Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022000.D
Acq On : 10 Aug 2019 17:04
Operator : HP/JU
Sample : K4029-05DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BENX6DL

Manual Integrations APPROVED
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Quant Time: Aug 11 02:09:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-SIM-BM080319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Aug 11 01:49:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	816	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.40	136	3371	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.27	164	1816	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.03	188	3885	0.40	ng/ul	-0.02
16) Chrysene-d12	21.23	240	3828	0.40	ng/ul	-0.01
20) Perylene-d12	23.44	264	4169	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.03	152	241	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.06	212	635	0.05	ng/ul	-0.01
Target Compounds						Qvalue
7) Acenaphthylene	13.99	152	507	0.060	ng/ul#	72
8) Acenaphthene	14.33	153	324	0.047	ng/ul	94
9) Fluorene	15.33	166	325	0.042	ng/ul#	94
12) Phenanthrene	17.07	178	6242	0.552	ng/ul	99
13) Anthracene	17.16	178	1379	0.143	ng/ul#	90
15) Fluoranthene	19.09	202	12026	0.794	ng/ul	99
17) Pyrene	19.46	202	12505	0.795	ng/ul	97
18) Benzo(a)anthracene	21.21	228	7192	0.525	ng/ul	97
19) Chrysene	21.27	228	6801	0.386	ng/ul	97
21) Benzo(b)fluoranthene	22.78	252	7974m	0.567	ng/ul	
22) Benzo(k)fluoranthene	22.81	252	3653m	0.230	ng/ul	
23) Benzo(a)pyrene	23.34	252	5751	0.402	ng/ul	90
24) Indeno(1,2,3-cd)pyrene	25.66	276	3657	0.214	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.66	278	992	0.072	ng/ul#	48
26) Benzo(g,h,i)perylene	26.34	276	3023	0.197	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM080919\
Data File : BM022000.D
Acq On : 10 Aug 2019 17:04
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Sample : K4029-05DL 5X
Misc :
ALS Vial : 37 Sample Multiplier: 1

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Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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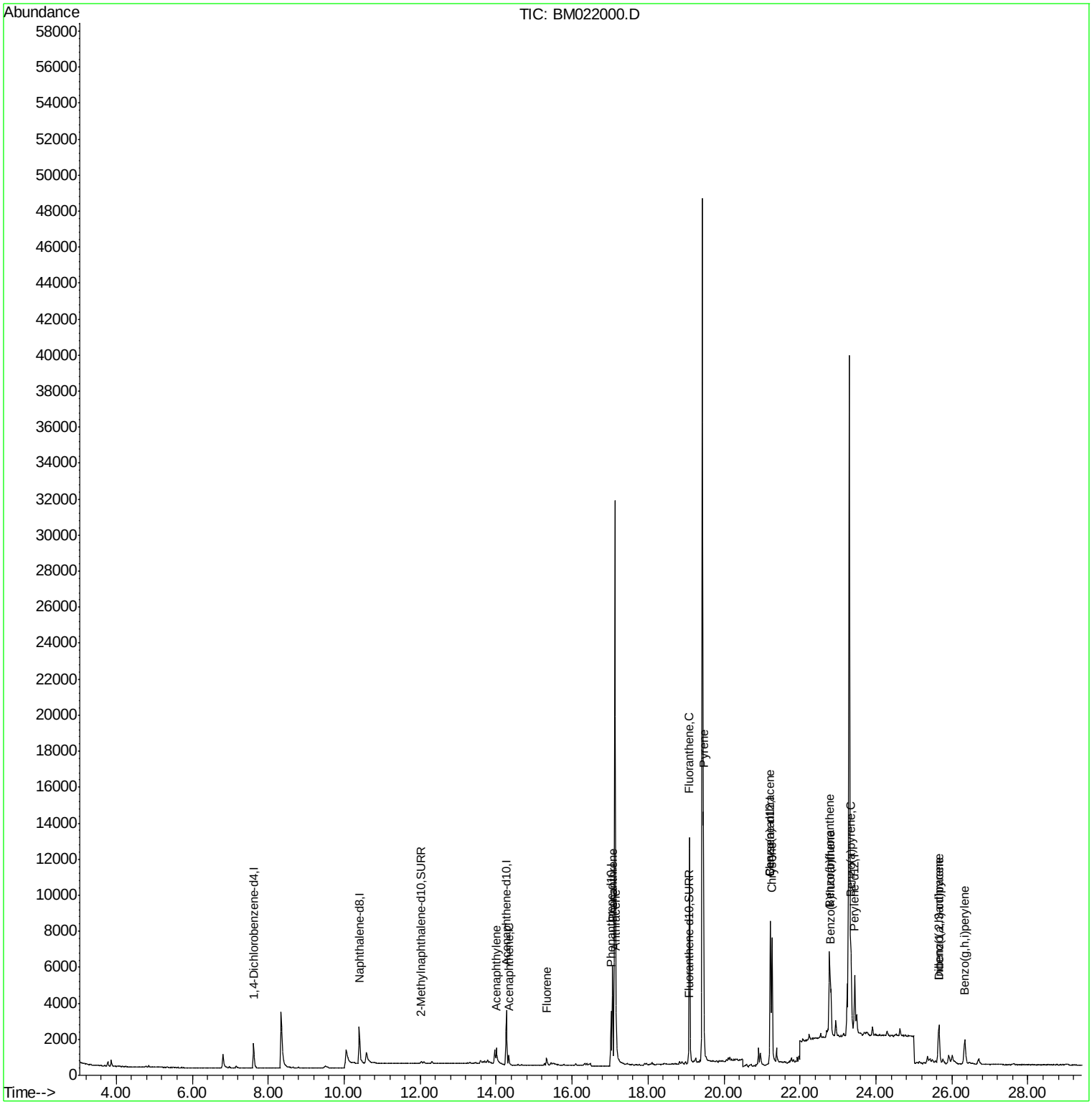
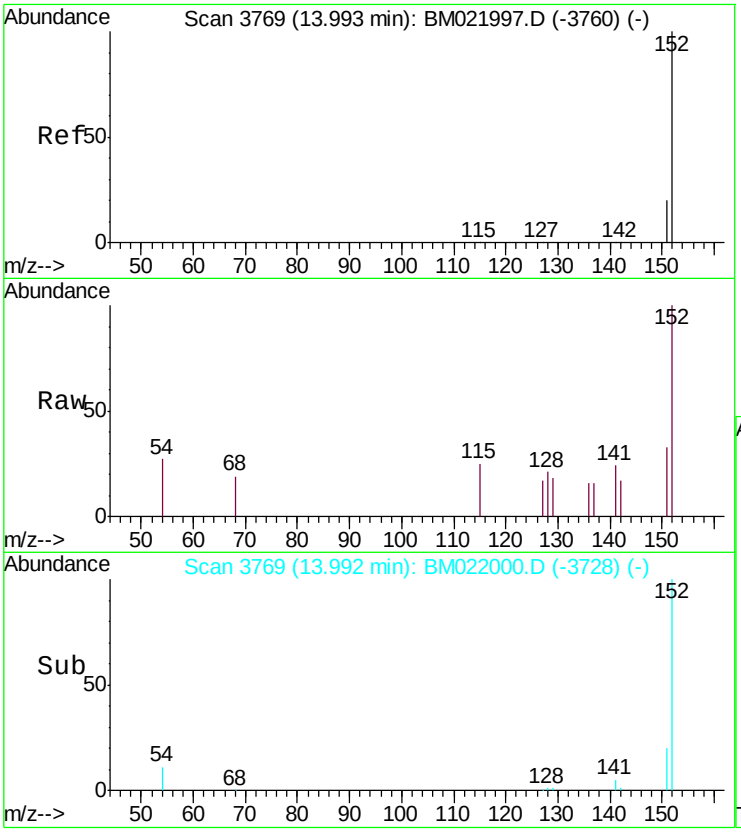
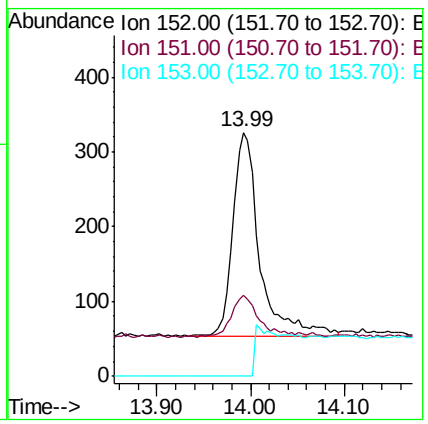




#7
Acenaphthylene
Concen: 0.060 ng/ul
RT: 13.99 min Scan# 3769
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:152 Resp: 507

Ion	Ratio	Lower	Upper
152	100		
151	33.4	18.3	27.5#
153	0.0	12.8	19.2#



Instrument :
BNA_M
ClientSampleId :
BENX6DL

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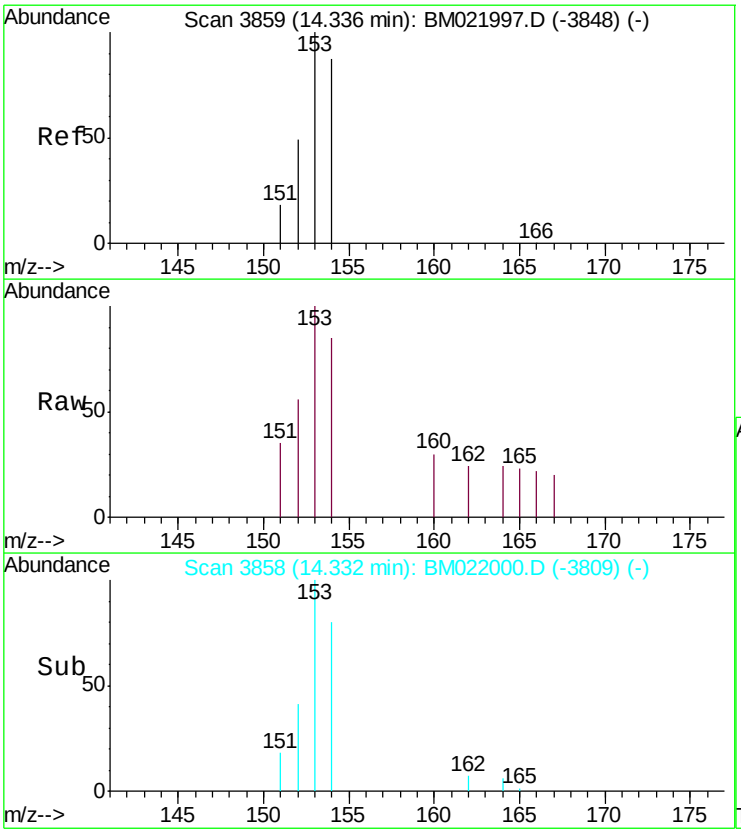
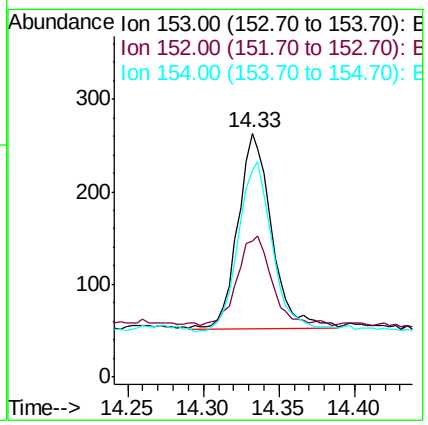
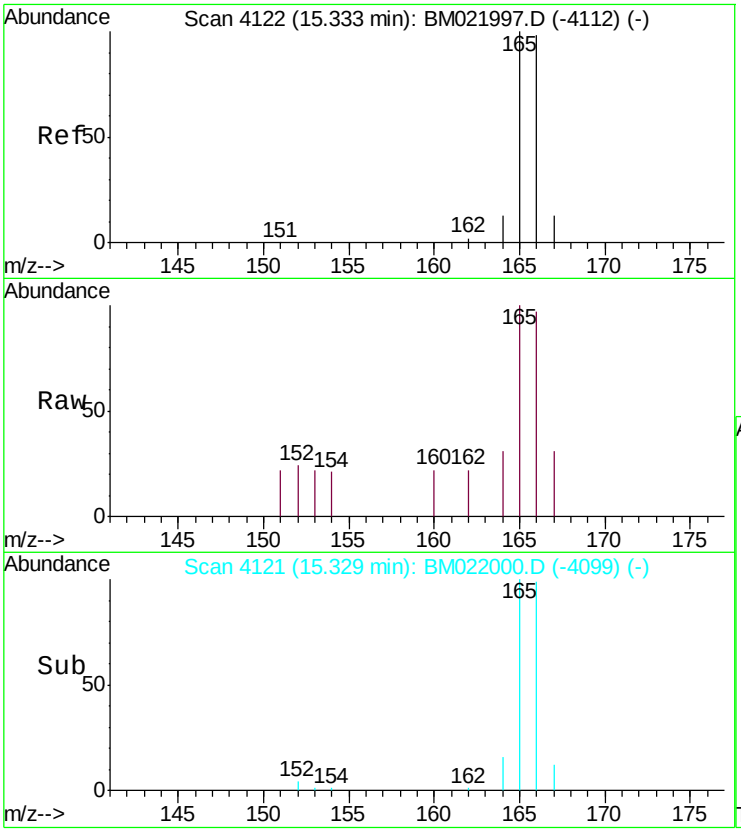


#8
Acenaphthene
Concen: 0.047 ng/ul
RT: 14.33 min Scan# 3858
Delta R.T. -0.01 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:153 Resp: 324

Ion	Ratio	Lower	Upper
153	100		
152	55.9	41.3	61.9
154	84.8	72.3	108.5

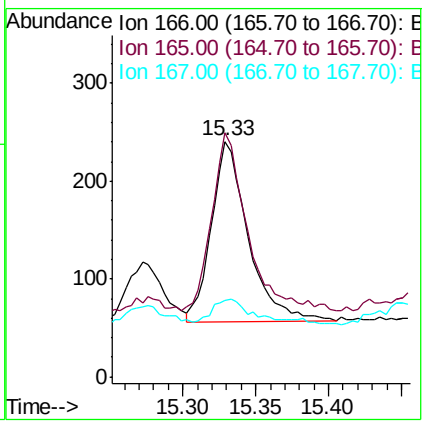




#9
Fluorene
Concen: 0.042 ng/ul
RT: 15.33 min Scan# 4121
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:166 Resp: 325

Ion	Ratio	Lower	Upper
166	100		
165	103.3	81.4	122.0
167	32.4	13.7	20.5#



Instrument :
BNA_M
ClientSampleId :
BENX6DL

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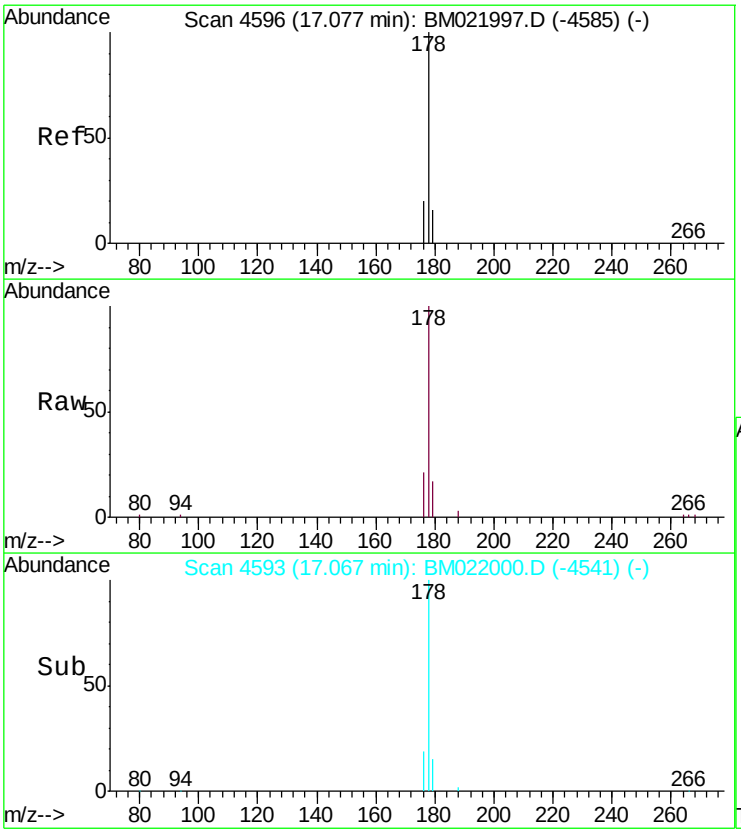
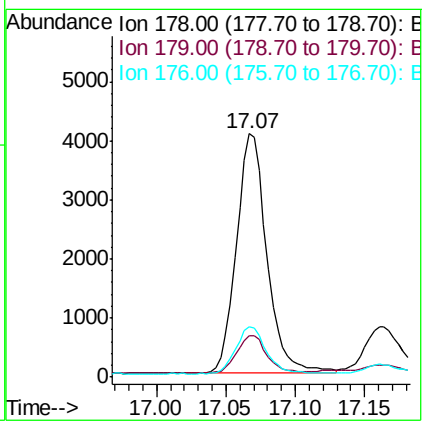
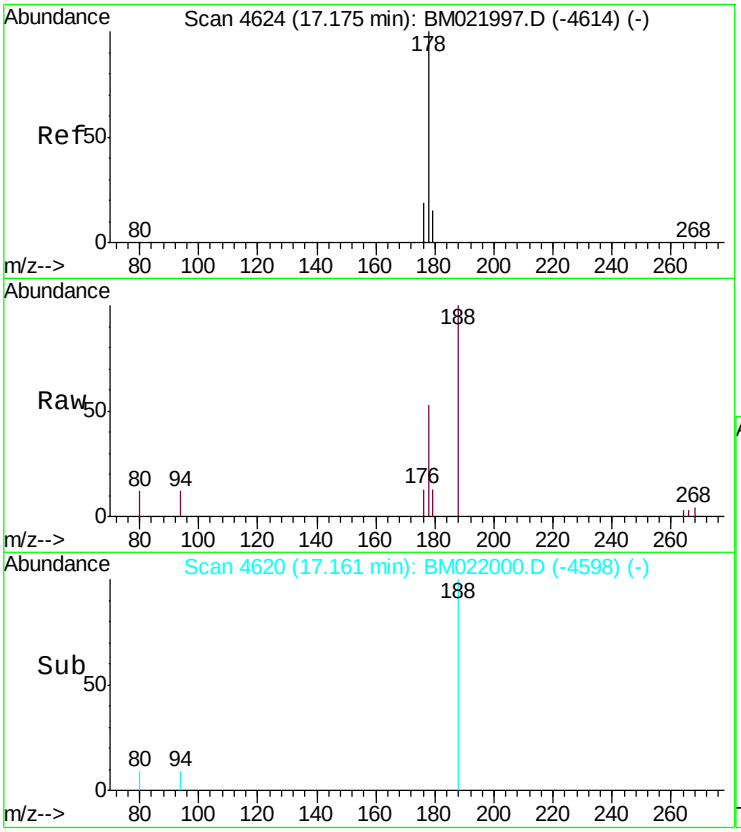


#12
Phenanthrene
Concen: 0.552 ng/ul
RT: 17.07 min Scan# 4593
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:178 Resp: 6242

Ion	Ratio	Lower	Upper
178	100		
179	16.8	14.2	21.2
176	20.6	16.8	25.2

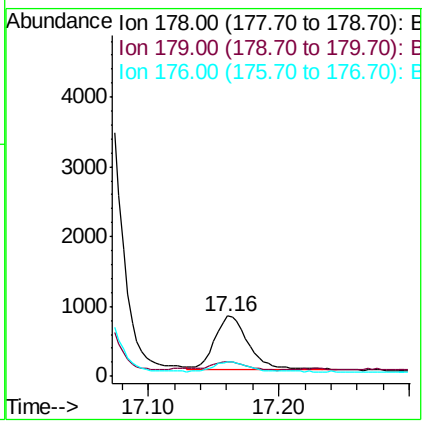




#13
Anthracene
Concen: 0.143 ng/ul
RT: 17.16 min Scan# 4620
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:178 Resp: 1379

Ion	Ratio	Lower	Upper
178	100		
179	24.2	15.5	23.3#
176	25.1	16.6	25.0#



Instrument :
BNA_M
ClientSampleId :
BENX6DL

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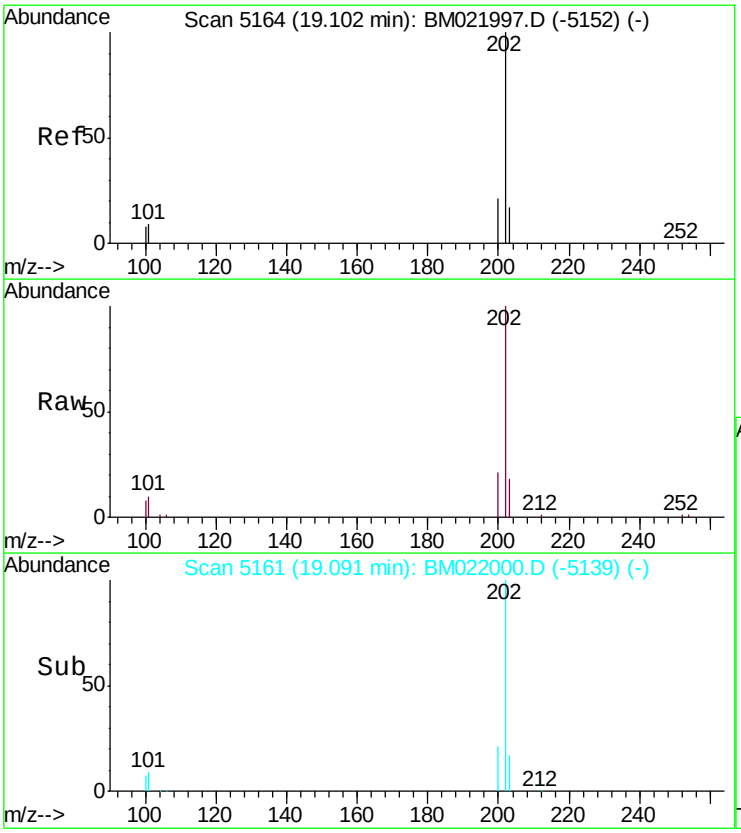
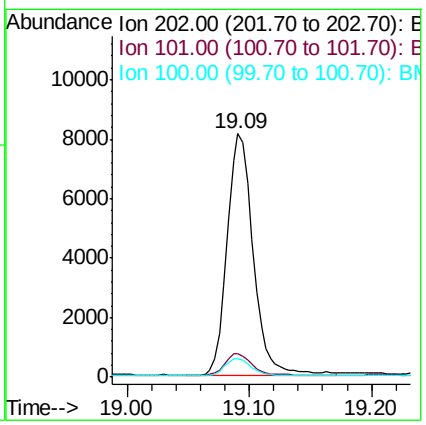
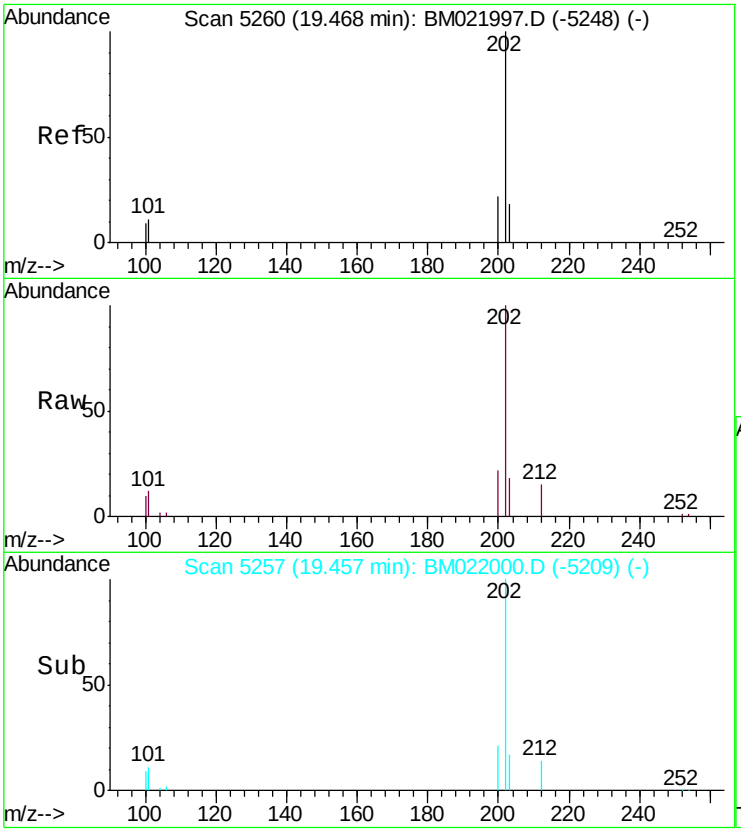


#15
Fluoranthene
Concen: 0.794 ng/ul
RT: 19.09 min Scan# 5161
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:202 Resp: 12026

Ion	Ratio	Lower	Upper
202	100		
101	9.8	0.0	30.2
100	7.6	0.0	28.1

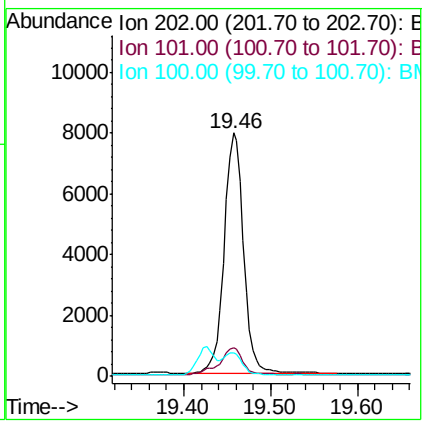




#17
Pyrene
Concen: 0.795 ng/ul
RT: 19.46 min Scan# 5257
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:202 Resp: 12505

Ion	Ratio	Lower	Upper
202	100		
101	11.6	8.3	12.5
100	9.8	7.2	10.8



Instrument :
BNA_M
ClientSampleId :
BENX6DL

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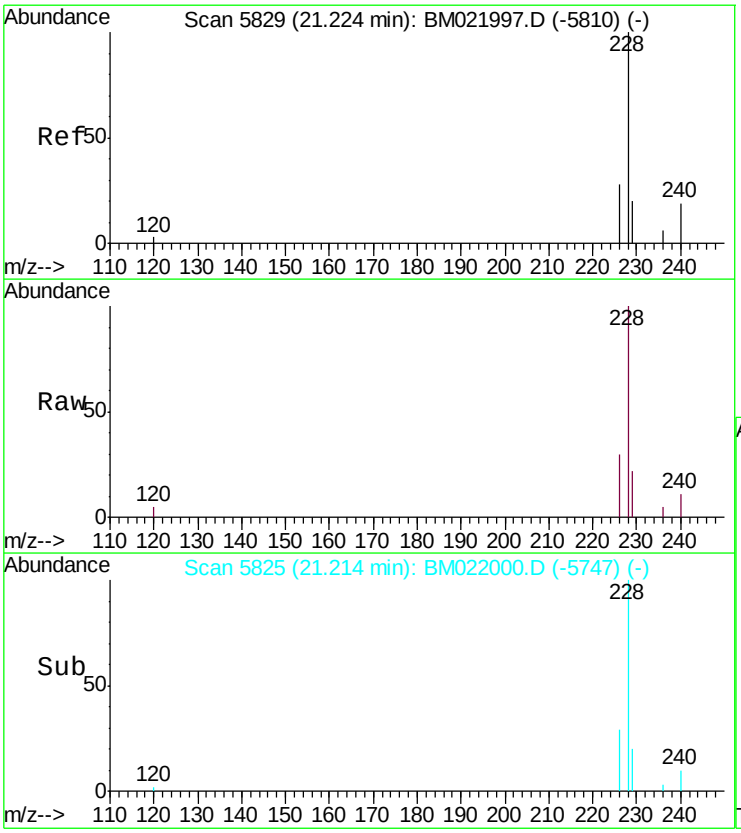
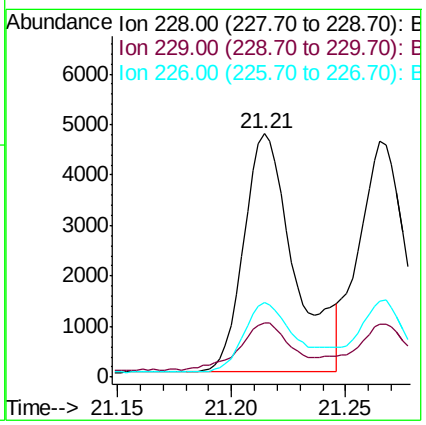
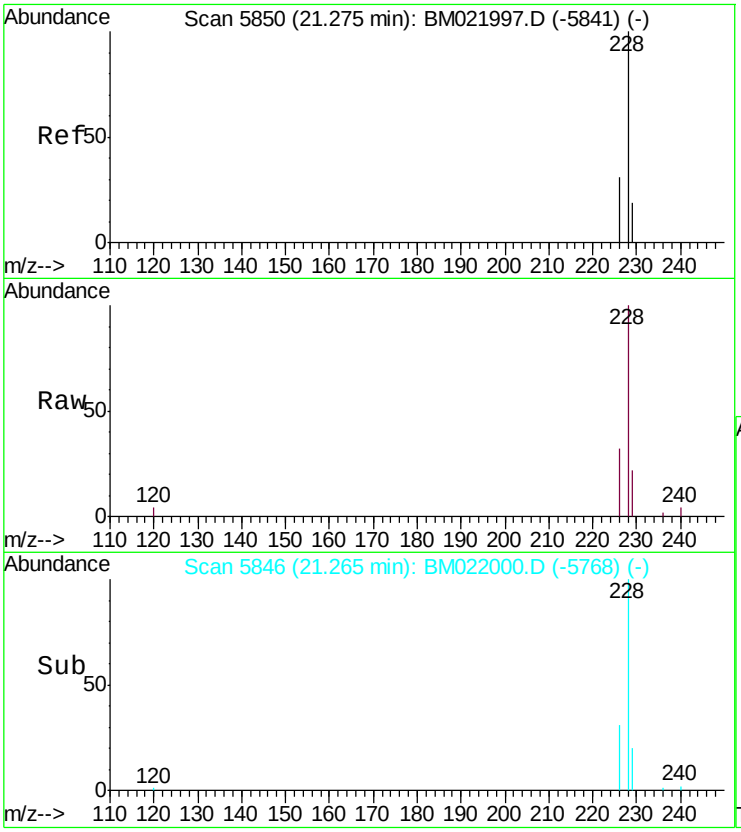


#18
Benzo(a)anthracene
Concen: 0.525 ng/ul
RT: 21.21 min Scan# 5825
Delta R.T. -0.01 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:228 Resp: 7192

Ion	Ratio	Lower	Upper
228	100		
229	22.4	17.2	25.8
226	30.5	22.6	34.0





#19
Chrysene
Concen: 0.386 ng/ul
RT: 21.27 min Scan# 5846
Delta R.T. -0.01 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:228 Resp: 6801

Ion	Ratio	Lower	Upper
228	100		
226	32.4	24.9	37.3
229	22.3	16.6	25.0

Instrument :
BNA_M
ClientSampleId :
BENX6DL

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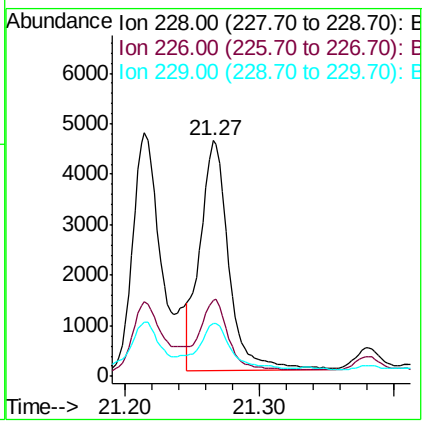
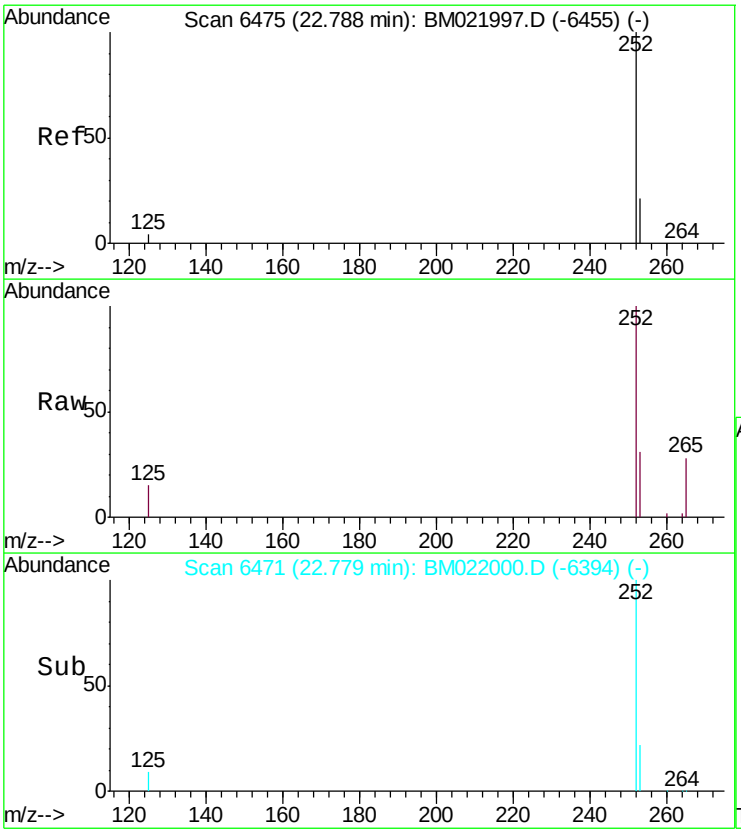
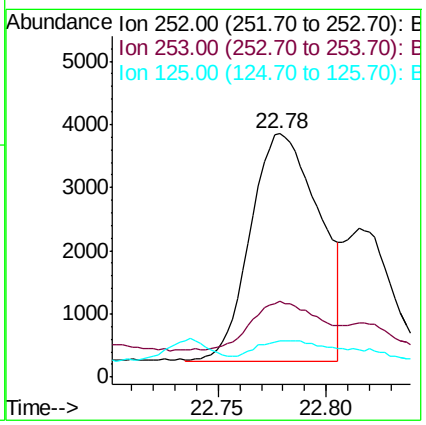


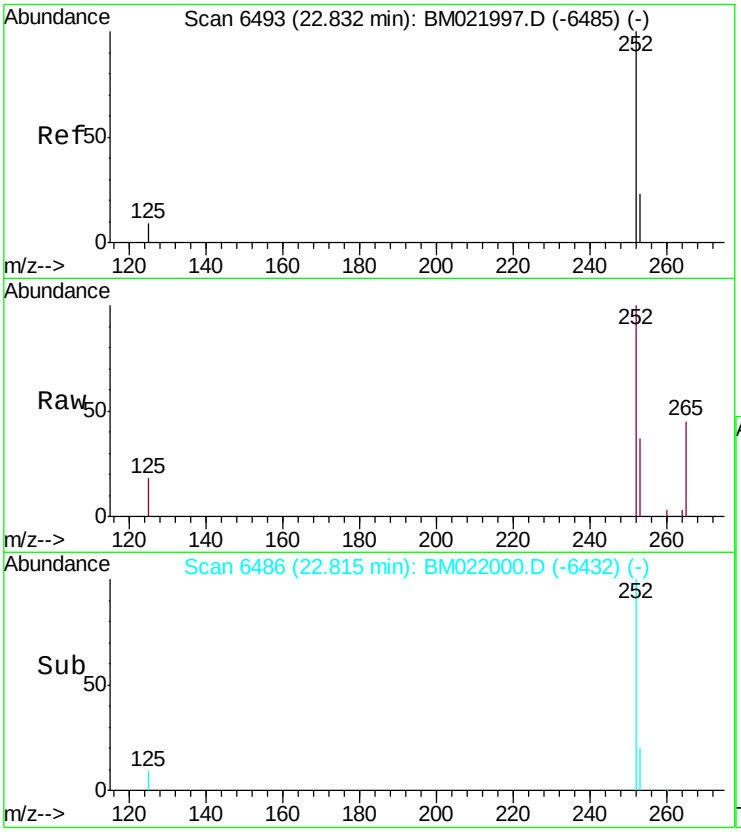


#21
Benzo(b)fluoranthene
Concen: 0.567 ng/ul m
RT: 22.78 min Scan# 6471
Delta R.T. -0.01 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:252 Resp: 7974

Ion	Ratio	Lower	Upper
252	100		
253	30.9	0.0	67.4
125	14.9	0.0	31.0

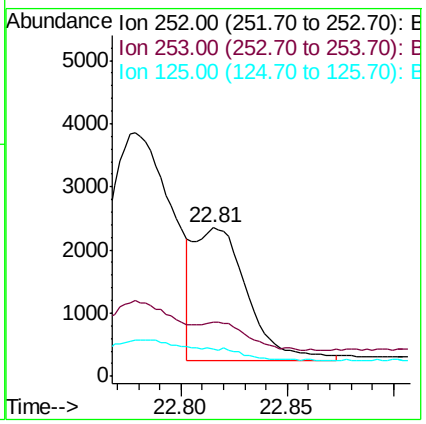




#22
Benzo(k)fluoranthene
Concen: 0.230 ng/ul m
RT: 22.81 min Scan# 6486
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:252 Resp: 3653

Ion	Ratio	Lower	Upper
252	100		
253	36.5	27.0	40.4
125	18.2	12.2	18.2



Instrument :
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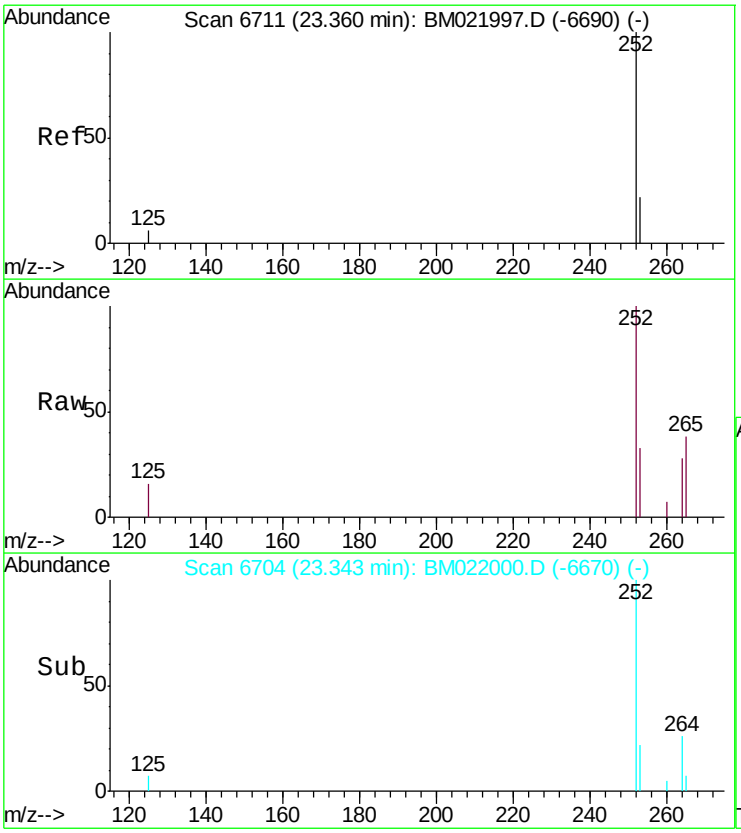
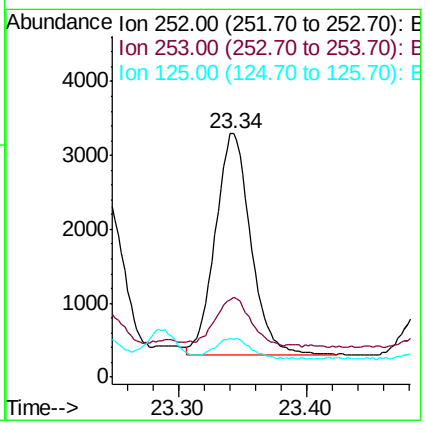
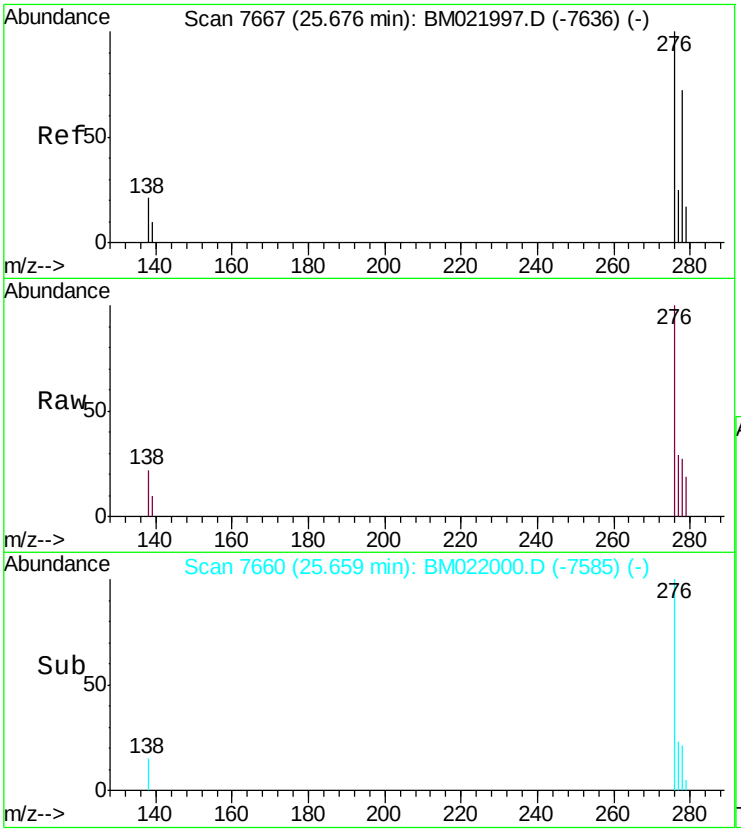


#23
Benzo(a)pyrene
Concen: 0.402 ng/ul
RT: 23.34 min Scan# 6704
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:252 Resp: 5751

Ion	Ratio	Lower	Upper
252	100		
253	32.5	31.7	47.5
125	15.6	14.6	21.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.214 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Instrument :
BNA_M
ClientSampleId :
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Manual Integrations APPROVED
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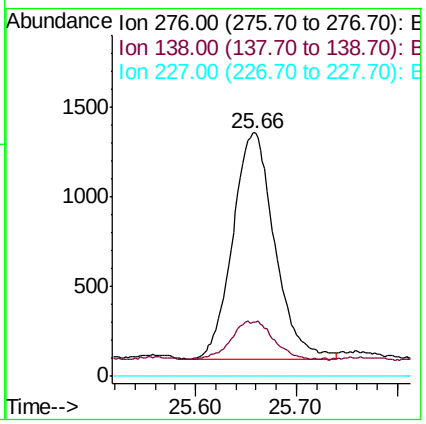
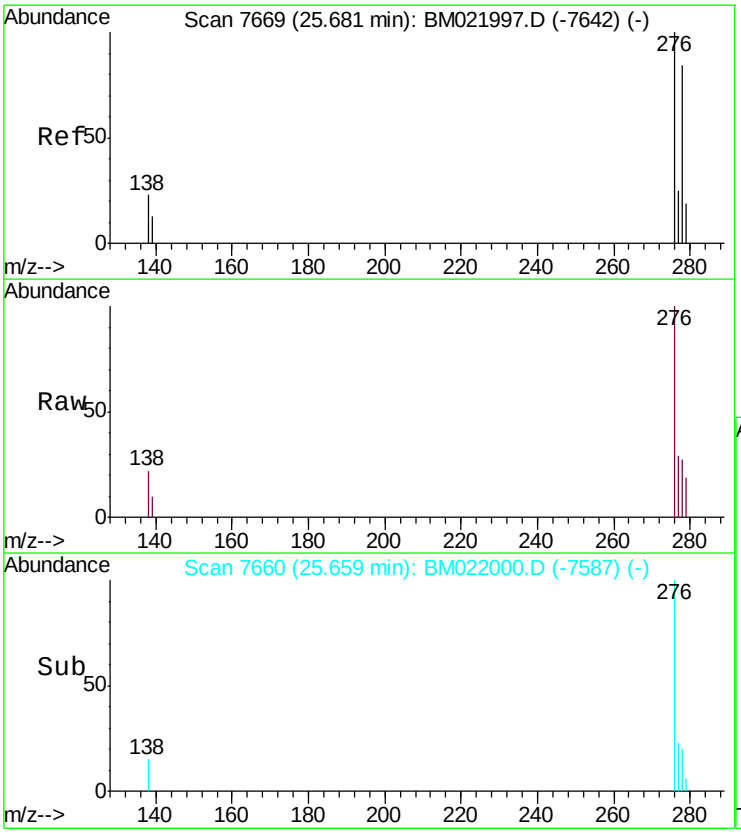
Tgt Ion:276 Resp: 3657

Ion	Ratio	Lower	Upper
276	100		
138	17.4	15.1	22.7
227	0.0	0.0	0.0

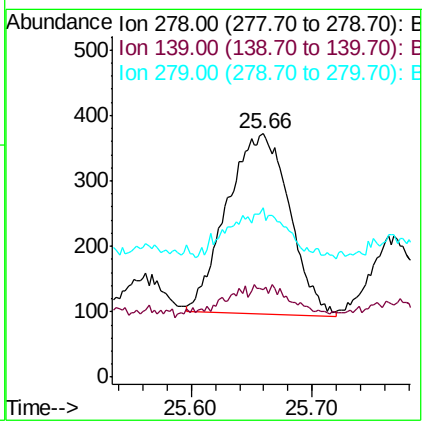


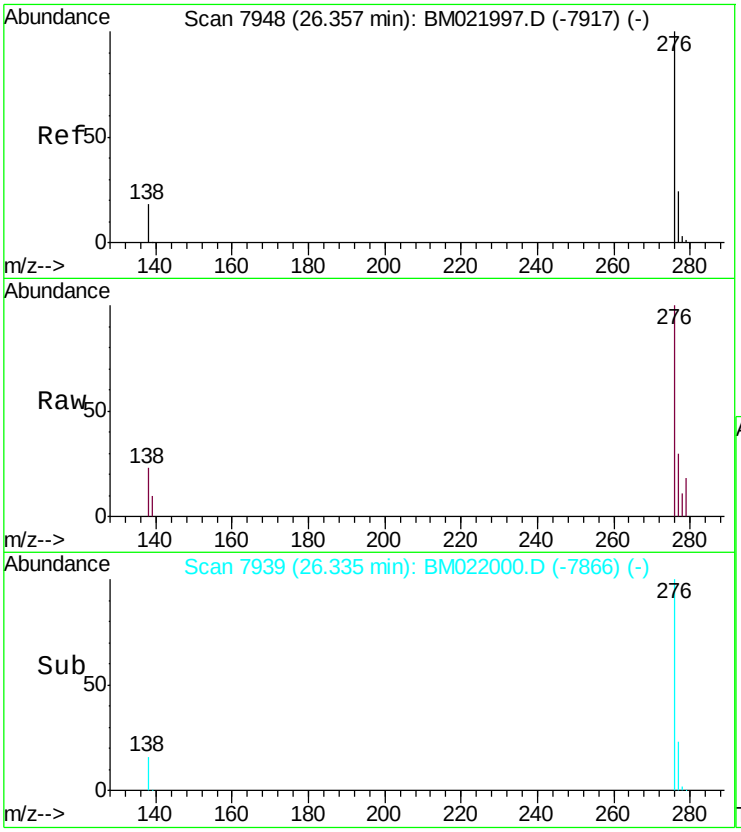


#25
Dibenzo(a,h)anthracene
Concen: 0.072 ng/ul
RT: 25.66 min Scan# 7660
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:278 Resp: 992

Ion	Ratio	Lower	Upper
278	100		
139	35.8	14.2	21.2#
279	69.4	28.3	42.5#

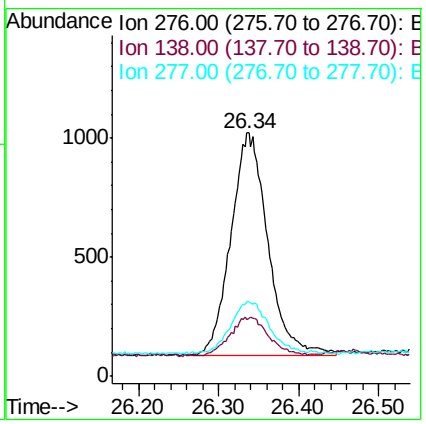




#26
Benzo(g,h,i)perylene
Concen: 0.197 ng/ul
RT: 26.34 min Scan# 7939
Delta R.T. -0.02 min
Lab File: BM022000.D
Acq: 10 Aug 2019 17:04

Tgt Ion:276 Resp: 3023

Ion	Ratio	Lower	Upper
276	100		
138	23.5	15.5	23.3#
277	30.4	21.4	32.2



Instrument :
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ClientSampleId :
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