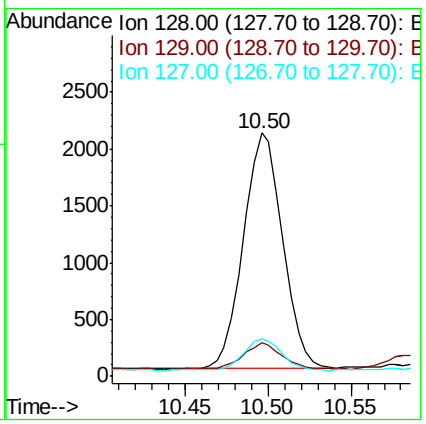
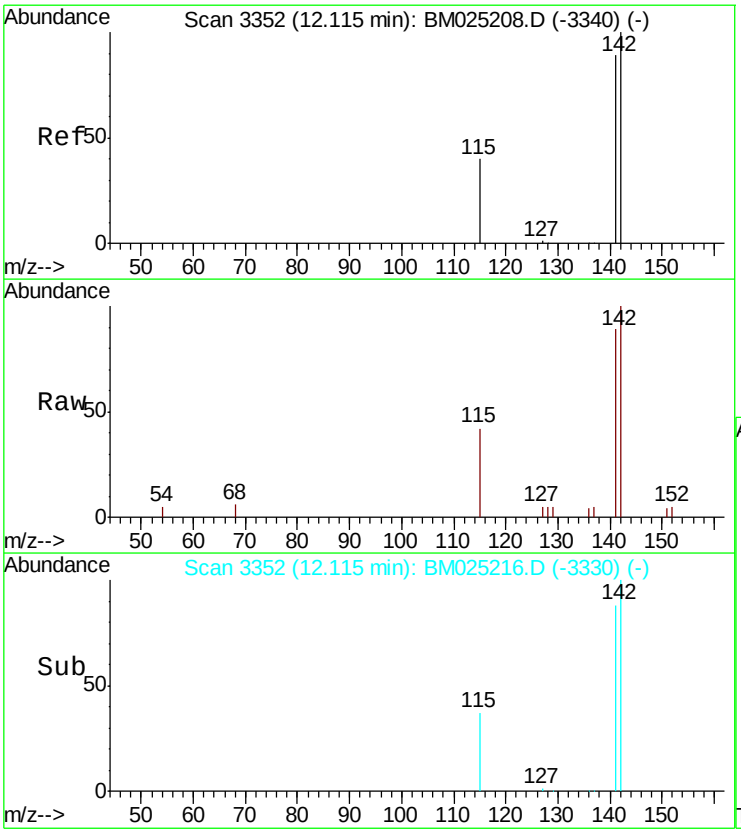
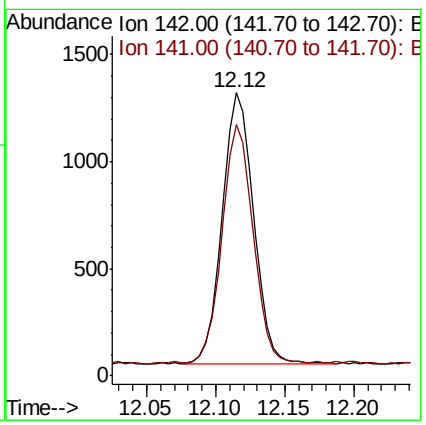


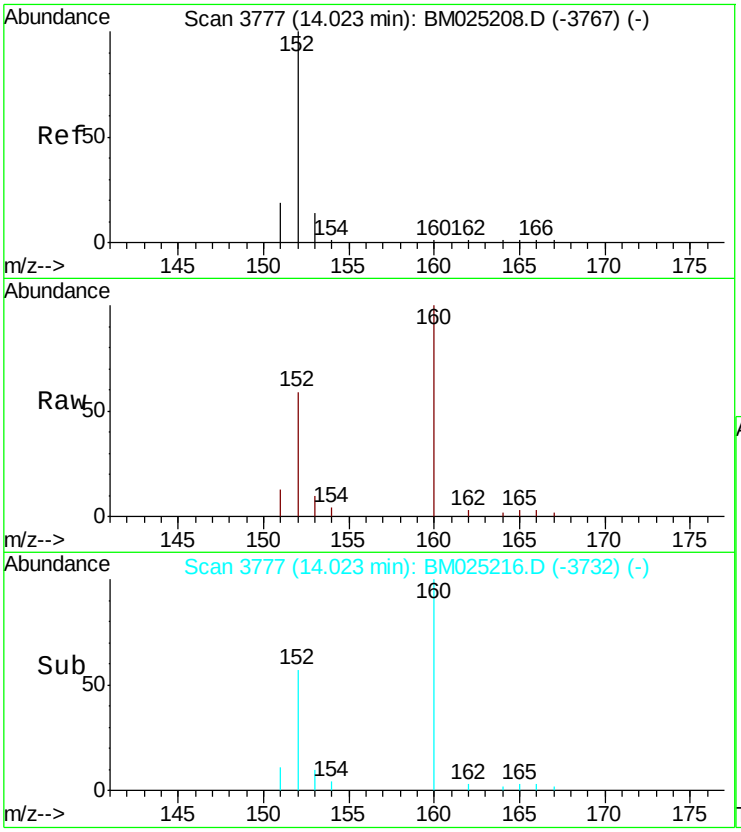


#5
2-Methylnaphthalene
Concen: 0.078 ng/ul
RT: 12.12 min Scan# 3352
Delta R.T. -0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:142 Resp: 2001

Ion	Ratio	Lower	Upper
142	100		
141	88.0	69.8	104.8

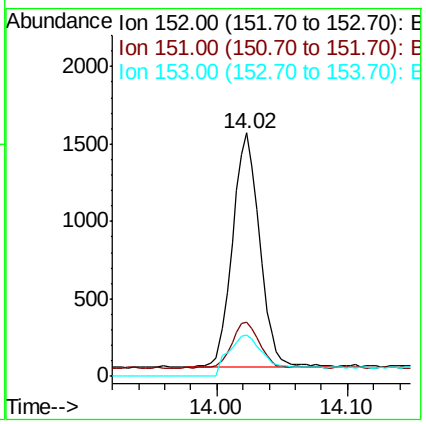




#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 14.02 min Scan# 3777
Delta R.T. -0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:152 Resp: 2275

Ion	Ratio	Lower	Upper
152	100		
151	22.5	17.8	26.8
153	17.2	13.3	19.9



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ClientSampleId :
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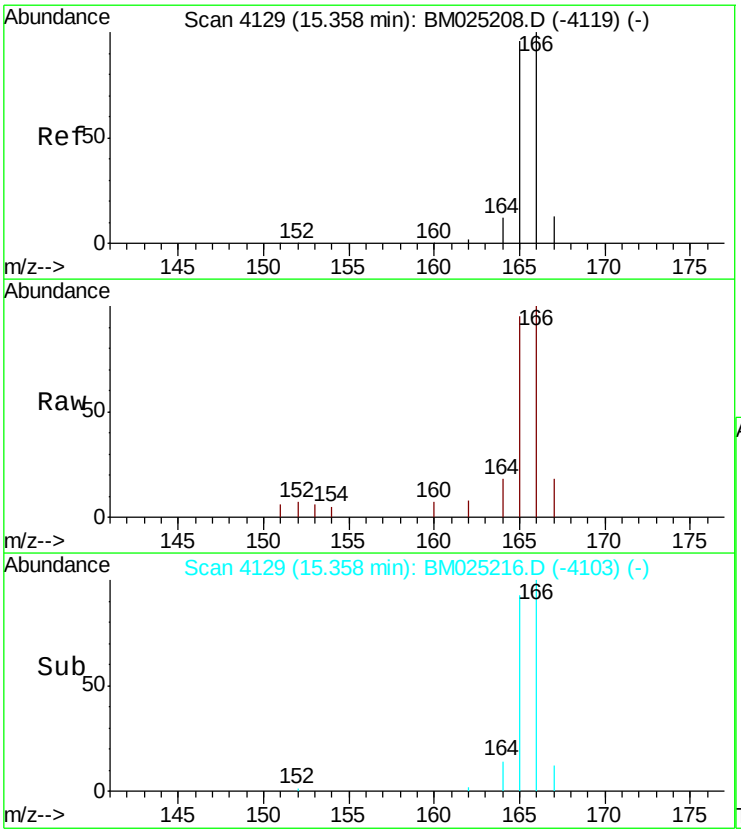
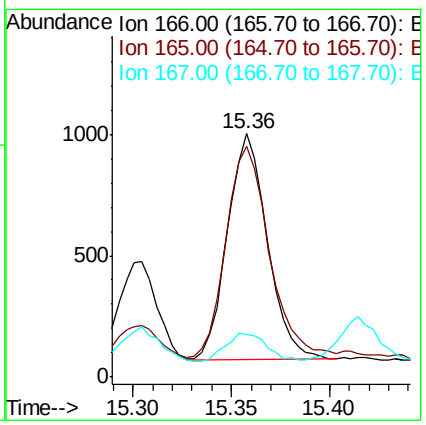
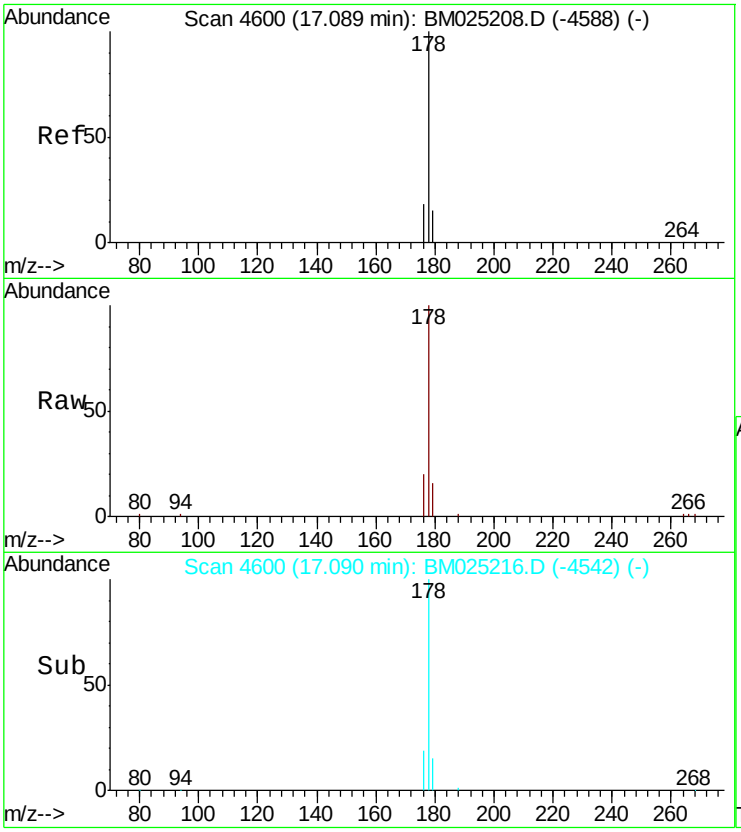


#9
Fluorene
Concen: 0.034 ng/ul
RT: 15.36 min Scan# 4129
Delta R.T. -0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:166 Resp: 1318

Ion	Ratio	Lower	Upper
166	100		
165	94.7	80.0	120.0
167	17.7	13.7	20.5





#12
Phenanthrene
Concen: 0.144 ng/ul
RT: 17.09 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:178 Resp: 9379

Ion	Ratio	Lower	Upper
178	100		
179	16.4	14.0	21.0
176	19.5	16.6	24.8

Instrument :
BNA_M
ClientSampleId :
DBD08

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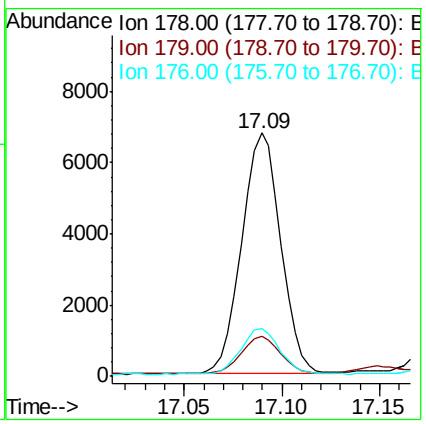
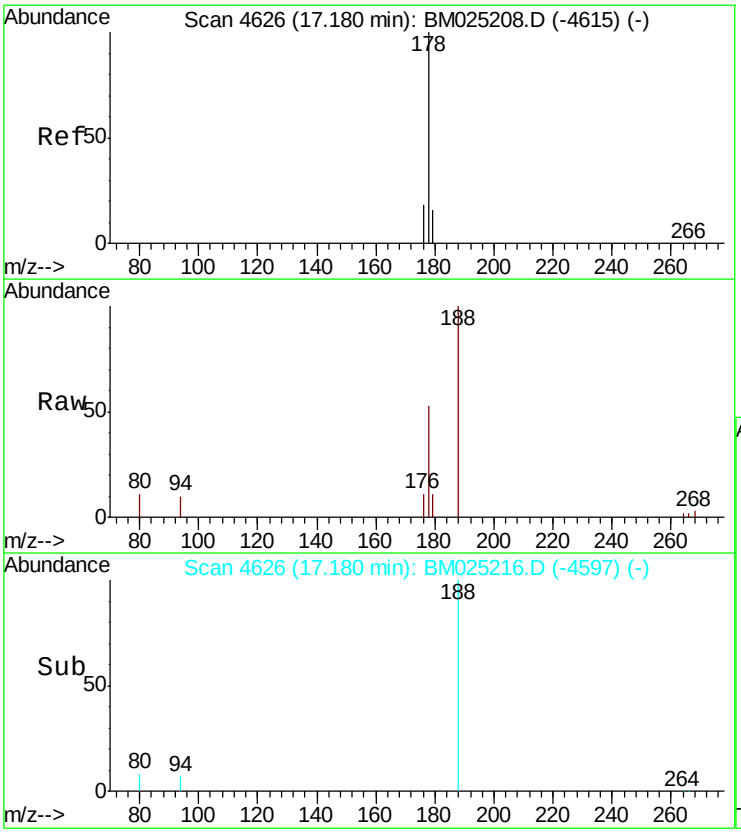
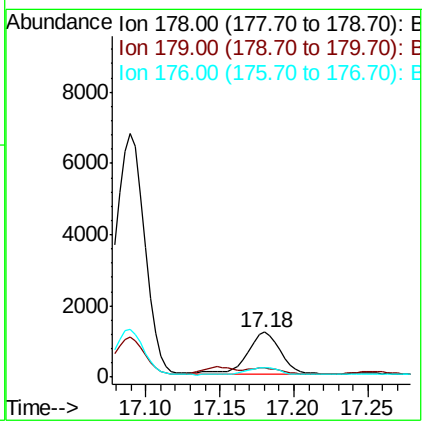


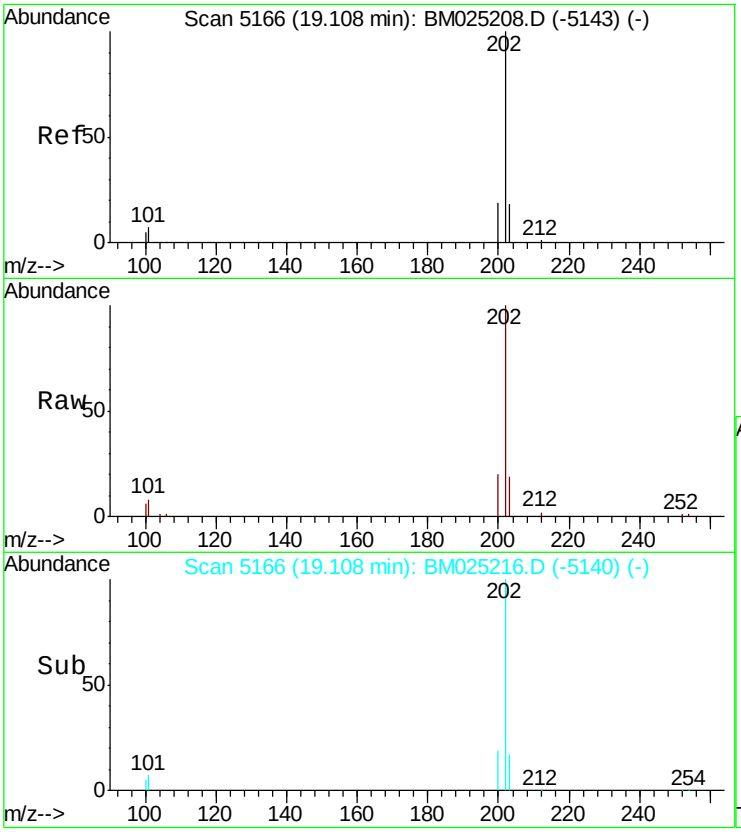


#13
Anthracene
Concen: 0.030 ng/ul
RT: 17.18 min Scan# 4626
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:178 Resp: 1742

Ion	Ratio	Lower	Upper
178	100		
179	21.4	14.1	21.1#
176	21.4	16.2	24.4





#15
Fluoranthene
Concen: 0.110 ng/ul
RT: 19.11 min Scan# 5166
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:202 Resp: 8995

Ion	Ratio	Lower	Upper
202	100		
101	7.8	0.0	29.4
100	6.3	0.0	28.0

Instrument :
BNA_M
ClientSampleId :
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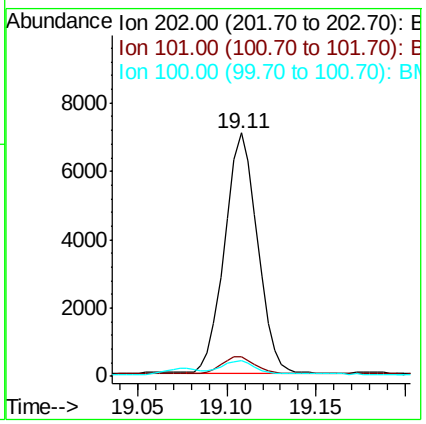
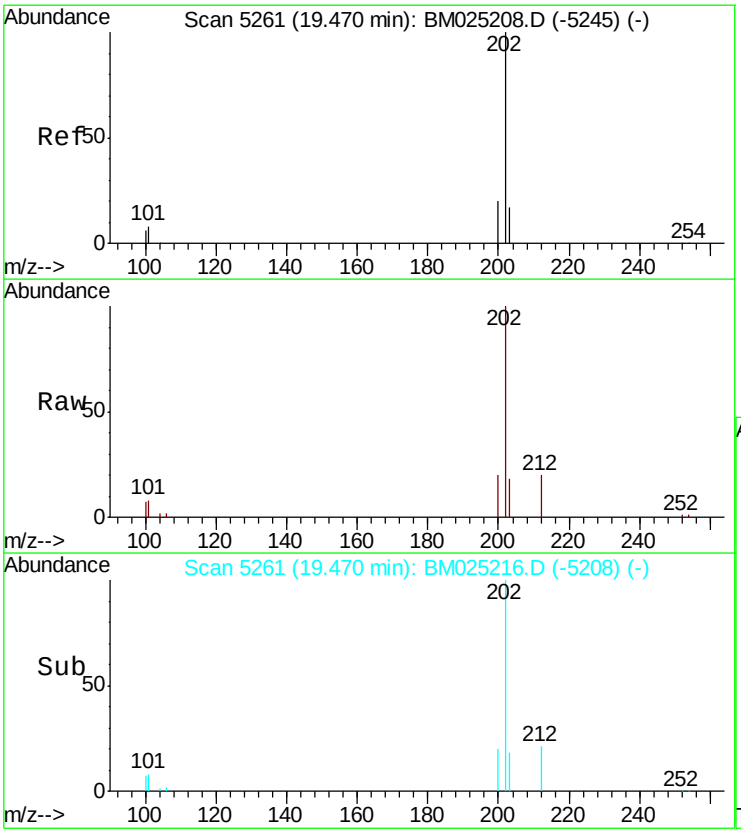
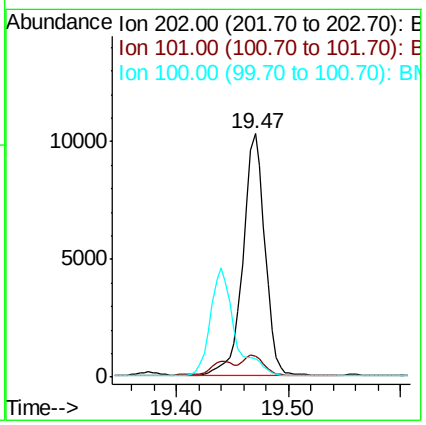


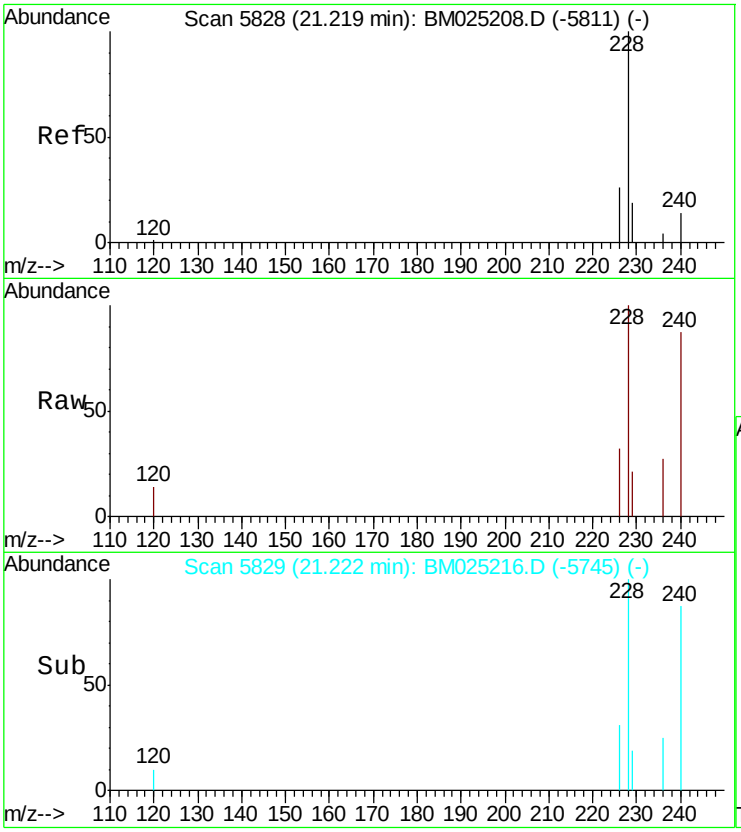


#17
Pyrene
Concen: 0.187 ng/ul
RT: 19.47 min Scan# 5261
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:202 Resp: 13952

Ion	Ratio	Lower	Upper
202	100		
101	8.4	8.7	13.1#
100	7.4	7.3	10.9

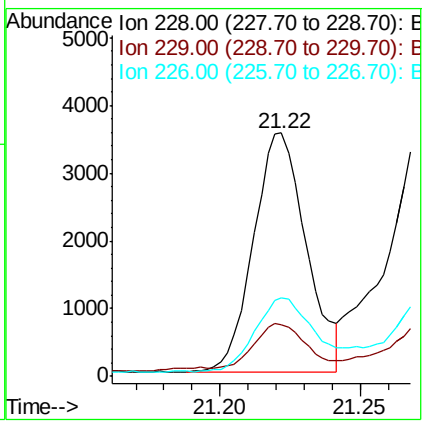




#18
Benzo(a)anthracene
Concen: 0.064 ng/ul
RT: 21.22 min Scan# 5829
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:228 Resp: 4624

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.6	25.0
226	32.1	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
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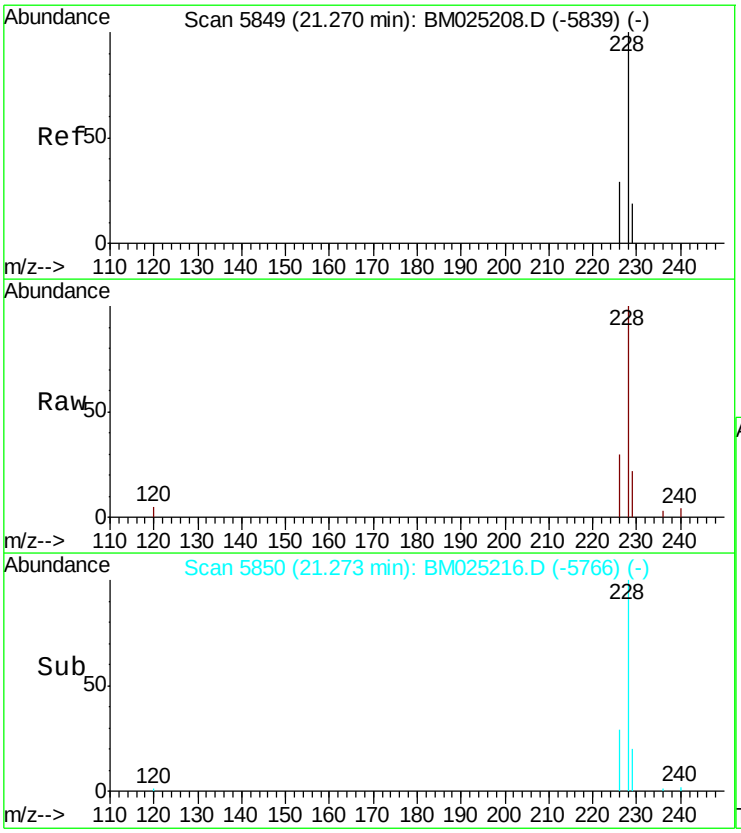
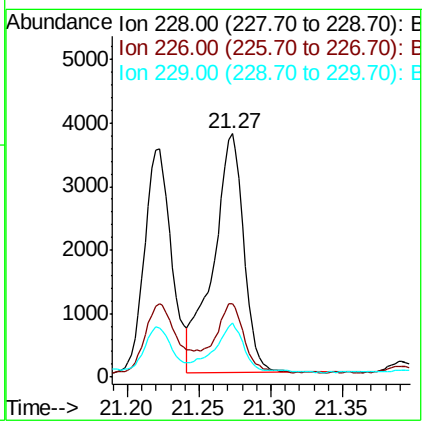
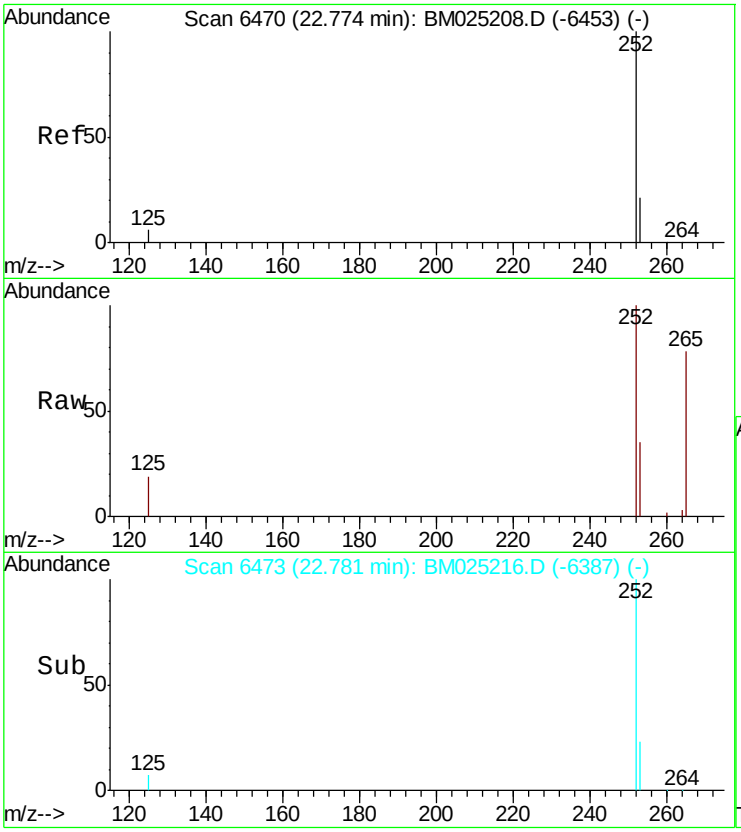


#19
Chrysene
Concen: 0.070 ng/ul
RT: 21.27 min Scan# 5850
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:228 Resp: 5568

Ion	Ratio	Lower	Upper
228	100		
226	30.2	23.8	35.8
229	22.1	16.9	25.3

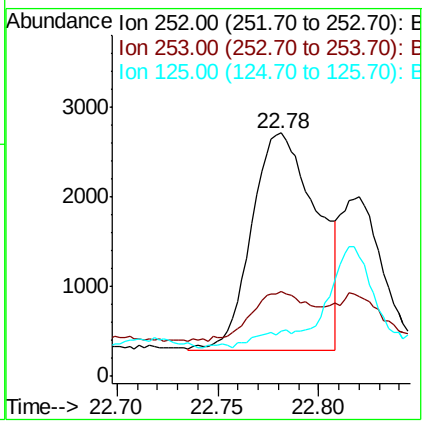




#21
Benzo(b)fluoranthene
Concen: 0.070 ng/ul m
RT: 22.78 min Scan# 6473
Delta R.T. 0.01 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:252 Resp: 5457

Ion	Ratio	Lower	Upper
252	100		
253	34.9	0.0	49.8
125	18.8	0.0	28.6



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ClientSampleId :
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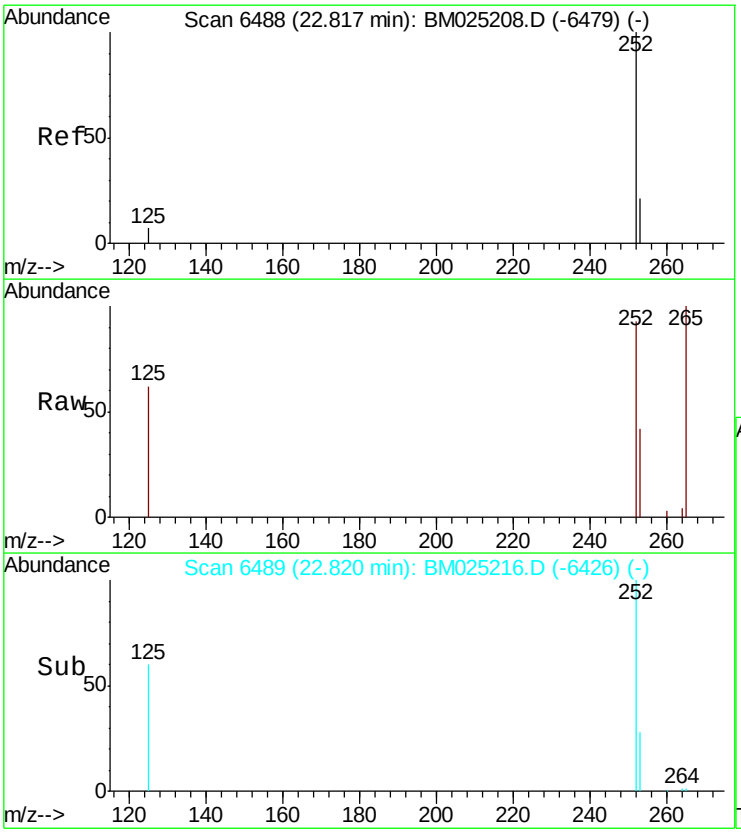
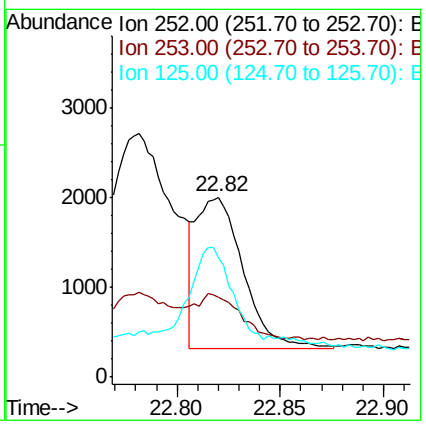
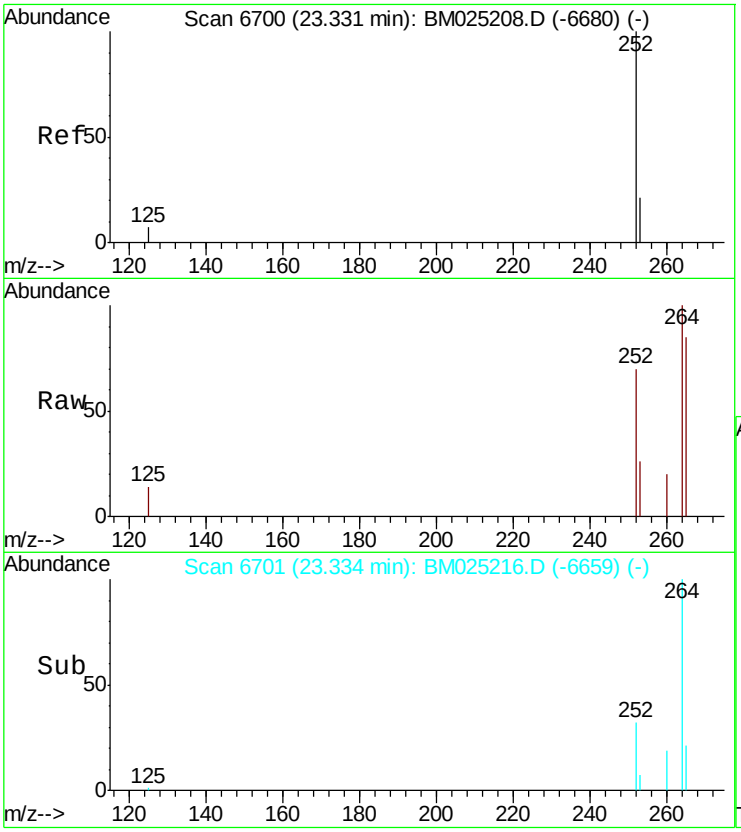


#22
Benzo(k)fluoranthene
Concen: 0.033 ng/ul m
RT: 22.82 min Scan# 6489
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:252 Resp: 2686

Ion	Ratio	Lower	Upper
252	100		
253	44.7	19.4	29.0#
125	66.7	10.7	16.1#





#23
Benzo(a)pyrene
Concen: 0.058 ng/ul
RT: 23.33 min Scan# 6701
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Instrument :
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ClientSampleId :
DBD08

Manual Integrations APPROVED
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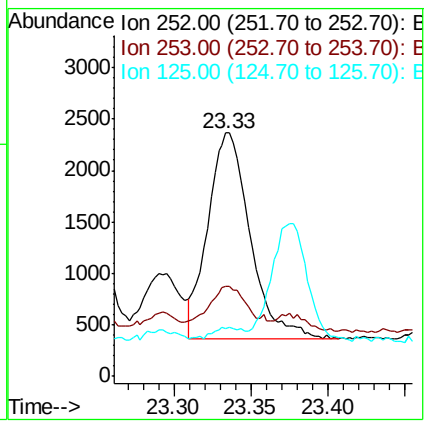
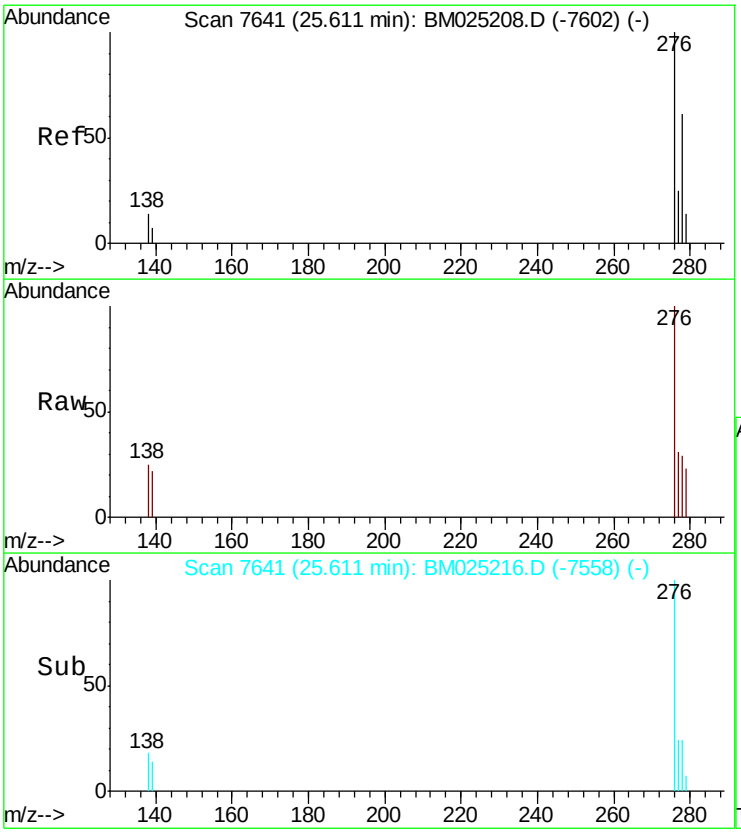
Tgt Ion:252 Resp: 3833

Ion	Ratio	Lower	Upper
252	100		
253	36.8	20.3	30.5#
125	19.6	13.0	19.4#

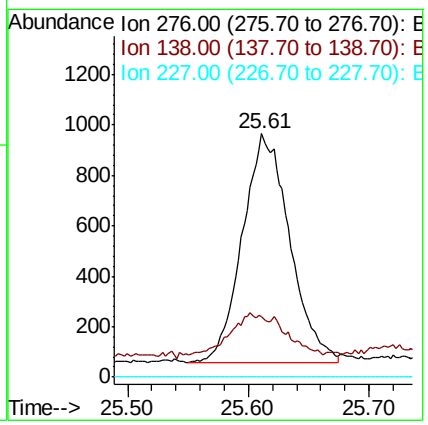


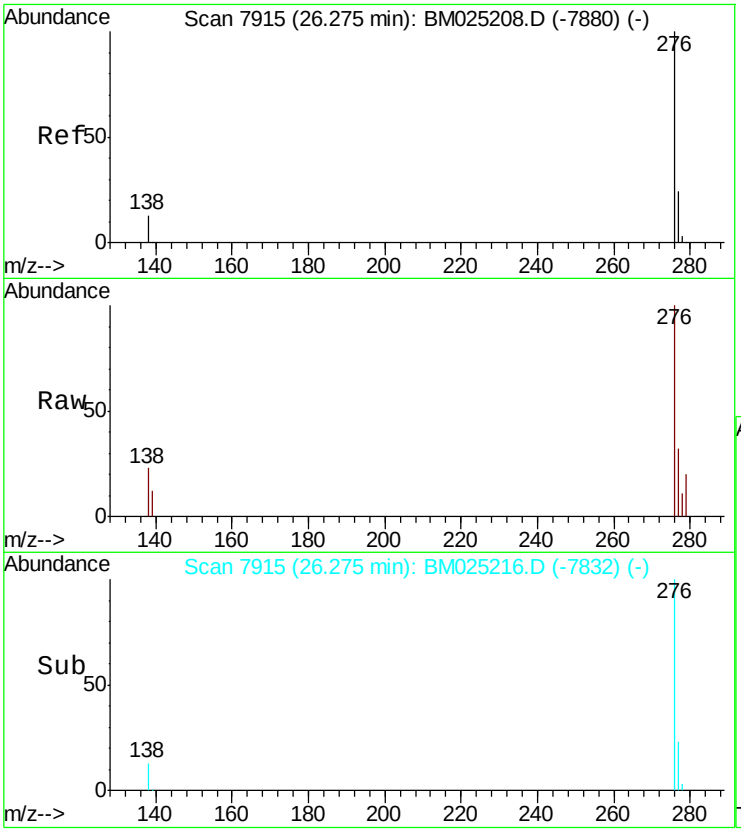


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.030 ng/ul
RT: 25.61 min Scan# 7641
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:276 Resp: 2455

Ion	Ratio	Lower	Upper
276	100		
138	23.0	0.0	0.0#
227	0.0	0.0	0.0

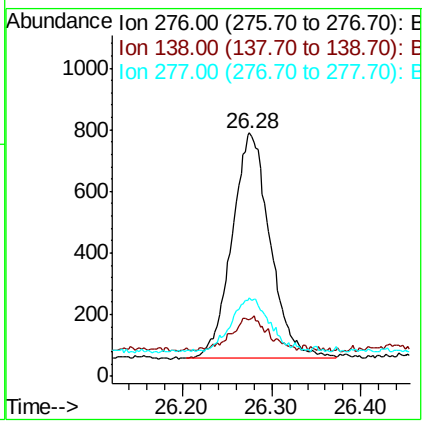




#26
Benzo(g,h,i)perylene
Concen: 0.031 ng/ul
RT: 26.28 min Scan# 7915
Delta R.T. 0.00 min
Lab File: BM025216.D
Acq: 03 Mar 2020 17:34

Tgt Ion:276 Resp: 2178

Ion	Ratio	Lower	Upper
276	100		
138	23.3	17.9	26.9
277	32.3	20.5	30.7#



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ClientSampleId :
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