Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008427.D
Acq On : 25 Oct 2019 15:15
Operator : JU
Sample : K5236-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEPM8

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Quant Time: Oct 25 15:48:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1725	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	8863	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5745	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12659	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10647	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	10632	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1812	0.12	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	5873	0.13	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	1508	0.055	ng/ul#	88
8) Acenaphthene	14.27	153	455	0.021	ng/ul#	93
9) Fluorene	15.26	166	630	0.026	ng/ul#	96
12) Phenanthrene	17.00	178	12812	0.346	ng/ul	99
13) Anthracene	17.09	178	2439	0.075	ng/ul#	91
15) Fluoranthene	19.02	202	31309	0.640	ng/ul	96
17) Pyrene	19.39	202	31300	0.738	ng/ul	99
18) Benzo(a)anthracene	21.15	228	14472	0.374	ng/ul	95
19) Chrysene	21.20	228	16351	0.344	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	16922m	0.489	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	6127m	0.156	ng/ul	
23) Benzo(a)pyrene	23.24	252	11613	0.319	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.49	276	7187	0.168	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.49	278	1581	0.047	ng/ul#	47
26) Benzo(g,h,i)perylene	26.14	276	7002	0.178	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008427.D
Acq On : 25 Oct 2019 15:15
Operator : JU
Sample : K5236-16
Misc :
ALS Vial : 49 Sample Multiplier: 1

Quant Time: Oct 25 15:48:02 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 25 13:14:06 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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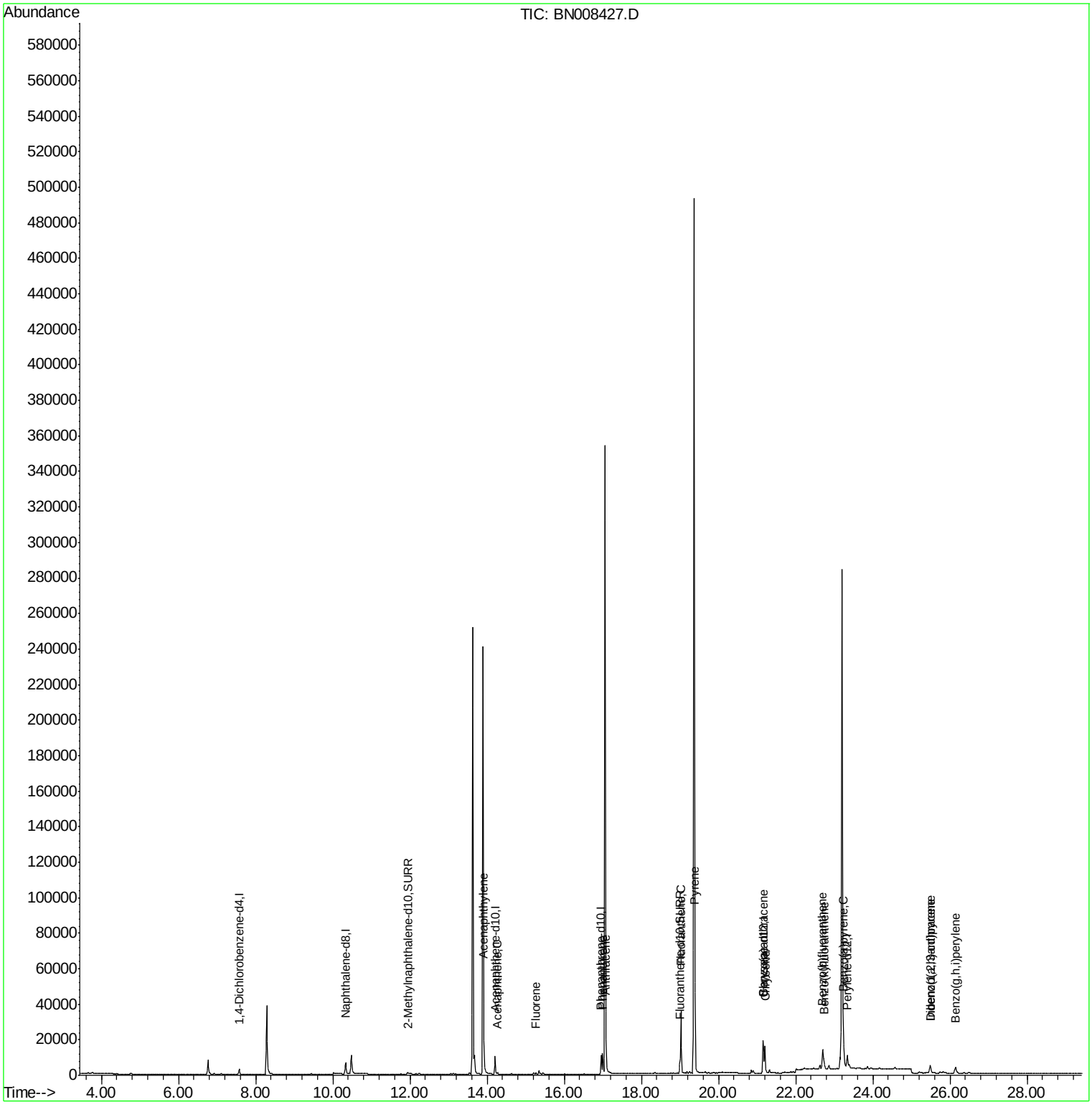

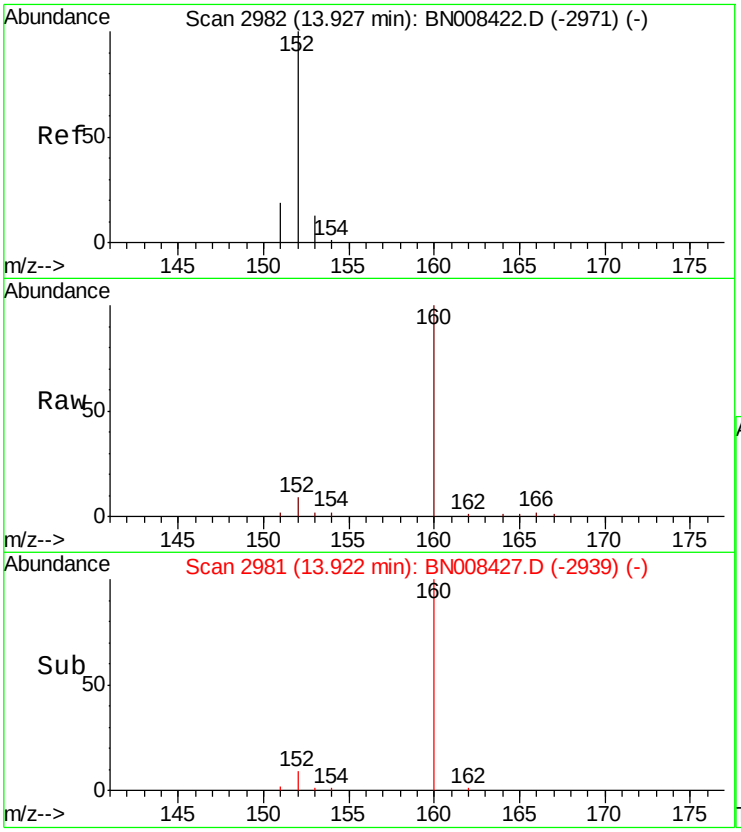

#7
Acenaphthylene
Concen: 0.055 ng/ul
RT: 13.92 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:152 Resp: 1508

Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.2	24.4#
153	19.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
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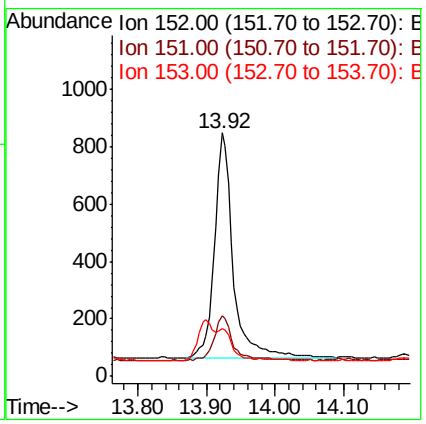
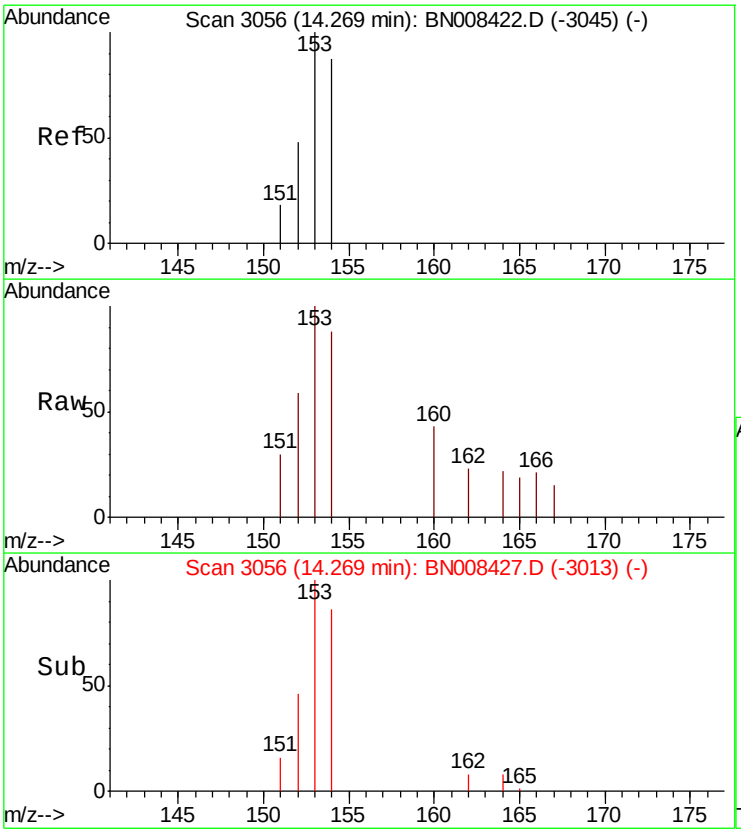
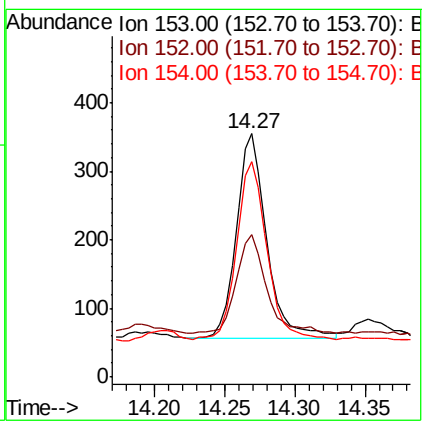


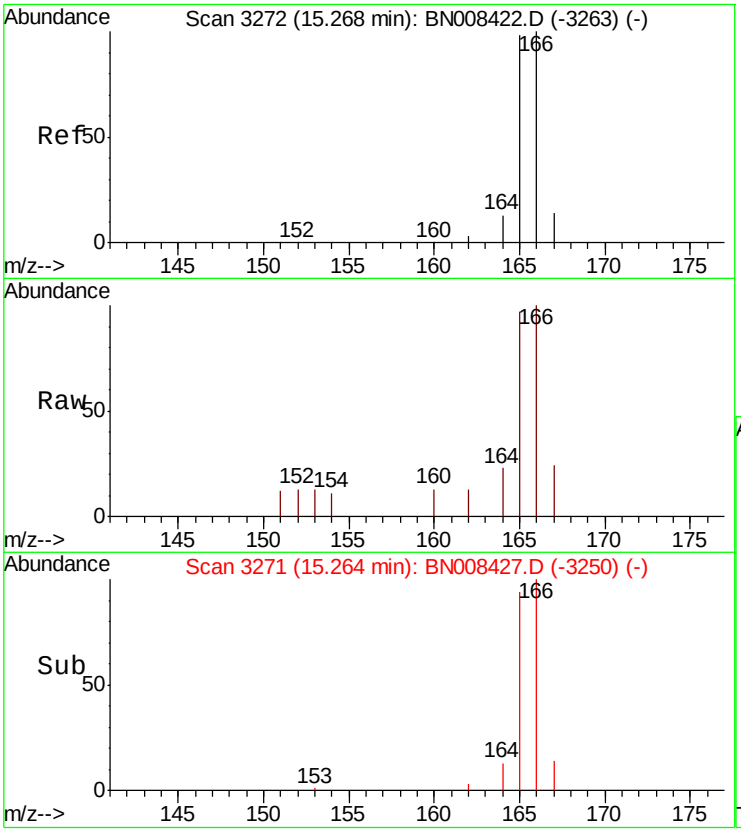


#8
Acenaphthene
Concen: 0.021 ng/ul
RT: 14.27 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:153 Resp: 455

Ion	Ratio	Lower	Upper
153	100		
152	58.6	38.2	57.2#
154	88.5	71.8	107.8

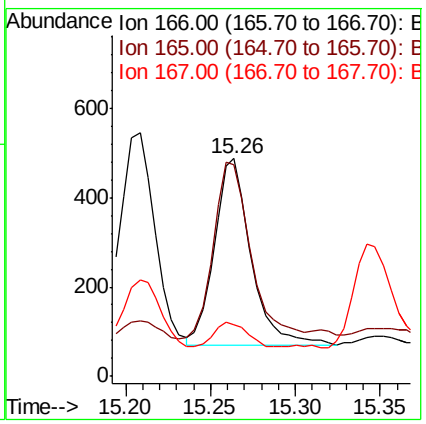




#9
Fluorene
Concen: 0.026 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:166 Resp: 630

Ion	Ratio	Lower	Upper
166	100		
165	96.9	76.6	115.0
167	24.0	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
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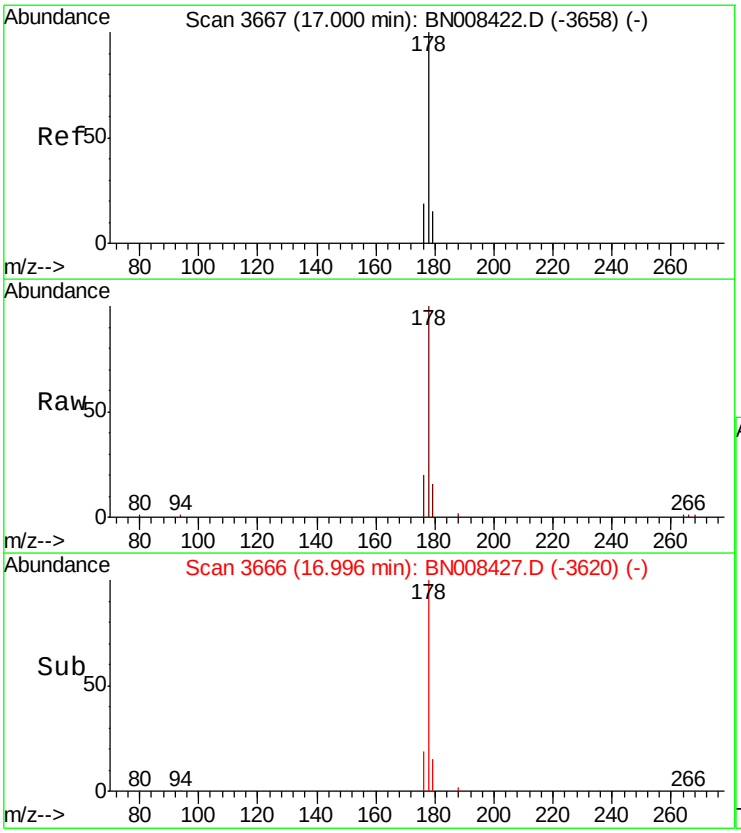
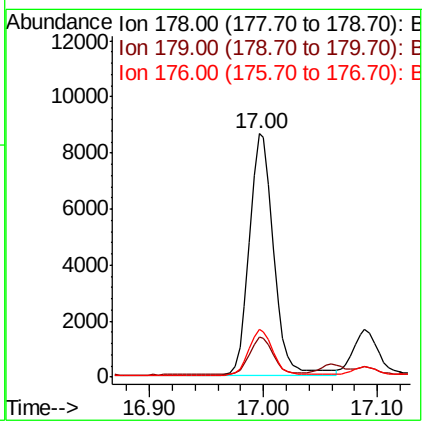
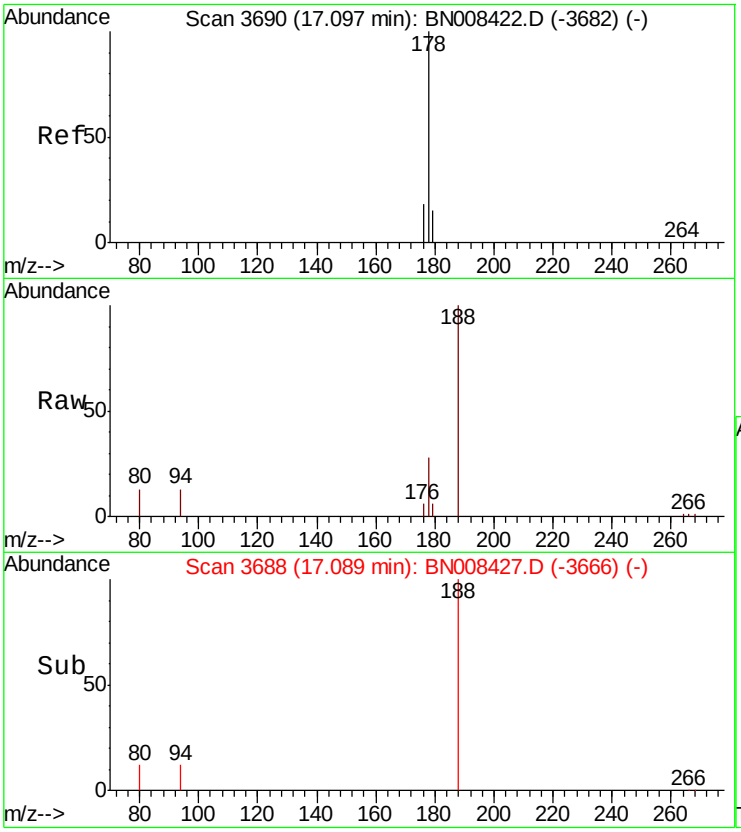


#12
Phenanthrene
Concen: 0.346 ng/ul
RT: 17.00 min Scan# 3666
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:178 Resp: 12812

Ion	Ratio	Lower	Upper
178	100		
179	16.2	12.8	19.2
176	19.7	15.4	23.2





#13
Anthracene
Concen: 0.075 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:178 Resp: 2439

Ion	Ratio	Lower	Upper
178	100		
179	21.4	13.0	19.6#
176	21.5	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEPM8

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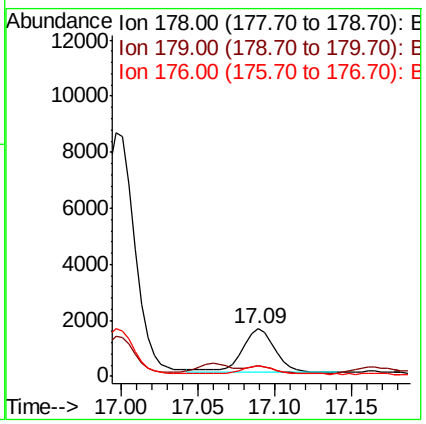
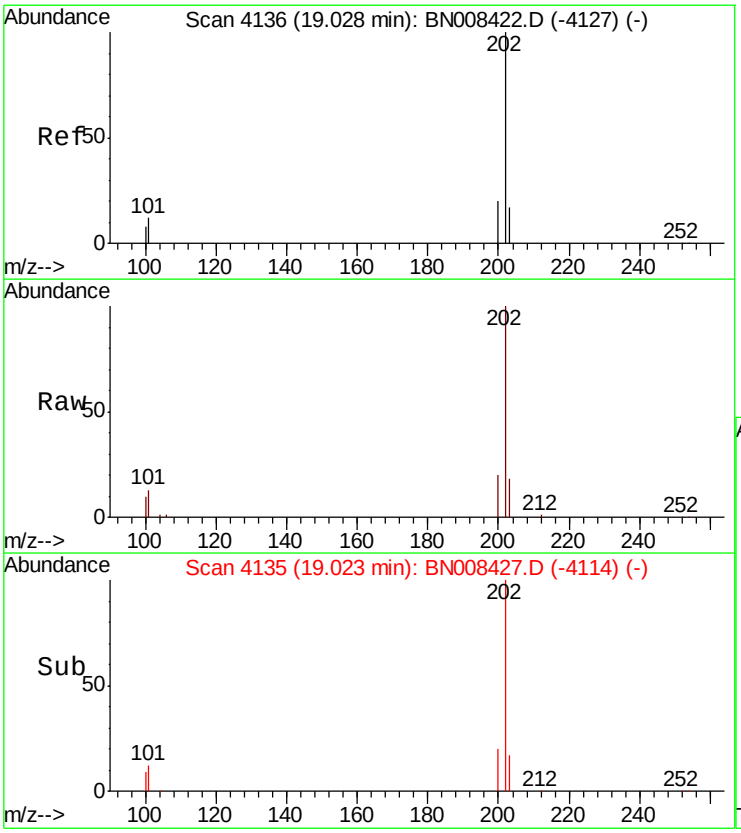
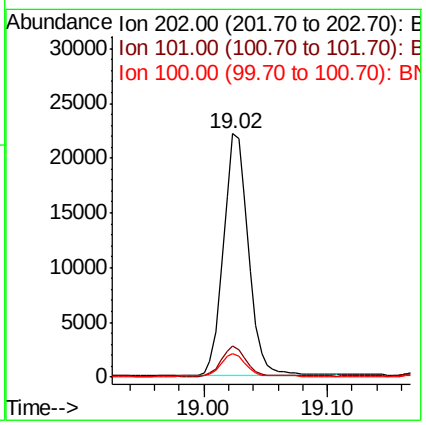


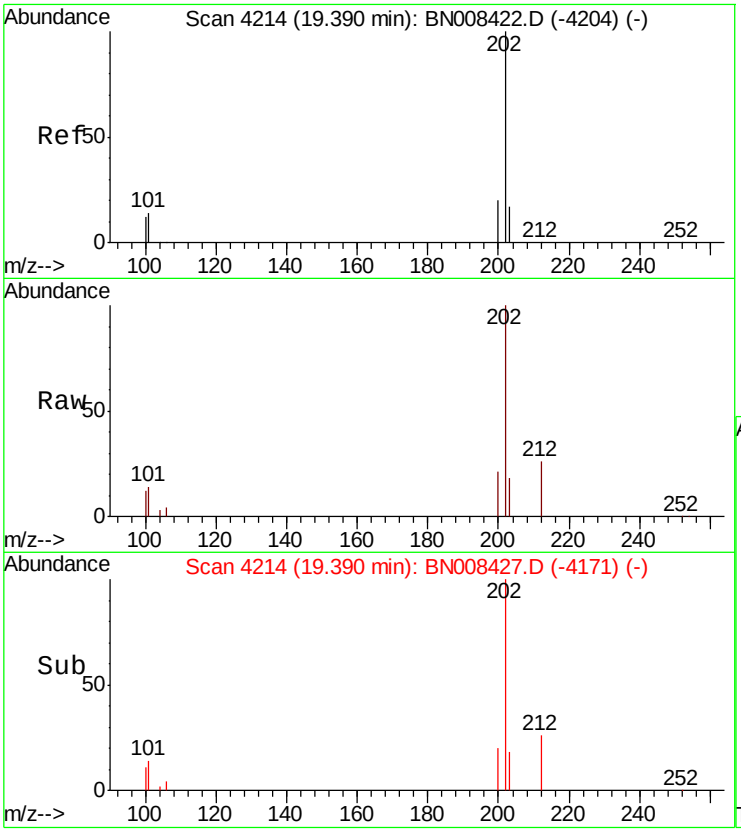


#15
Fluoranthene
Concen: 0.640 ng/ul
RT: 19.02 min Scan# 4135
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:202 Resp: 31309

Ion	Ratio	Lower	Upper
202	100		
101	12.8	0.0	31.2
100	9.8	0.0	28.5





#17
Pyrene
Concen: 0.738 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:202 Resp: 31300

Ion	Ratio	Lower	Upper
202	100		
101	14.0	10.9	16.3
100	11.7	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
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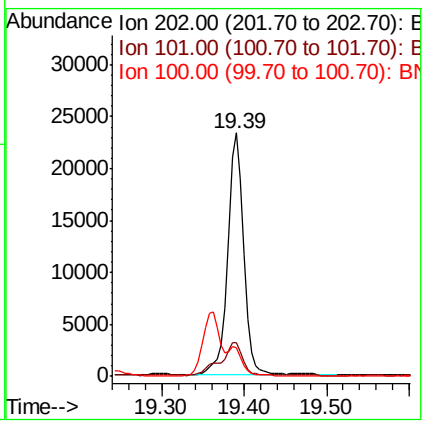
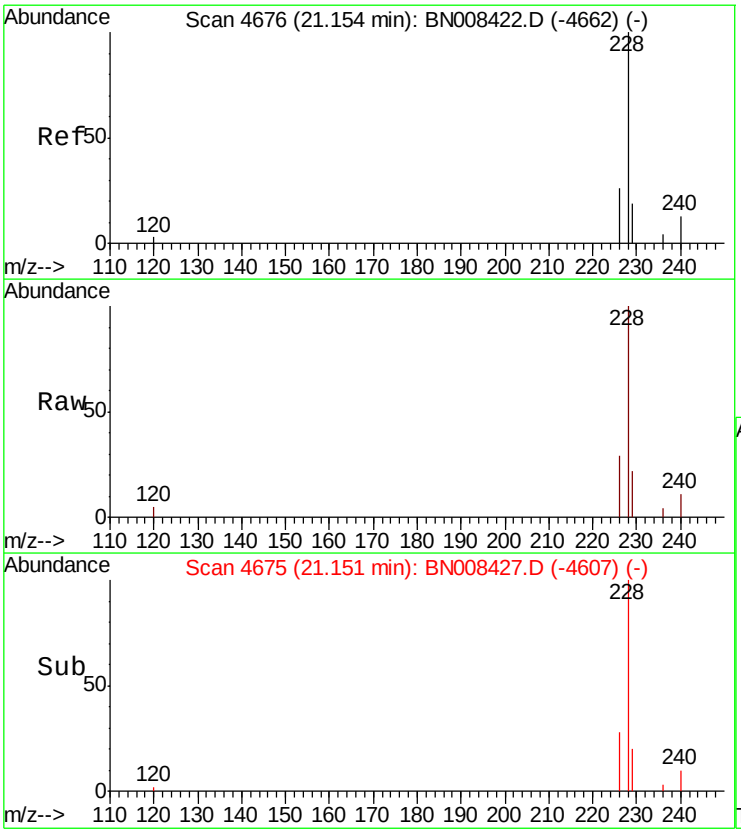
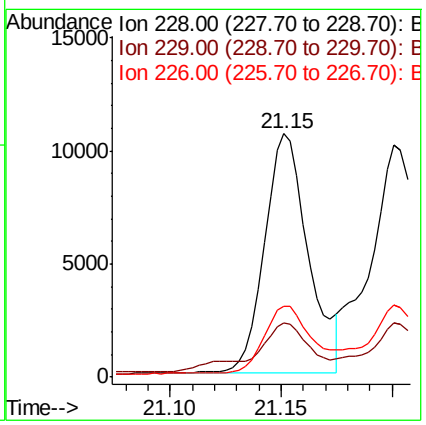


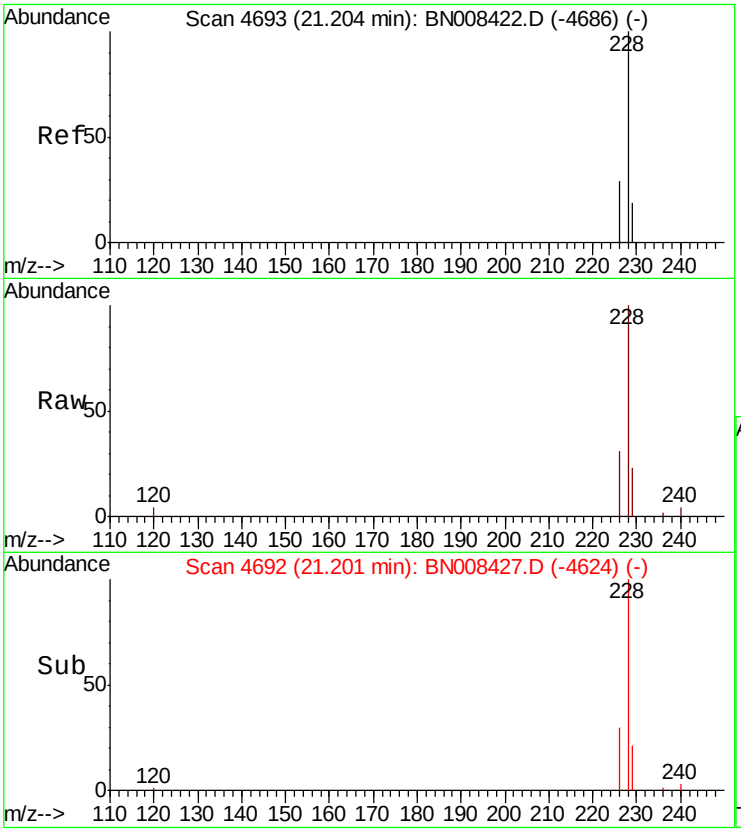


#18
Benzo(a)anthracene
Concen: 0.374 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:228 Resp: 14472

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.2	24.2
226	29.2	21.4	32.0

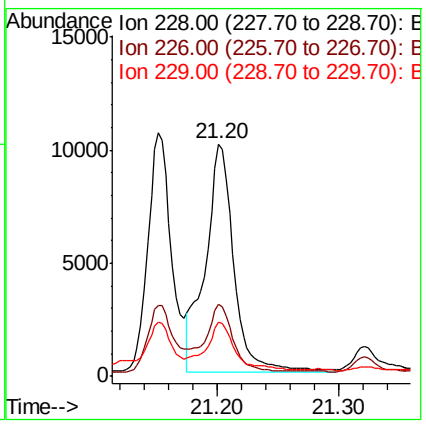




#19
Chrysene
Concen: 0.344 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:228 Resp: 16351

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.1	36.1
229	23.2	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPM8

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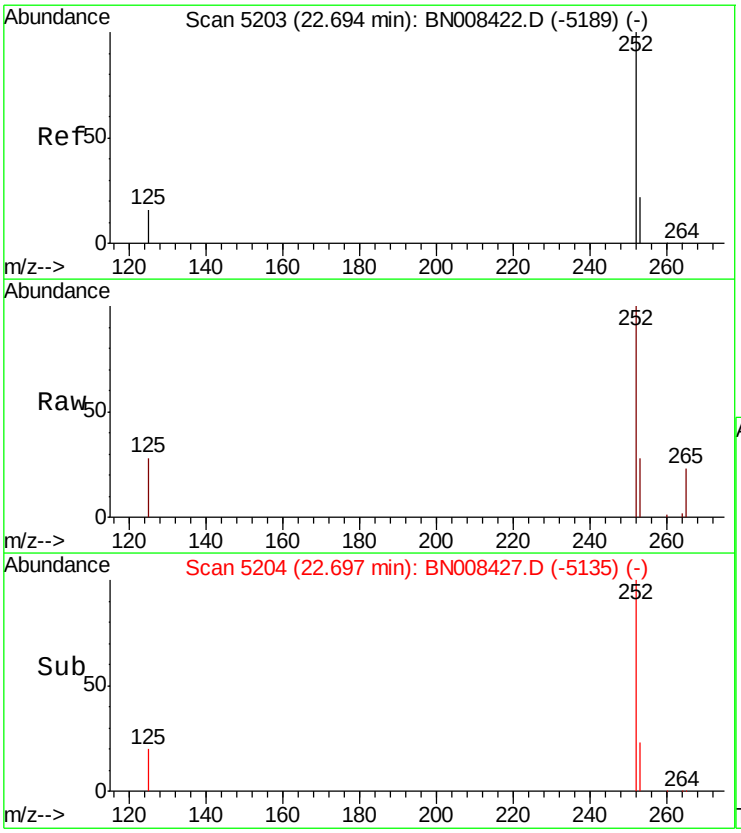
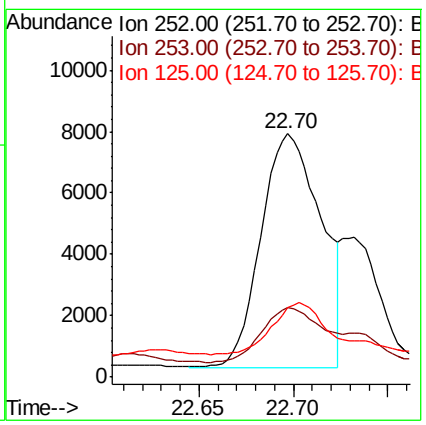
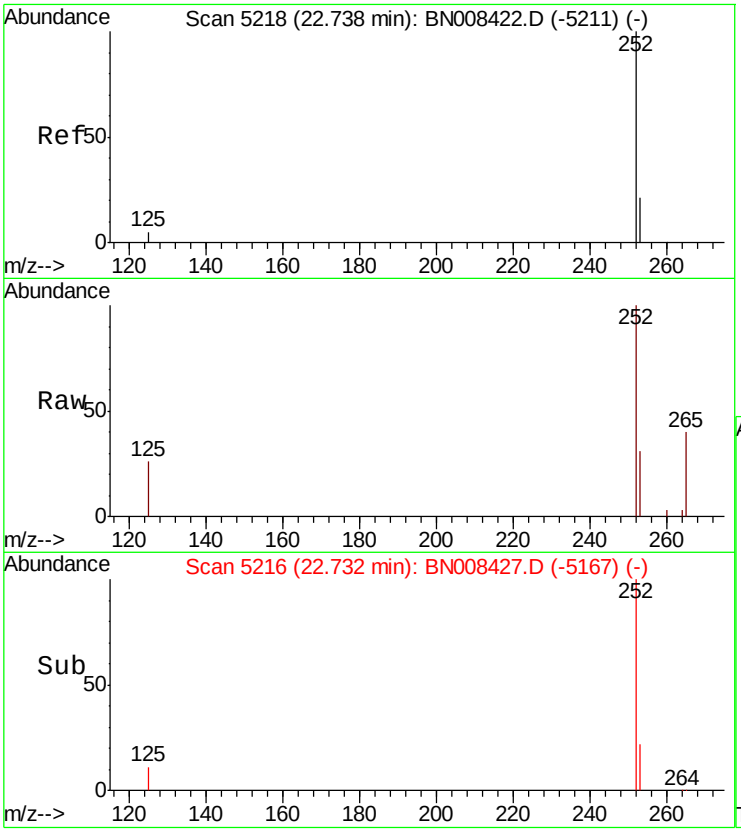


#21
Benzo(b)fluoranthene
Concen: 0.489 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:252 Resp: 16922

Ion	Ratio	Lower	Upper
252	100		
253	28.4	0.0	53.4
125	28.4	0.0	32.4

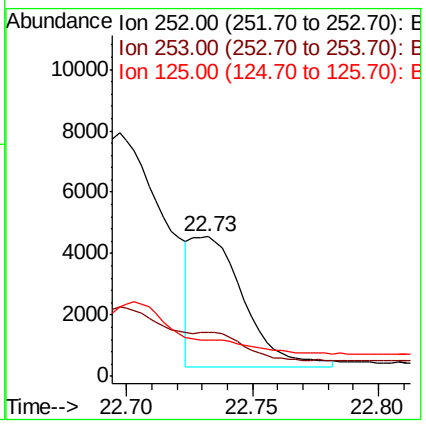




#22
Benzo(k)fluoranthene
Concen: 0.156 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:252 Resp: 6127

Ion	Ratio	Lower	Upper
252	100		
253	31.5	21.3	31.9
125	25.8	12.3	18.5#



Instrument :
BNA_N
ClientSampleId :
BEPM8

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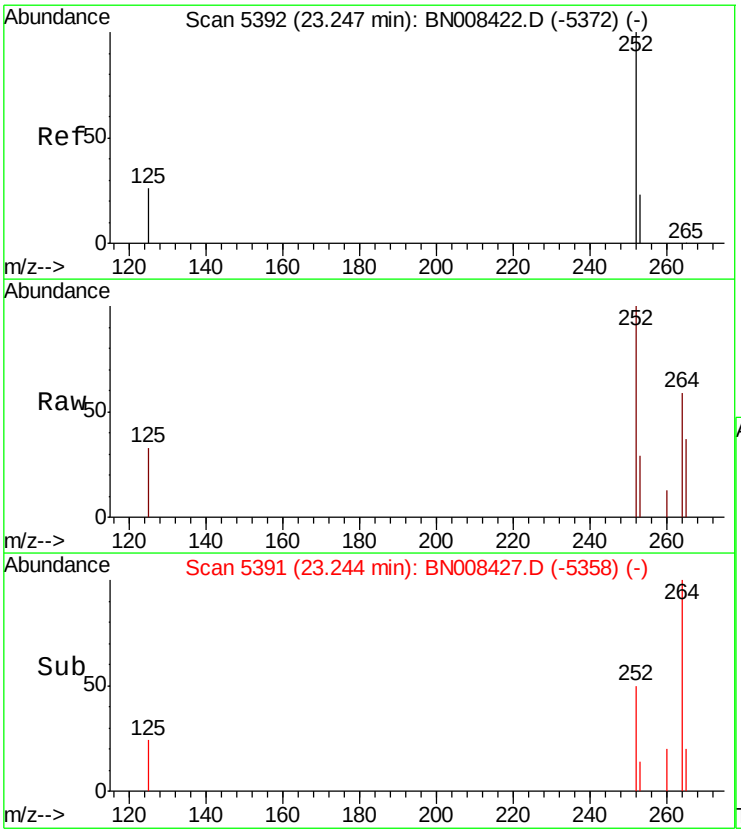
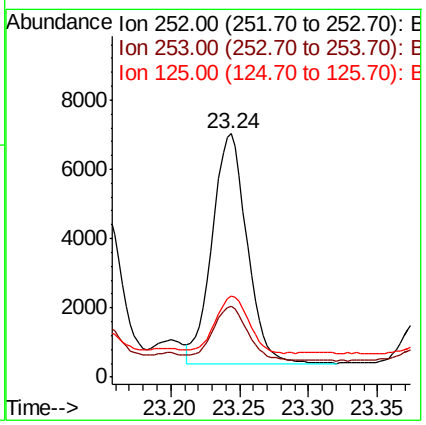
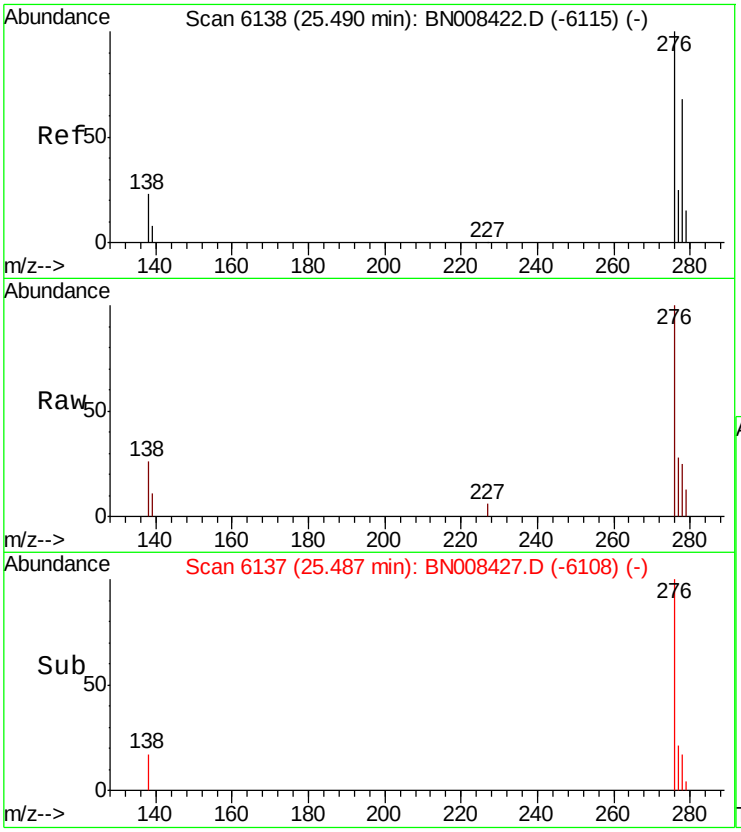


#23
Benzo(a)pyrene
Concen: 0.319 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:252 Resp: 11613

Ion	Ratio	Lower	Upper
252	100		
253	28.9	22.8	34.2
125	33.1	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.168 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:276 Resp: 7187

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPM8

Manual Integrations APPROVED
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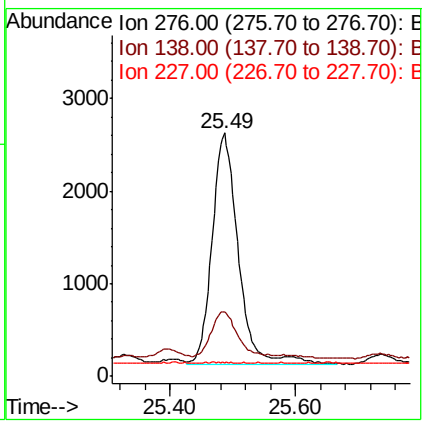
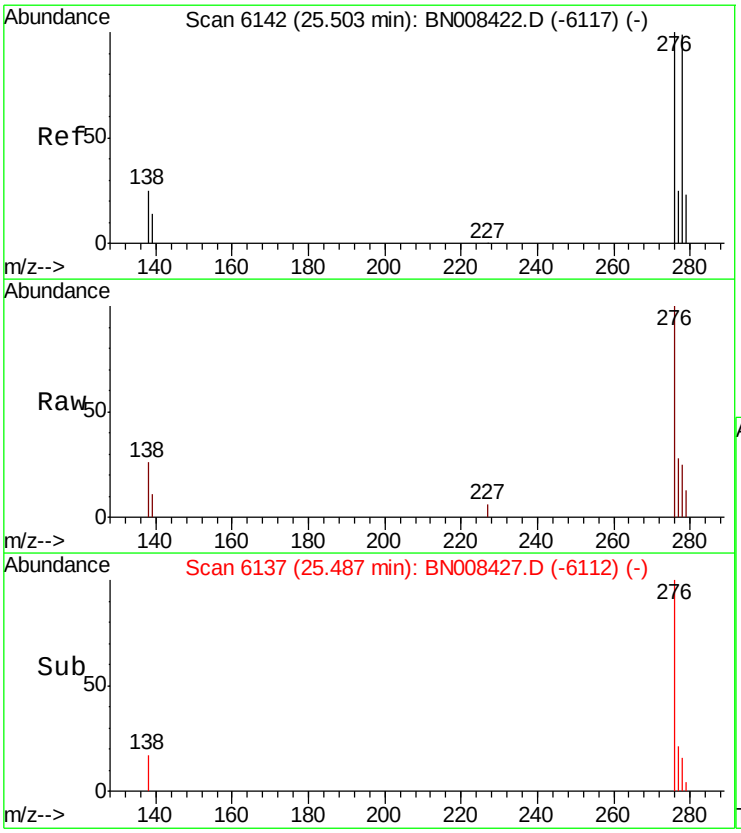
10/25/2019 9:29:09 PM

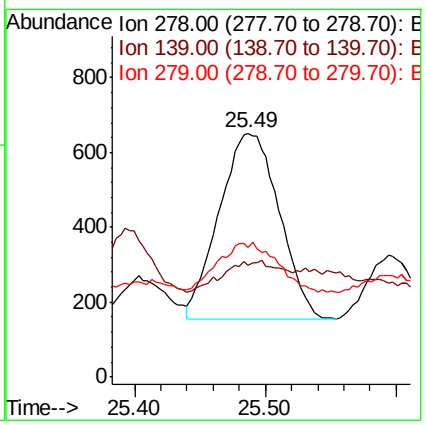


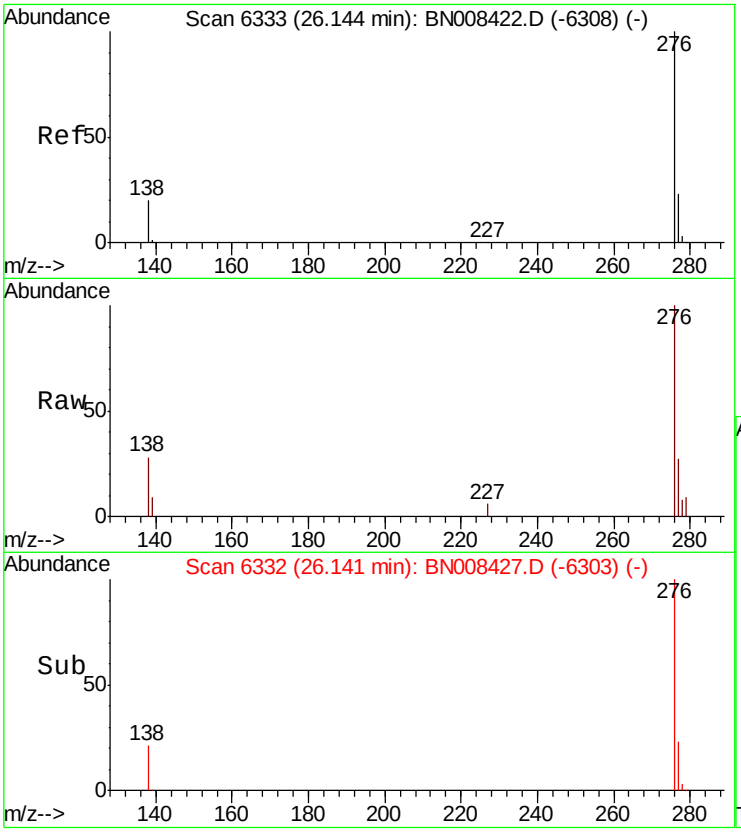


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.02 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:278 Resp: 1581

Ion	Ratio	Lower	Upper
278	100		
139	45.9	15.0	22.6#
279	53.5	22.4	33.6#

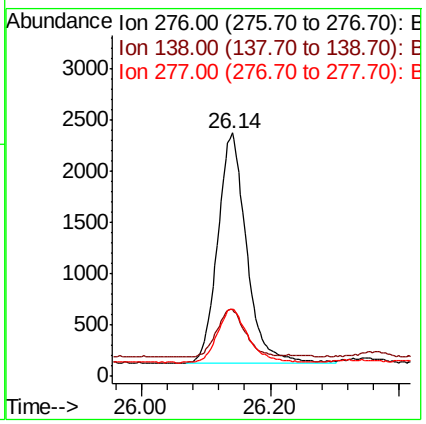




#26
Benzo(g,h,i)perylene
Concen: 0.178 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.00 min
Lab File: BN008427.D
Acq: 25 Oct 2019 15:15

Tgt Ion:276 Resp: 7002

Ion	Ratio	Lower	Upper
276	100		
138	27.6	17.0	25.4#
277	27.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPM8

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