Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM040420\
Data File : BM025927.D
Acq On : 04 Apr 2020 00:11
Operator : CG/JU
Sample : L2062-06DL 5X
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F3E05DL

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Quant Time: Apr 04 01:59:50 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\SOM-EPA-SIM-BM040220.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	3725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.32	136	16218	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.20	164	10639	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	25037	0.40	ng/ul	0.00
16) Chrysene-d12	21.14	240	26266	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	25223	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	1405	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4581	0.06	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	14495	0.319	ng/ul	98
8) Acenaphthene	14.26	153	1670	0.044	ng/ul	98
9) Fluorene	15.26	166	3490	0.075	ng/ul	99
12) Phenanthrene	16.99	178	11103	0.141	ng/ul	99
13) Anthracene	17.08	178	334439	4.799	ng/ul	99
15) Fluoranthene	19.01	202	655784	6.729	ng/ul	99
17) Pyrene	19.37	202	944100	10.036	ng/ul	97
18) Benzo(a)anthracene	21.13	228	536250	5.711	ng/ul	99
19) Chrysene	21.18	228	894222	8.726	ng/ul	99
21) Benzo(b)fluoranthene	22.65	252	924997m	9.965	ng/ul	
22) Benzo(k)fluoranthene	22.69	252	356556m	3.582	ng/ul	
23) Benzo(a)pyrene	23.19	252	398044	4.798	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.40	276	158270	1.425	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.41	278	47124	0.508	ng/ul	98
26) Benzo(g,h,i)perylene	26.04	276	87600	0.932	ng/ul	99

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

Quantitation Report (QT Reviewed)

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 03 22:53:21 2020
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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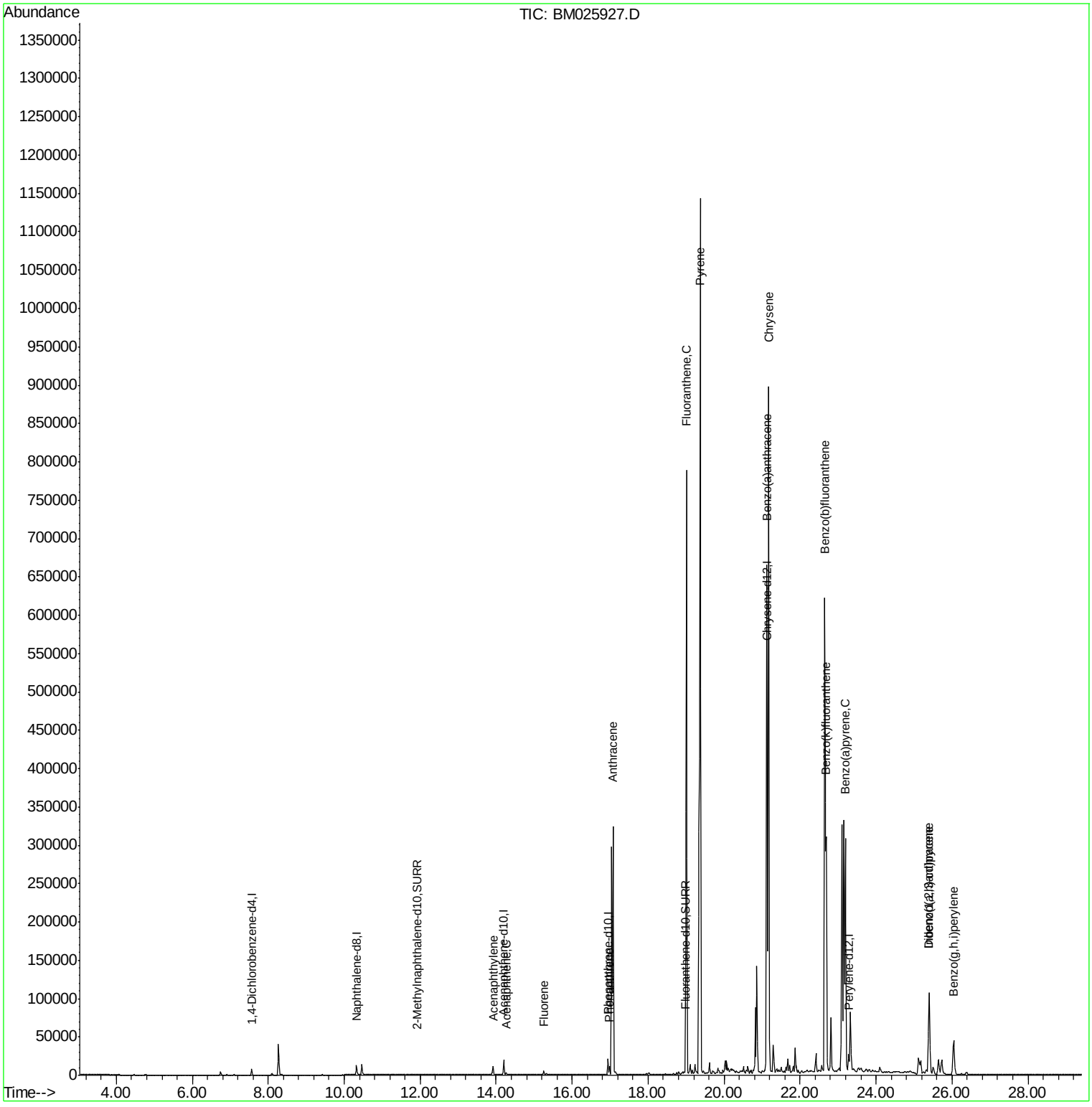
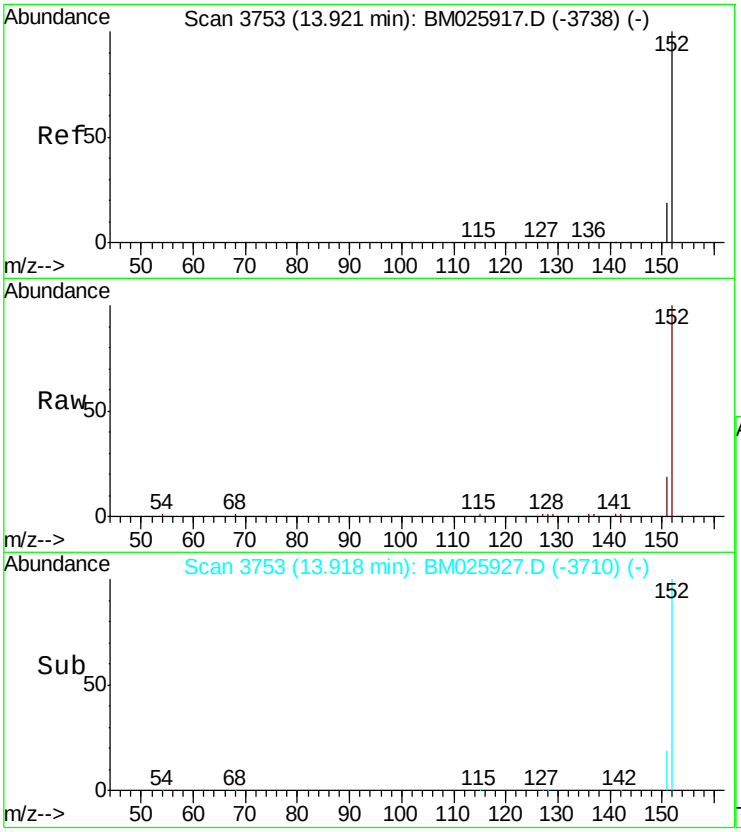
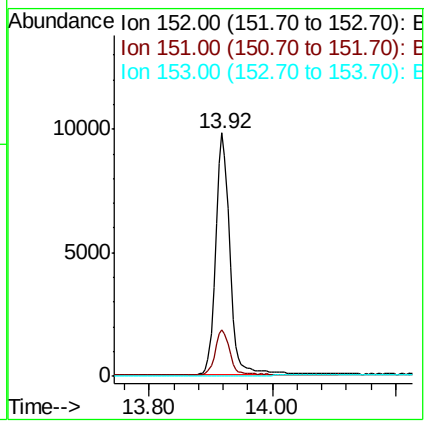




#7
Acenaphthylene
Concen: 0.319 ng/ul
RT: 13.92 min Scan# 3753
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:152 Resp: 14495

Ion	Ratio	Lower	Upper
152	100		
151	19.2	16.1	24.1
153	0.0	0.0	0.0



Instrument :
BNA_M
ClientSampleId :
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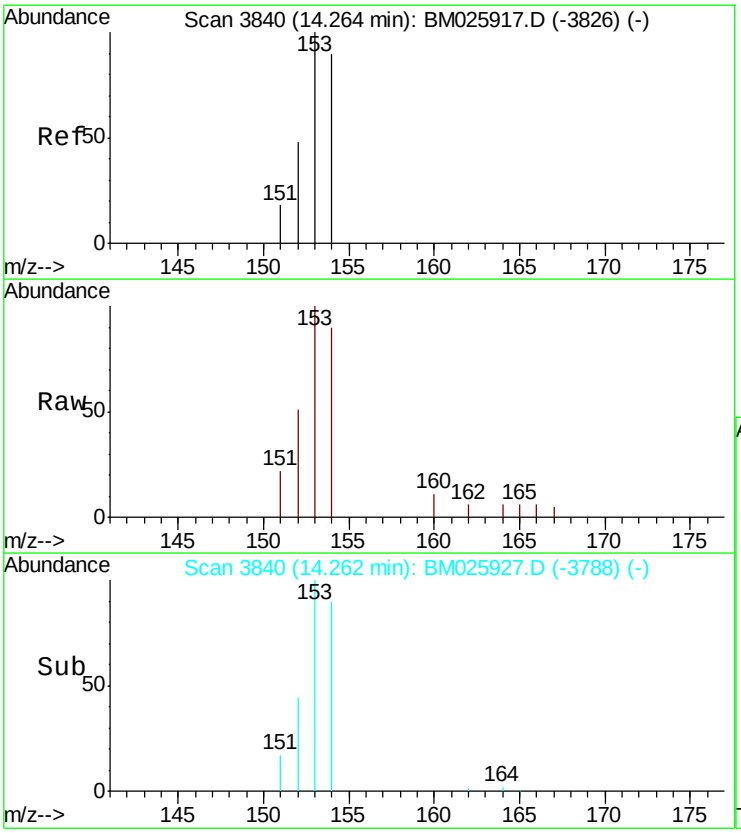
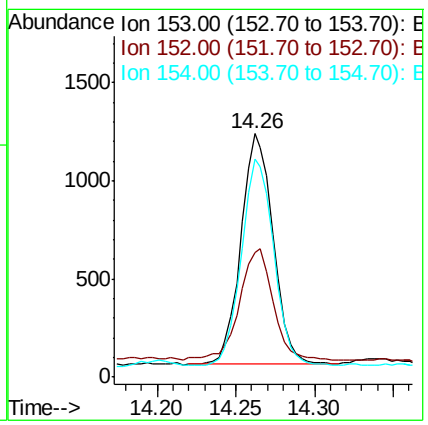
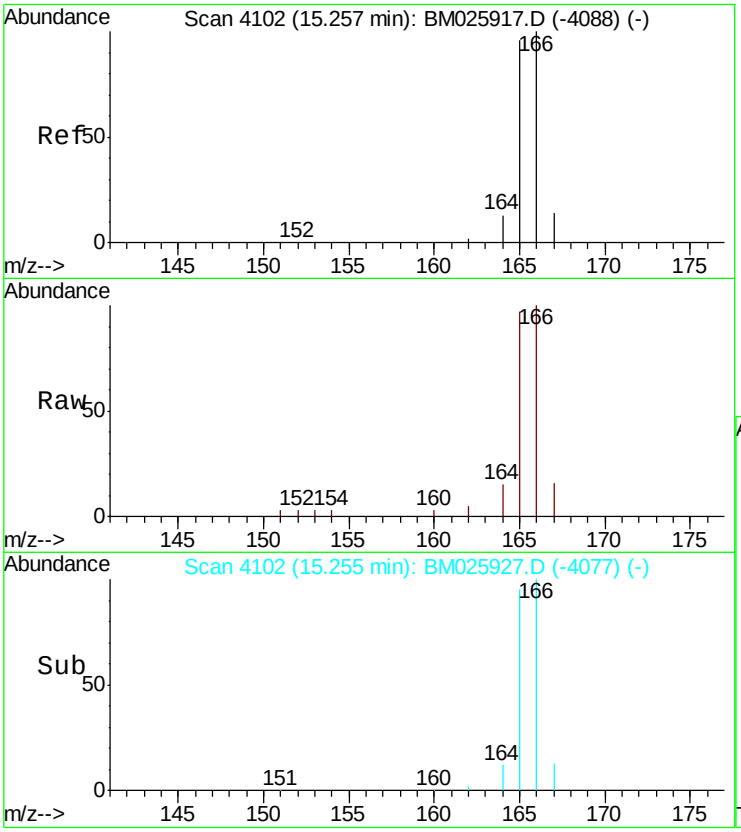


#8
Acenaphthene
Concen: 0.044 ng/ul
RT: 14.26 min Scan# 3840
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:153 Resp: 1670

Ion	Ratio	Lower	Upper
153	100		
152	51.3	38.8	58.2
154	89.6	71.9	107.9

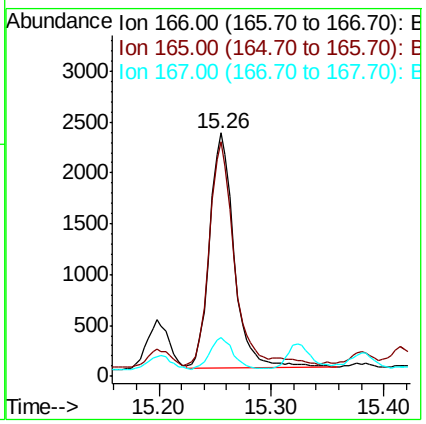




#9
Fluorene
Concen: 0.075 ng/ul
RT: 15.26 min Scan# 4102
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:166 Resp: 3490

Ion	Ratio	Lower	Upper
166	100		
165	96.6	76.6	115.0
167	15.8	11.4	17.0



Instrument :
BNA_M
ClientSampleId :
F3E05DL

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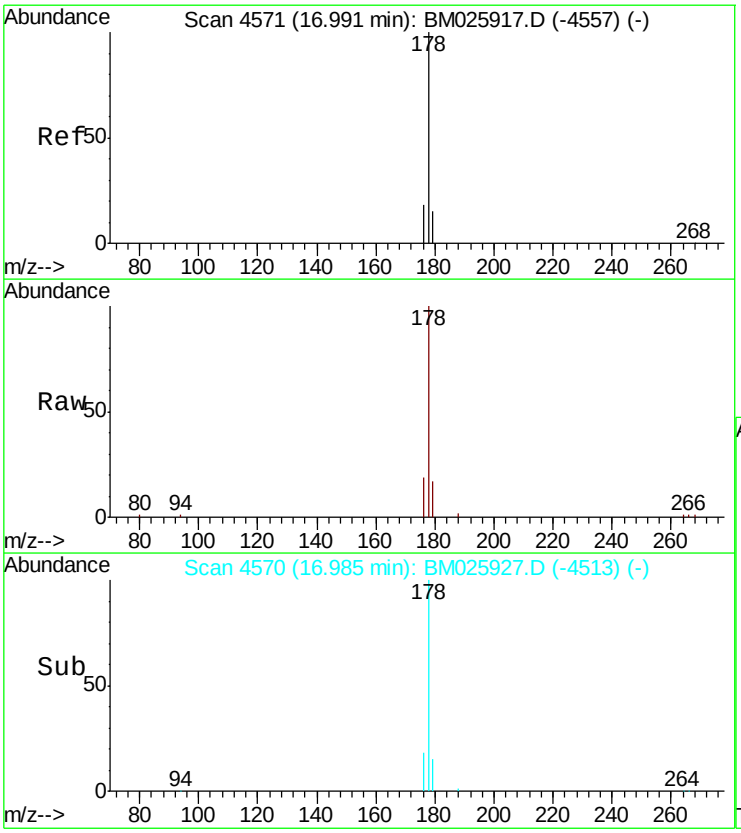
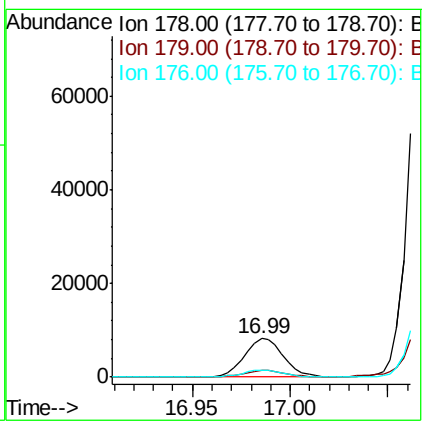
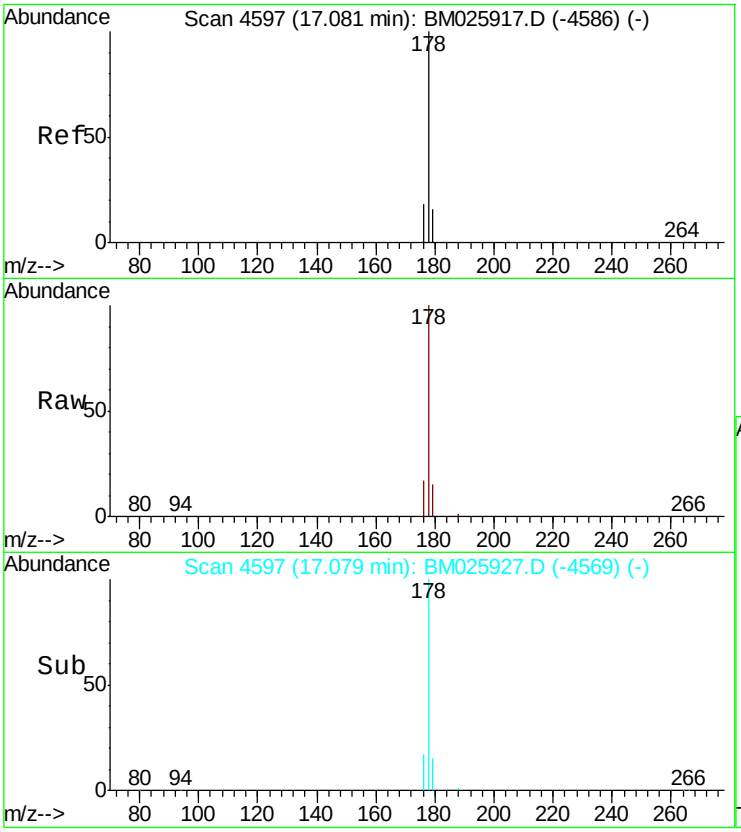


#12
Phenanthrene
Concen: 0.141 ng/ul
RT: 16.99 min Scan# 4570
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:178 Resp: 11103

Ion	Ratio	Lower	Upper
178	100		
179	16.5	12.8	19.2
176	18.7	15.1	22.7

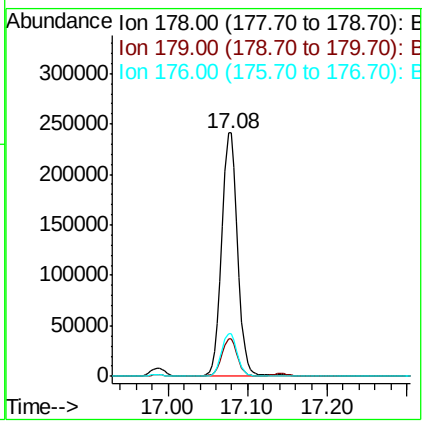




#13
Anthracene
Concen: 4.799 ng/ul
RT: 17.08 min Scan# 4597
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:178 Resp: 334439

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	17.4	14.5	21.7



Instrument :
BNA_M
ClientSampleId :
F3E05DL

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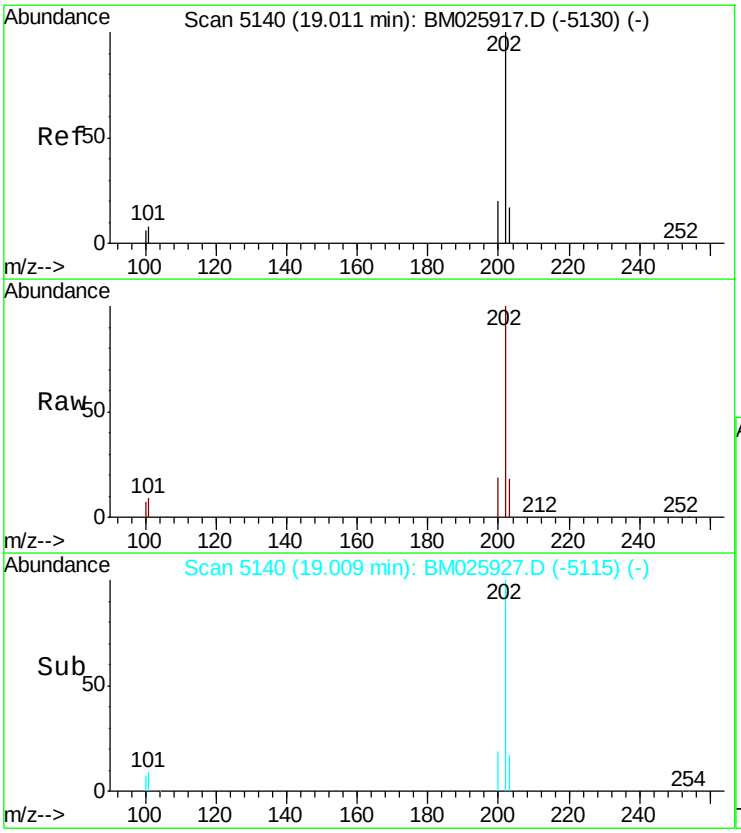
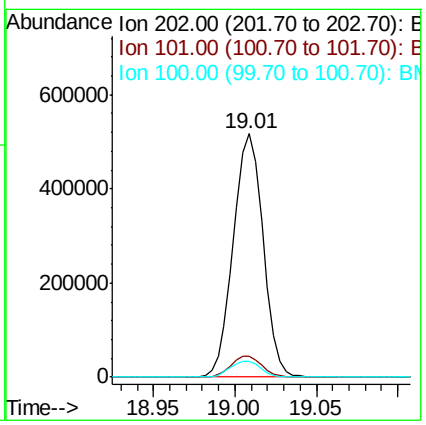
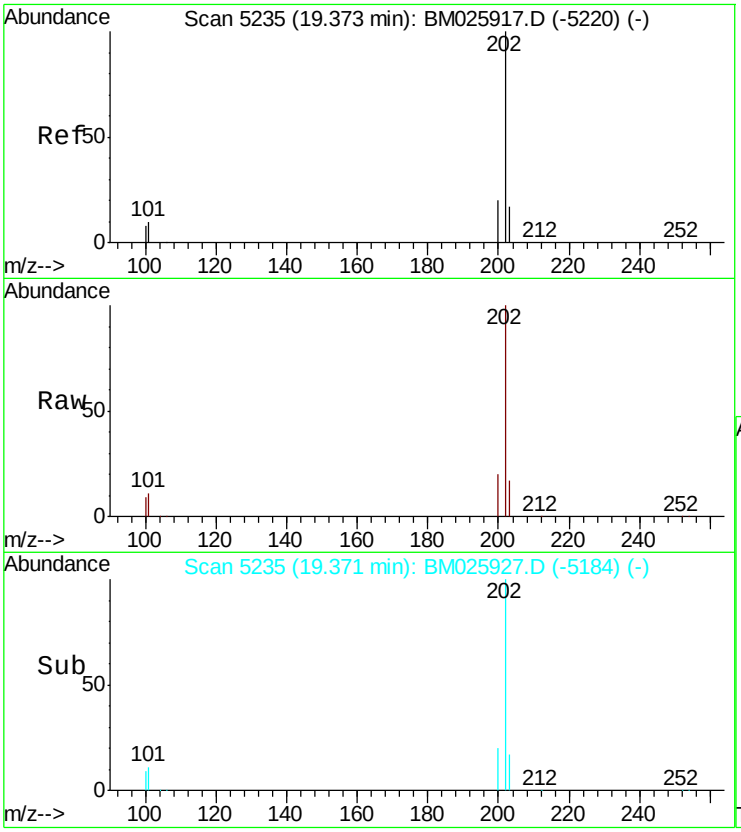


#15
Fluoranthene
Concen: 6.729 ng/ul
RT: 19.01 min Scan# 5140
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:202 Resp: 655784

Ion	Ratio	Lower	Upper
202	100		
101	8.8	0.0	28.6
100	6.7	0.0	27.0





#17
Pyrene
Concen: 10.036 ng/ul
RT: 19.37 min Scan# 5235
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:202 Resp: 944100

Ion	Ratio	Lower	Upper
202	100		
101	10.6	7.5	11.3
100	8.8	6.3	9.5

Instrument :
BNA_M
ClientSampleId :
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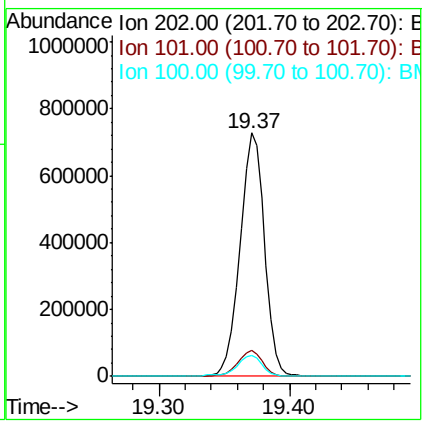
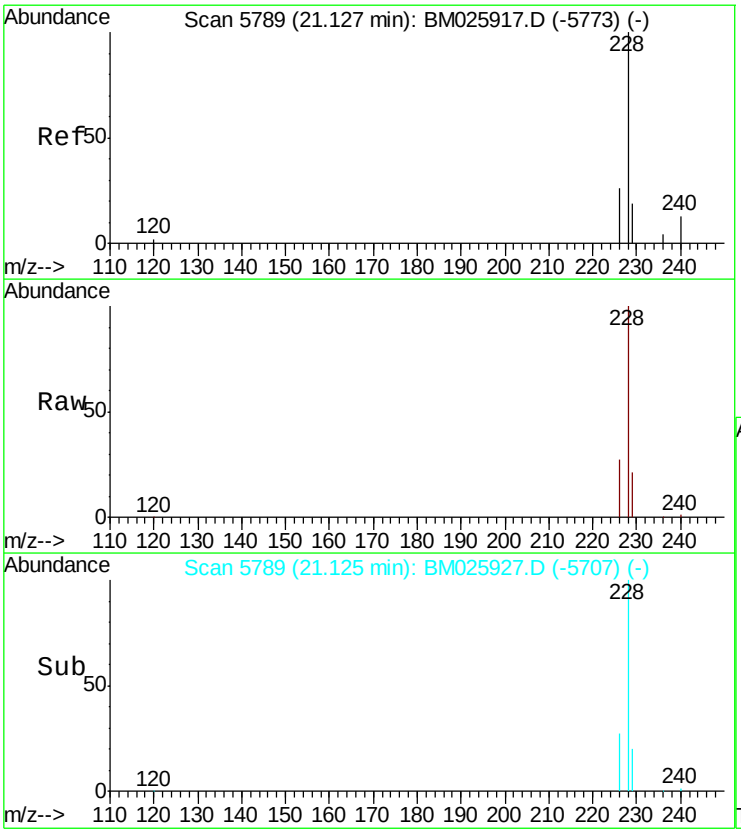
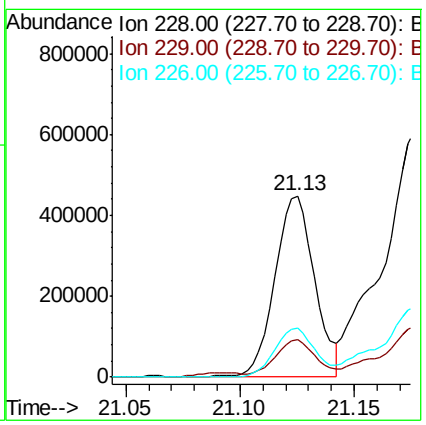


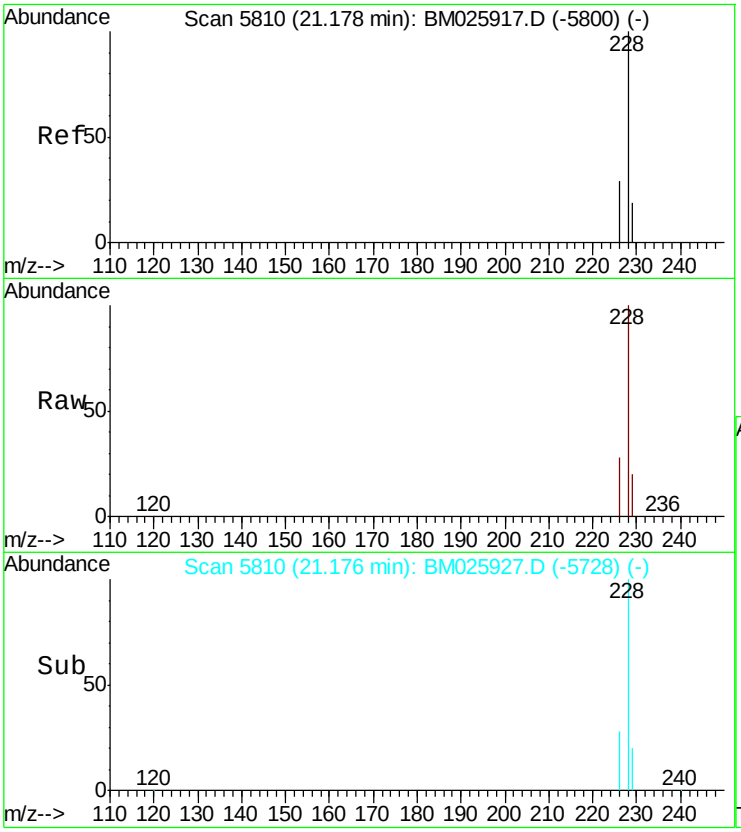


#18
Benzo(a)anthracene
Concen: 5.711 ng/ul
RT: 21.13 min Scan# 5789
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:228 Resp: 536250

Ion	Ratio	Lower	Upper
228	100		
229	20.5	15.8	23.8
226	26.8	20.9	31.3

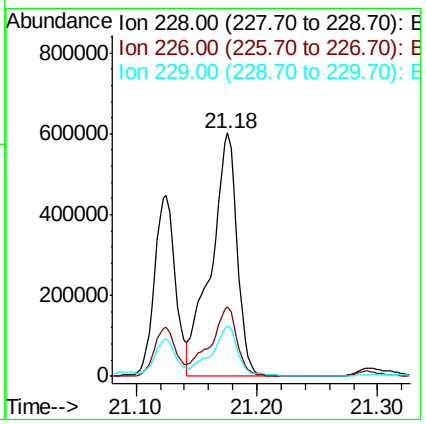




#19
Chrysene
Concen: 8.726 ng/ul
RT: 21.18 min Scan# 5810
Delta R.T. -0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:228 Resp: 894222

Ion	Ratio	Lower	Upper
228	100		
226	28.4	22.9	34.3
229	20.4	15.8	23.8



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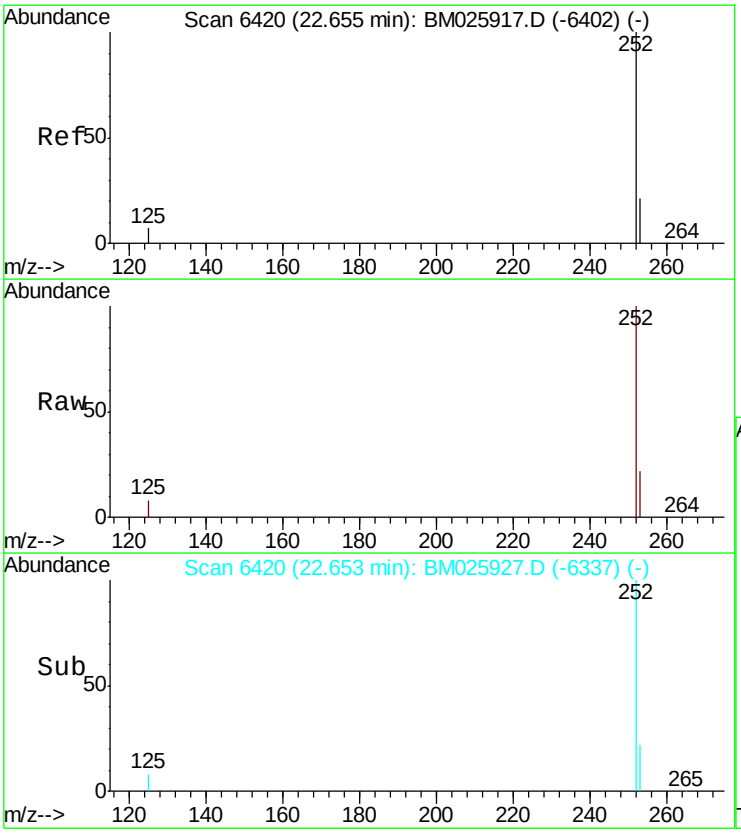
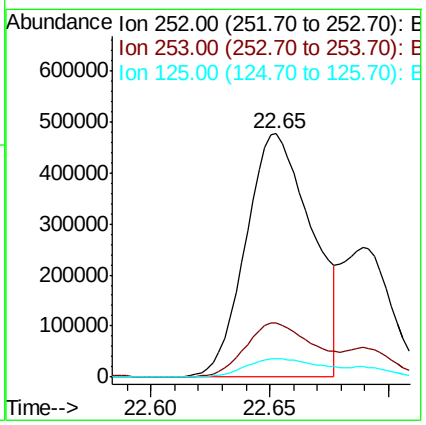
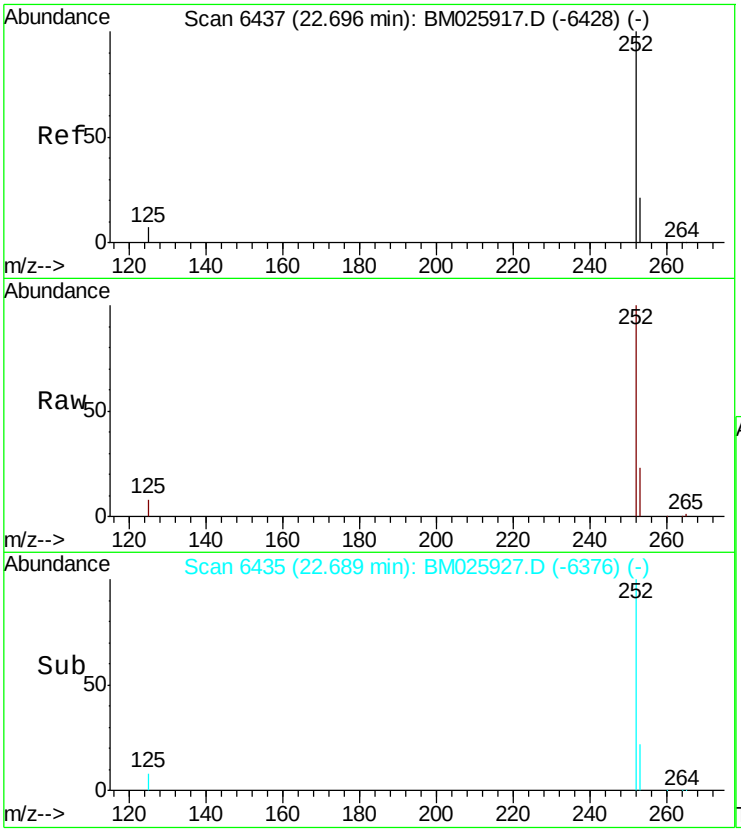


#21
Benzo(b)fluoranthene
Concen: 9.965 ng/ul m
RT: 22.65 min Scan# 6420
Delta R.T. 0.00 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:252 Resp: 924997

Ion	Ratio	Lower	Upper
252	100		
253	22.4	0.0	46.6
125	7.6	0.0	15.4

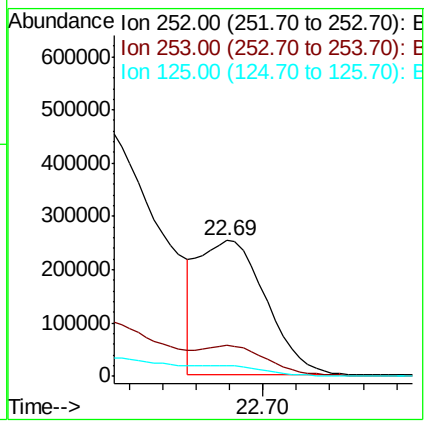




#22
Benzo(k)fluoranthene
Concen: 3.582 ng/ul m
RT: 22.69 min Scan# 6435
Delta R.T. -0.01 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:252 Resp: 356556

Ion	Ratio	Lower	Upper
252	100		
253	22.5	19.0	28.4
125	7.8	6.7	10.1



Instrument :
BNA_M
ClientSampleId :
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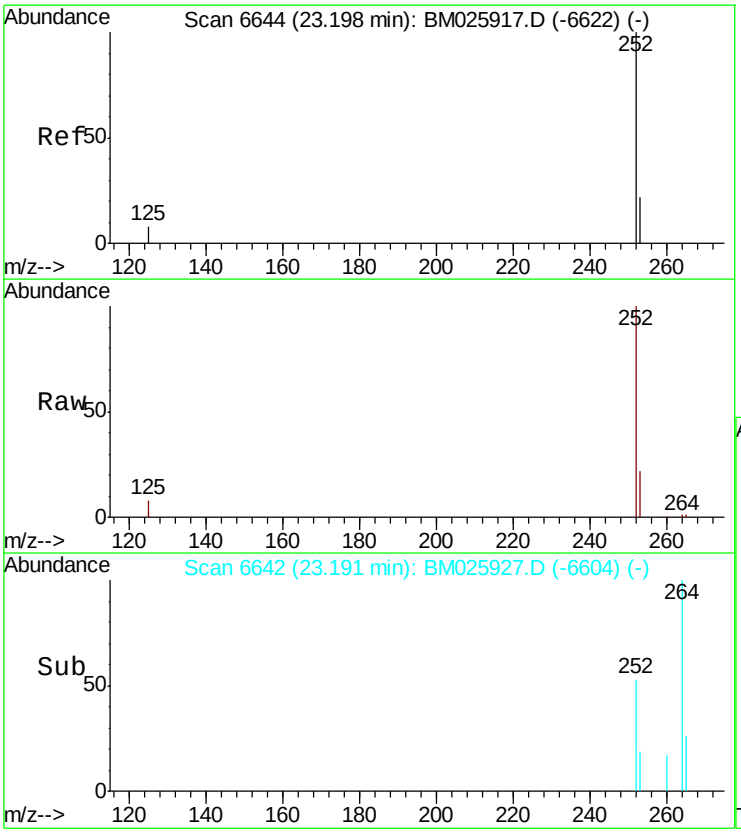
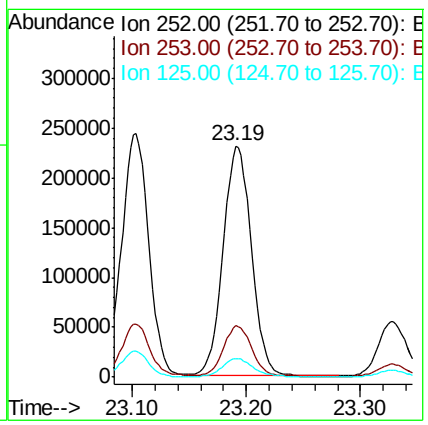
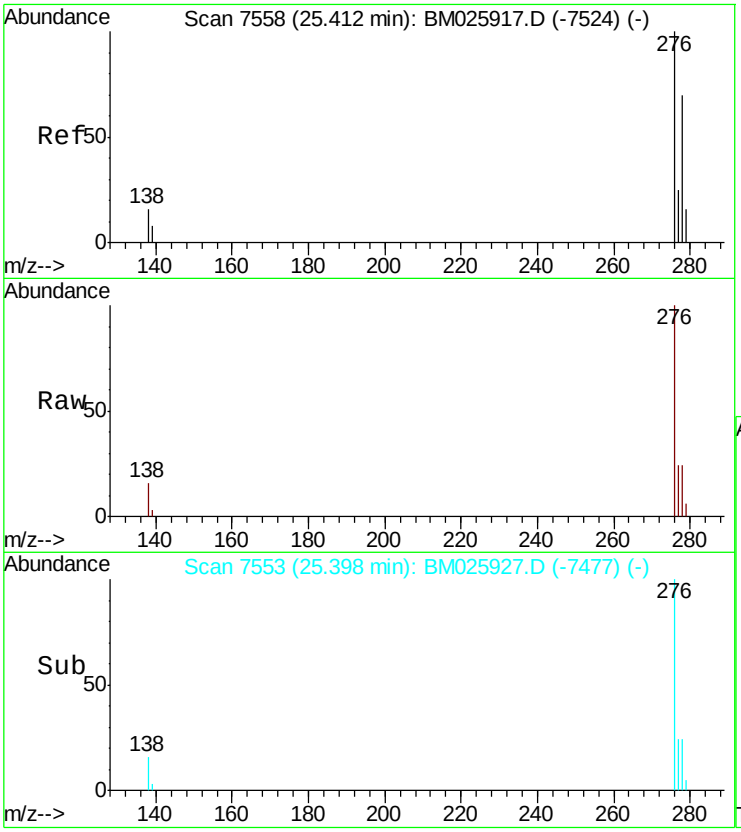


#23
Benzo(a)pyrene
Concen: 4.798 ng/ul
RT: 23.19 min Scan# 6642
Delta R.T. -0.01 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:252 Resp: 398044

Ion	Ratio	Lower	Upper
252	100		
253	22.1	19.2	28.8
125	8.2	7.4	11.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.425 ng/ul
RT: 25.40 min Scan# 7553
Delta R.T. -0.02 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:276 Resp: 158270

Ion	Ratio	Lower	Upper
276	100		
138	15.8	12.6	19.0
227	0.0	0.0	0.0

Instrument :
BNA_M
ClientSampleId :
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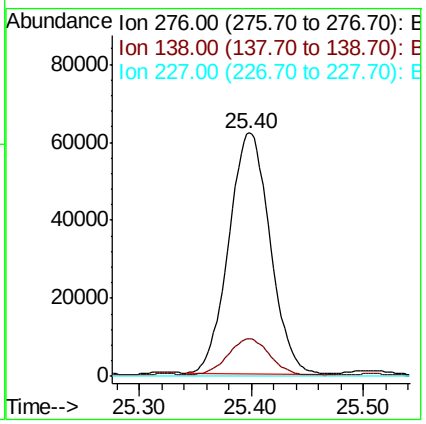
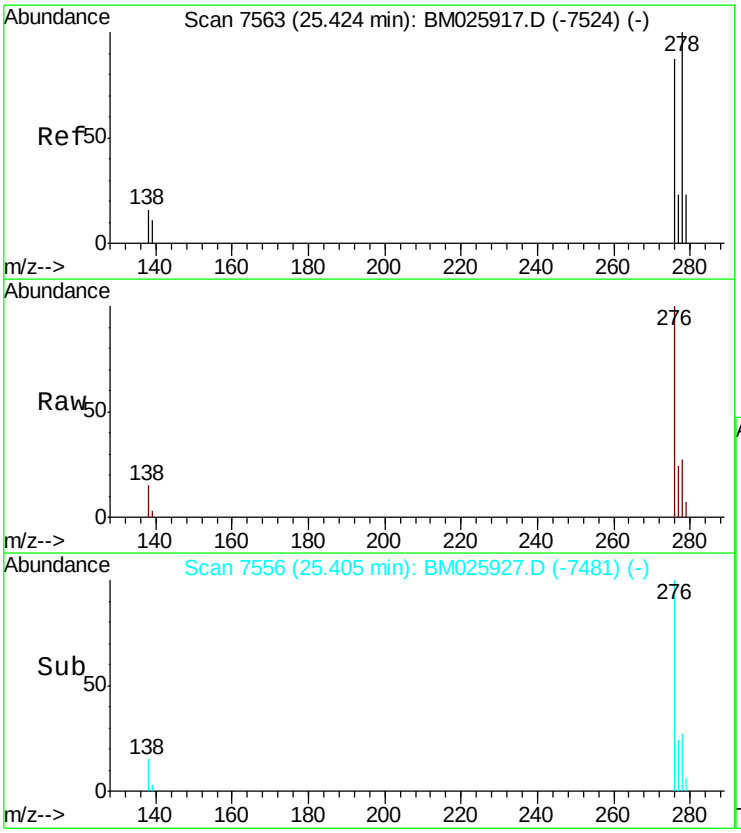
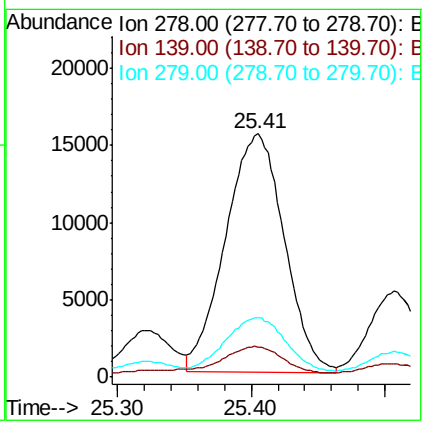


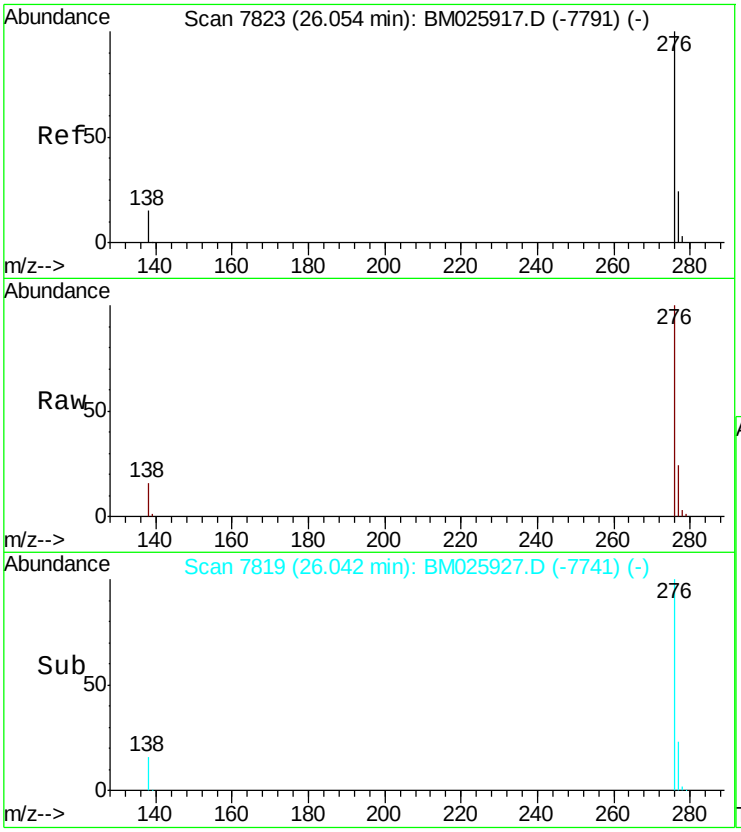


#25
Dibenzo(a,h)anthracene
Concen: 0.508 ng/ul
RT: 25.41 min Scan# 7556
Delta R.T. -0.02 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:278 Resp: 47124

Ion	Ratio	Lower	Upper
278	100		
139	12.5	8.9	13.3
279	24.3	20.0	30.0

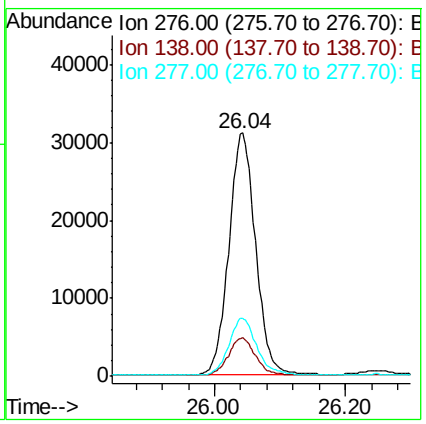




#26
Benzo(g,h,i)perylene
Concen: 0.932 ng/ul
RT: 26.04 min Scan# 7819
Delta R.T. -0.01 min
Lab File: BM025927.D
Acq: 04 Apr 2020 00:11

Tgt Ion:276 Resp: 87600

Ion	Ratio	Lower	Upper
276	100		
138	16.1	11.8	17.8
277	23.9	19.2	28.8



Instrument :
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ClientSampleId :
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4/6/2020 1:41:21 PM