Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025100.D
Acq On : 27 Feb 2020 04:53
Operator : CG/JU
Sample : L1506-20
Misc :
ALS Vial : 64 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
DBCZ8

Manual Integrations APPROVED
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2/27/2020 5:01:43 PM

Quant Time: Feb 27 06:48:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	3048	0.40	ng/ul	0.00
2) Naphthalene-d8	10.46	136	11667	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.32	164	7671	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	17243m	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	18076	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	21039	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	7197	0.33	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	19527	0.33	ng/ul	0.00
Target Compounds						Qvalue
8) Acenaphthene	14.38	153	894	0.030	ng/ul	97
9) Fluorene	15.37	166	1026	0.028	ng/ul	99
12) Phenanthrene	17.10	178	1629m	0.027	ng/ul	
13) Anthracene	17.19	178	3214	0.055	ng/ul	97
15) Fluoranthene	19.12	202	7966	0.090	ng/ul	97
17) Pyrene	19.48	202	10913m	0.134	ng/ul	
18) Benzo(a)anthracene	21.23	228	4804	0.062	ng/ul	93
19) Chrysene	21.26	228	7987	0.103	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	19628m	0.238	ng/ul	
22) Benzo(k)fluoranthene	22.82	252	8652m	0.106	ng/ul	
23) Benzo(a)pyrene	23.35	252	6551	0.087	ng/ul#	71
24) Indeno(1,2,3-cd)pyrene	25.63	276	7597	0.081	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.63	278	2048	0.026	ng/ul#	15
26) Benzo(g,h,i)perylene	26.29	276	5615	0.071	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025100.D
Acq On : 27 Feb 2020 04:53
Operator : CG/JU
Sample : L1506-20
Misc :
ALS Vial : 64 Sample Multiplier: 1

Quant Time: Feb 27 06:48:29 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM022420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 27 05:28:30 2020
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
DBCZ8

Manual Integrations APPROVED
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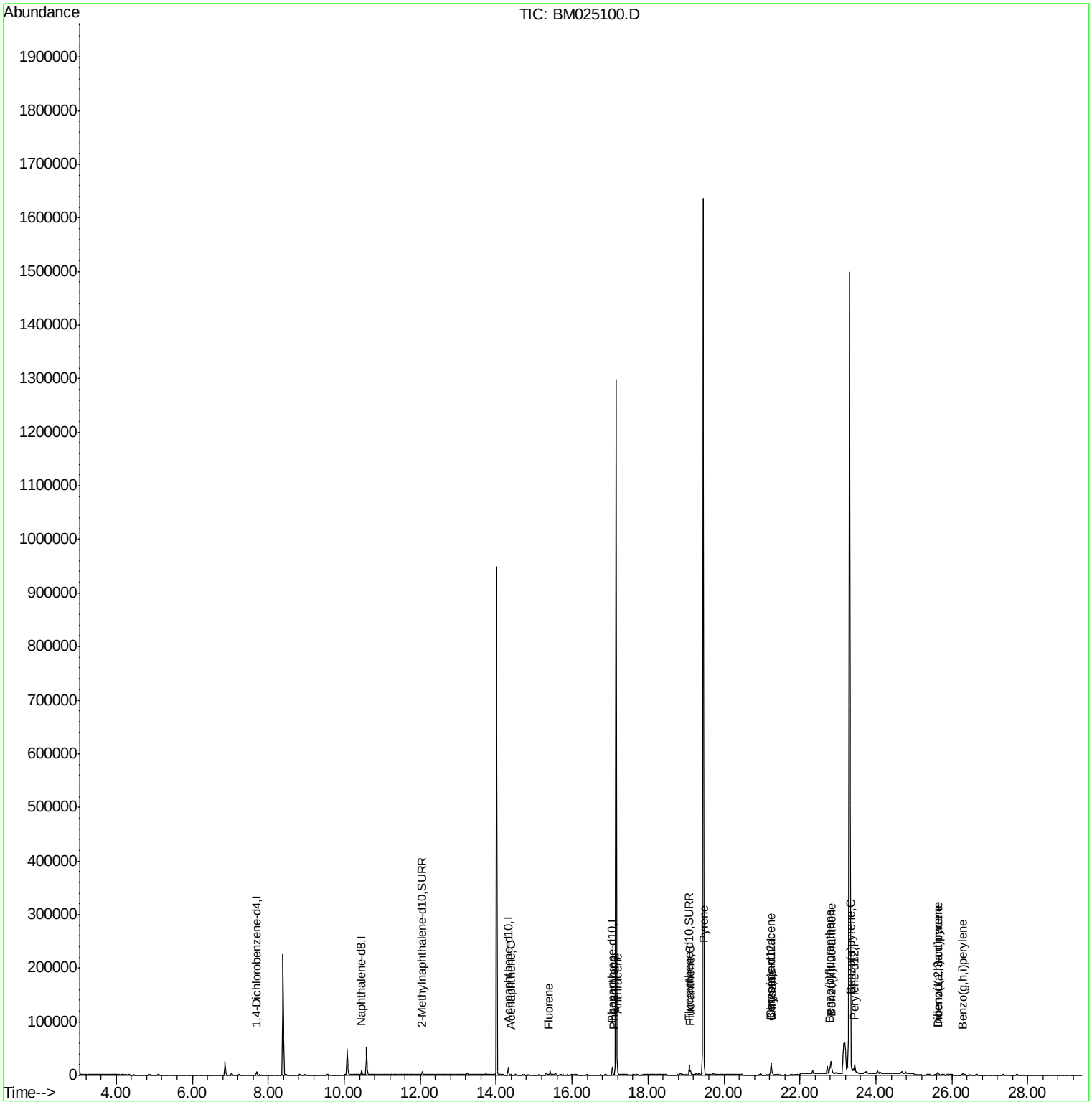
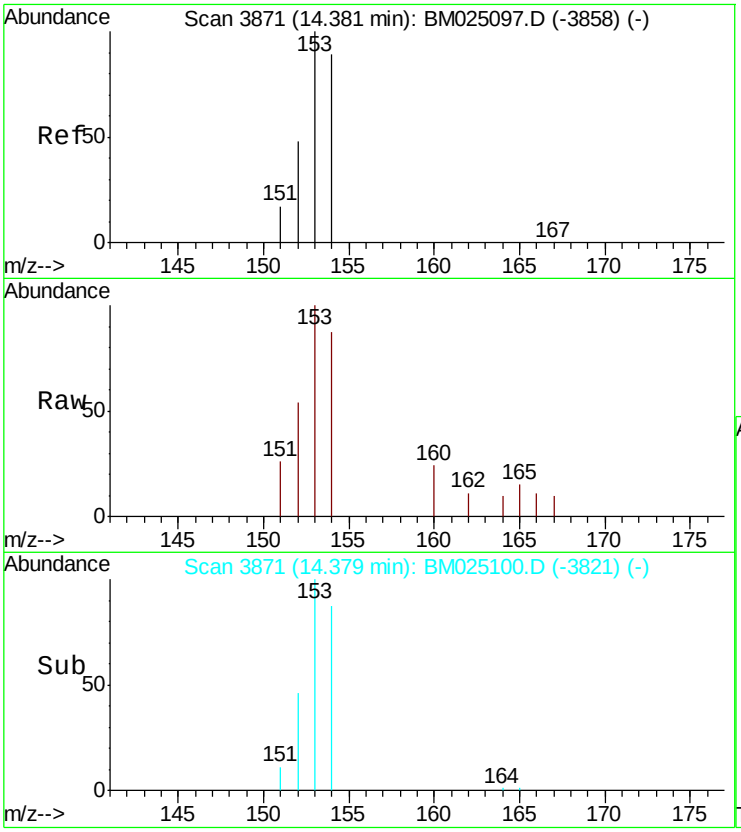
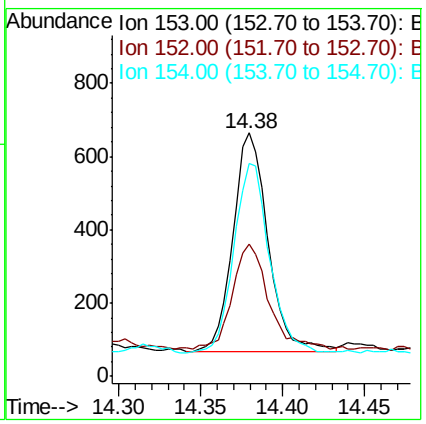




#8
Acenaphthene
Concen: 0.030 ng/ul
RT: 14.38 min Scan# 3871
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:153 Resp: 894

Ion	Ratio	Lower	Upper
153	100		
152	54.1	40.0	60.0
154	87.4	71.0	106.6



Instrument :
BNA_M
ClientSampleId :
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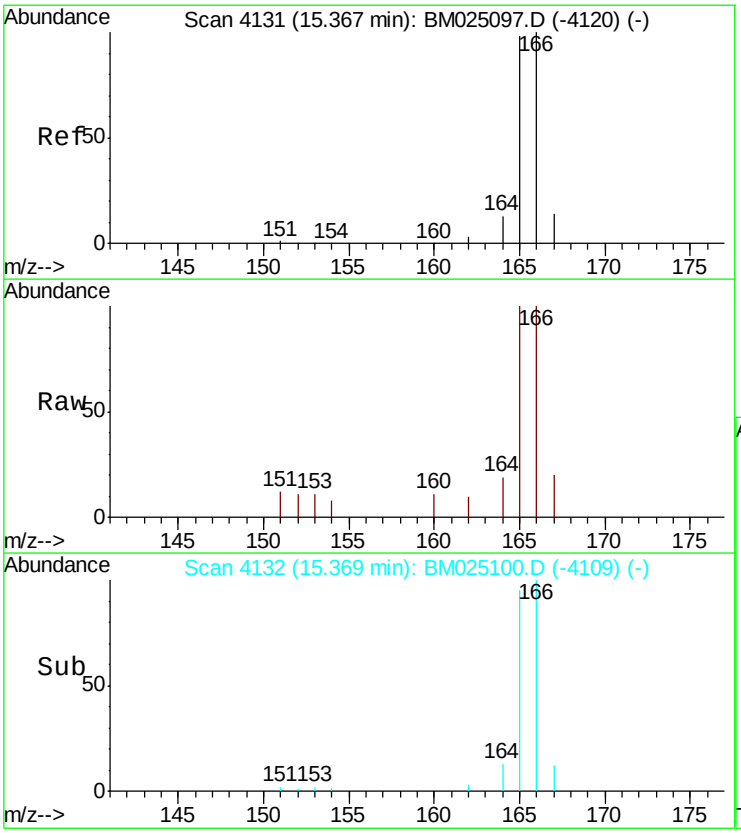
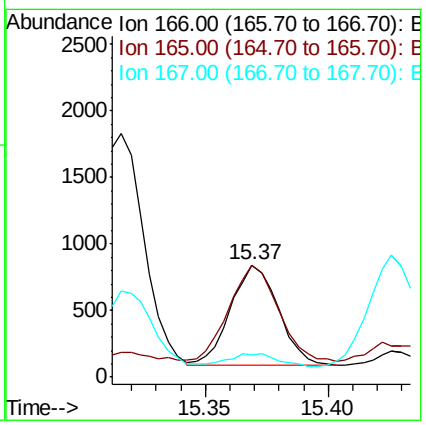
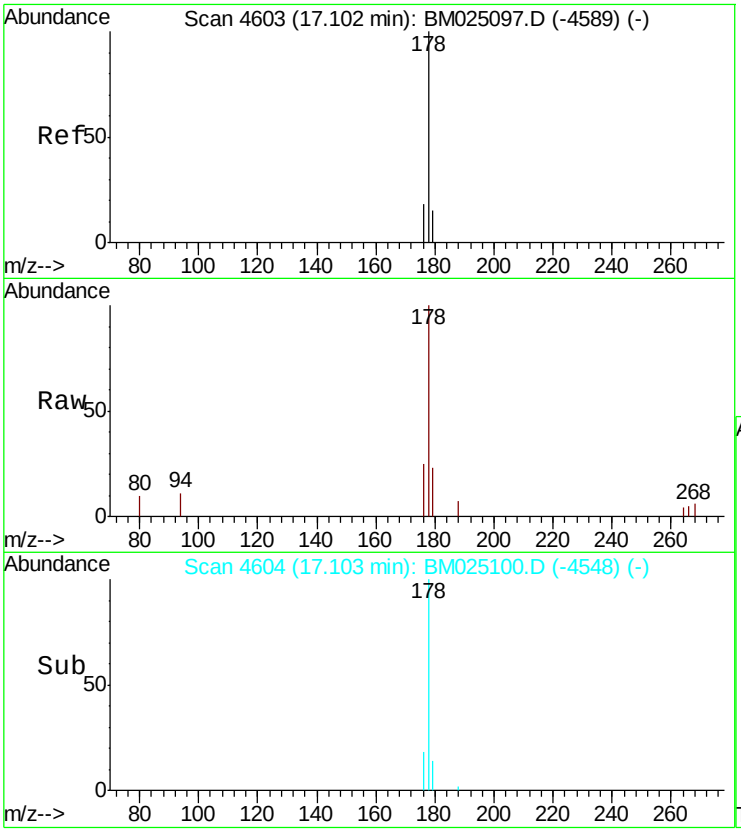


#9
Fluorene
Concen: 0.028 ng/ul
RT: 15.37 min Scan# 4132
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:166 Resp: 1026

Ion	Ratio	Lower	Upper
166	100		
165	99.8	80.0	120.0
167	20.1	13.7	20.5





#12
Phenanthrene
Concen: 0.027 ng/ul m
RT: 17.10 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:178 Resp: 1629

Ion	Ratio	Lower	Upper
178	100		
179	22.9	14.0	21.0#
176	24.5	16.6	24.8

Instrument :
BNA_M
ClientSampleId :
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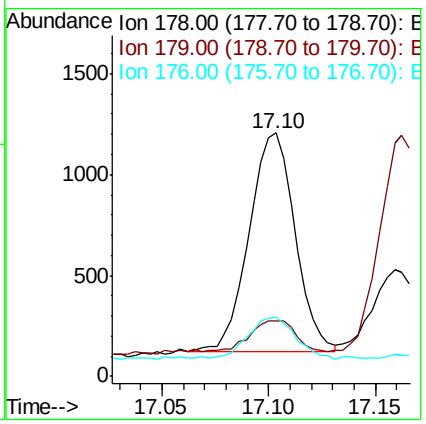
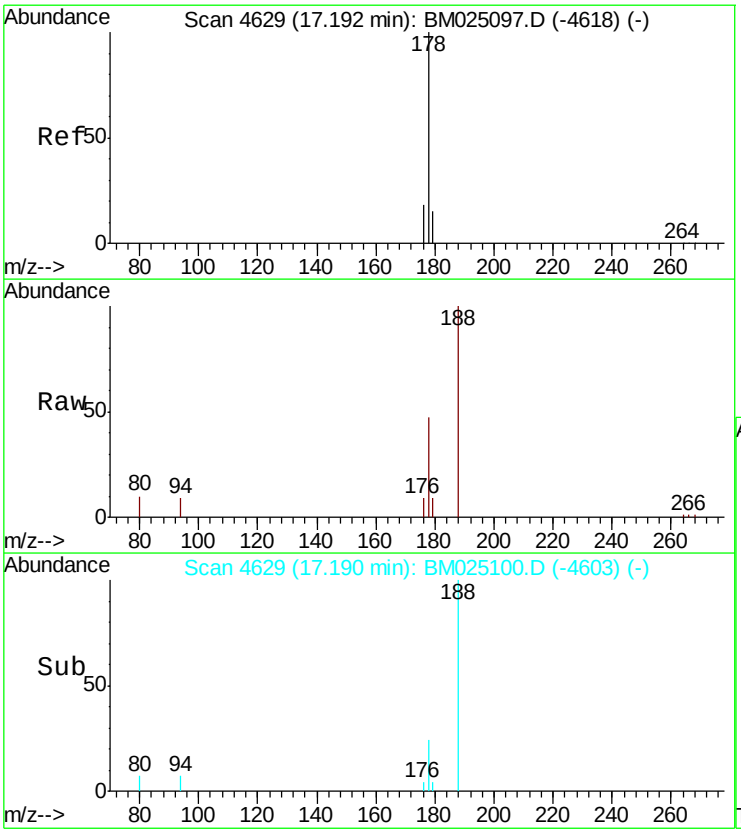
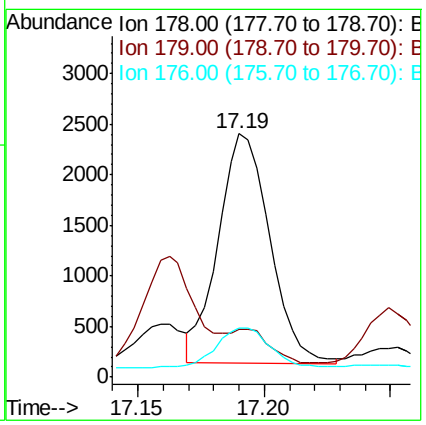


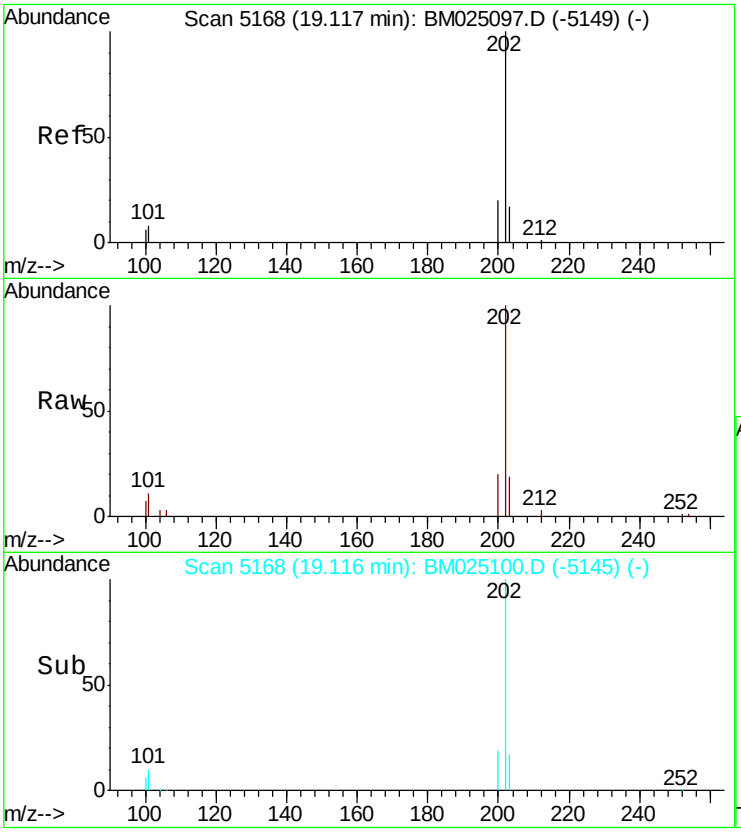


#13
Anthracene
Concen: 0.055 ng/ul
RT: 17.19 min Scan# 4629
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:178 Resp: 3214

Ion	Ratio	Lower	Upper
178	100		
179	19.8	14.1	21.1
176	20.0	16.2	24.4

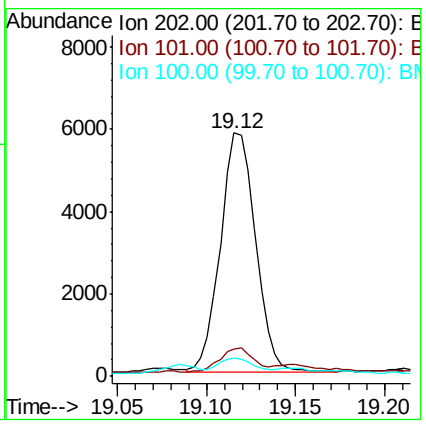




#15
Fluoranthene
Concen: 0.090 ng/ul
RT: 19.12 min Scan# 5168
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:202 Resp: 7966

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.4
100	7.5	0.0	28.0



Instrument :
BNA_M
ClientSampleId :
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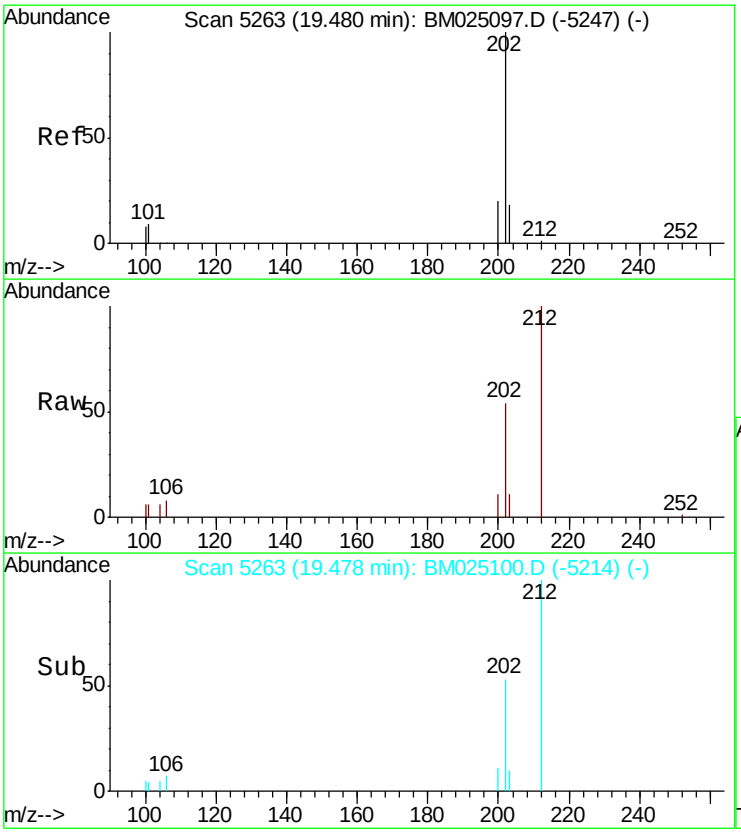
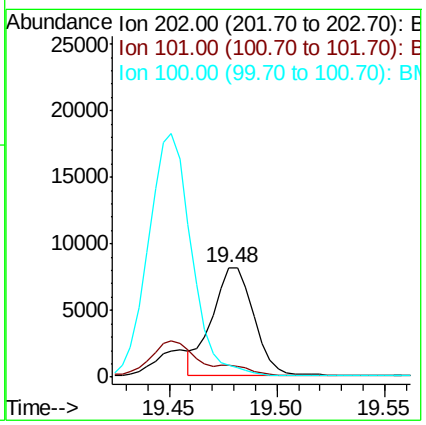
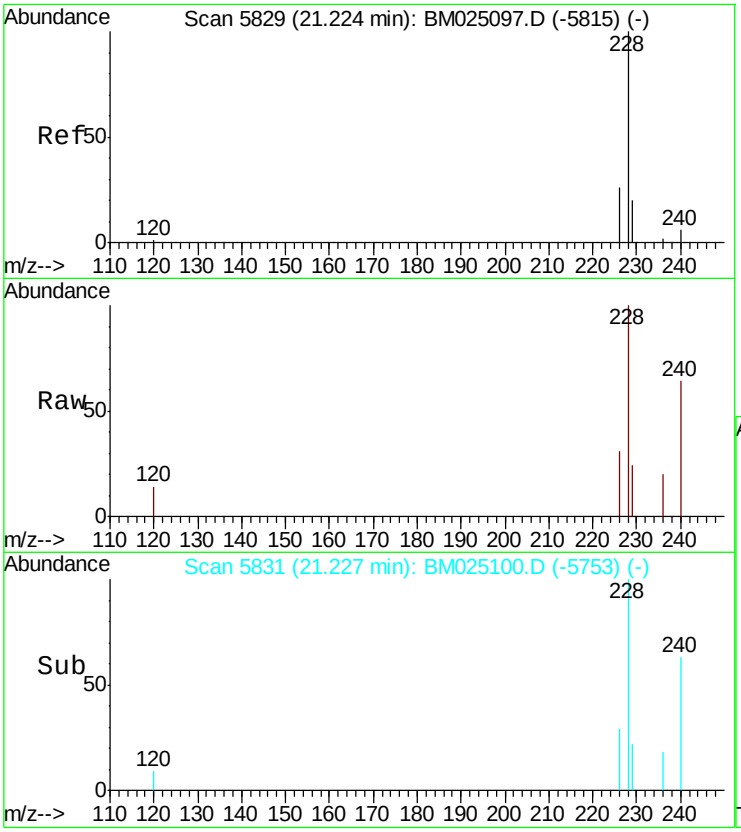


#17
Pyrene
Concen: 0.134 ng/ul m
RT: 19.48 min Scan# 5263
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:202 Resp: 10913

Ion	Ratio	Lower	Upper
202	100		
101	11.5	8.7	13.1
100	10.9	7.3	10.9

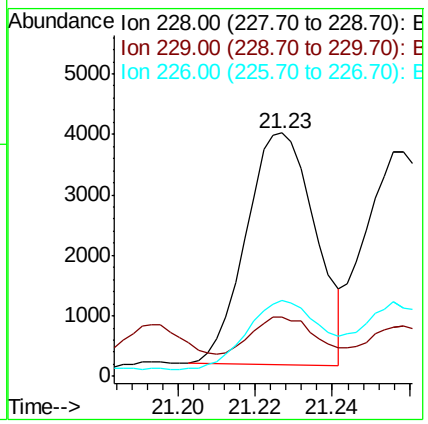




#18
Benzo(a)anthracene
Concen: 0.062 ng/ul
RT: 21.23 min Scan# 5831
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:228 Resp: 4804

Ion	Ratio	Lower	Upper
228	100		
229	24.4	16.6	25.0
226	31.0	21.9	32.9



Instrument :
BNA_M
ClientSampleId :
DBCZ8

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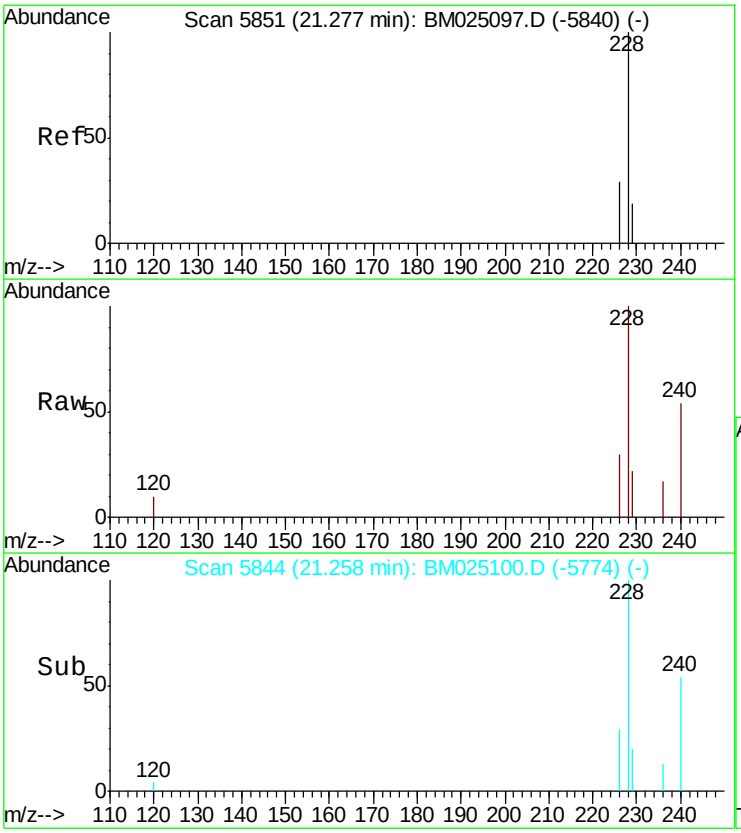
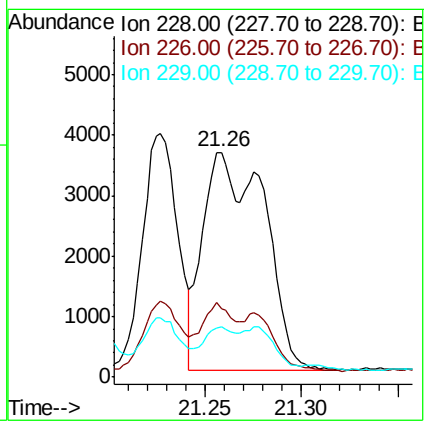
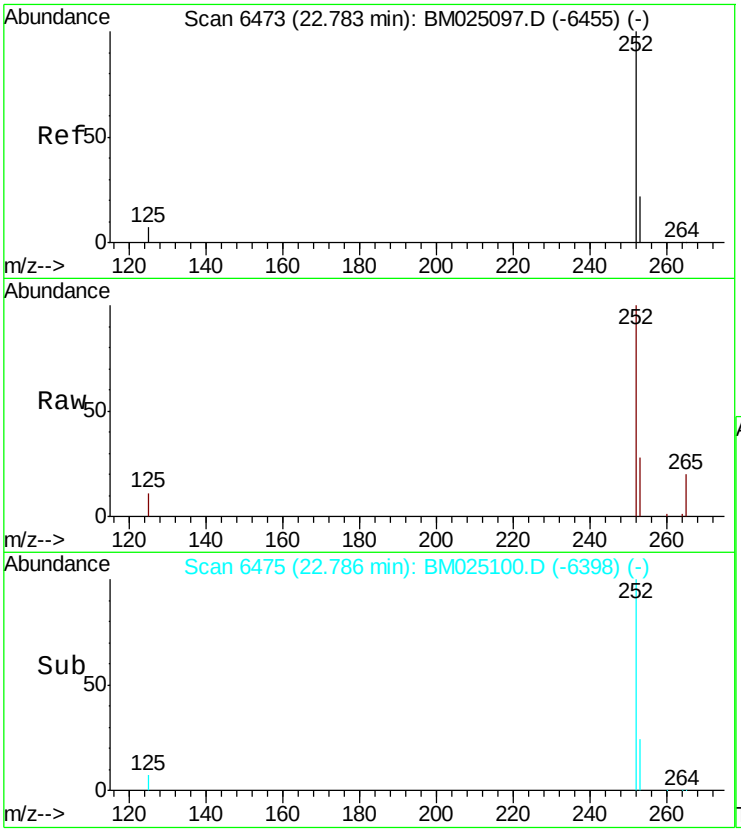


#19
Chrysene
Concen: 0.103 ng/ul
RT: 21.26 min Scan# 5844
Delta R.T. -0.03 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:228 Resp: 7987

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.8
229	22.3	16.9	25.3

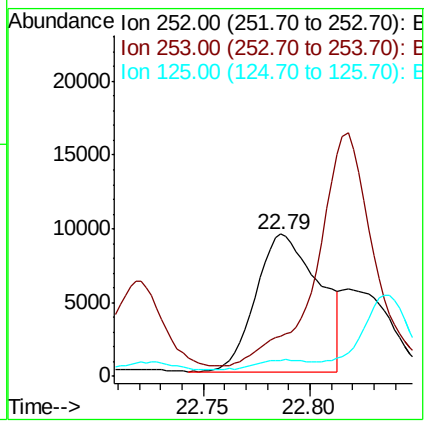




#21
Benzo(b)fluoranthene
Concen: 0.238 ng/ul m
RT: 22.79 min Scan# 6475
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:252 Resp: 19628

Ion	Ratio	Lower	Upper
252	100		
253	28.1	0.0	49.8
125	11.0	0.0	28.6



Instrument :
BNA_M
ClientSampleId :
DBCZ8

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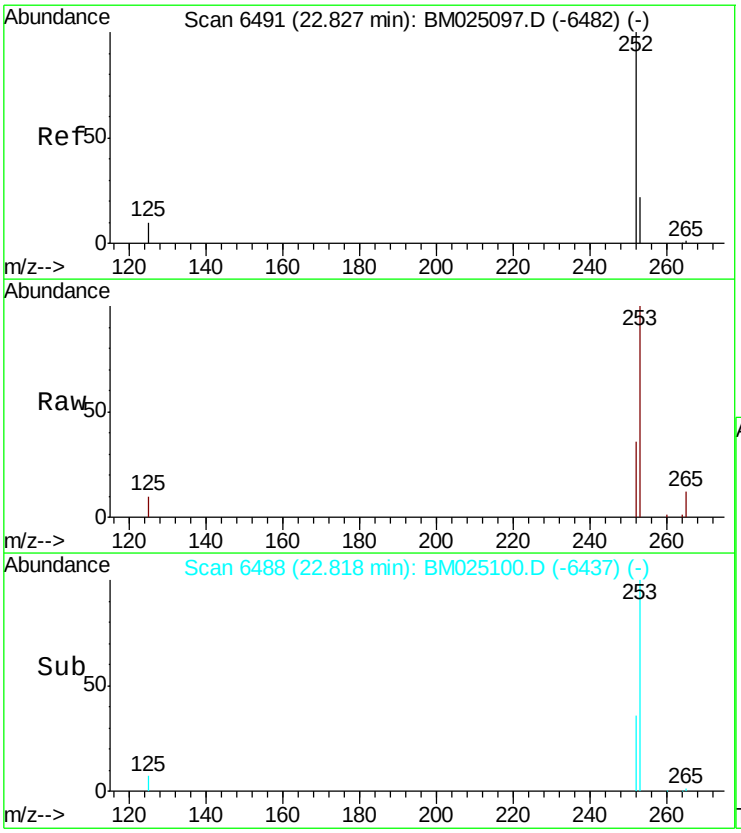
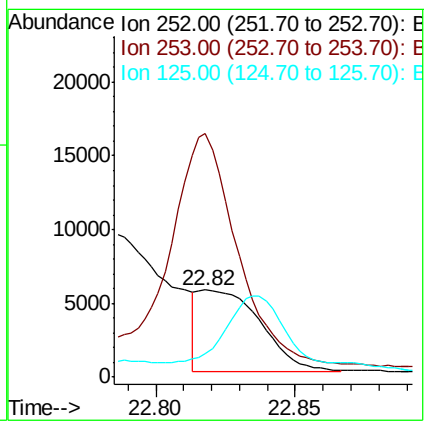
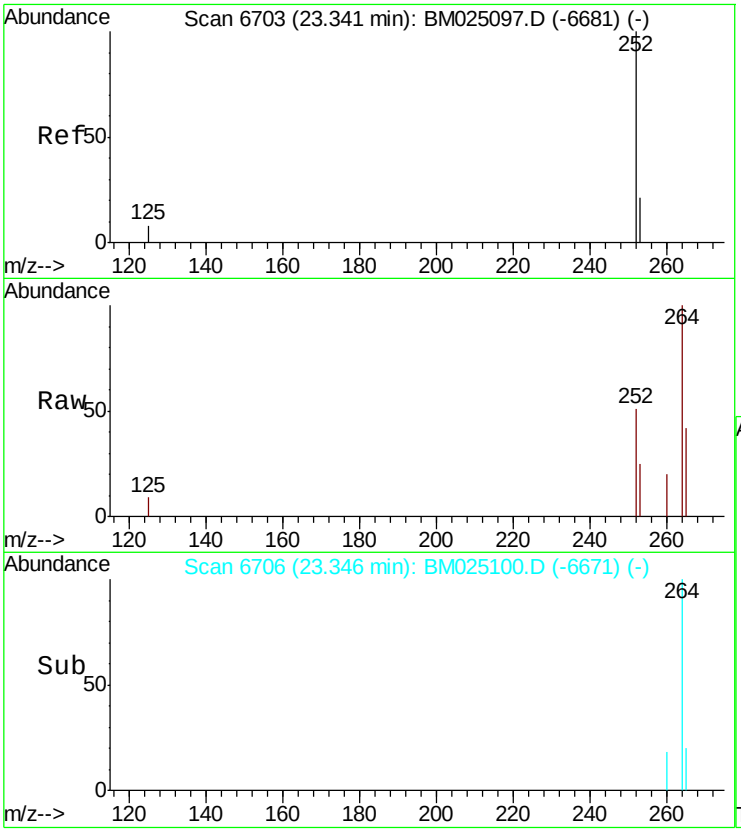


#22
Benzo(k)fluoranthene
Concen: 0.106 ng/ul m
RT: 22.82 min Scan# 6488
Delta R.T. -0.03 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:252 Resp: 8652

Ion	Ratio	Lower	Upper
252	100		
253	279.3	19.4	29.0#
125	27.3	10.7	16.1#





#23
Benzo(a)pyrene
Concen: 0.087 ng/ul
RT: 23.35 min Scan# 6706
Delta R.T. -0.01 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:252 Resp: 6551

Ion	Ratio	Lower	Upper
252	100		
253	49.0	20.3	30.5#
125	16.6	13.0	19.4

Instrument :
BNA_M
ClientSampleId :
DBCZ8

Manual Integrations APPROVED
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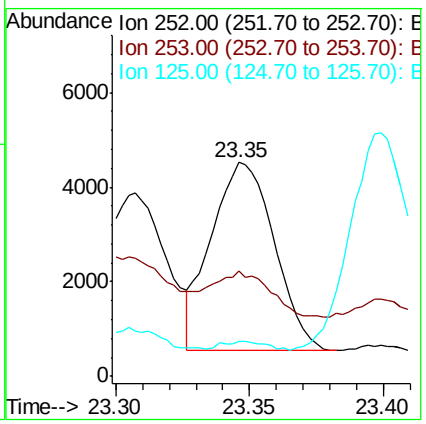
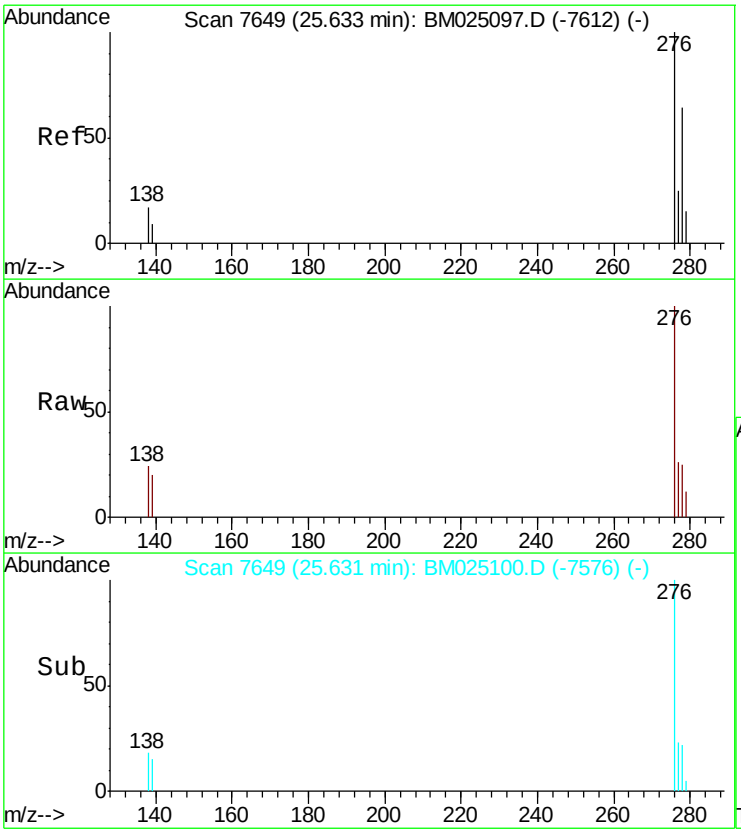
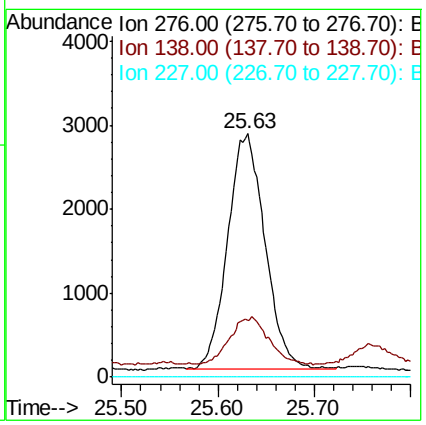


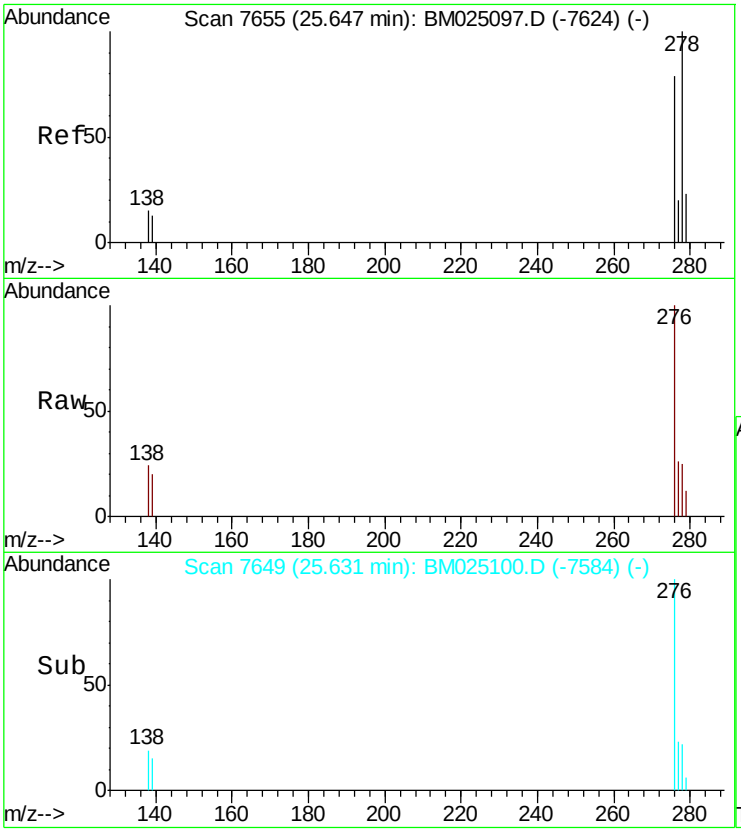


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.081 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.02 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:276 Resp: 7597

Ion	Ratio	Lower	Upper
276	100		
138	22.0	0.0	0.0#
227	0.0	0.0	0.0





#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.63 min Scan# 7649
Delta R.T. -0.04 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:278 Resp: 2048

Ion	Ratio	Lower	Upper
278	100		
139	81.1	13.2	19.8#
279	48.5	21.0	31.4#

Instrument :
BNA_M
ClientSampleId :
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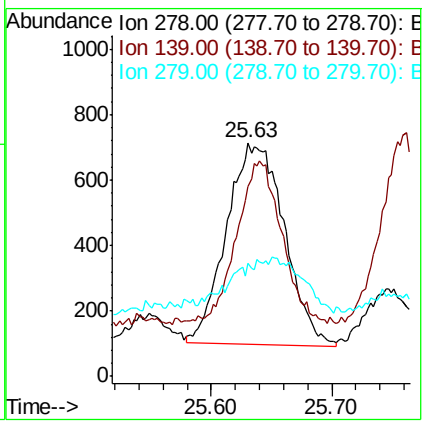

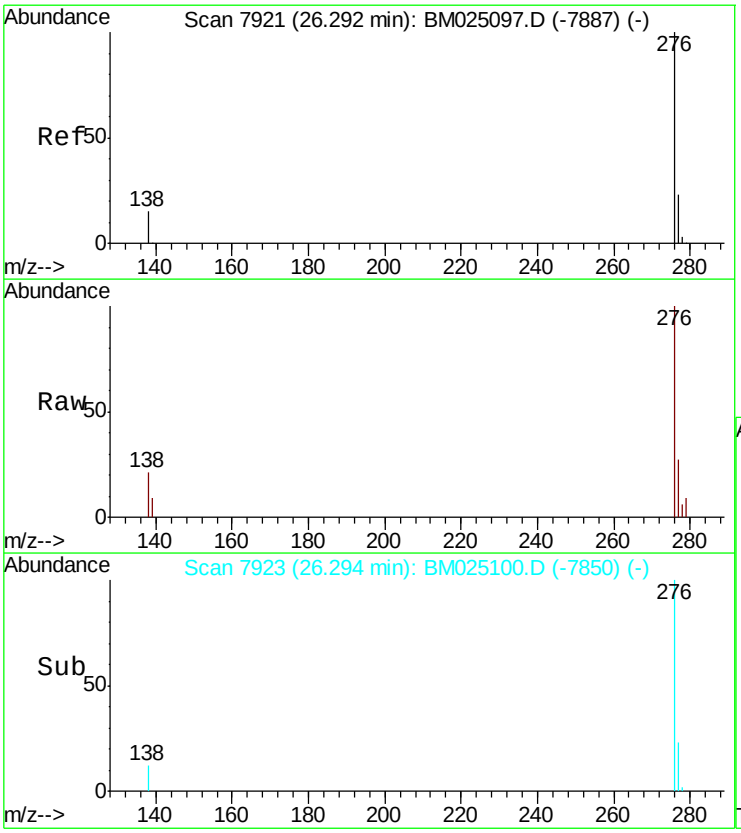

#26
Benzo(g,h,i)perylene
Concen: 0.071 ng/ul
RT: 26.29 min Scan# 7923
Delta R.T. -0.02 min
Lab File: BM025100.D
Acq: 27 Feb 2020 04:53

Tgt Ion:276 Resp: 5615

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.9	26.9
277	27.5	20.5	30.7