Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008423.D
Acq On : 25 Oct 2019 12:52
Operator : JU
Sample : K5236-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPM7

Manual Integrations APPROVED
mohammad
10/25/2019 9:28:53 PM

Quant Time: Oct 25 13:29:22 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 13:14:22 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	2014	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	10020	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6253	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13673	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11821	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	9847	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.93	152	3207	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	10115	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	2049	0.072	ng/ul#	92
5) 2-Methylnaphthalene	12.01	142	1028	0.053	ng/ul	99
7) Acenaphthylene	13.92	152	7343	0.247	ng/ul	98
8) Acenaphthene	14.27	153	4210	0.182	ng/ul	99
9) Fluorene	15.26	166	5289	0.201	ng/ul	98
12) Phenanthrene	17.00	178	140423	3.508	ng/ul	99
13) Anthracene	17.09	178	22125	0.628	ng/ul	100
15) Fluoranthene	19.02	202	436789	8.261	ng/ul	97
17) Pyrene	19.39	202	370177	7.865	ng/ul	100
18) Benzo(a)anthracene	21.15	228	173697	4.042	ng/ul	98
19) Chrysene	21.20	228	212893	4.036	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	269740m	8.415	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	86597m	2.385	ng/ul	
23) Benzo(a)pyrene	23.24	252	155397m	4.607	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.48	276	110046	2.770	ng/ul	100
25) Dibenzo(a,h)anthracene	25.49	278	24958	0.795	ng/ul	98
26) Benzo(g,h,i)perylene	26.14	276	109751	3.013	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008423.D
Acq On : 25 Oct 2019 12:52
Operator : JU
Sample : K5236-15
Misc :
ALS Vial : 45 Sample Multiplier: 1

Quant Time: Oct 25 13:29:22 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 13:14:22 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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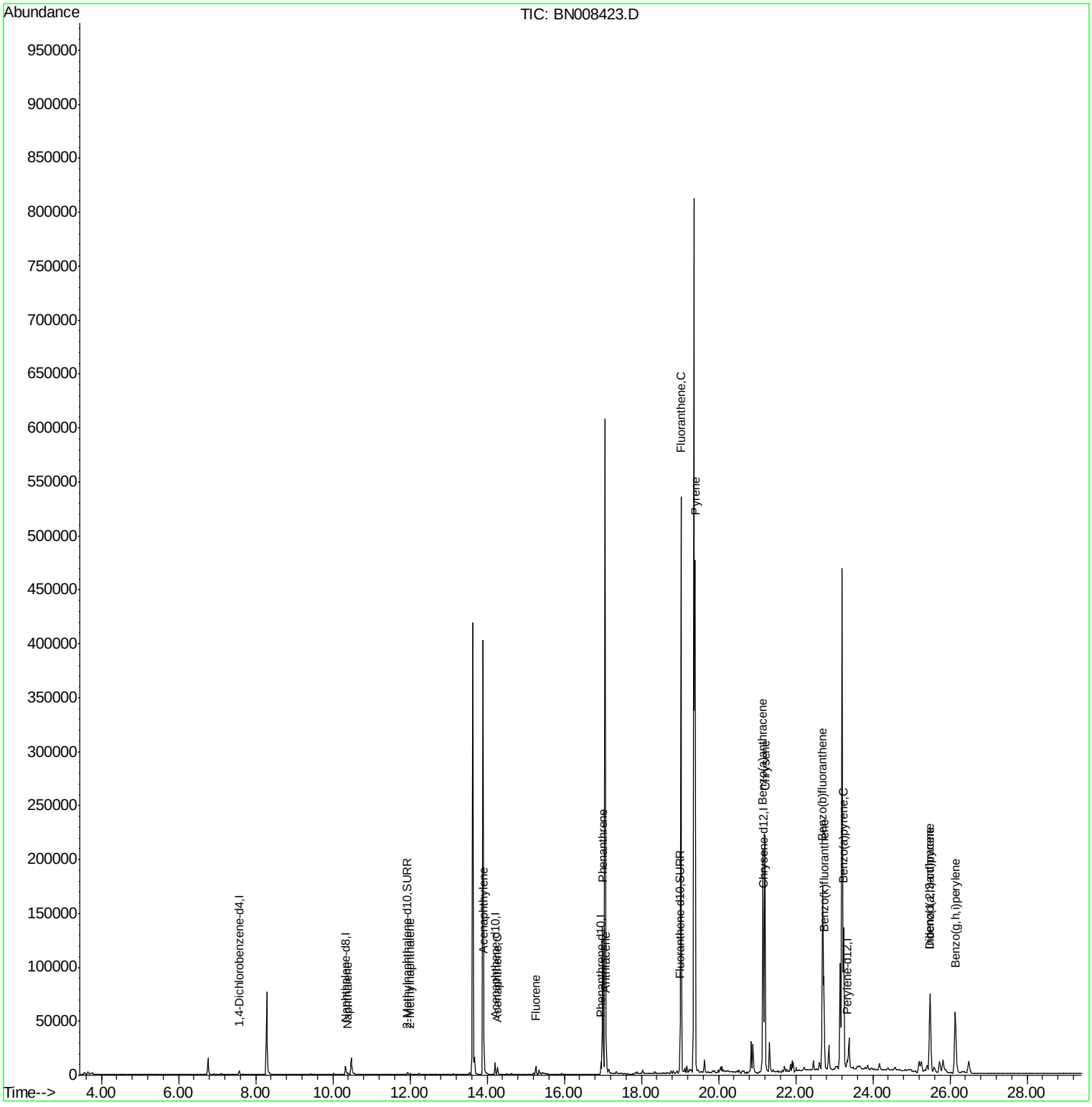

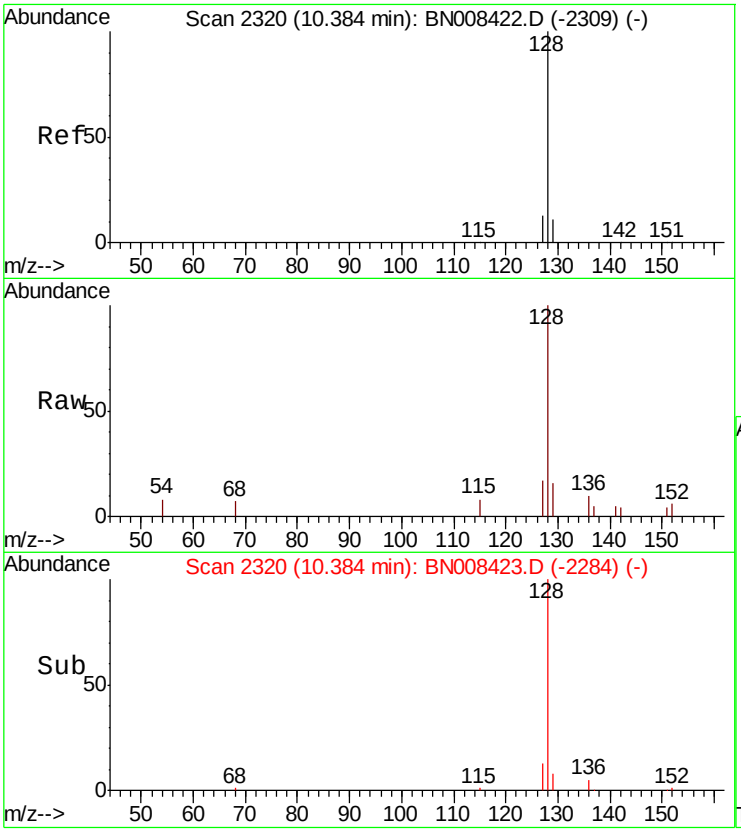

#3
Naphthalene
Concen: 0.072 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. 0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:128 Resp: 2049

Ion	Ratio	Lower	Upper
128	100		
129	16.0	9.8	14.8#
127	16.5	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
BEPM7

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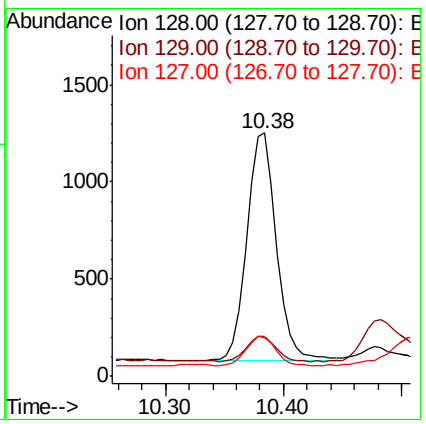
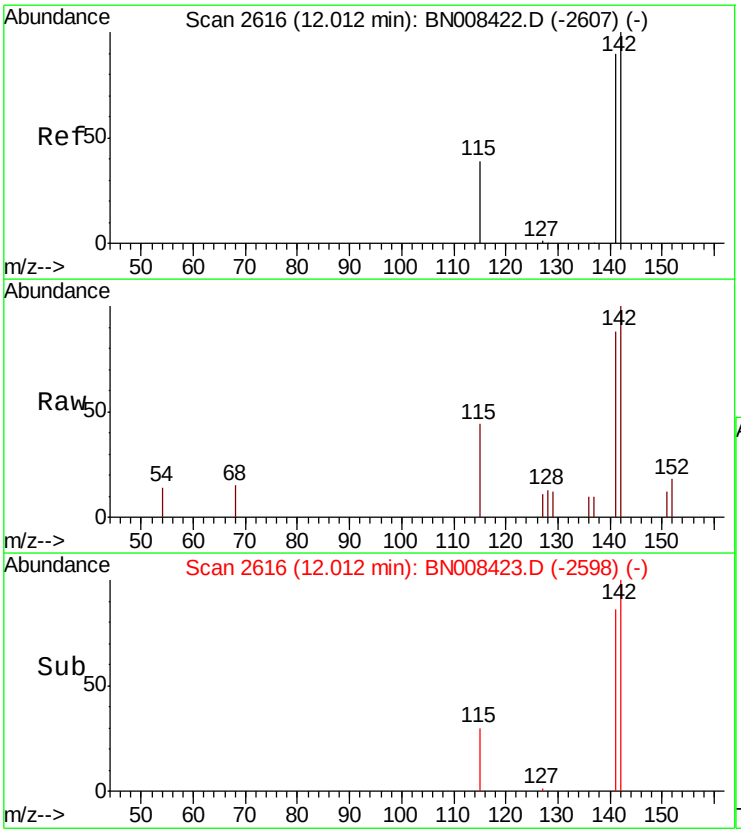
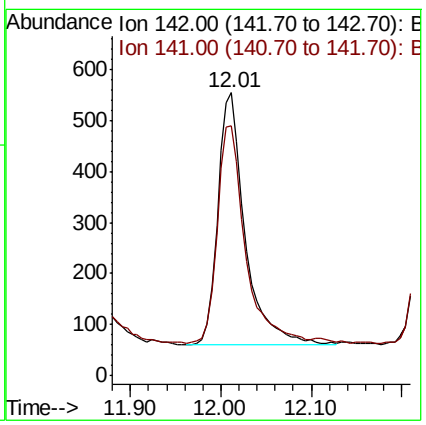


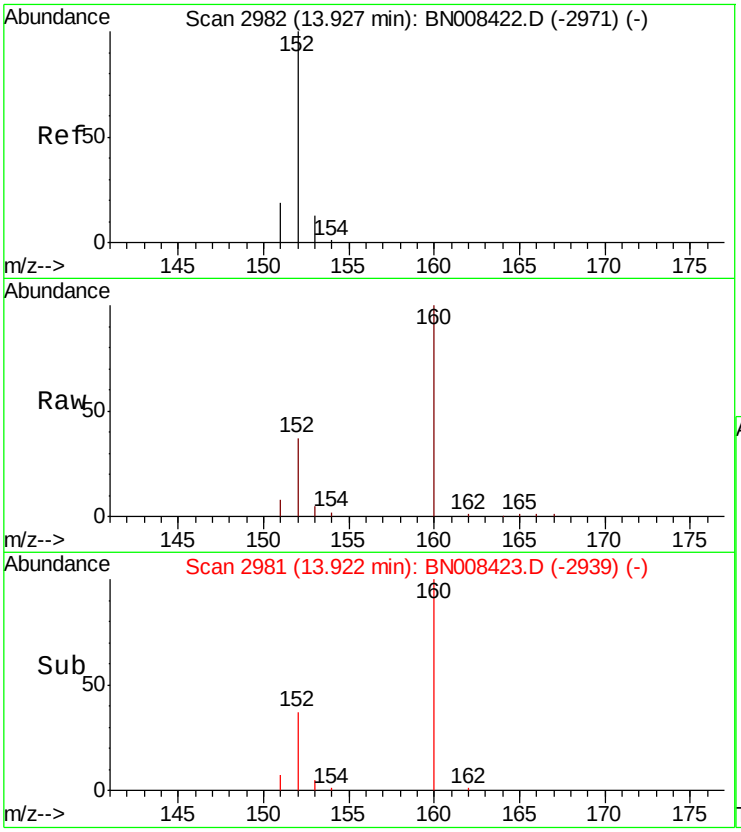


#5
2-Methylnaphthalene
Concen: 0.053 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:142 Resp: 1028

Ion	Ratio	Lower	Upper
142	100		
141	90.1	71.4	107.2

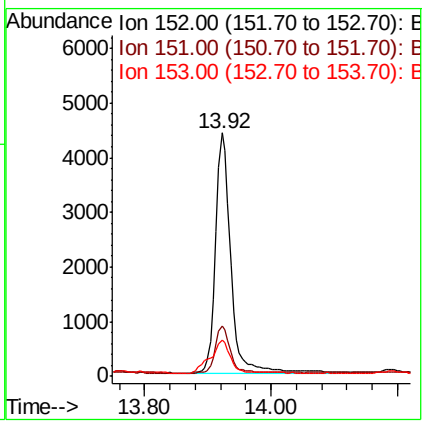




#7
Acenaphthylene
Concen: 0.247 ng/ul
RT: 13.92 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:152 Resp: 7343

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	14.7	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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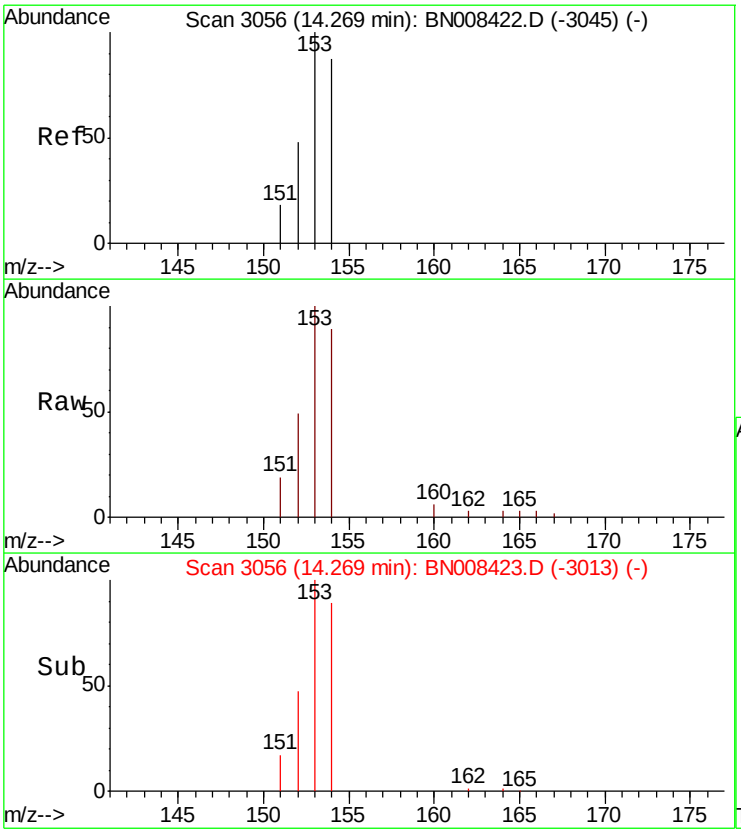
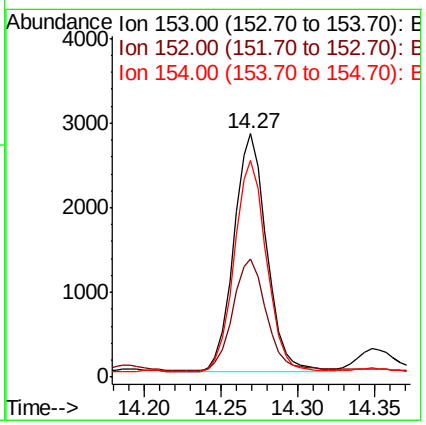
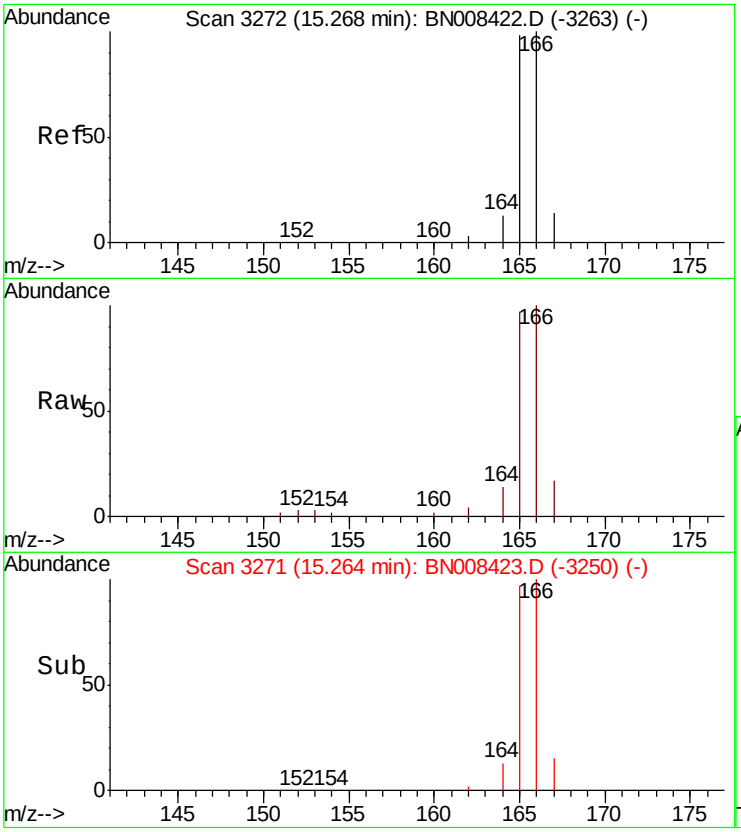


#8
Acenaphthene
Concen: 0.182 ng/ul
RT: 14.27 min Scan# 3056
Delta R.T. 0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:153 Resp: 4210

Ion	Ratio	Lower	Upper
153	100		
152	48.8	38.2	57.2
154	89.2	71.8	107.8

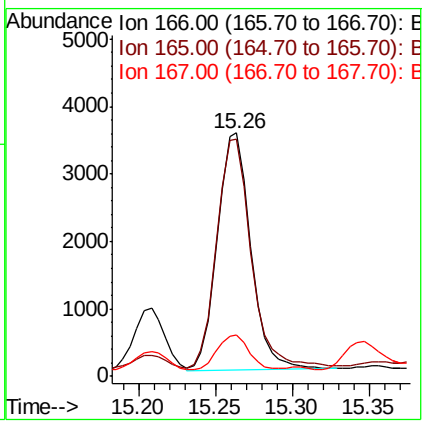




#9
Fluorene
Concen: 0.201 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:166 Resp: 5289

Ion	Ratio	Lower	Upper
166	100		
165	97.5	76.6	115.0
167	16.8	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPM7

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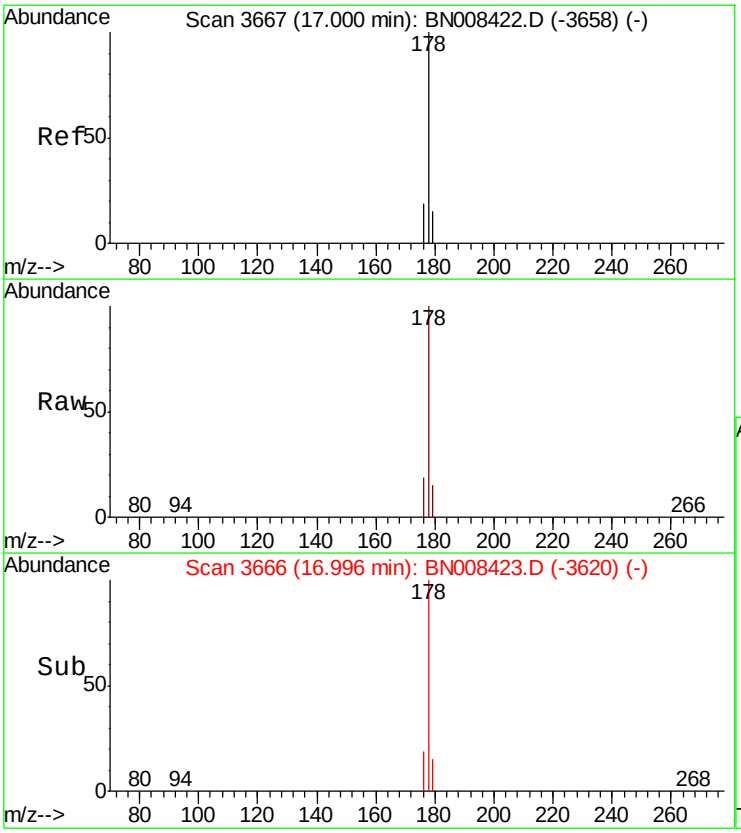
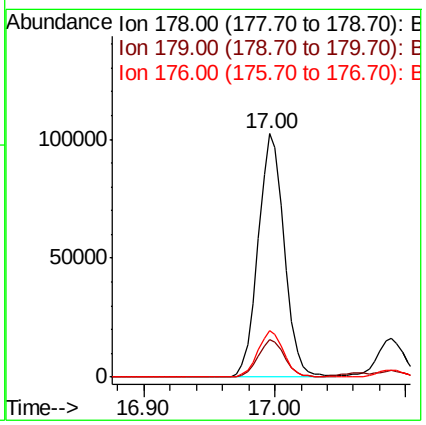
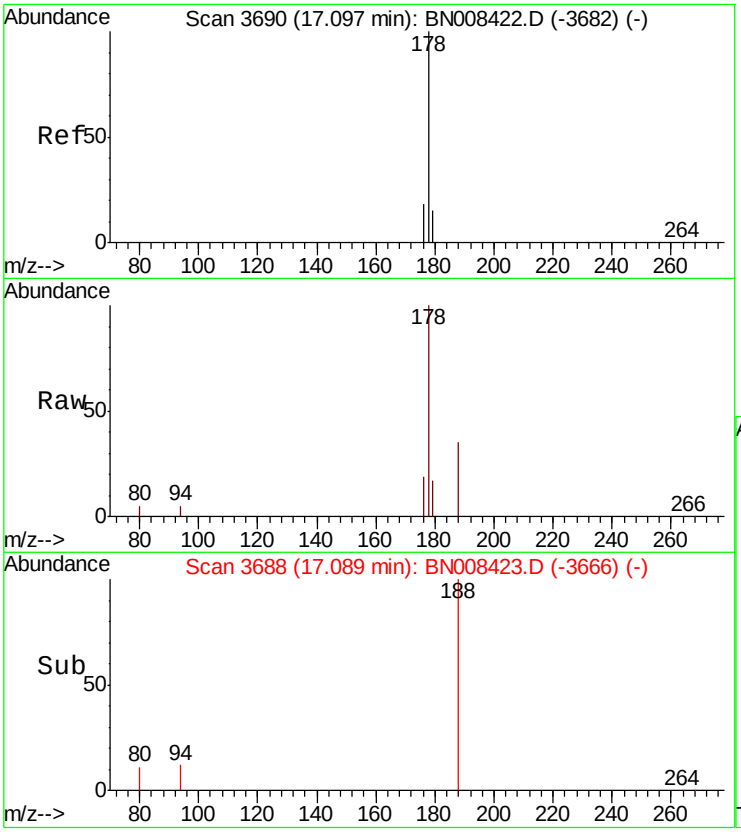


#12
Phenanthrene
Concen: 3.508 ng/ul
RT: 17.00 min Scan# 3666
Delta R.T. -0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:178 Resp: 140423

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	15.4	23.2

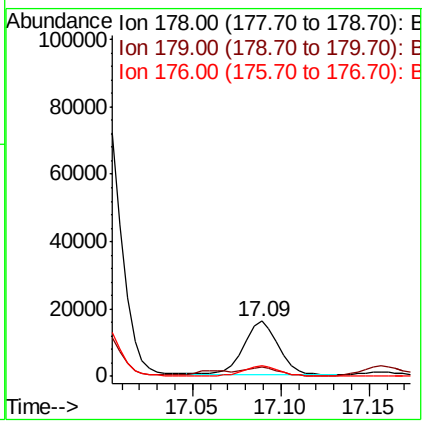




#13
Anthracene
Concen: 0.628 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:178 Resp: 22125

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.6	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPM7

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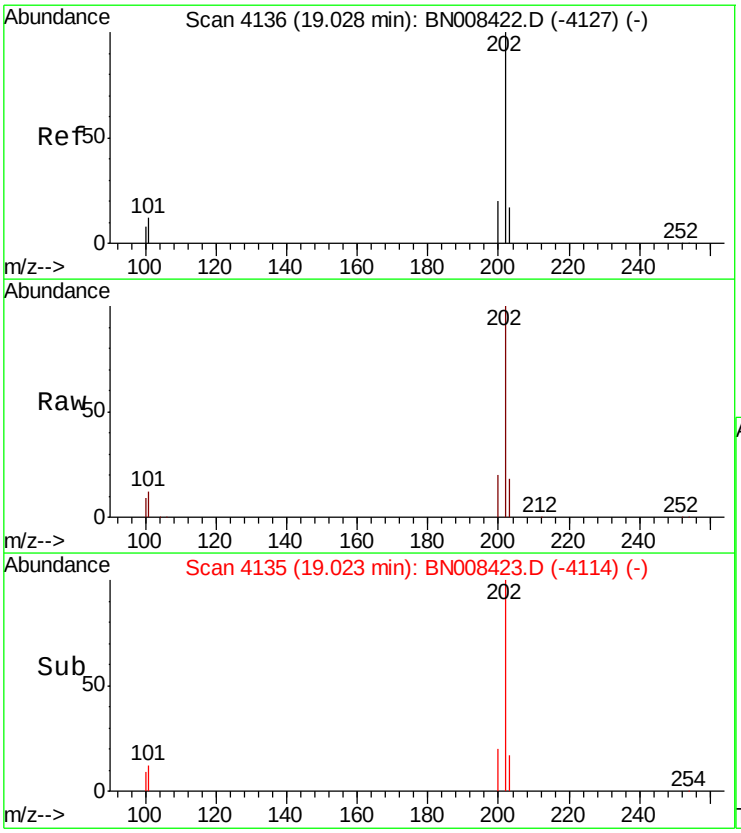
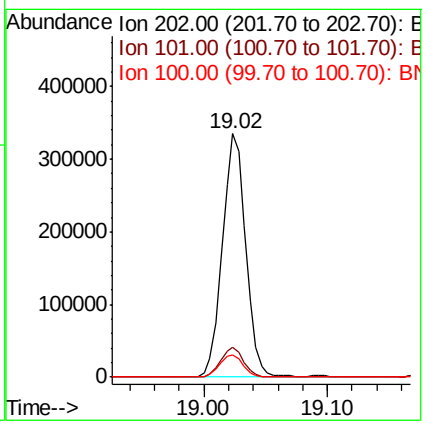
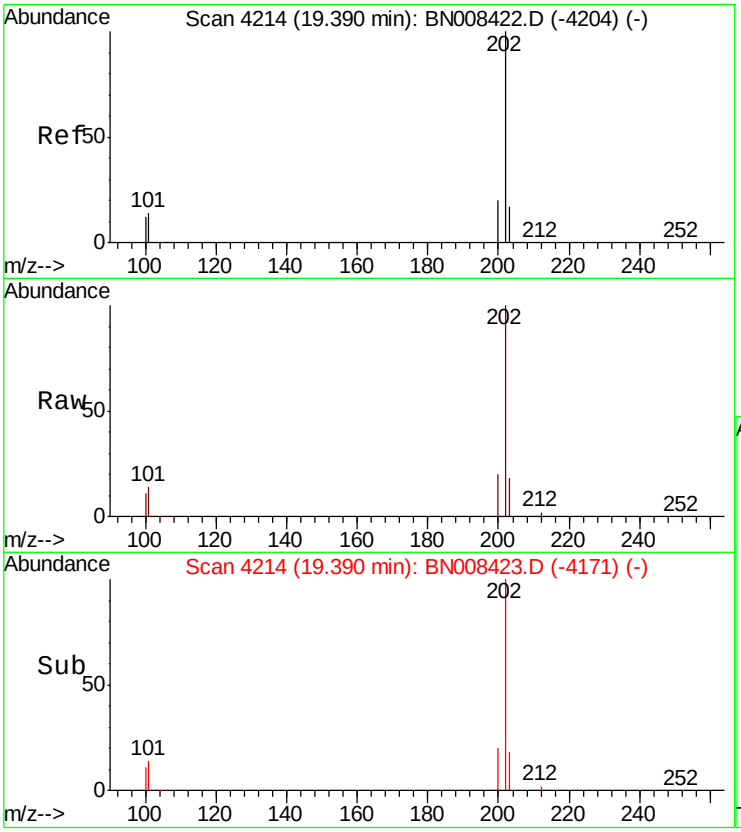


#15
Fluoranthene
Concen: 8.261 ng/ul
RT: 19.02 min Scan# 4135
Delta R.T. -0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:202 Resp: 436789

Ion	Ratio	Lower	Upper
202	100		
101	12.4	0.0	31.2
100	9.3	0.0	28.5





#17
Pyrene
Concen: 7.865 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:202 Resp: 370177

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.1	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPM7

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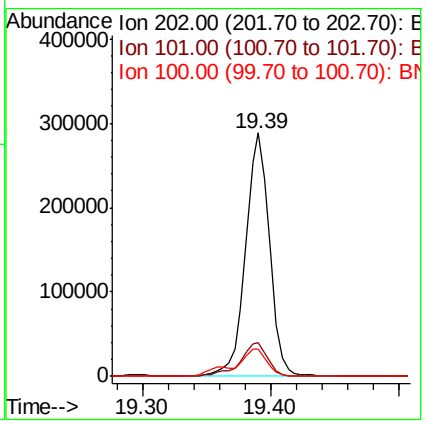
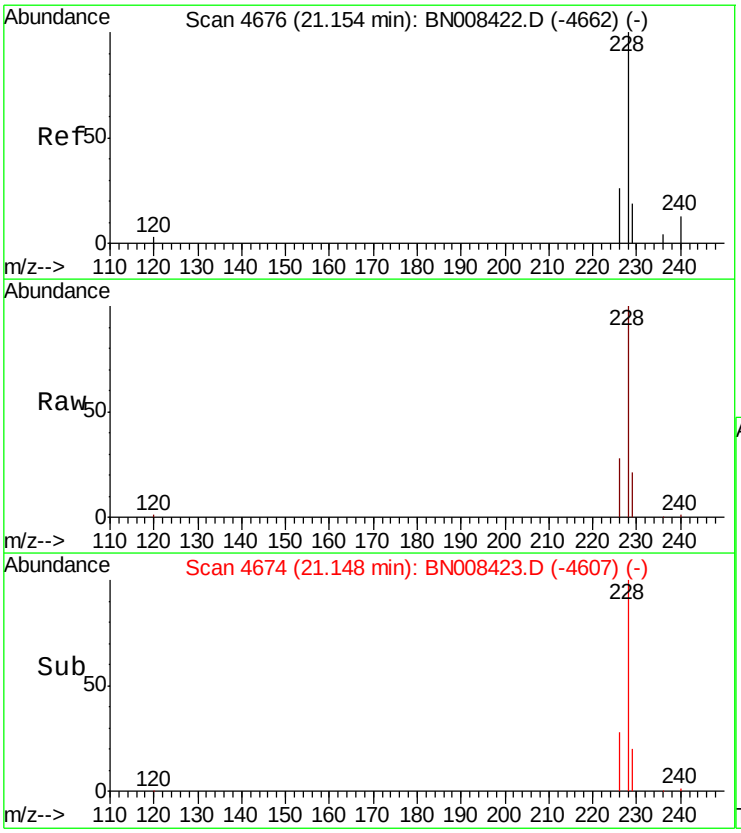
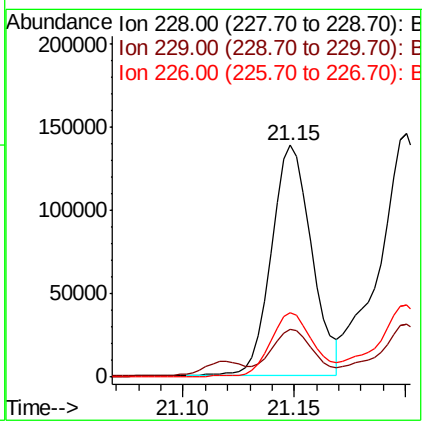


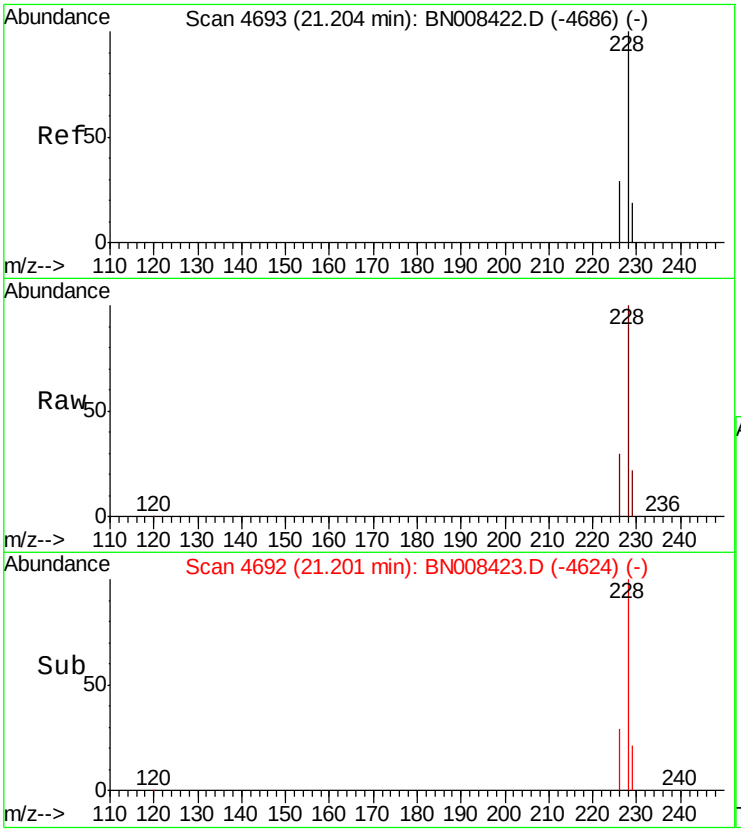


#18
Benzo(a)anthracene
Concen: 4.042 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:228 Resp: 173697

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	27.9	21.4	32.0

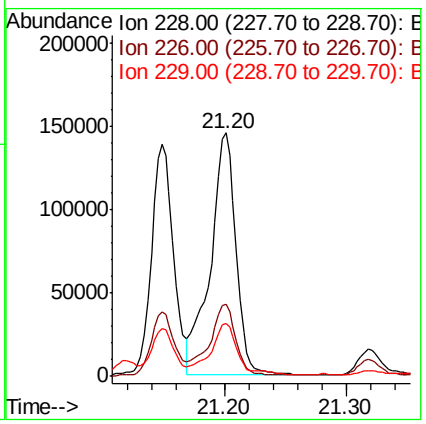




#19
Chrysene
Concen: 4.036 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:228 Resp: 212893

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.1	36.1
229	21.8	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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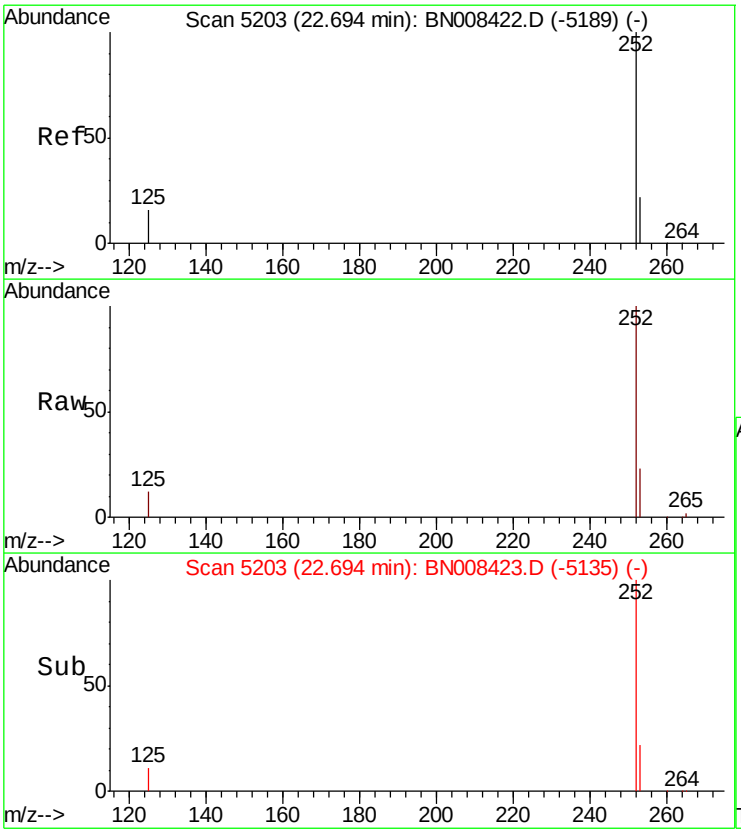
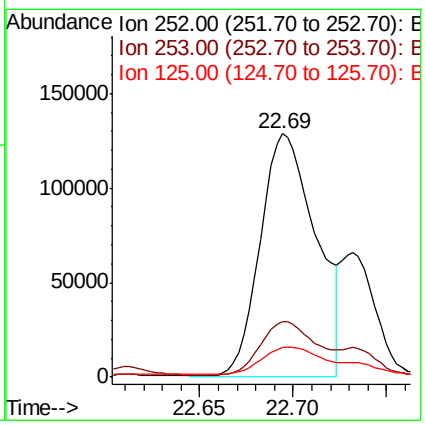
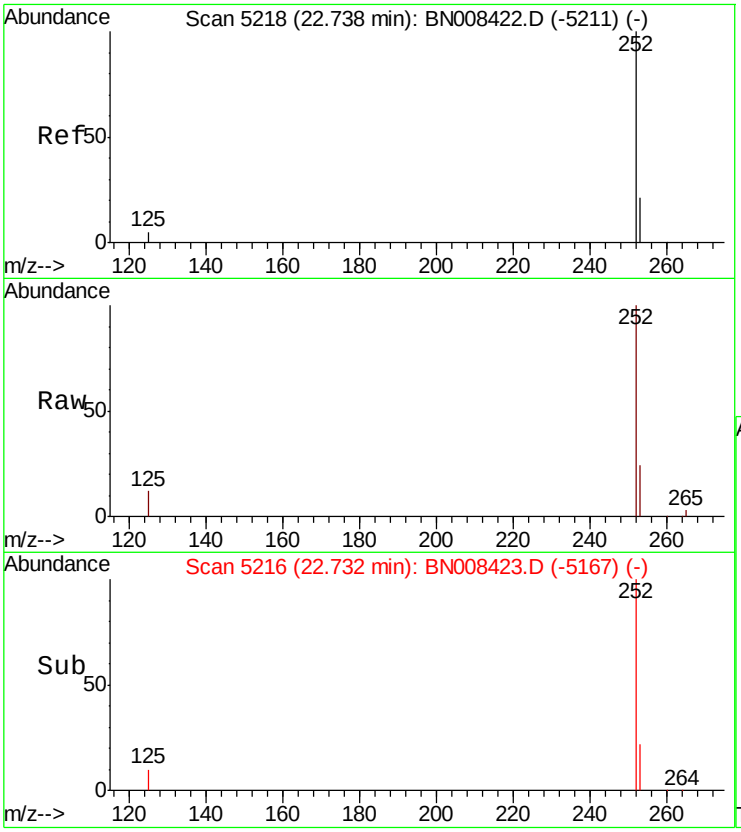


#21
Benzo(b)fluoranthene
Concen: 8.415 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:252 Resp: 269740

Ion	Ratio	Lower	Upper
252	100		
253	22.8	0.0	53.4
125	12.2	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 2.385 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:252 Resp: 86597

Ion	Ratio	Lower	Upper
252	100		
253	23.9	21.3	31.9
125	11.9	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPM7

Manual Integrations APPROVED
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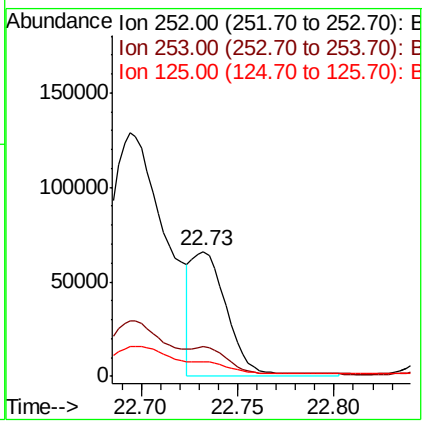
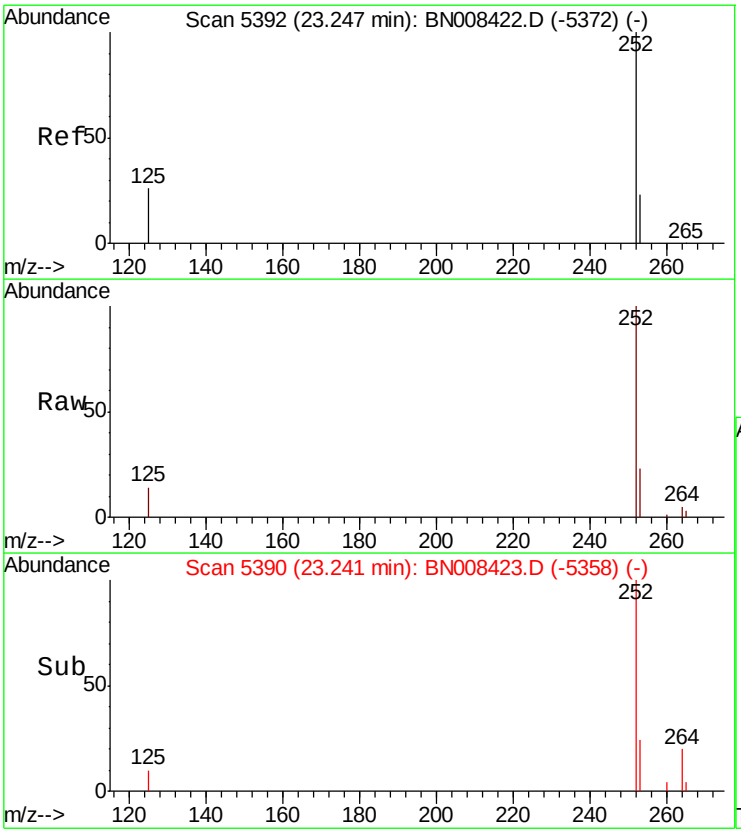
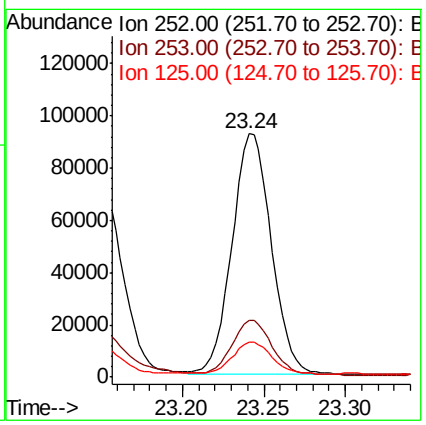


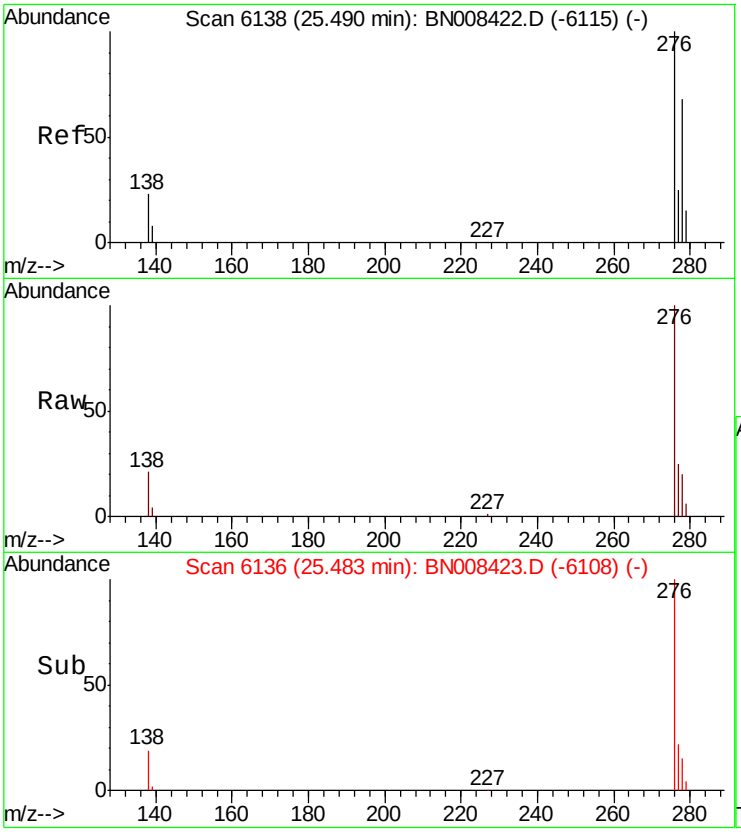


#23
Benzo(a)pyrene
Concen: 4.607 ng/ul m
RT: 23.24 min Scan# 5390
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:252 Resp: 155397

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	14.2	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.770 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:276 Resp: 110046

Ion	Ratio	Lower	Upper
276	100		
138	20.0	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPM7

Manual Integrations APPROVED
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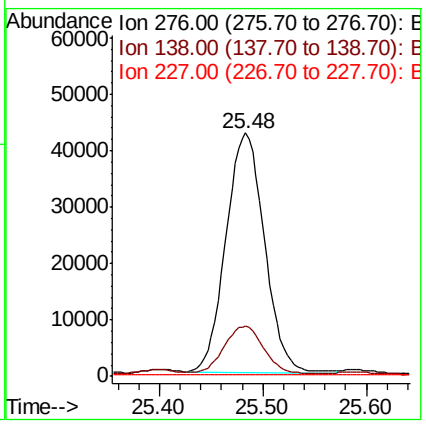
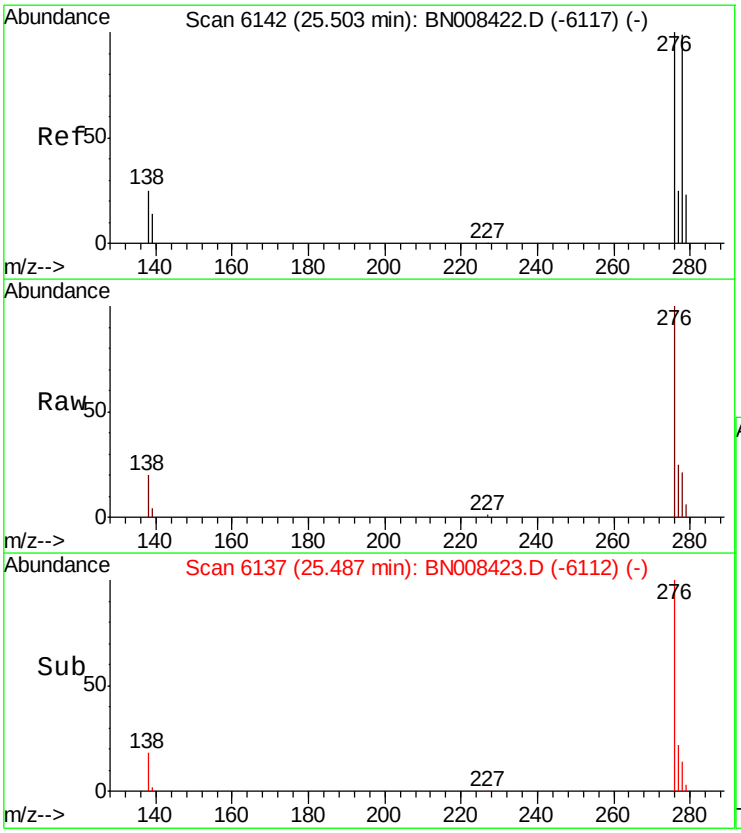
10/25/2019 9:28:53 PM

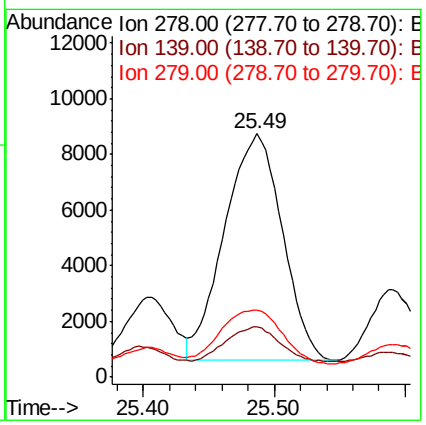


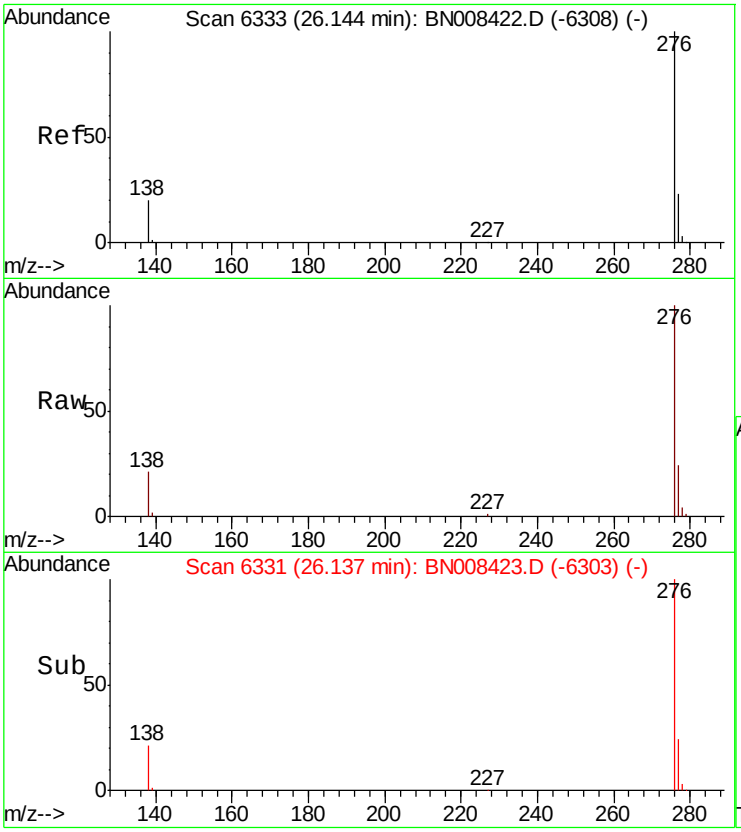


#25
Dibenzo(a,h)anthracene
Concen: 0.795 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.02 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:278 Resp: 24958

Ion	Ratio	Lower	Upper
278	100		
139	20.5	15.0	22.6
279	27.7	22.4	33.6

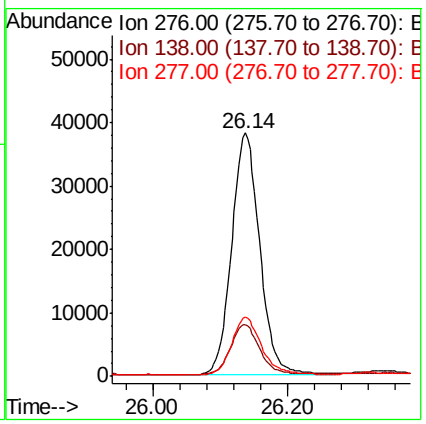




#26
Benzo(g,h,i)perylene
Concen: 3.013 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.01 min
Lab File: BN008423.D
Acq: 25 Oct 2019 12:52

Tgt Ion:276 Resp: 109751

Ion	Ratio	Lower	Upper
276	100		
138	21.4	17.0	25.4
277	24.5	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPM7

Manual Integrations APPROVED
mohammad
10/25/2019 9:28:53 PM