Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008421.D
Acq On : 25 Oct 2019 11:05
Operator : JU
Sample : K5236-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPM5

Manual Integrations APPROVED
mohammad
10/25/2019 9:28:49 PM

Quant Time: Oct 25 12:18:30 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 00:45:13 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1777	0.40	ng/ul	0.00
2) Naphthalene-d8	10.33	136	9014	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5762	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12412	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	9879	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	8602	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2274	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7034	0.16	ng/ul	0.00
Target Compounds						Qvalue
7) Acenaphthylene	13.92	152	985	0.036	ng/ul#	81
9) Fluorene	15.26	166	695	0.029	ng/ul#	93
12) Phenanthrene	17.00	178	6757	0.186	ng/ul	99
13) Anthracene	17.09	178	1117	0.035	ng/ul#	81
15) Fluoranthene	19.03	202	13535	0.282	ng/ul	98
17) Pyrene	19.39	202	13184	0.335	ng/ul	96
18) Benzo(a)anthracene	21.15	228	5530	0.154	ng/ul#	90
19) Chrysene	21.20	228	6925	0.157	ng/ul#	93
21) Benzo(b)fluoranthene	22.69	252	7955m	0.284	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	2427m	0.077	ng/ul	
23) Benzo(a)pyrene	23.24	252	4858	0.165	ng/ul#	55
24) Indeno(1,2,3-cd)pyrene	25.49	276	3295	0.095	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.49	278	658	0.024	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	3329	0.105	ng/ul#	77

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008421.D
Acq On : 25 Oct 2019 11:05
Operator : JU
Sample : K5236-14
Misc :
ALS Vial : 43 Sample Multiplier: 1

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QLast Update : Fri Oct 25 00:45:13 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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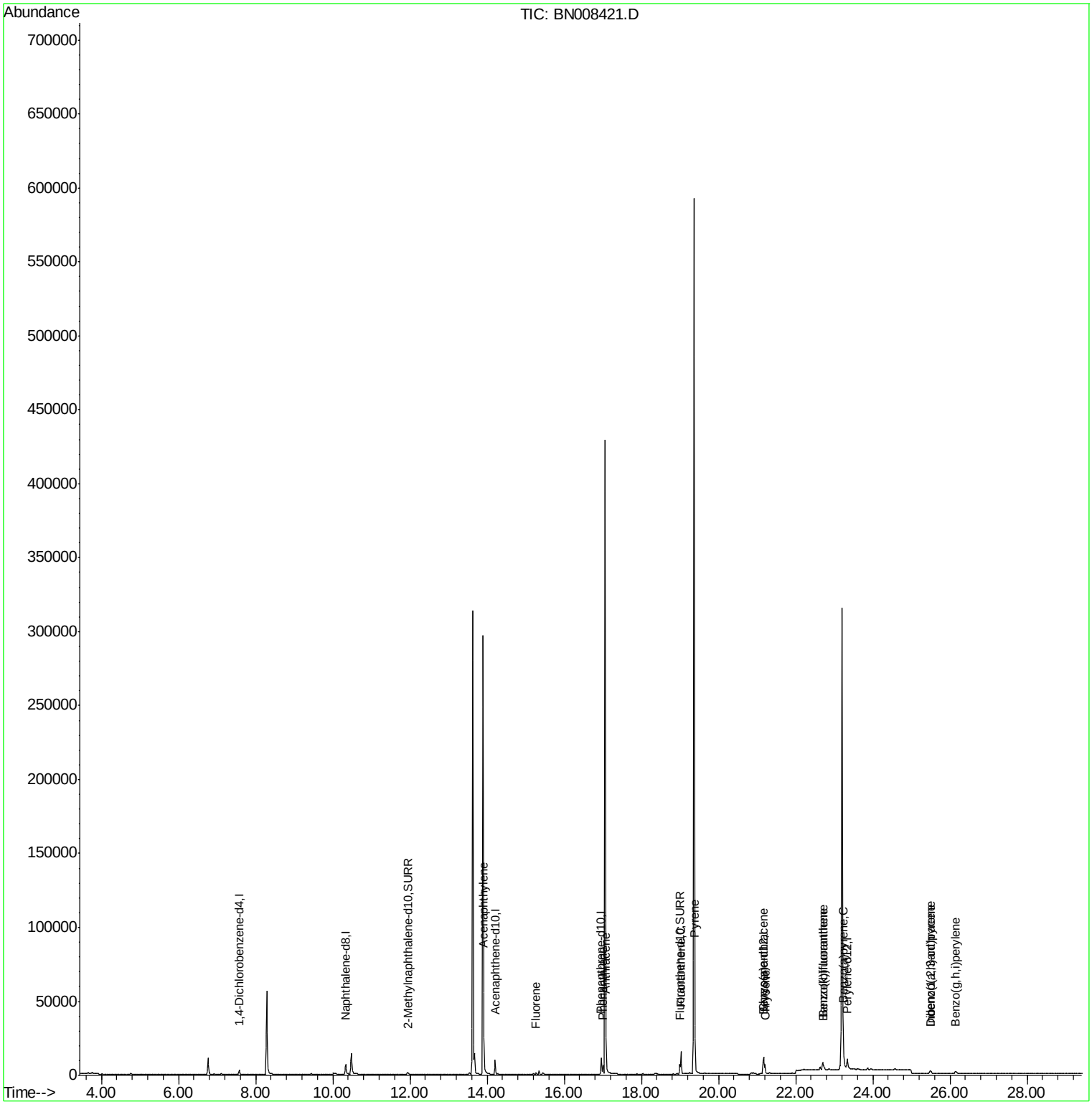

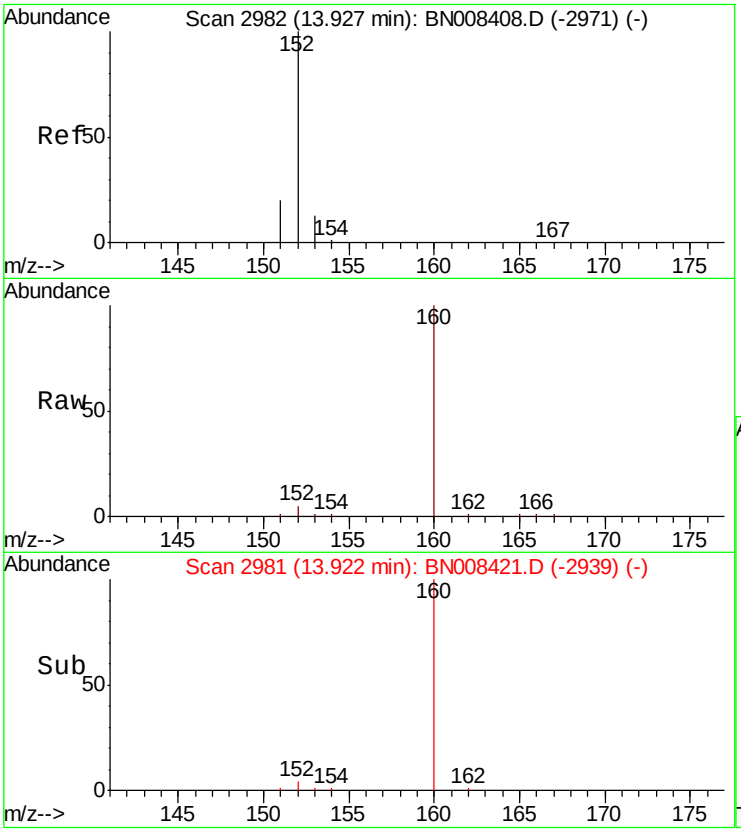

#7
Acenaphthylene
Concen: 0.036 ng/ul
RT: 13.92 min Scan# 2981
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:152 Resp: 985

Ion	Ratio	Lower	Upper
152	100		
151	27.5	16.2	24.4#
153	23.3	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPM5

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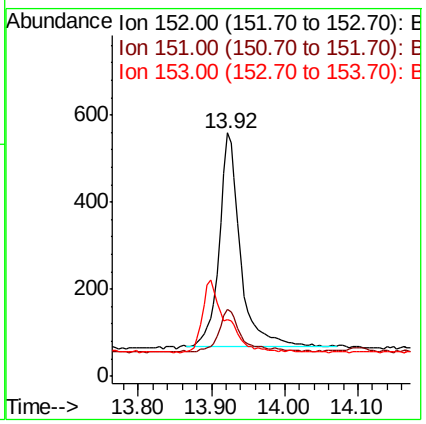
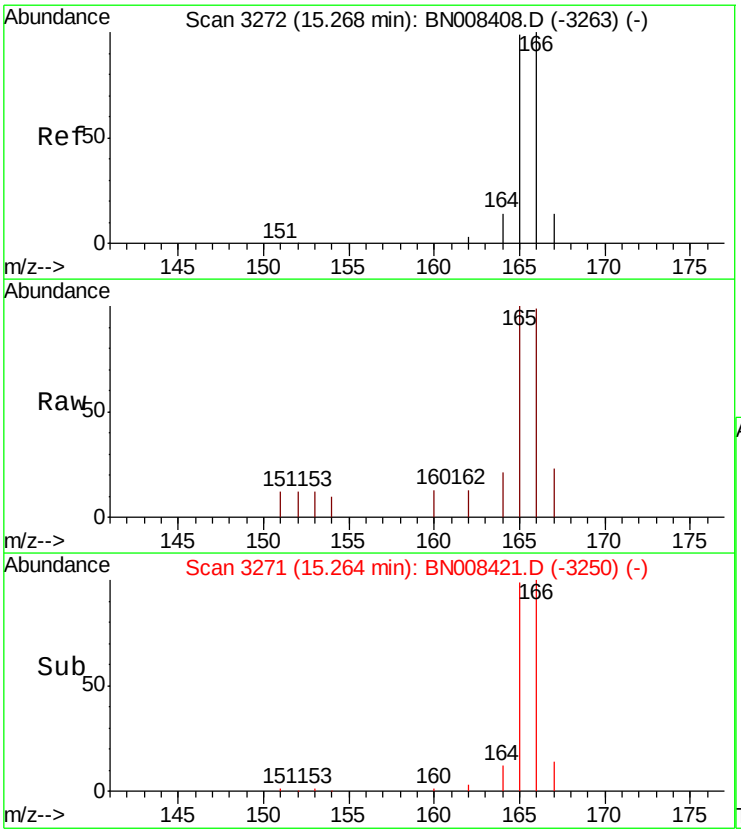
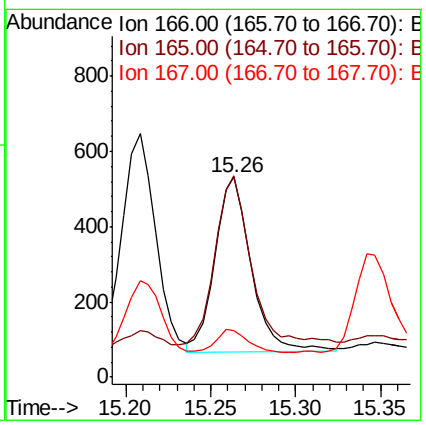


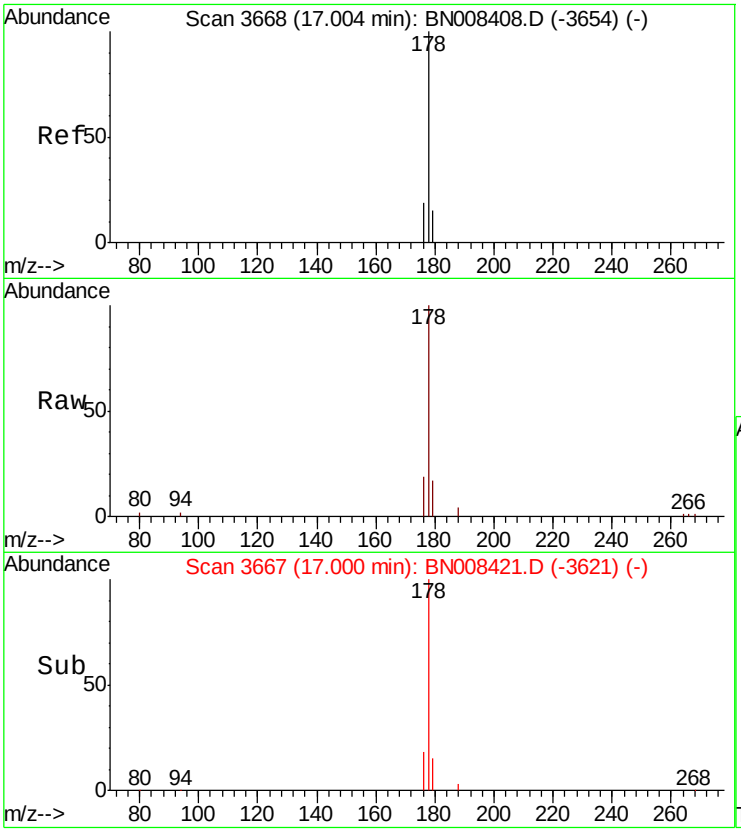


#9
Fluorene
Concen: 0.029 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:166 Resp: 695

Ion	Ratio	Lower	Upper
166	100		
165	100.9	76.6	115.0
167	23.2	11.7	17.5#

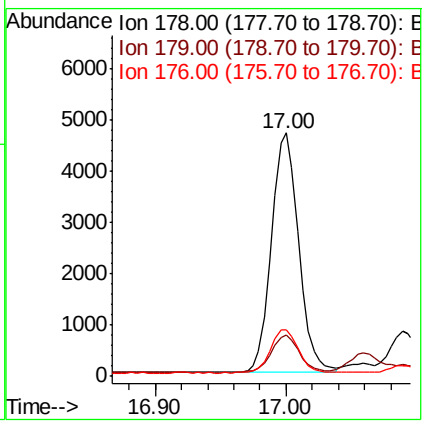




#12
Phenanthrene
Concen: 0.186 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:178 Resp: 6757

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.8	19.2
176	19.2	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPM5

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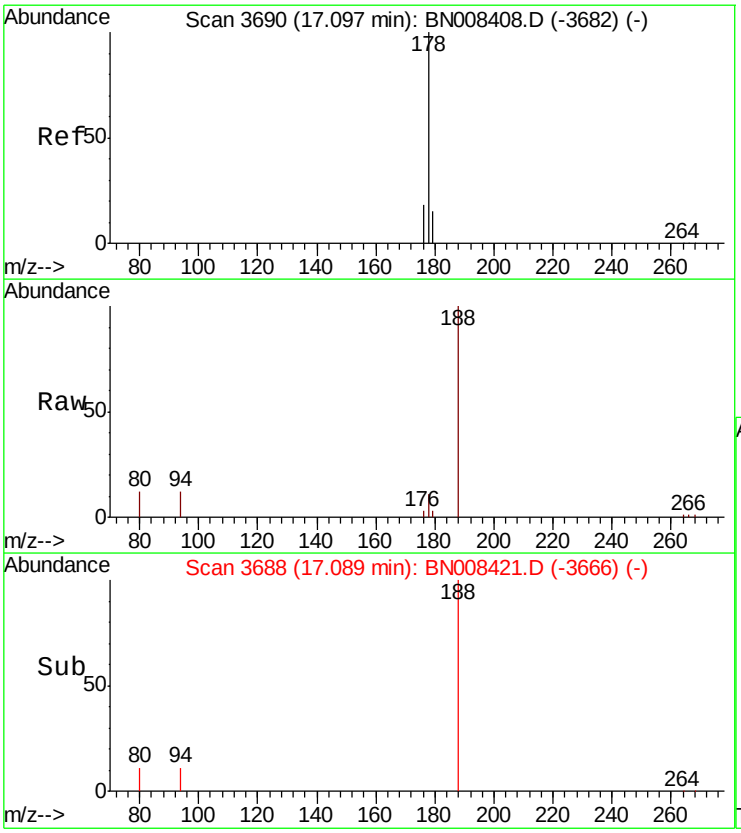
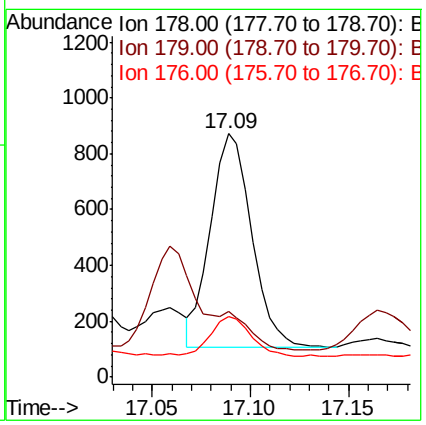
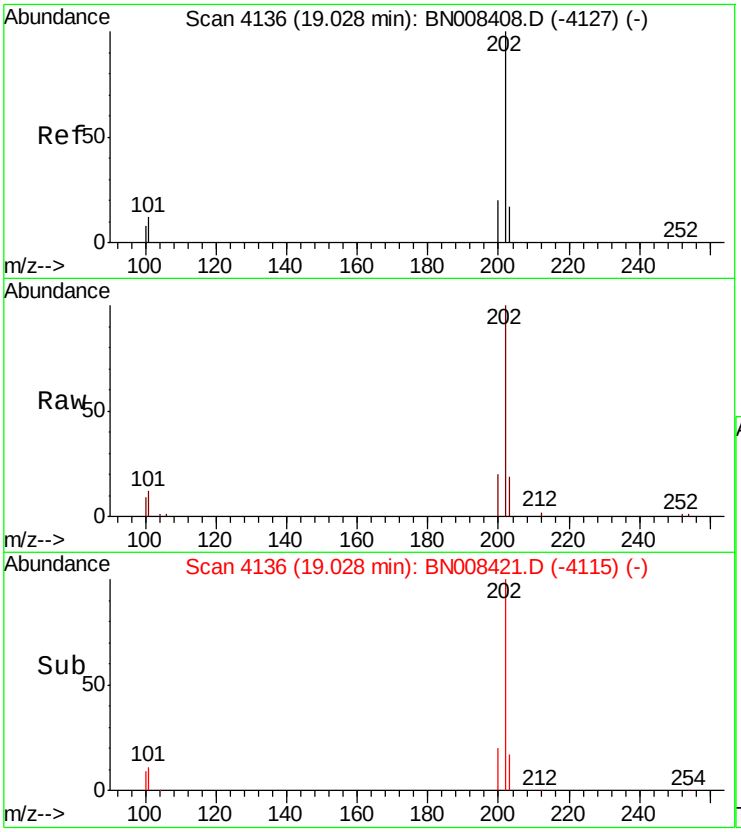


#13
Anthracene
Concen: 0.035 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:178 Resp: 1117

Ion	Ratio	Lower	Upper
178	100		
179	26.8	13.0	19.6#
176	25.1	15.0	22.6#

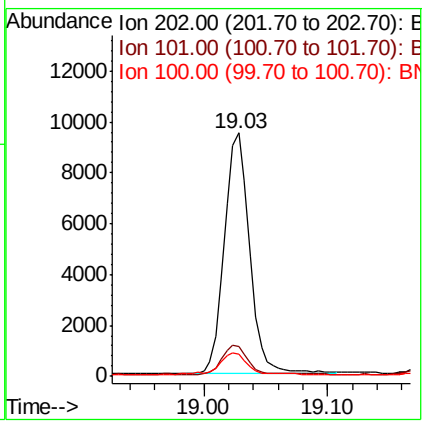




#15
Fluoranthene
Concen: 0.282 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:202 Resp: 13535

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	31.2
100	9.3	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPM5

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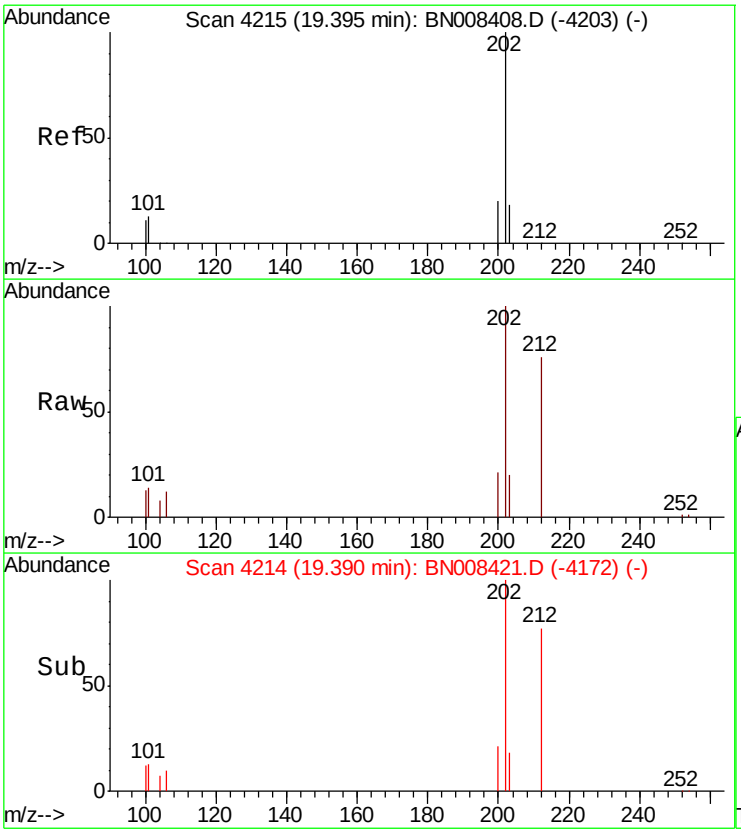
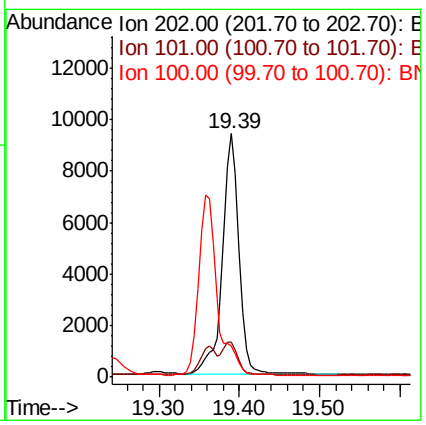
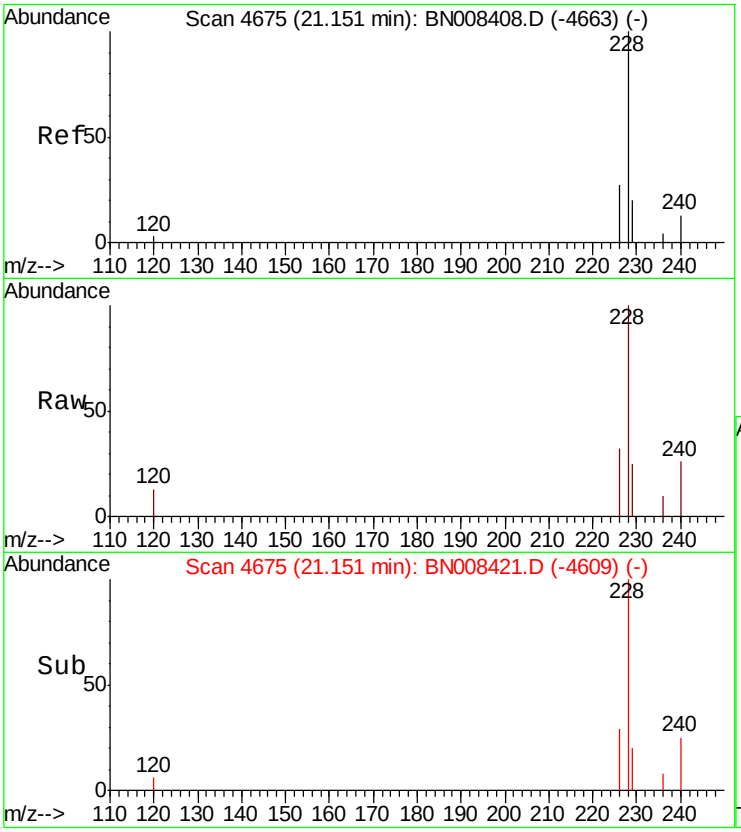


#17
Pyrene
Concen: 0.335 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:202 Resp: 13184

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	12.9	8.7	13.1





#18
Benzo(a)anthracene
Concen: 0.154 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Instrument :
BNA_N
ClientSampleId :
BEPM5

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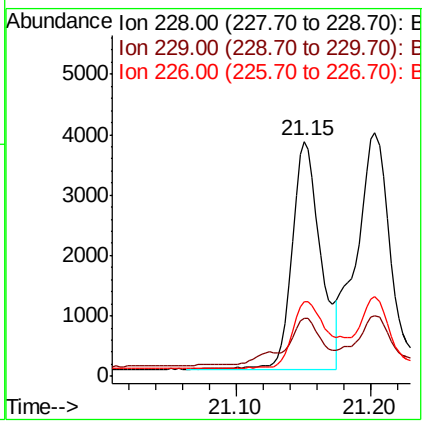
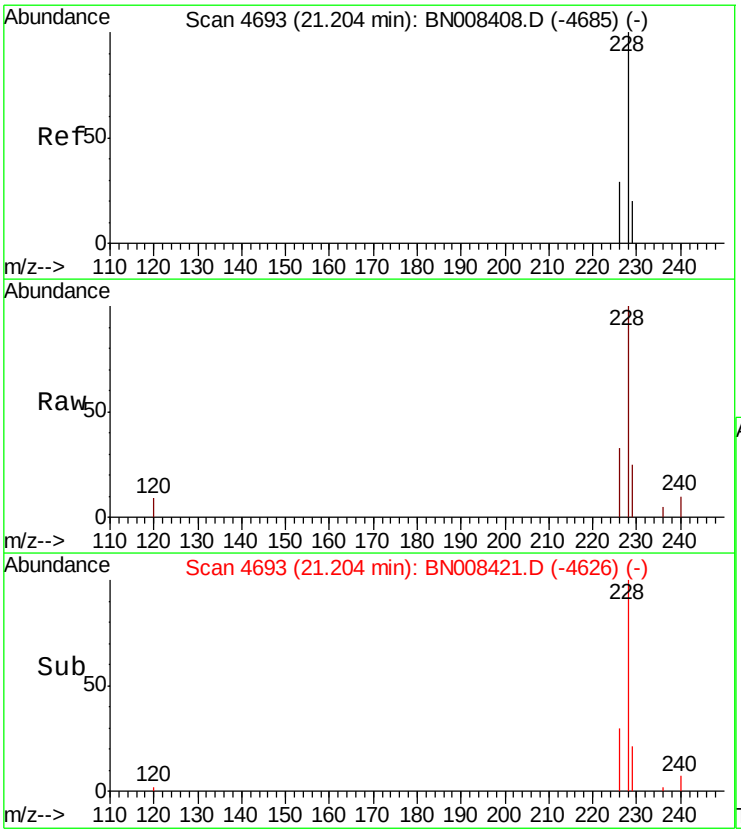
Tgt Ion:228 Resp: 5530

Ion	Ratio	Lower	Upper
228	100		
229	24.7	16.2	24.2#
226	31.7	21.4	32.0

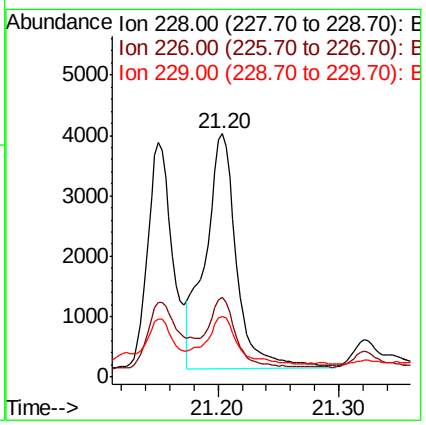


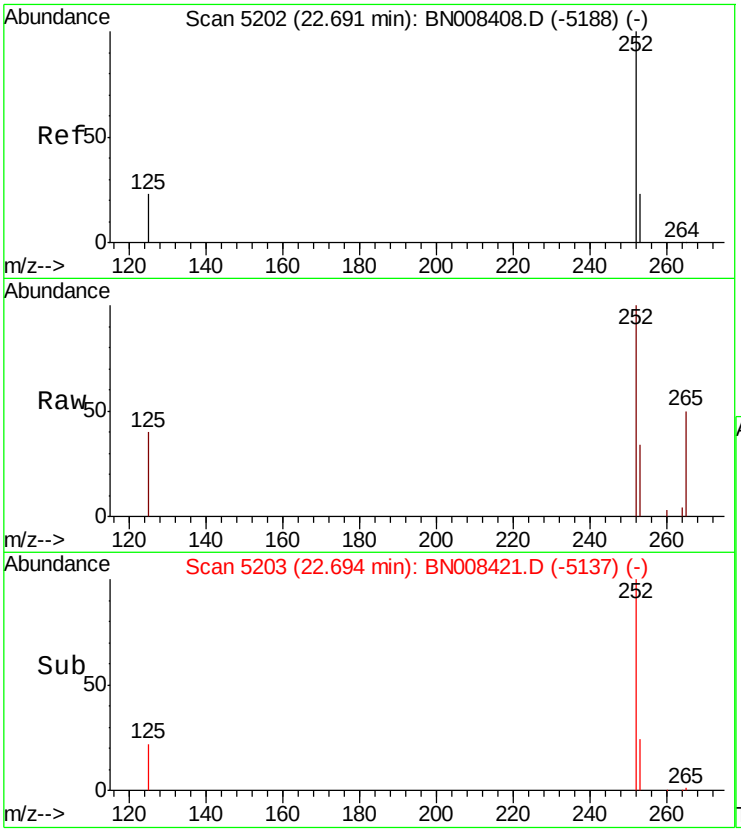


#19
Chrysene
Concen: 0.157 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:228 Resp: 6925

Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.1	36.1
229	24.8	16.2	24.2#





#21
Benzo(b)fluoranthene
Concen: 0.284 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:252 Resp: 7955

Ion	Ratio	Lower	Upper
252	100		
253	34.0	0.0	53.4
125	40.3	0.0	32.4#

Instrument :
BNA_N
ClientSampleId :
BEPM5

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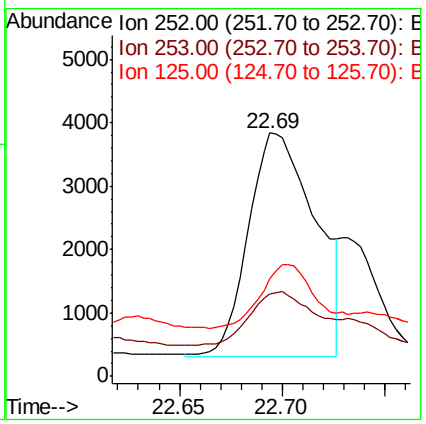
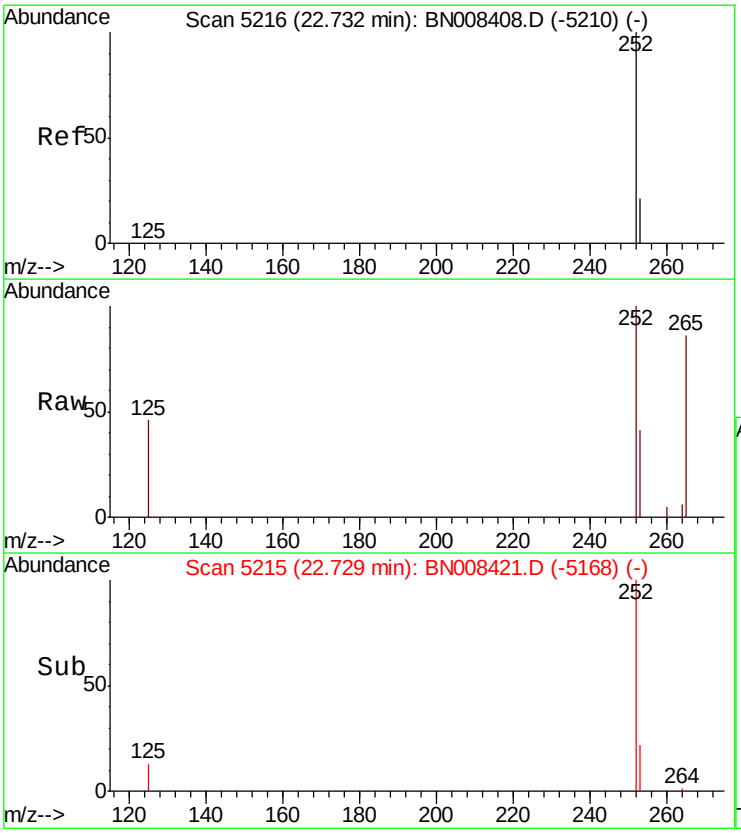
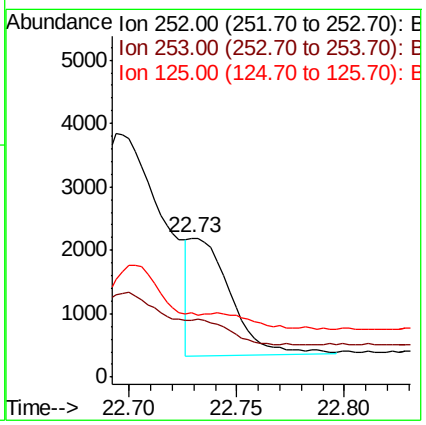


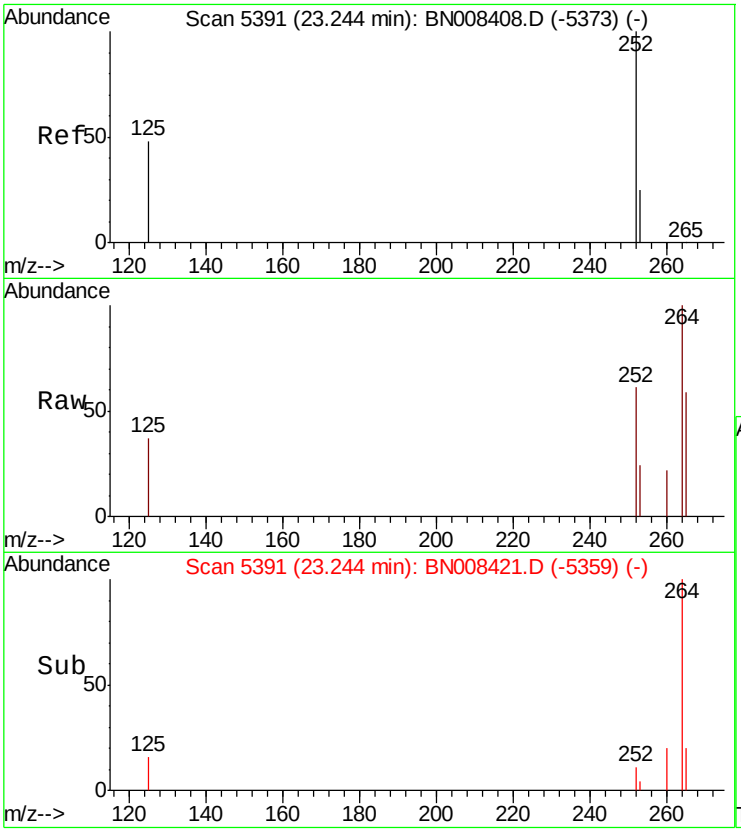


#22
Benzo(k)fluoranthene
Concen: 0.077 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:252 Resp: 2427

Ion	Ratio	Lower	Upper
252	100		
253	41.0	21.3	31.9#
125	45.9	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.165 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:252 Resp: 4858

Ion	Ratio	Lower	Upper
252	100		
253	38.7	22.8	34.2#
125	60.8	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
BEPM5

Manual Integrations APPROVED
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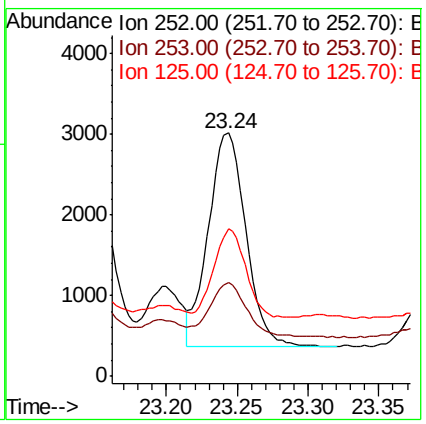
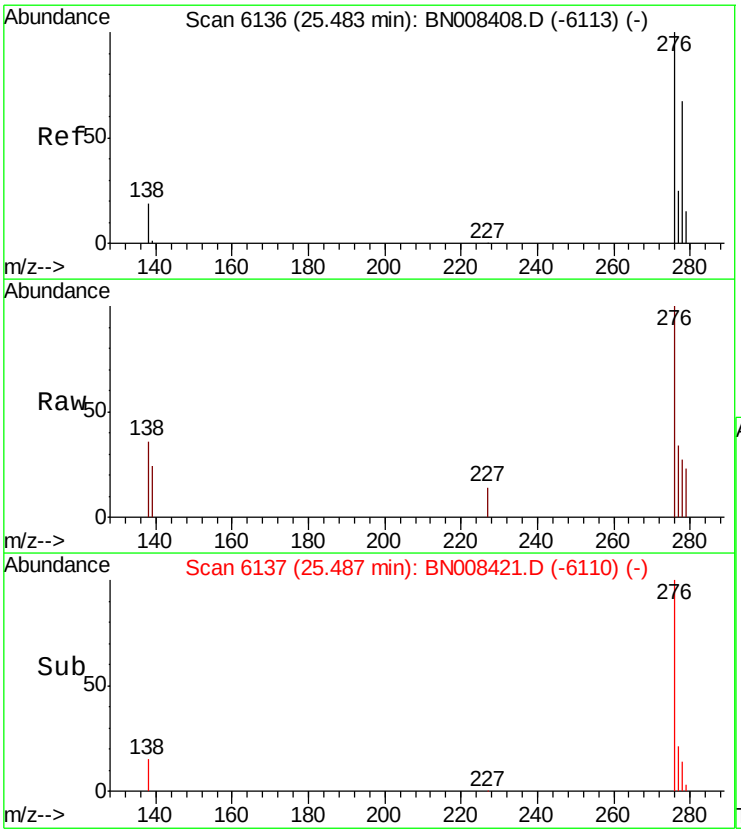
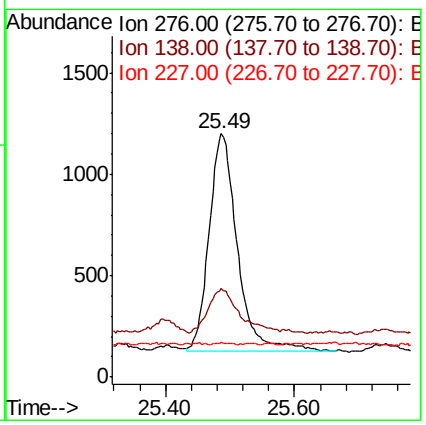


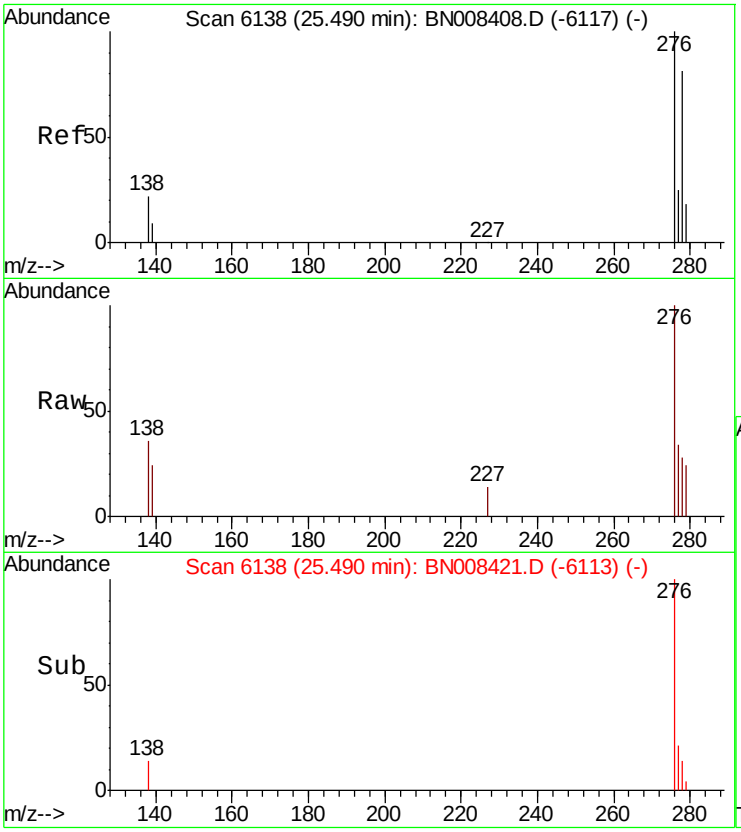


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.095 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:276 Resp: 3295

Ion	Ratio	Lower	Upper
276	100		
138	23.1	16.1	24.1
227	0.4	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.024 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:278 Resp: 658

Ion	Ratio	Lower	Upper
278	100		
139	88.0	15.0	22.6#
279	85.6	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPM5

Manual Integrations APPROVED
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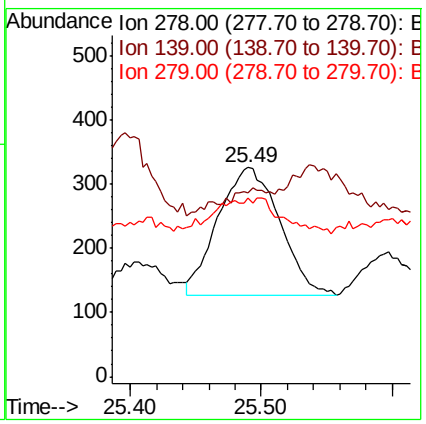

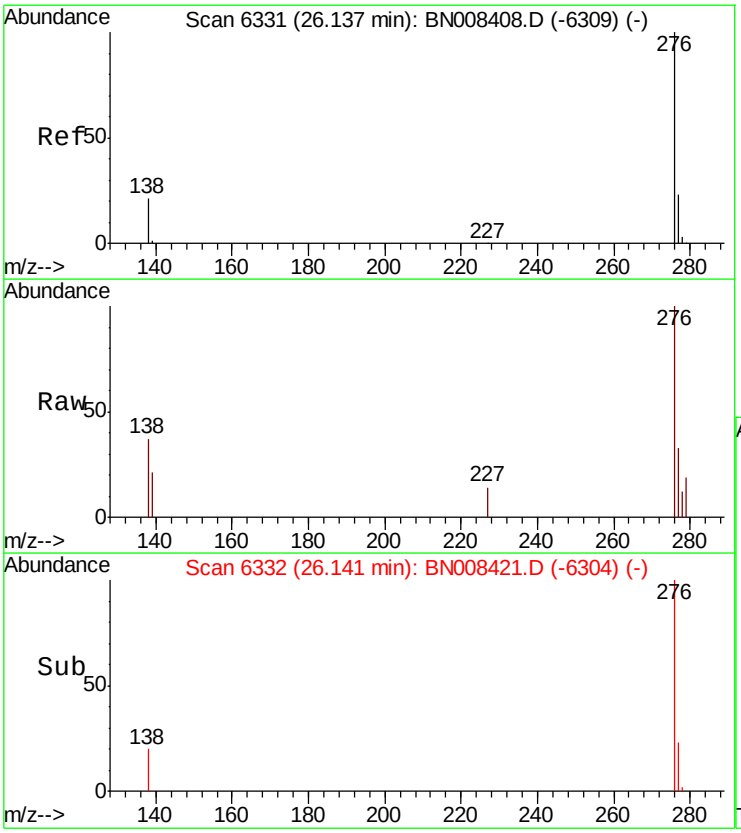

#26
Benzo(g,h,i)perylene
Concen: 0.105 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.01 min
Lab File: BN008421.D
Acq: 25 Oct 2019 11:05

Tgt Ion:276 Resp: 3329

Ion	Ratio	Lower	Upper
276	100		
138	36.8	17.0	25.4#
277	33.1	20.4	30.6#