Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
Data File : BM025077.D
Acq On : 26 Feb 2020 13:15
Operator : CG/JU
Sample : L1541-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : DBCX7

Quant Time: Feb 26 13:49:26 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 : Tue Feb 25 11:03:43 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	2137	0.40	ng/ul	0.00
2) Naphthalene-d8	10.47	136	7957	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.32	164	4869	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.06	188	11337	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	11916	0.40	ng/ul	0.00
20) Perylene-d12	23.45	264	13228	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.06	152	5372	0.36	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	14884	0.38	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.52	128	7877	0.325	ng/ul#	84
5) 2-Methylnaphthalene	12.13	142	9991	0.572	ng/ul	100
7) Acenaphthylene	14.04	152	6759	0.241	ng/ul	96
9) Fluorene	15.37	166	11976	0.506	ng/ul	97
11) Pentachlorophenol	16.72	266	3109	0.898	ng/ul	97
12) Phenanthrene	17.11	178	13532	0.339	ng/ul	97
13) Anthracene	17.20	178	18996	0.492	ng/ul	96
15) Fluoranthene	19.12	202	14675	0.253	ng/ul	97
17) Pyrene	19.48	202	18789	0.350	ng/ul	96
18) Benzo(a)anthracene	21.23	228	24668	0.479	ng/ul	98
19) Chrysene	21.28	228	24430	0.477	ng/ul	98
21) Benzo(b)fluoranthene	22.79	252	39946	0.770	ng/ul	91
22) Benzo(k)fluoranthene	22.84	252	17937	0.349	ng/ul#	97
23) Benzo(a)pyrene	23.35	252	16872	0.356	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.66	278	40809	0.819	ng/ul#	94
26) Benzo(g,h,i)perylene	26.31	276	17646	0.353	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022520\
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Acq On : 26 Feb 2020 13:15
Operator : CG/JU
Sample : L1541-02
Misc :
ALS Vial : 41 Sample Multiplier: 1

Instrument : BNA_M
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Quant Time: Feb 26 13:49:26 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 : Tue Feb 25 11:03:43 2020
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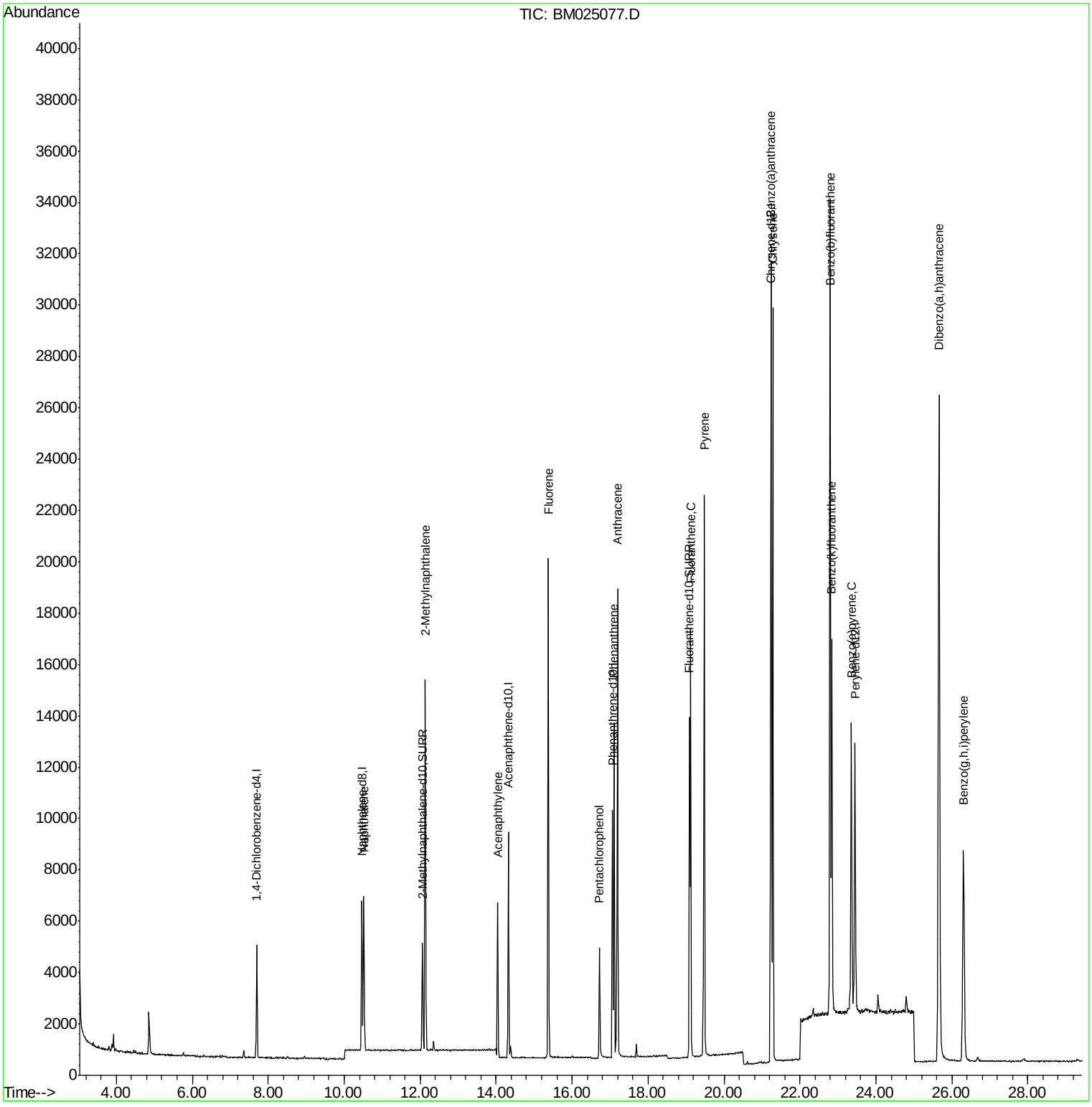
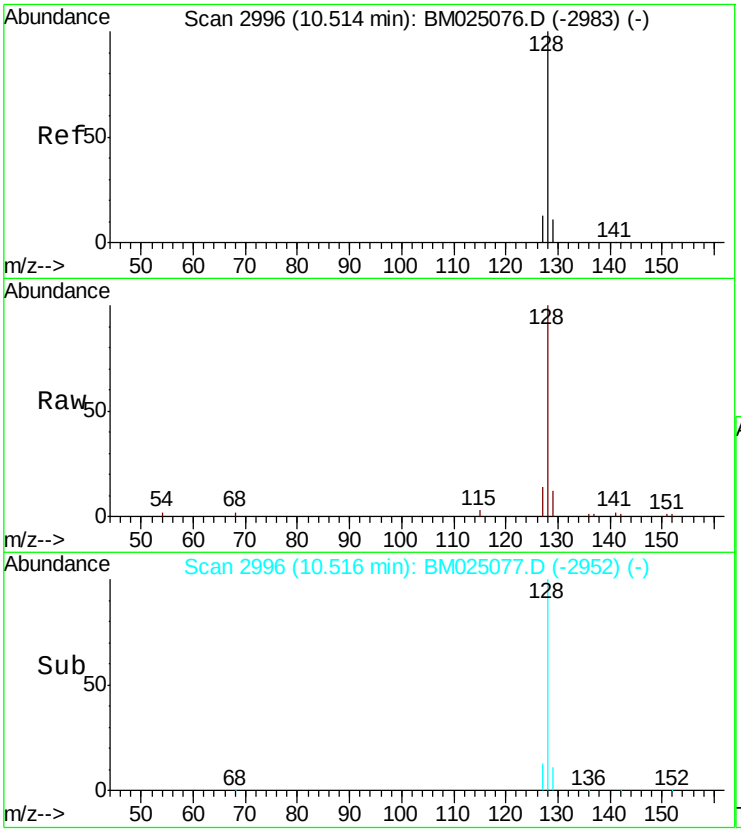


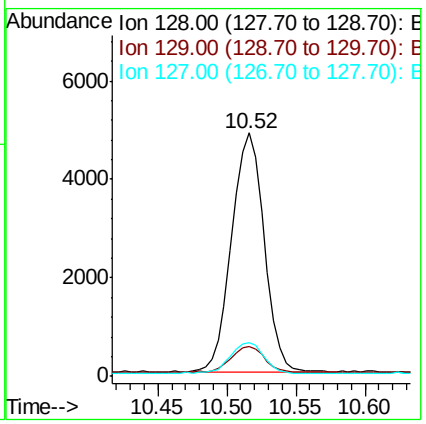


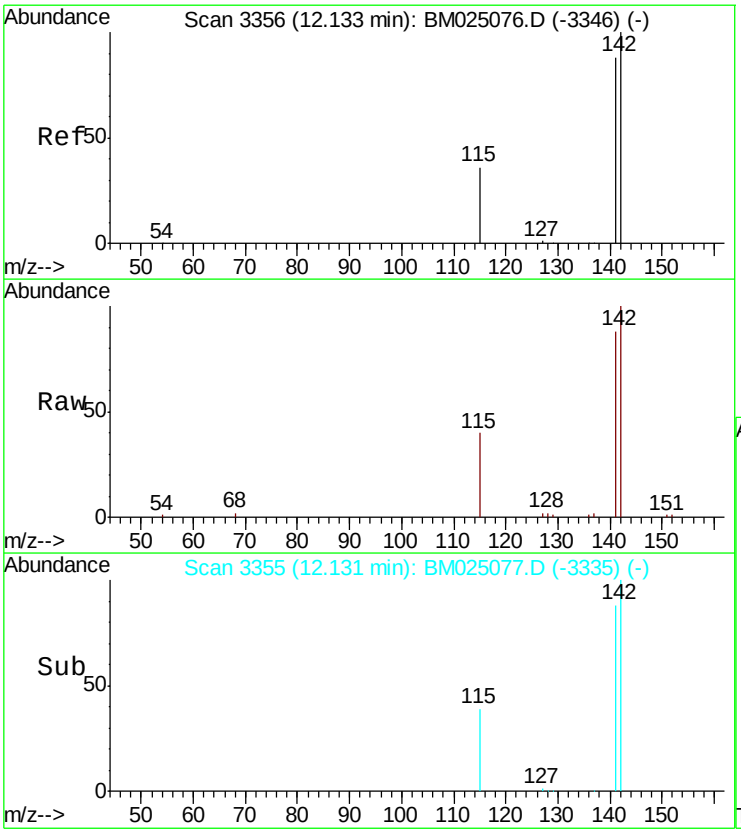
#3
Naphthalene
Concen: 0.325 ng/ul
RT: 10.52 min Scan# 2996
Delta R.T. -0.00 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:128 Resp: 7877

Ion	Ratio	Lower	Upper
128	100		
129	12.4	17.0	25.6#
127	13.6	15.7	23.5#

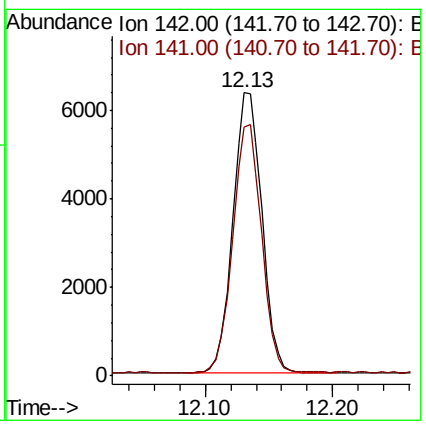


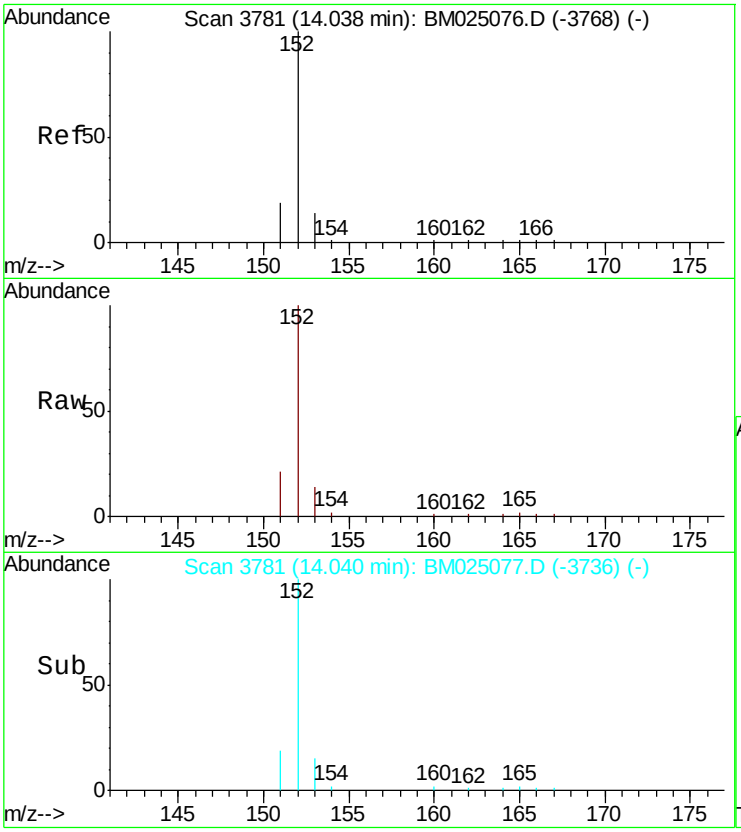


#5
2-Methylnaphthalene
Concen: 0.572 ng/ul
RT: 12.13 min Scan# 3355
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:142 Resp: 9991

Ion	Ratio	Lower	Upper
142	100		
141	87.7	69.8	104.8



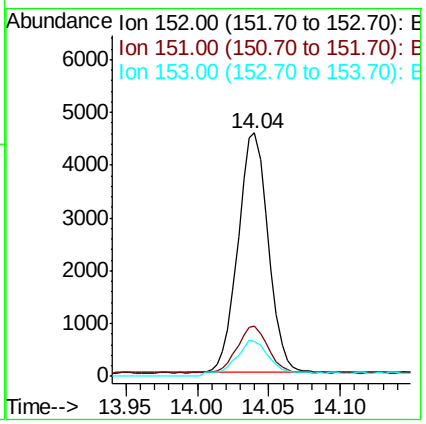


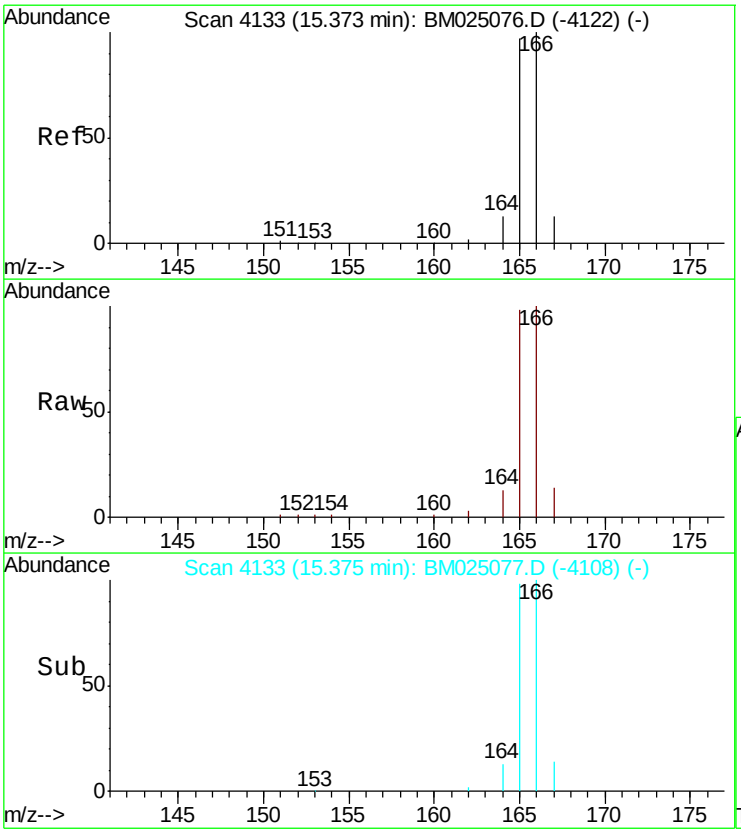
#7
Acenaphthylene
Concen: 0.241 ng/ul
RT: 14.04 min Scan# 3781
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:152 Resp: 6759

Ion	Ratio	Lower	Upper
152	100		
151	20.6	17.8	26.8
153	14.4	13.3	19.9

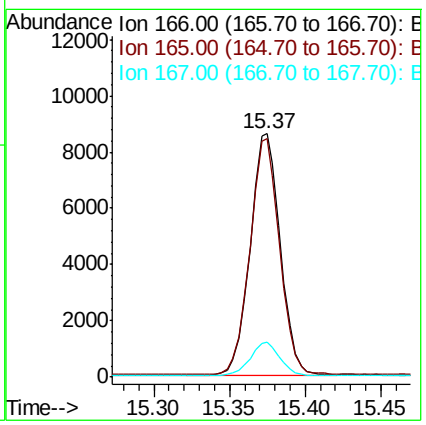


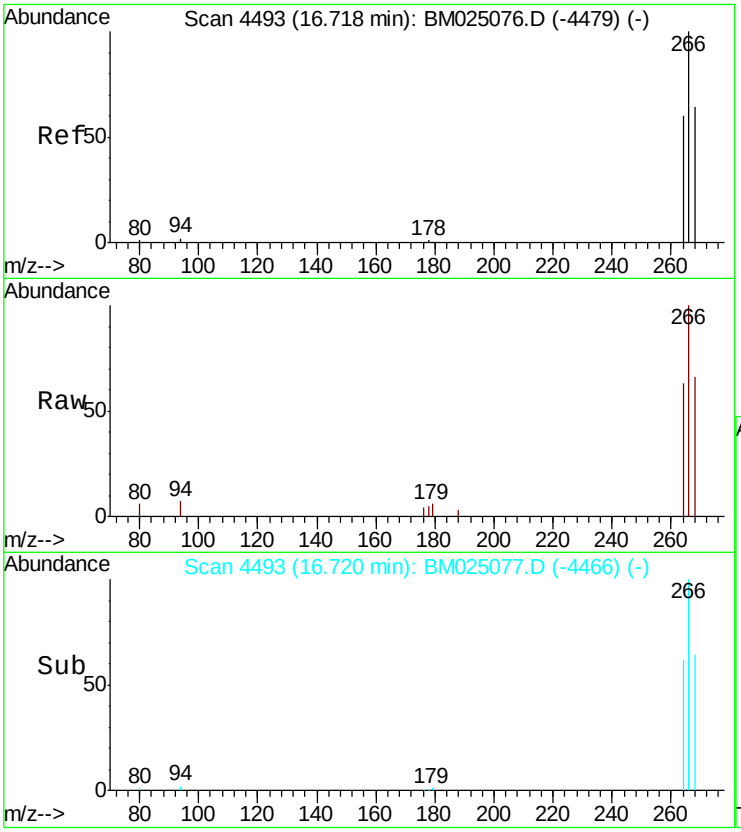


#9
Fluorene
Concen: 0.506 ng/ul
RT: 15.37 min Scan# 4133
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:166 Resp: 11976

Ion	Ratio	Lower	Upper
166	100		
165	98.1	80.0	120.0
167	14.2	13.7	20.5



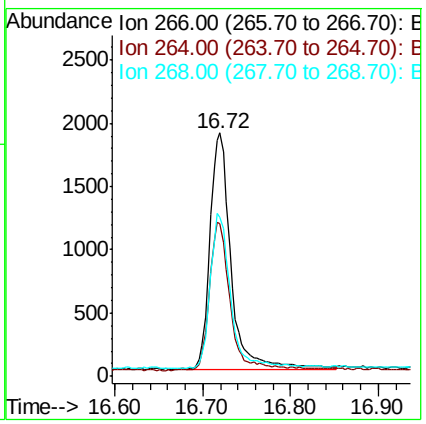


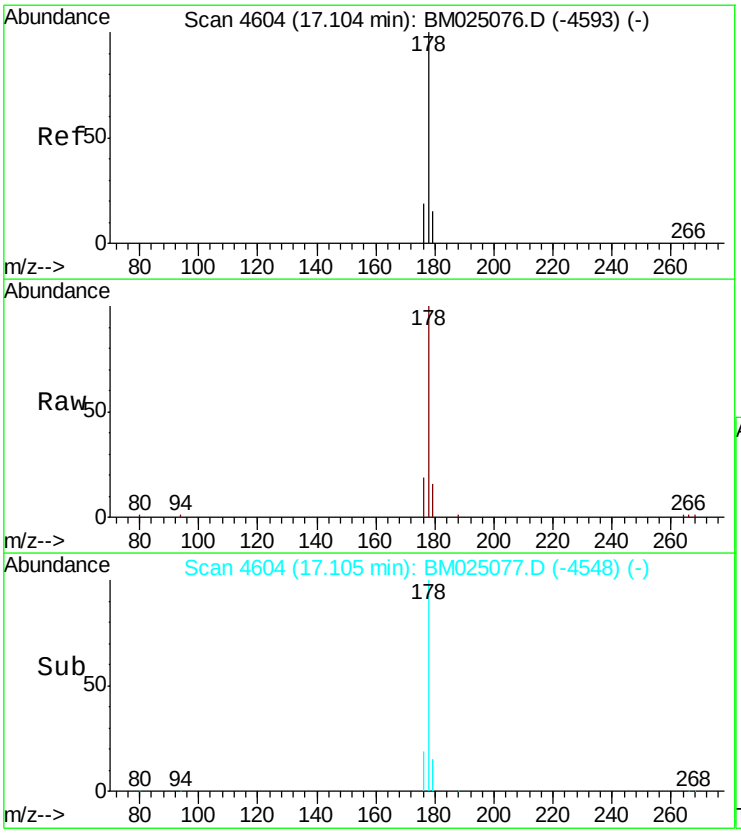
#11
Pentachlorophenol
Concen: 0.898 ng/ul
RT: 16.72 min Scan# 4493
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:266 Resp: 3109

Ion	Ratio	Lower	Upper
266	100		
264	62.8	49.8	74.6
268	64.7	49.0	73.4

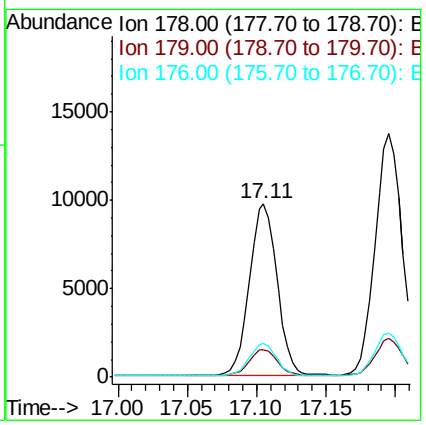


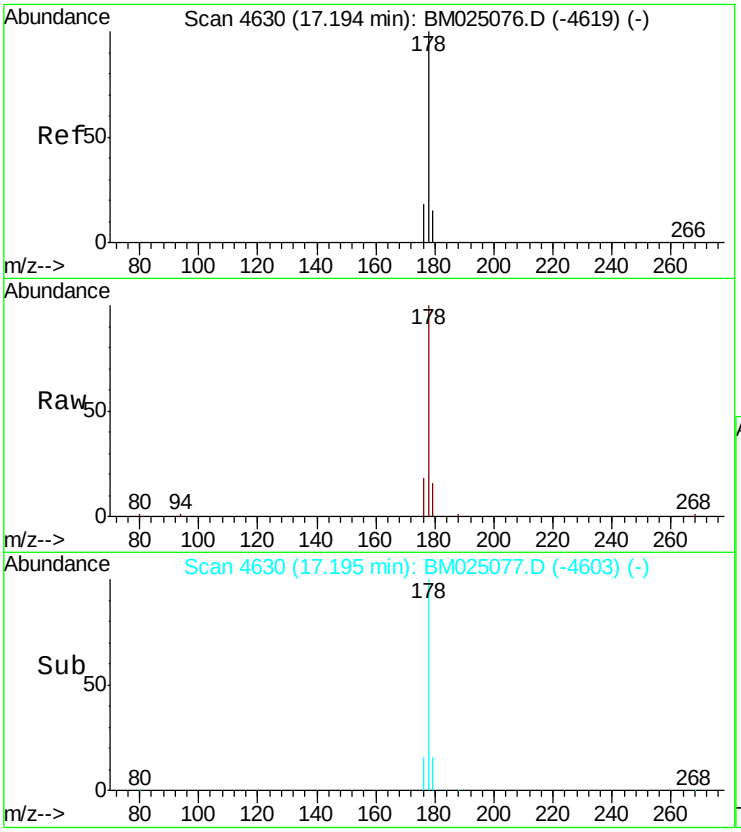


#12
Phenanthrene
Concen: 0.339 ng/ul
RT: 17.11 min Scan# 4604
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:178 Resp: 13532

Ion	Ratio	Lower	Upper
178	100		
179	16.0	14.0	21.0
176	19.2	16.6	24.8



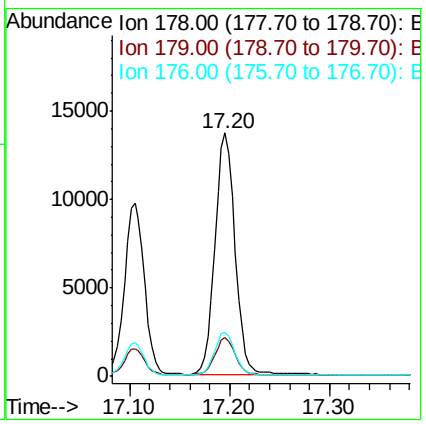


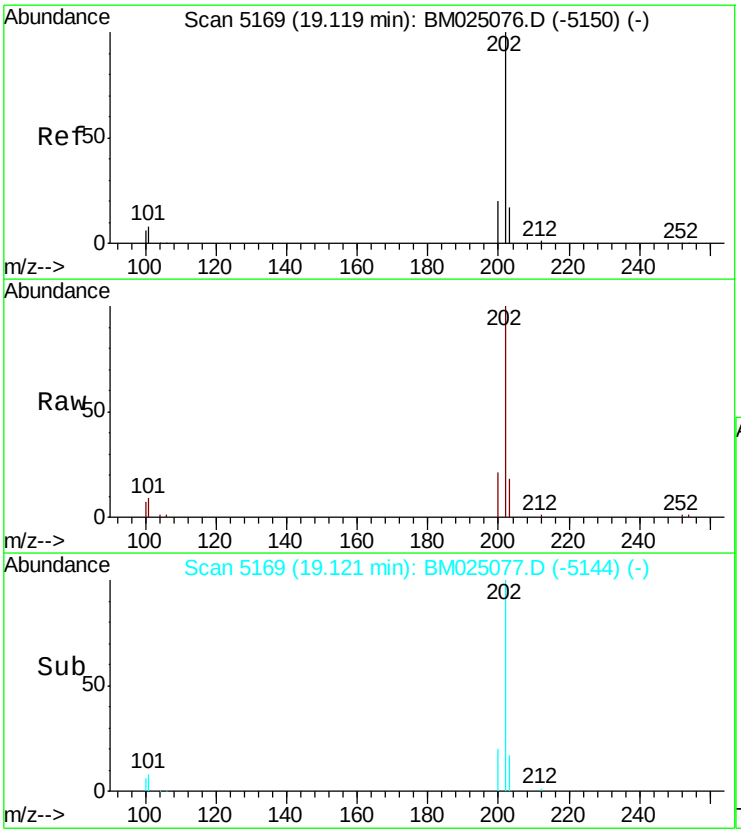
#13
Anthracene
Concen: 0.492 ng/ul
RT: 17.20 min Scan# 4630
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:178 Resp: 18996

Ion	Ratio	Lower	Upper
178	100		
179	15.9	14.1	21.1
176	18.2	16.2	24.4

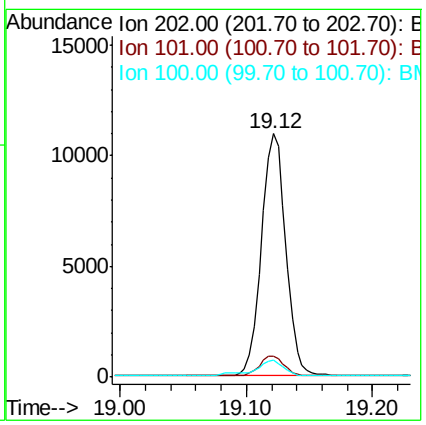


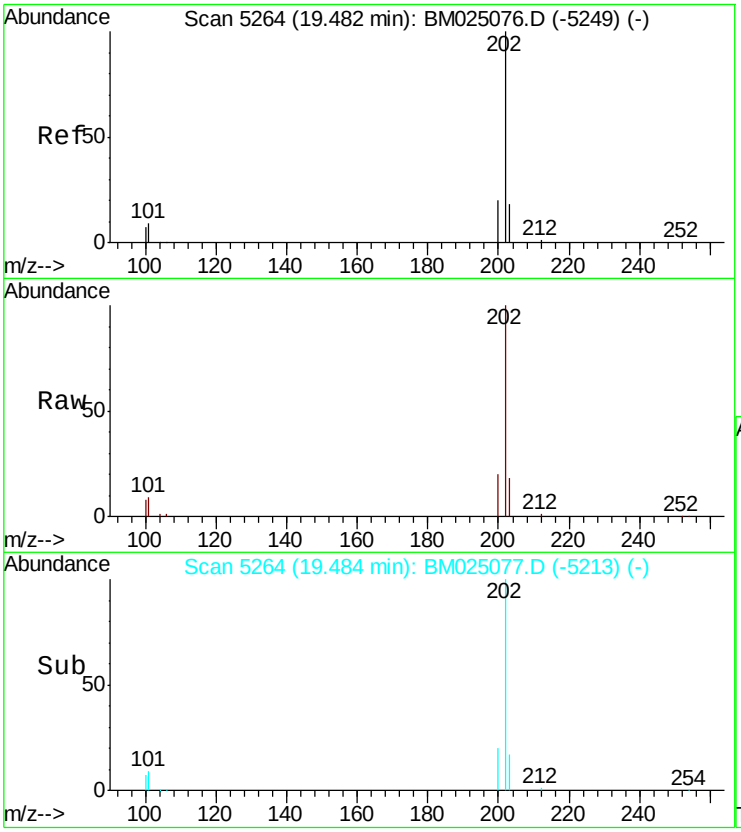


#15
Fluoranthene
Concen: 0.253 ng/ul
RT: 19.12 min Scan# 5169
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:202 Resp: 14675

Ion	Ratio	Lower	Upper
202	100		
101	8.7	0.0	29.4
100	6.8	0.0	28.0



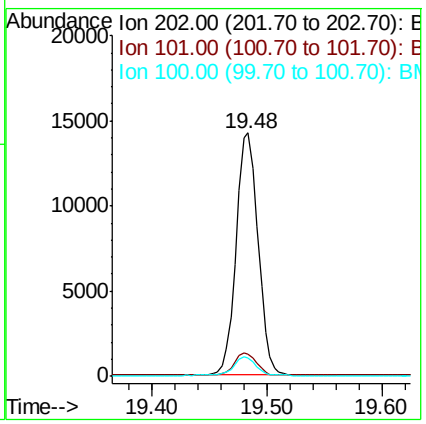


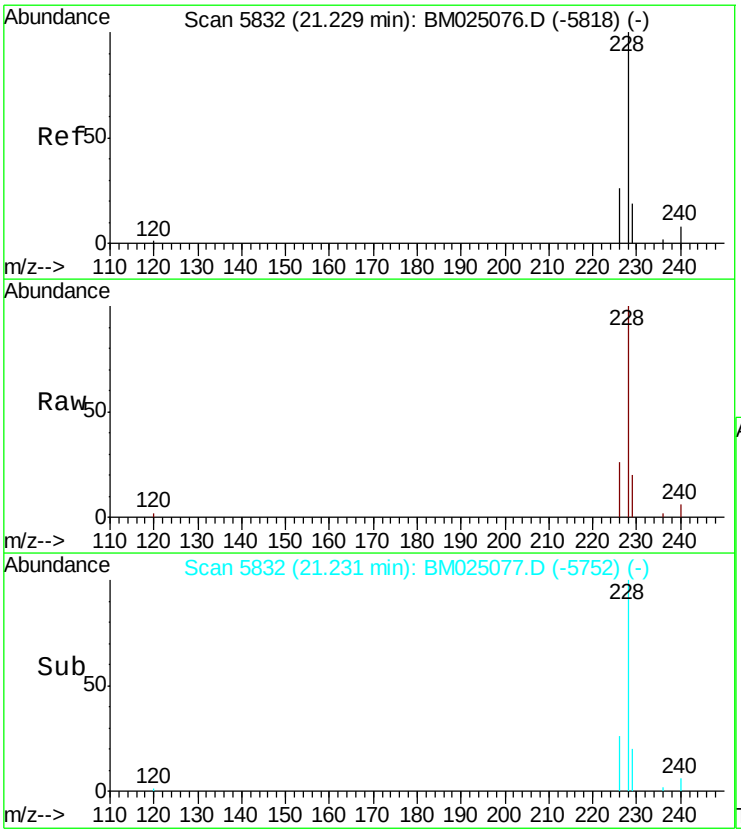
#17
Pyrene
Concen: 0.350 ng/ul
RT: 19.48 min Scan# 5264
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:202 Resp: 18789

Ion	Ratio	Lower	Upper
202	100		
101	9.4	8.7	13.1
100	7.6	7.3	10.9

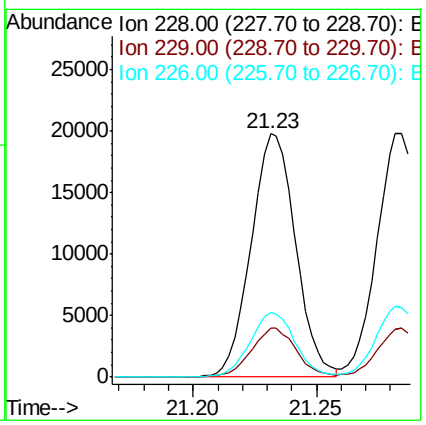


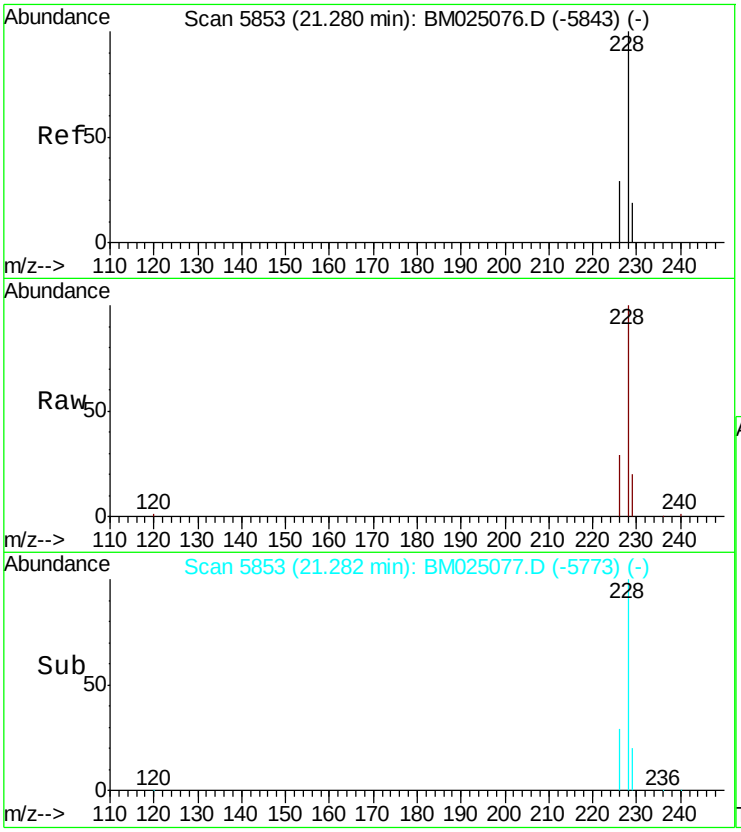


#18
Benzo(a)anthracene
Concen: 0.479 ng/ul
RT: 21.23 min Scan# 5832
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:228 Resp: 24668

Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.6	25.0
226	26.4	21.9	32.9



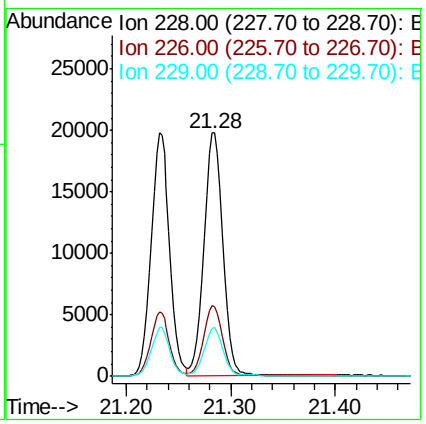


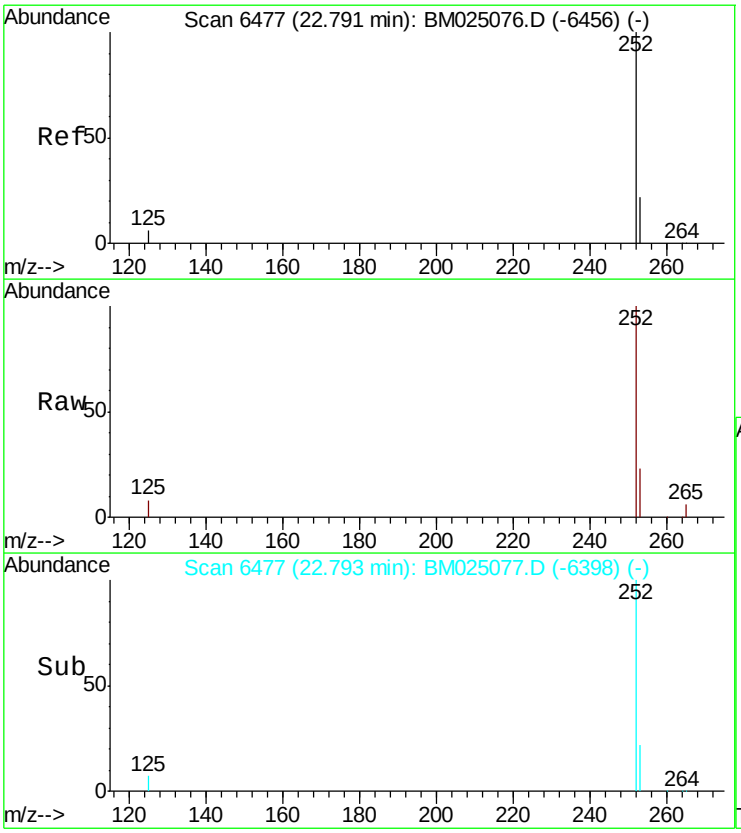
#19
Chrysene
Concen: 0.477 ng/ul
RT: 21.28 min Scan# 5853
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:228 Resp: 24430

Ion	Ratio	Lower	Upper
228	100		
226	29.2	23.8	35.8
229	19.8	16.9	25.3

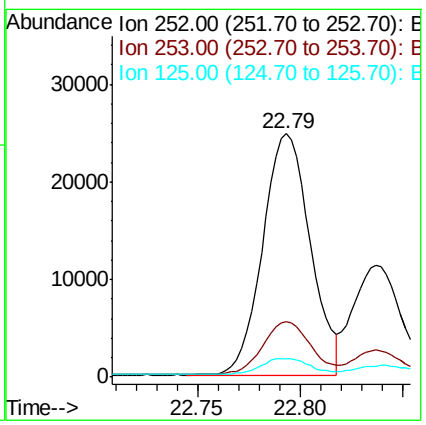


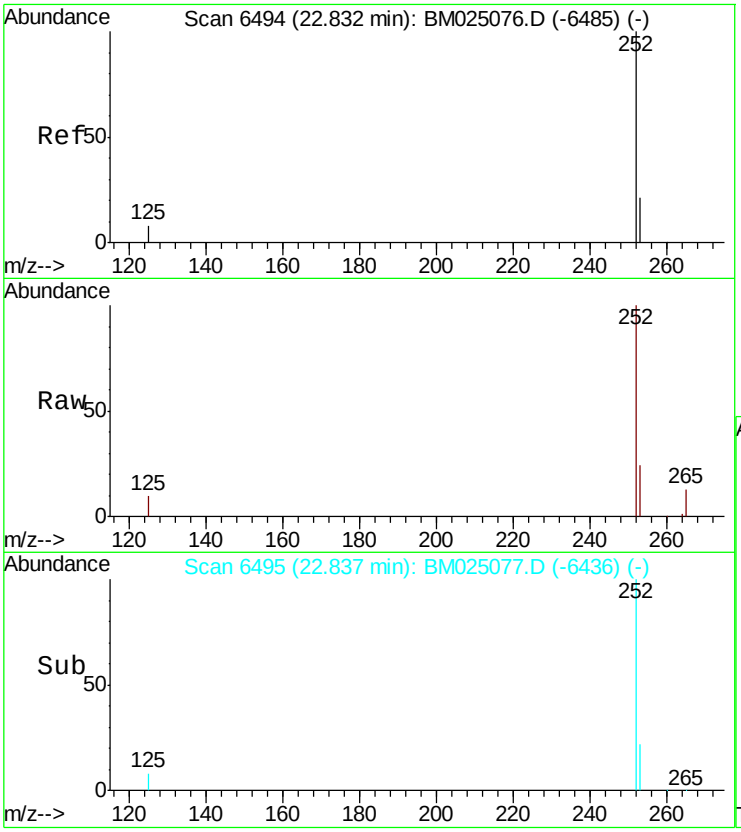


#21
Benzo(b)fluoranthene
Concen: 0.770 ng/ul
RT: 22.79 min Scan# 6477
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:252 Resp: 39946

Ion	Ratio	Lower	Upper
252	100		
253	22.6	0.0	49.8
125	7.7	0.0	28.6



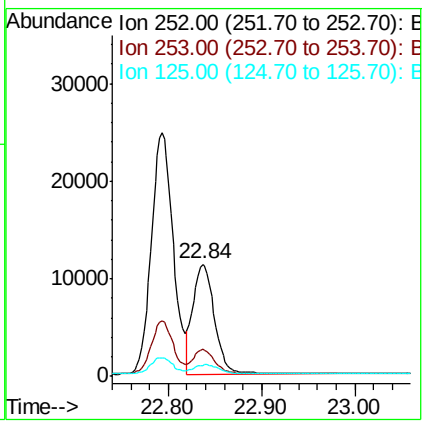


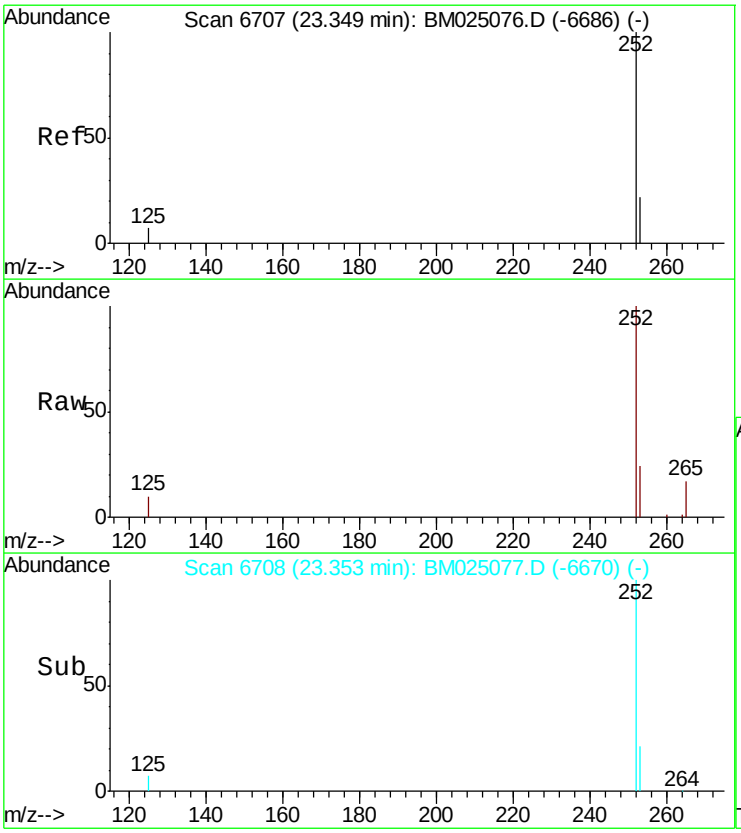
#22
Benzo(k)fluoranthene
Concen: 0.349 ng/ul
RT: 22.84 min Scan# 6495
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:252 Resp: 17937

Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.4	29.0
125	10.1	10.7	16.1#

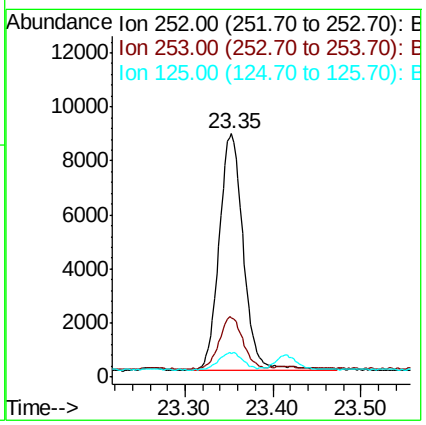


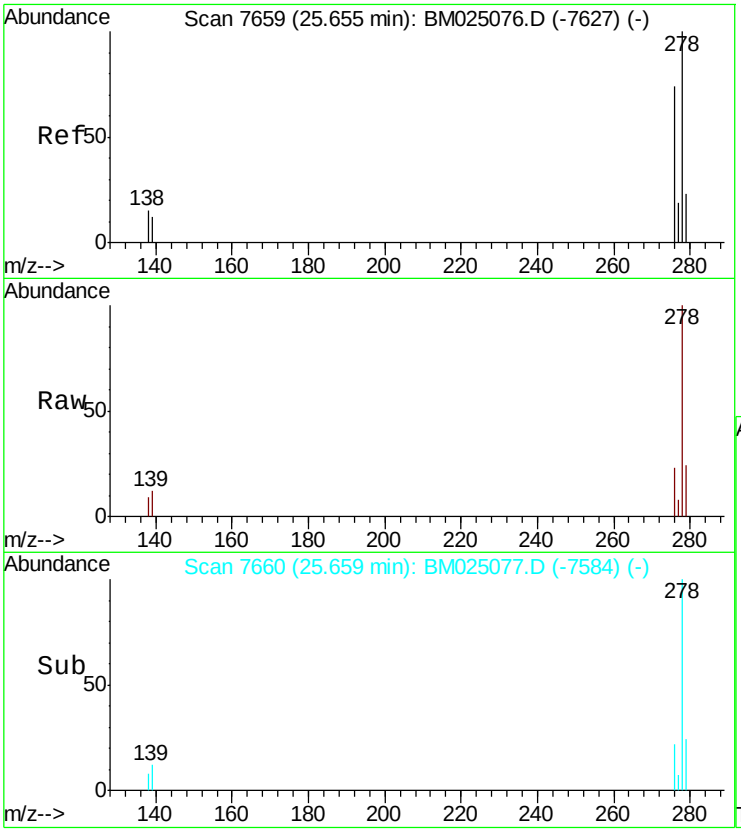


#23
Benzo(a)pyrene
Concen: 0.356 ng/ul
RT: 23.35 min Scan# 6708
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:252 Resp: 16872

Ion	Ratio	Lower	Upper
252	100		
253	24.4	20.3	30.5
125	9.9	13.0	19.4#



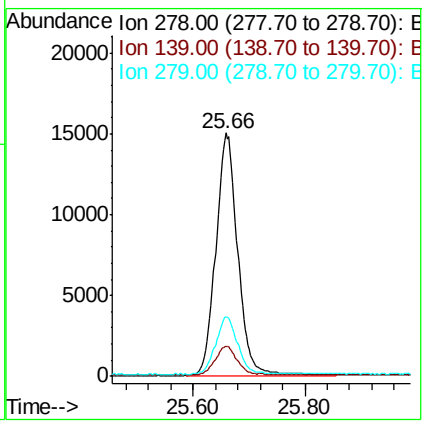


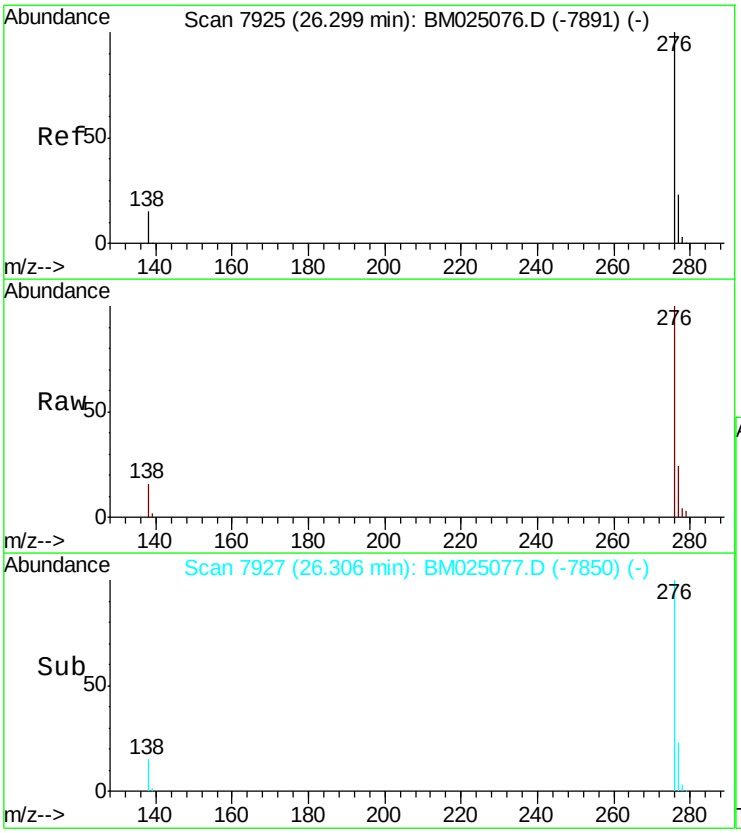
#25
Dibenzo(a,h)anthracene
Concen: 0.819 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Instrument :
BNA_M
ClientSampleId :
DBCX7

Tgt Ion:278 Resp: 40809

Ion	Ratio	Lower	Upper
278	100		
139	12.5	13.2	19.8#
279	24.4	21.0	31.4





#26
Benzo(g,h,i)perylene
Concen: 0.353 ng/ul
RT: 26.31 min Scan# 7927
Delta R.T. -0.01 min
Lab File: BM025077.D
Acq: 26 Feb 2020 13:15

Tgt Ion:276 Resp: 17646

Ion	Ratio	Lower	Upper
276	100		
138	16.2	17.9	26.9#
277	24.1	20.5	30.7