Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008710.D
Acq On : 22 Nov 2019 12:42
Operator : JU
Sample : K5854-12DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
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Quant Time: Nov 22 14:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4111	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15106	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8577	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17270	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14296	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14504	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	444	0.02	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1167	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	6561	0.144	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	5715	0.180	ng/ul	100
8) Acenaphthene	14.29	153	1688	0.048	ng/ul	96
9) Fluorene	15.28	166	2866	0.069	ng/ul#	92
12) Phenanthrene	17.01	178	47160	0.810	ng/ul	98
13) Anthracene	17.10	178	9814	0.178	ng/ul	97
15) Fluoranthene	19.04	202	75790	1.059	ng/ul	94
17) Pyrene	19.40	202	71056	1.239	ng/ul	98
18) Benzo(a)anthracene	21.15	228	32506	0.565	ng/ul	96
19) Chrysene	21.21	228	33148m	0.587	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	41172m	0.688	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	14933m	0.252	ng/ul	
23) Benzo(a)pyrene	23.24	252	26927	0.480	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.47	276	17986	0.274	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	4879	0.092	ng/ul#	44
26) Benzo(g,h,i)perylene	26.12	276	18204	0.331	ng/ul#	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008710.D
Acq On : 22 Nov 2019 12:42
Operator : JU
Sample : K5854-12DL 10X
Misc :
ALS Vial : 30 Sample Multiplier: 1

Quant Time: Nov 22 14:04:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
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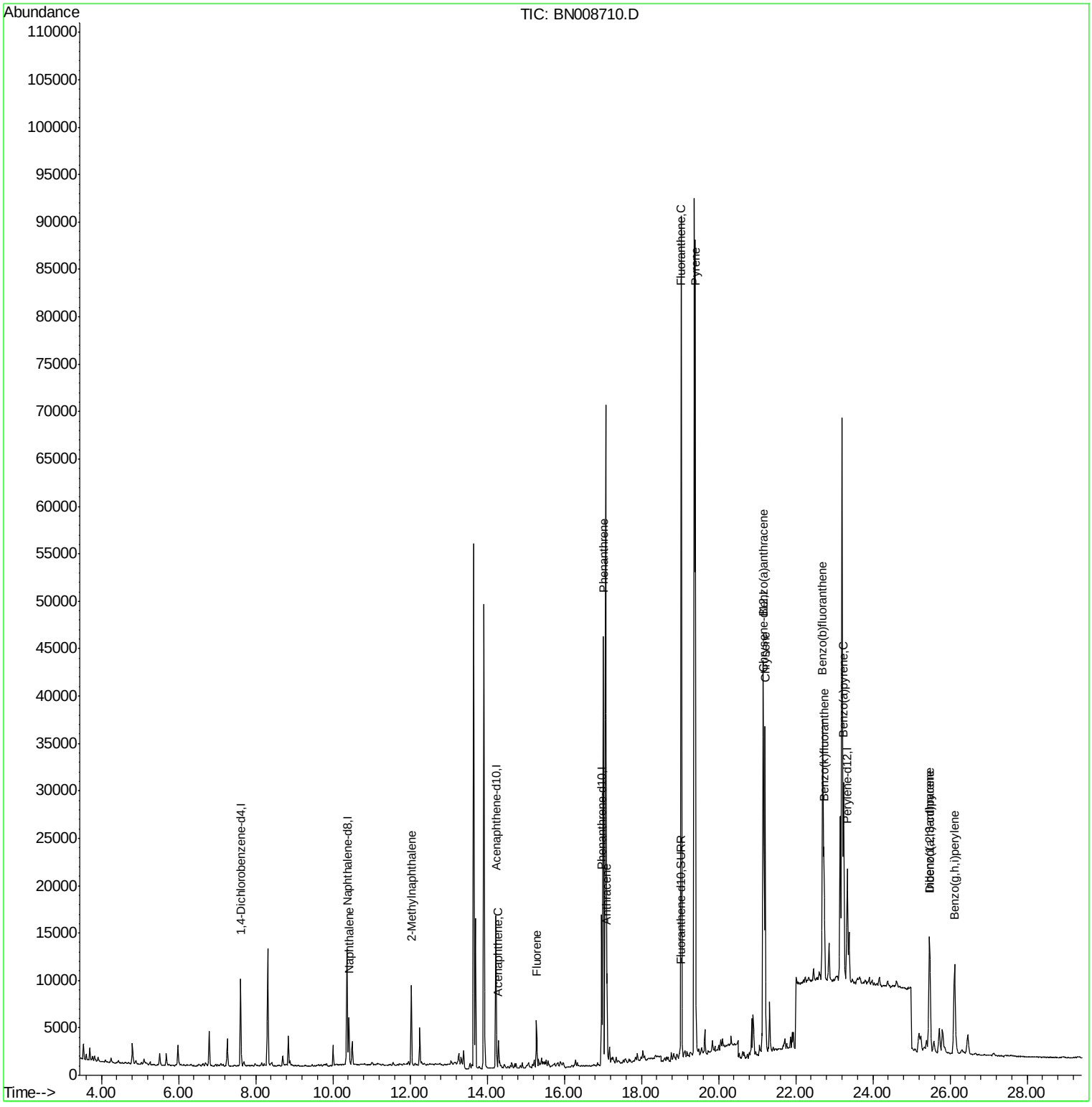
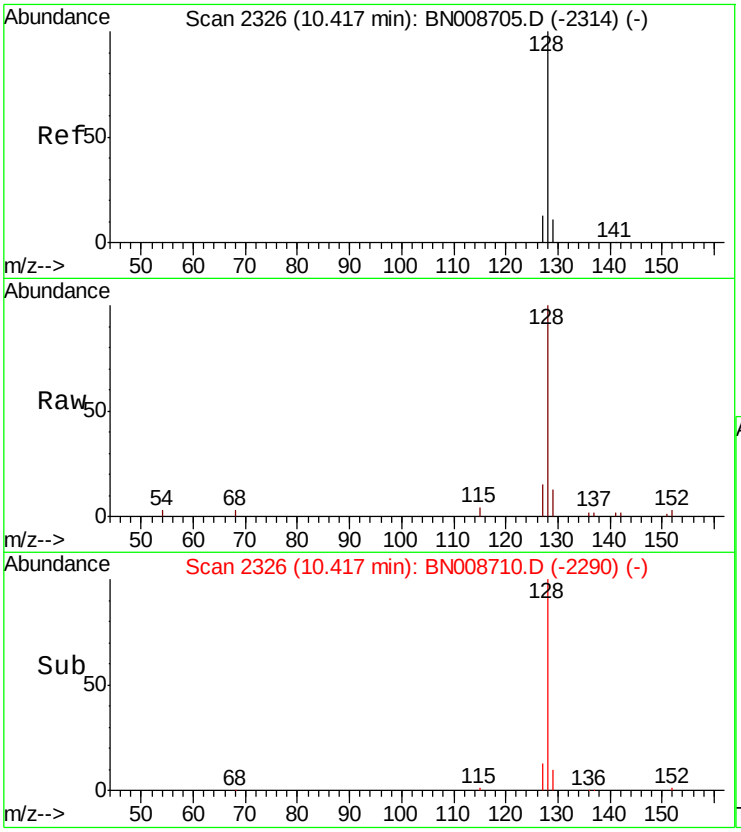
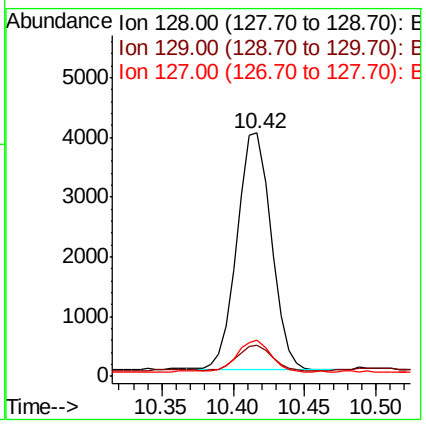




#3
Naphthalene
Concen: 0.144 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:128 Resp: 6561

Ion	Ratio	Lower	Upper
128	100		
129	12.6	9.7	14.5
127	14.8	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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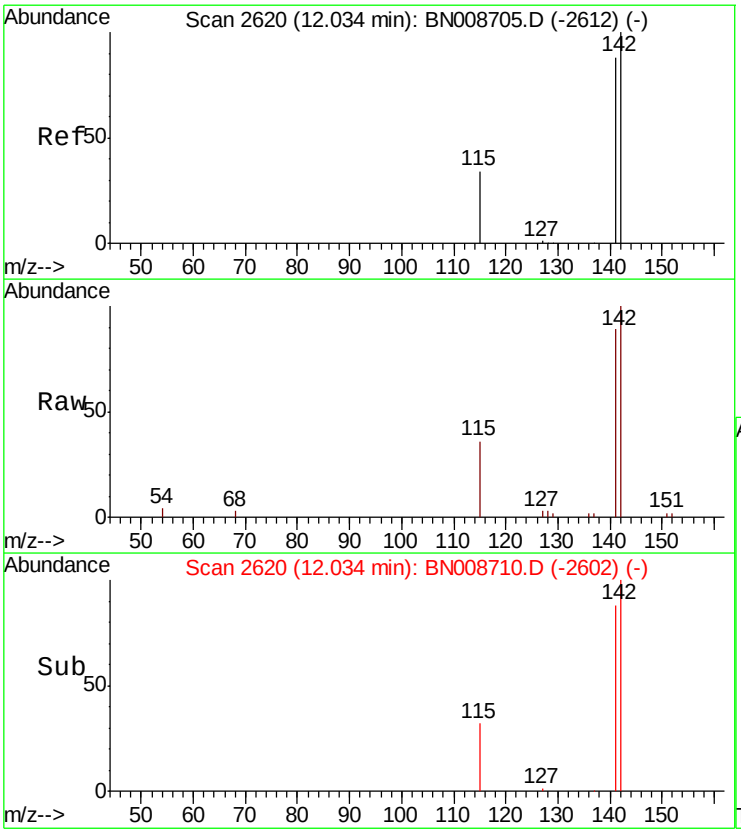
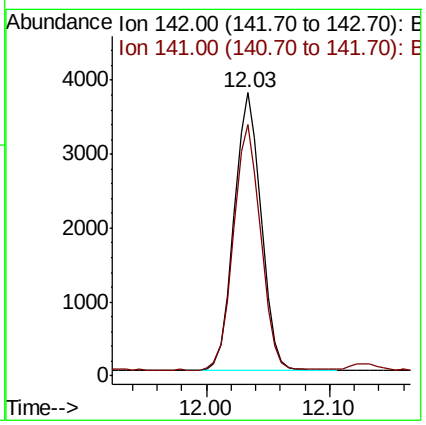
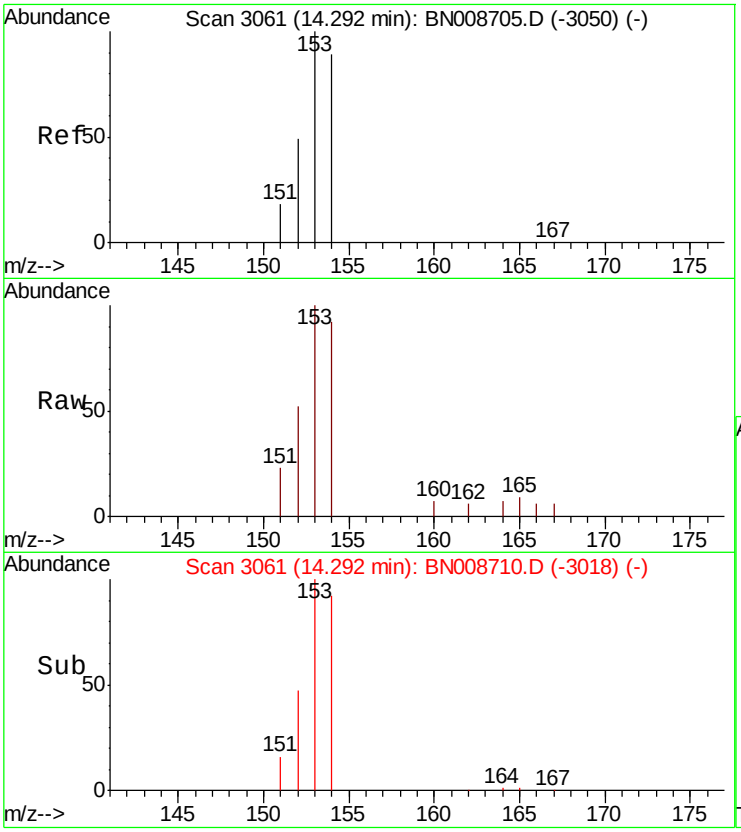


#5
2-Methylnaphthalene
Concen: 0.180 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:142 Resp: 5715

Ion	Ratio	Lower	Upper
142	100		
141	88.2	70.5	105.7





#8
Acenaphthene
Concen: 0.048 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:153 Resp: 1688

Ion	Ratio	Lower	Upper
153	100		
152	51.7	39.6	59.4
154	92.2	70.6	106.0

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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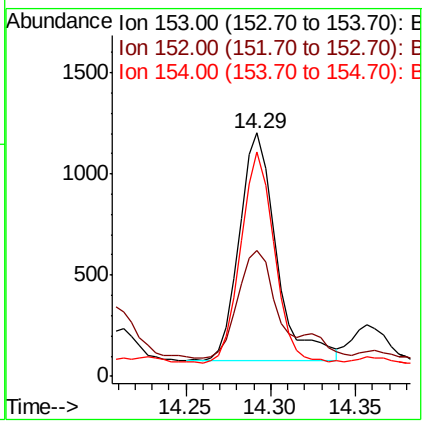
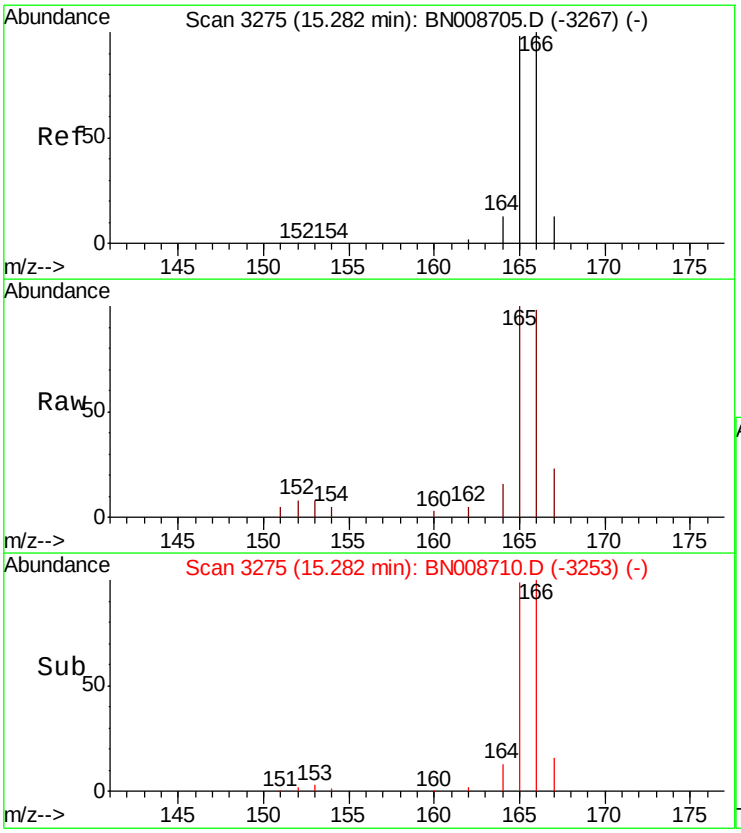
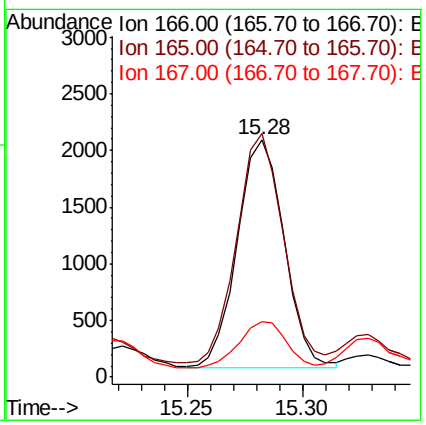


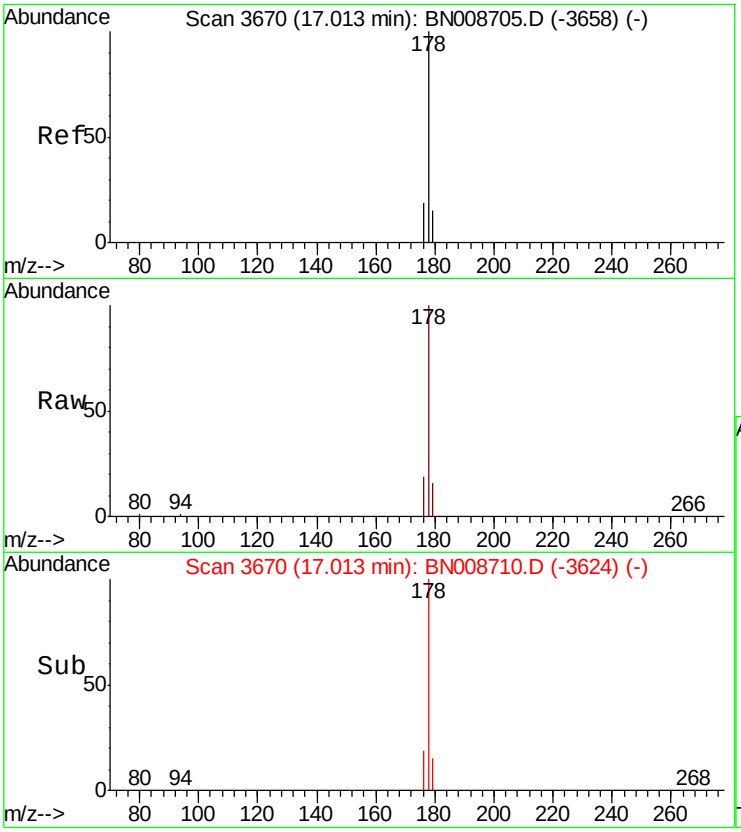


#9
Fluorene
Concen: 0.069 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:166 Resp: 2866

Ion	Ratio	Lower	Upper
166	100		
165	102.4	77.4	116.0
167	23.6	11.4	17.0#

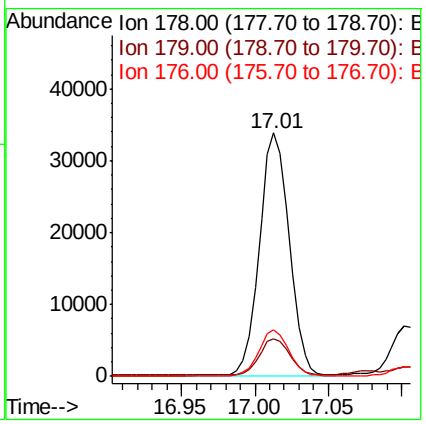




#12
Phenanthrene
Concen: 0.810 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:178 Resp: 47160

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.9	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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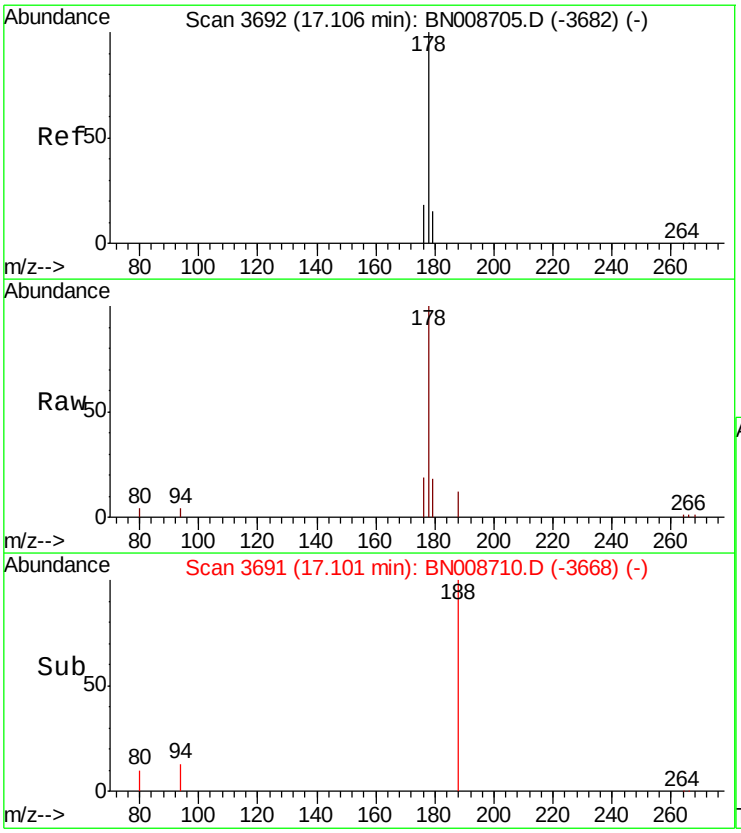
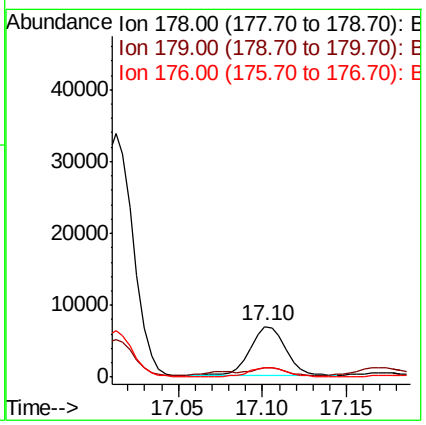
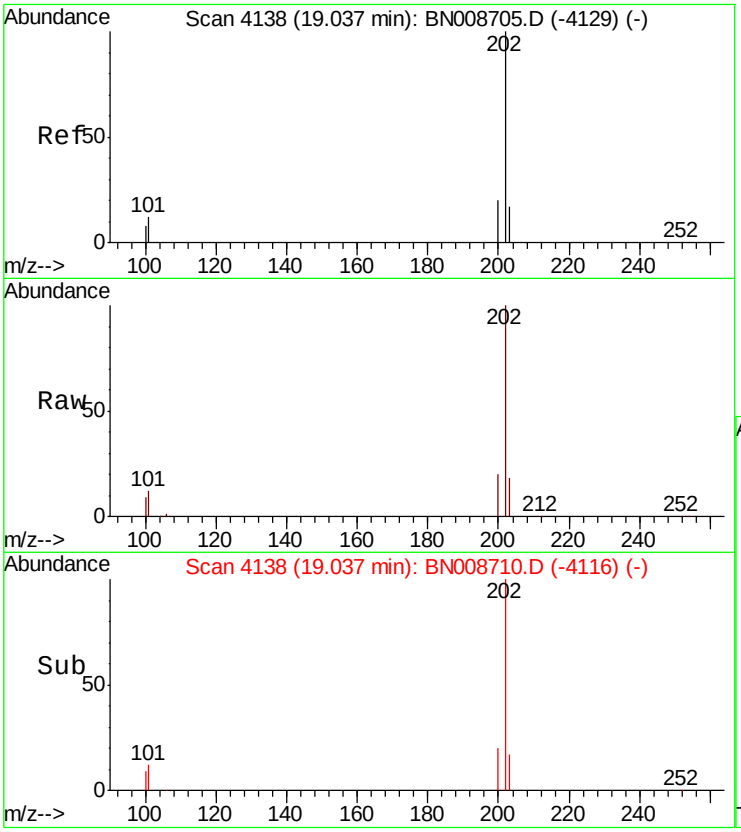


#13
Anthracene
Concen: 0.178 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:178 Resp: 9814

Ion	Ratio	Lower	Upper
178	100		
179	18.4	13.0	19.4
176	19.4	15.3	22.9

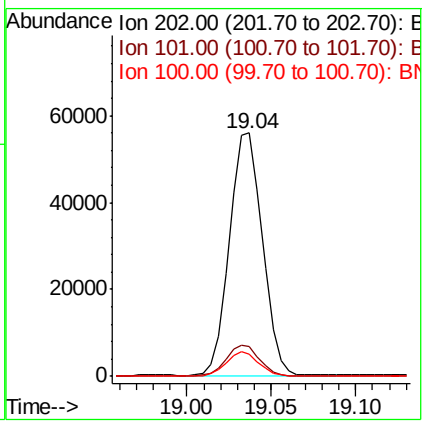




#15
Fluoranthene
Concen: 1.059 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:202 Resp: 75790

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.6
100	8.9	0.0	27.0



Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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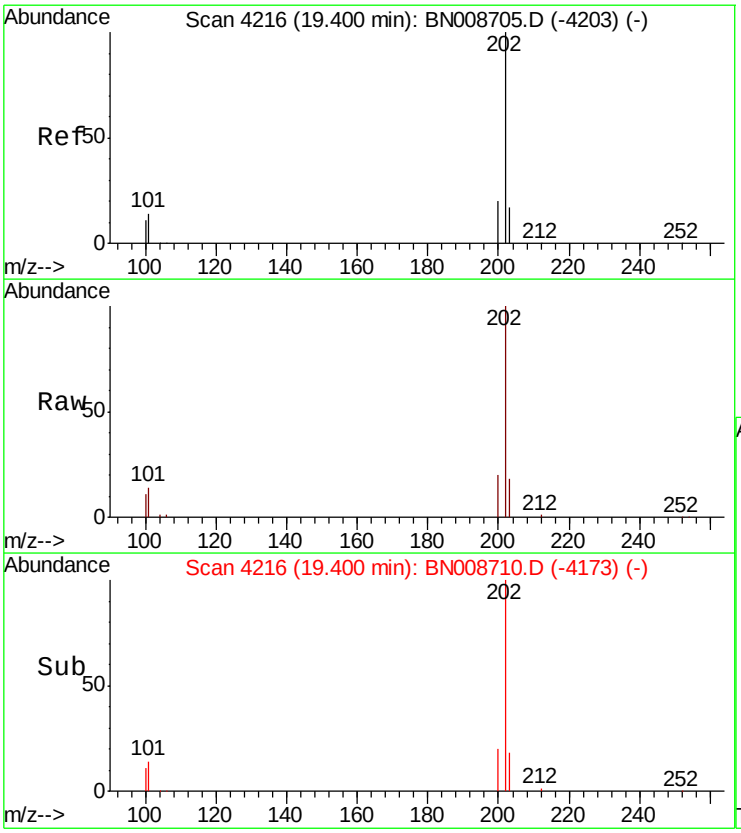
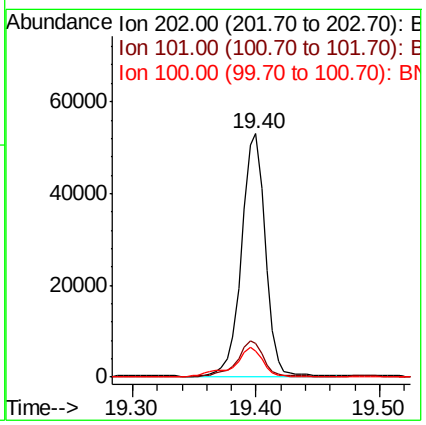
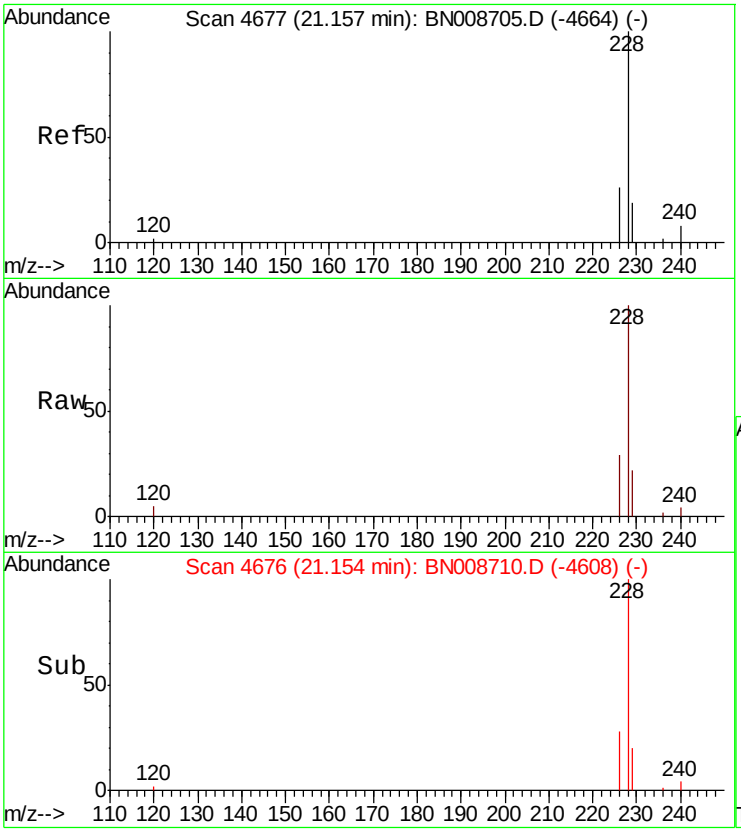


#17
Pyrene
Concen: 1.239 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:202 Resp: 71056

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.2	15.2
100	10.9	8.2	12.2

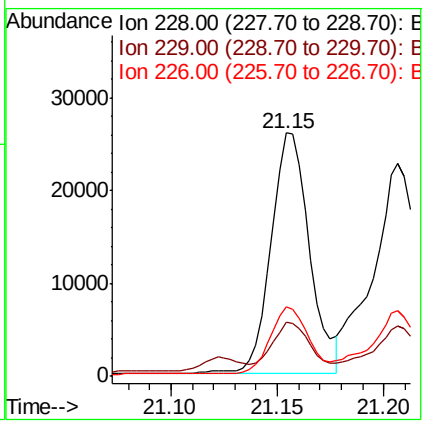




#18
Benzo(a)anthracene
Concen: 0.565 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:228 Resp: 32506

Ion	Ratio	Lower	Upper
228	100		
229	22.0	15.8	23.6
226	28.7	21.6	32.4



Instrument :
BNA_N
ClientSampleId :
C0AD0DL

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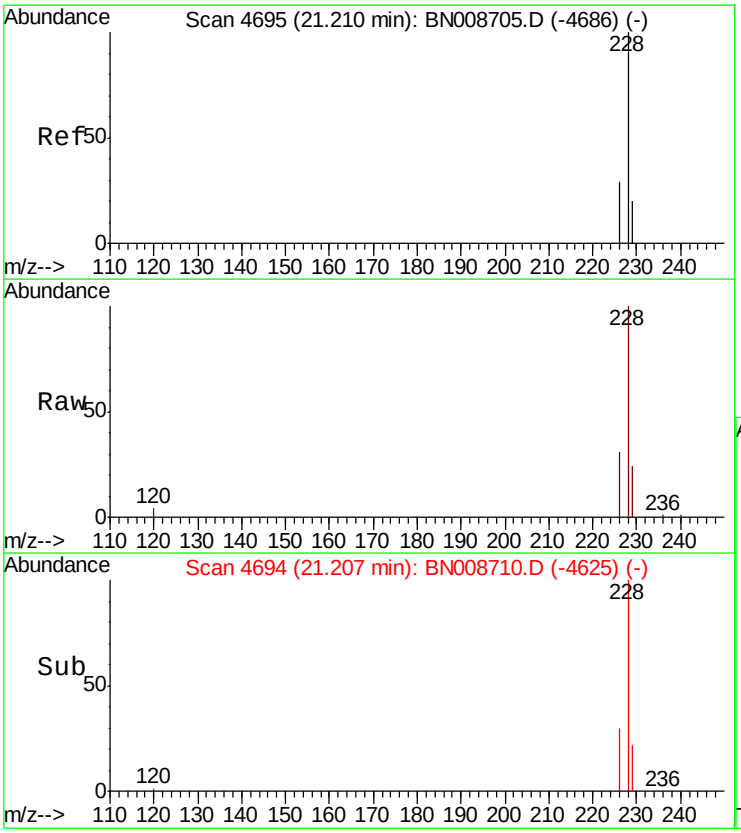
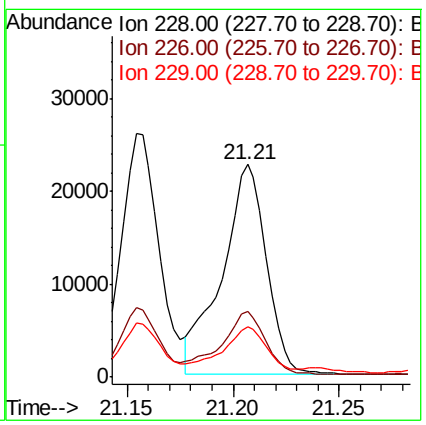
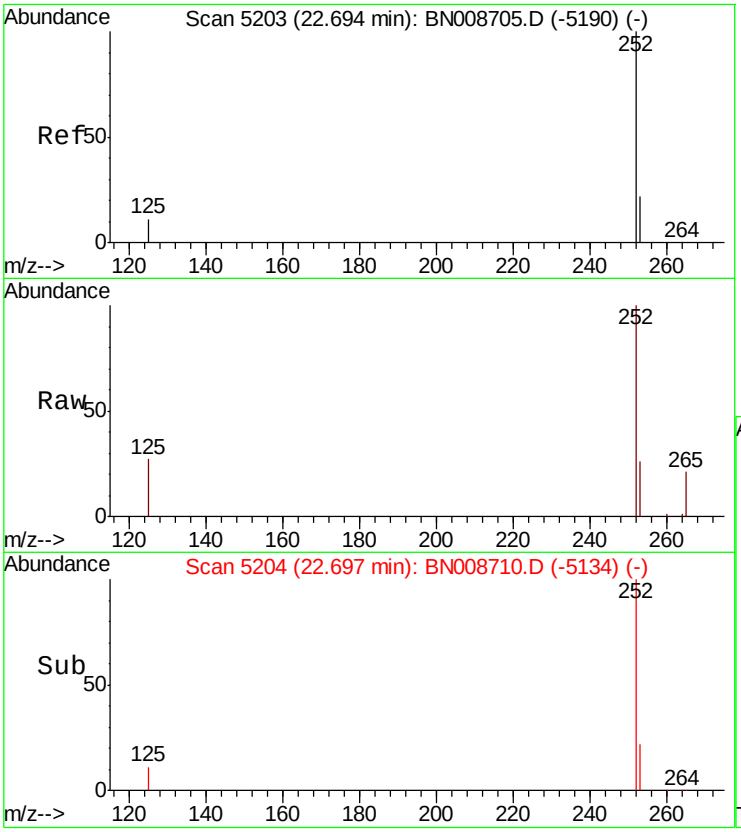


#19
Chrysene
Concen: 0.587 ng/ul m
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:228 Resp: 33148

Ion	Ratio	Lower	Upper
228	100		
226	30.7	24.5	36.7
229	23.7	15.5	23.3#





#21
Benzo(b)fluoranthene
Concen: 0.688 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.01 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:252 Resp: 41172

Ion	Ratio	Lower	Upper
252	100		
253	25.9	0.0	50.2
125	27.0	0.0	30.0

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
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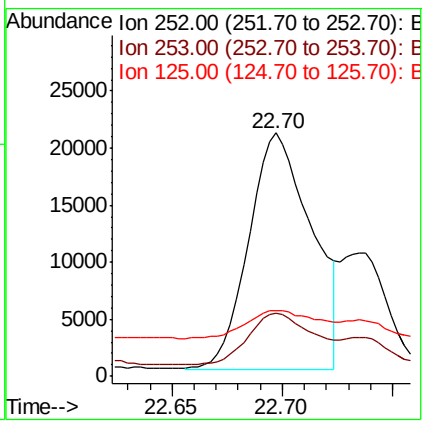
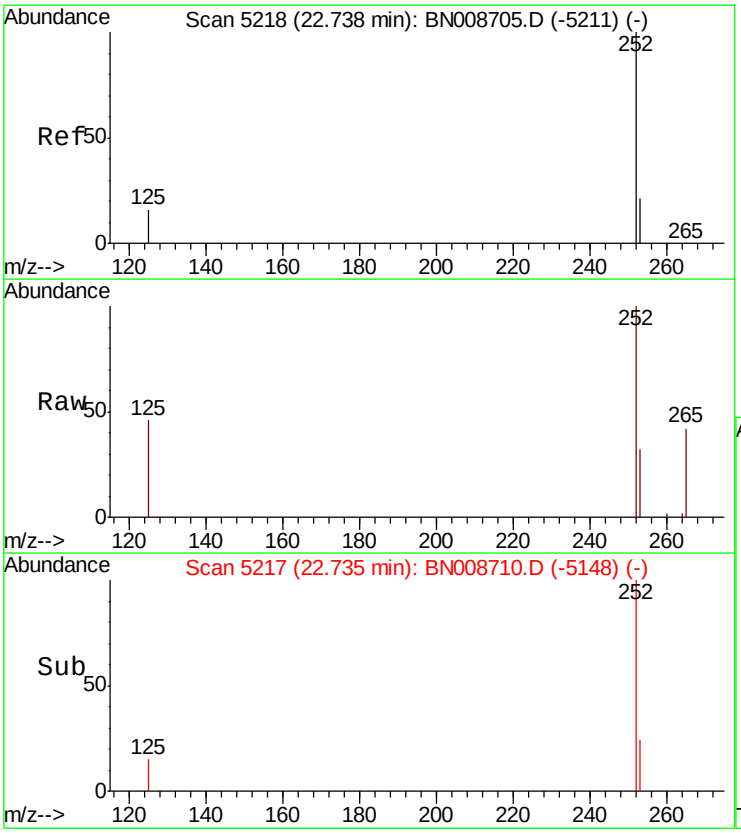
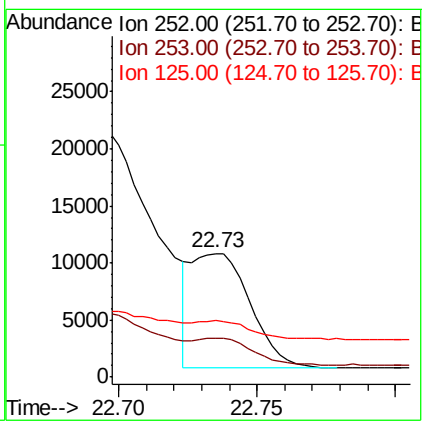


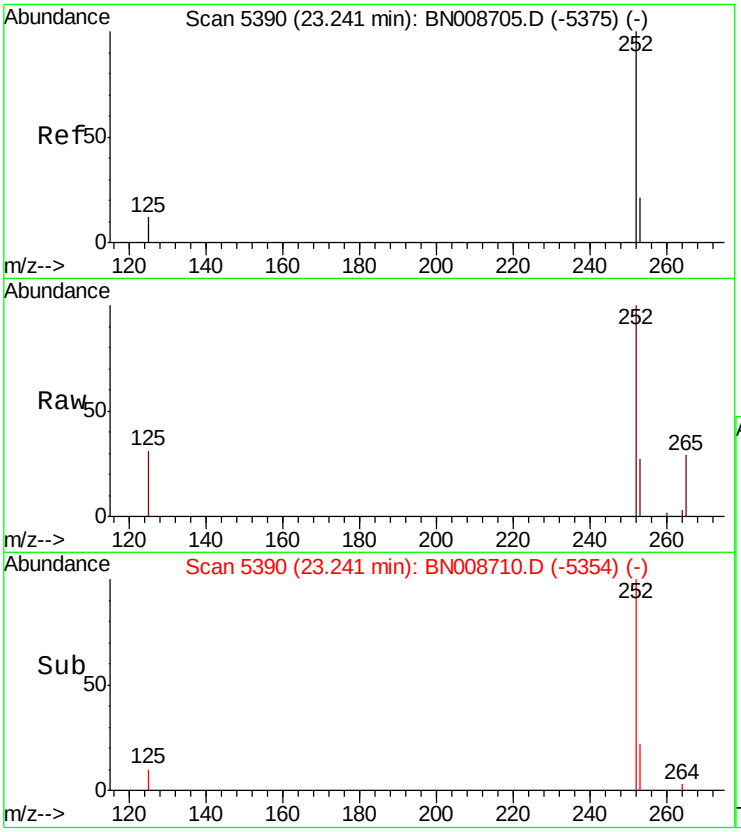


#22
Benzo(k)fluoranthene
Concen: 0.252 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:252 Resp: 14933

Ion	Ratio	Lower	Upper
252	100		
253	31.7	20.5	30.7#
125	46.2	15.0	22.4#





#23
Benzo(a)pyrene
Concen: 0.480 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. 0.01 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:252 Resp: 26927

Ion	Ratio	Lower	Upper
252	100		
253	27.3	21.4	32.2
125	30.7	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
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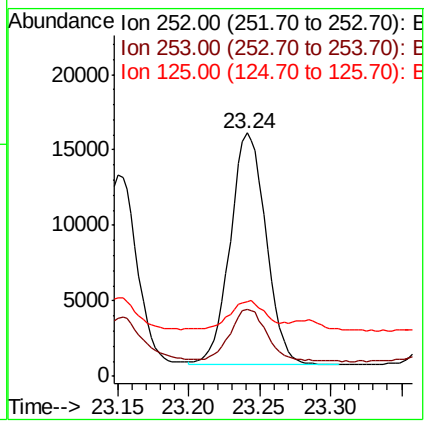
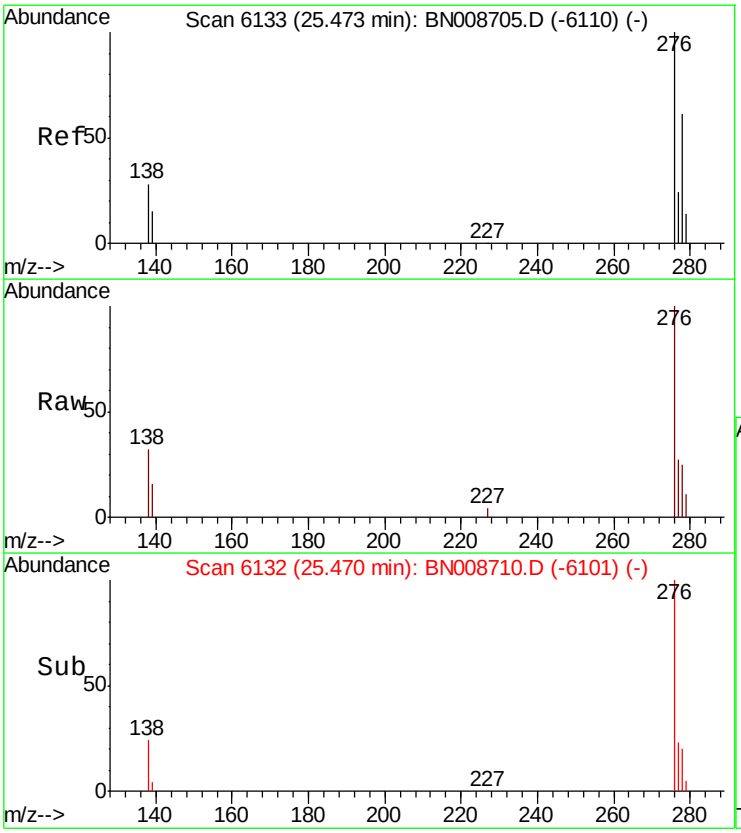
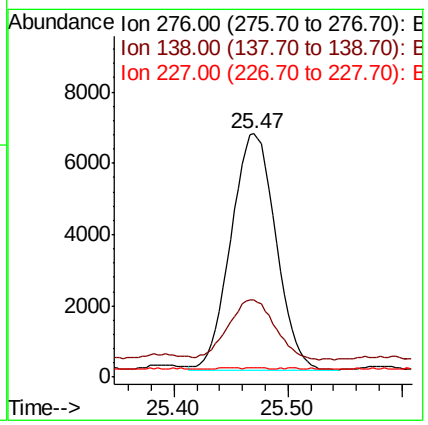


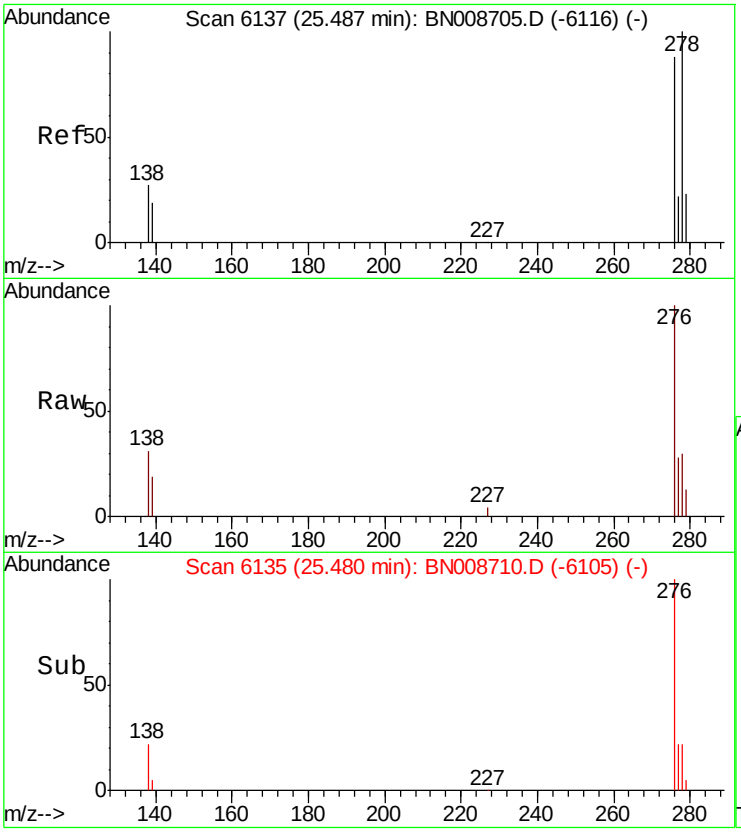


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.274 ng/ul
RT: 25.47 min Scan# 6132
Delta R.T. 0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:276 Resp: 17986

Ion	Ratio	Lower	Upper
276	100		
138	26.2	21.7	32.5
227	0.2	0.2	0.2





#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:278 Resp: 4879

Ion	Ratio	Lower	Upper
278	100		
139	63.3	18.7	28.1#
279	43.2	20.8	31.2#

Instrument :
BNA_N
ClientSampleId :
C0AD0DL

Manual Integrations APPROVED
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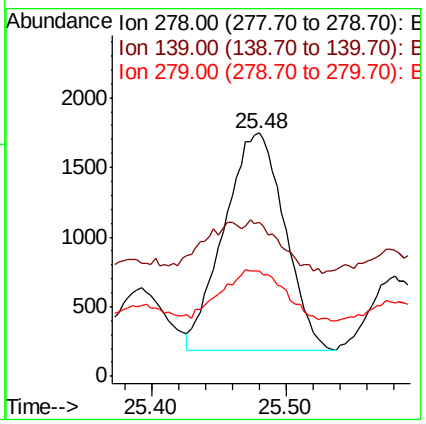
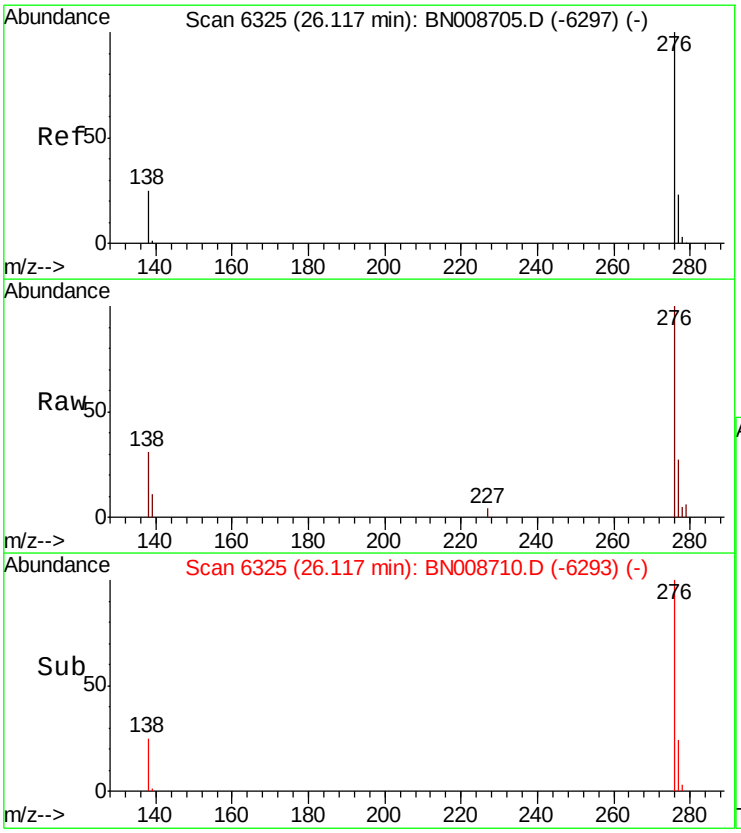
11/22/2019 3:24:09 PM





#26
Benzo(g,h,i)perylene
Concen: 0.331 ng/ul
RT: 26.12 min Scan# 6325
Delta R.T. 0.01 min
Lab File: BN008710.D
Acq: 22 Nov 2019 12:42

Tgt Ion:276 Resp: 18204

Ion	Ratio	Lower	Upper
276	100		
138	31.2	20.0	30.0#
277	26.6	20.0	30.0