Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008709.D
Acq On : 22 Nov 2019 12:06
Operator : JU
Sample : K5854-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:06 PM

Quant Time: Nov 22 14:01:32 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	4148	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14834	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8456	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17097	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14461	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	14867	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	771	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1940	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	10459	0.234	ng/ul	100
5) 2-Methylnaphthalene	12.03	142	6853	0.219	ng/ul	100
7) Acenaphthylene	13.95	152	3185	0.068	ng/ul#	92
8) Acenaphthene	14.29	153	1174	0.034	ng/ul	96
9) Fluorene	15.28	166	1780	0.044	ng/ul#	90
12) Phenanthrene	17.01	178	20806	0.361	ng/ul	98
13) Anthracene	17.11	178	6544	0.120	ng/ul	96
15) Fluoranthene	19.04	202	42233	0.596	ng/ul	94
17) Pyrene	19.40	202	44105	0.760	ng/ul	98
18) Benzo(a)anthracene	21.15	228	24325	0.418	ng/ul	96
19) Chrysene	21.21	228	24254m	0.425	ng/ul	
21) Benzo(b)fluoranthene	22.70	252	33734m	0.550	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	12148m	0.200	ng/ul	
23) Benzo(a)pyrene	23.24	252	21365	0.371	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.47	276	13867	0.206	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.48	278	3524	0.065	ng/ul#	25
26) Benzo(g,h,i)perylene	26.12	276	13204	0.235	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008709.D
Acq On : 22 Nov 2019 12:06
Operator : JU
Sample : K5854-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Quant Time: Nov 22 14:01:32 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 :
C0AC2DL

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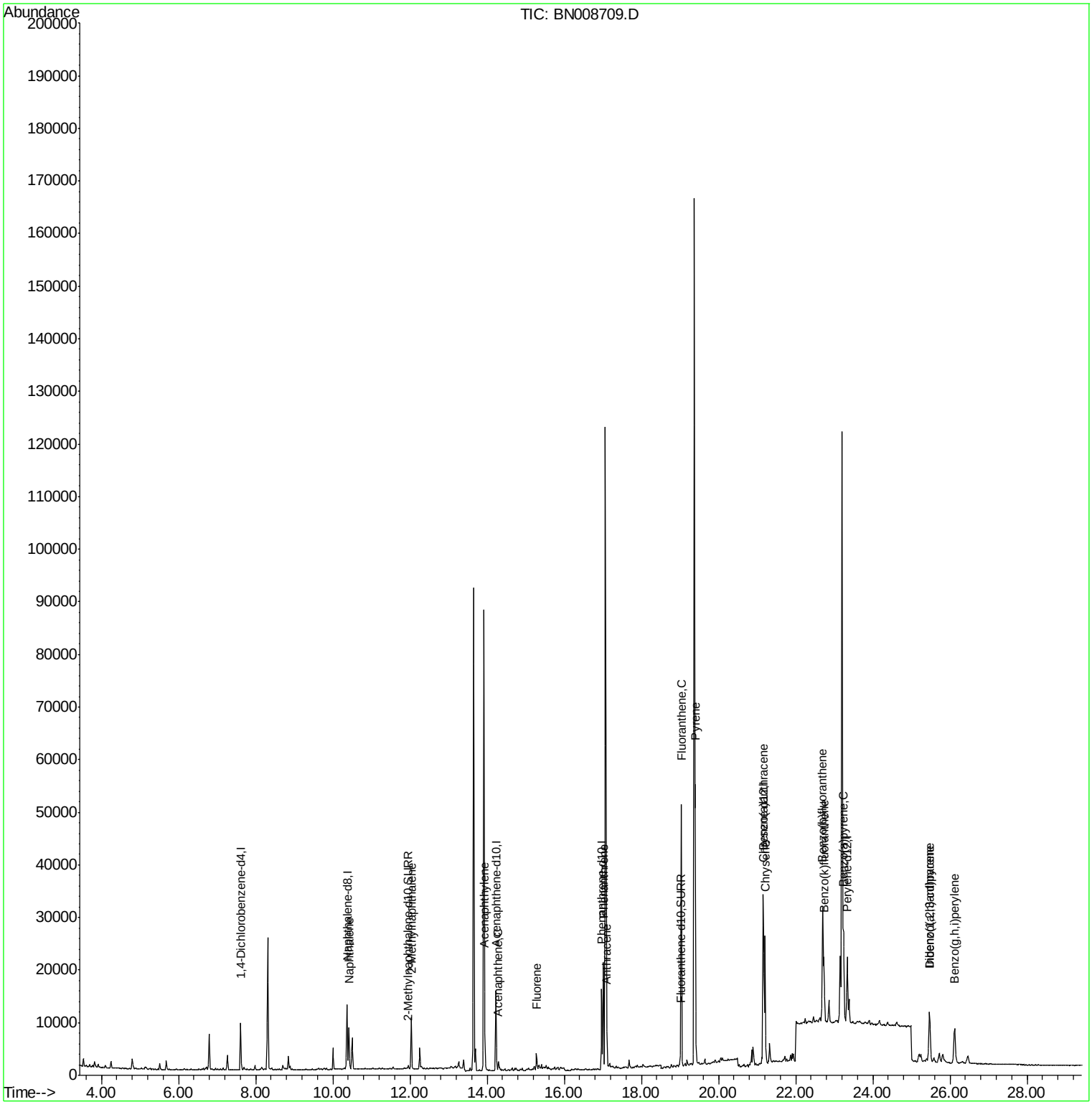

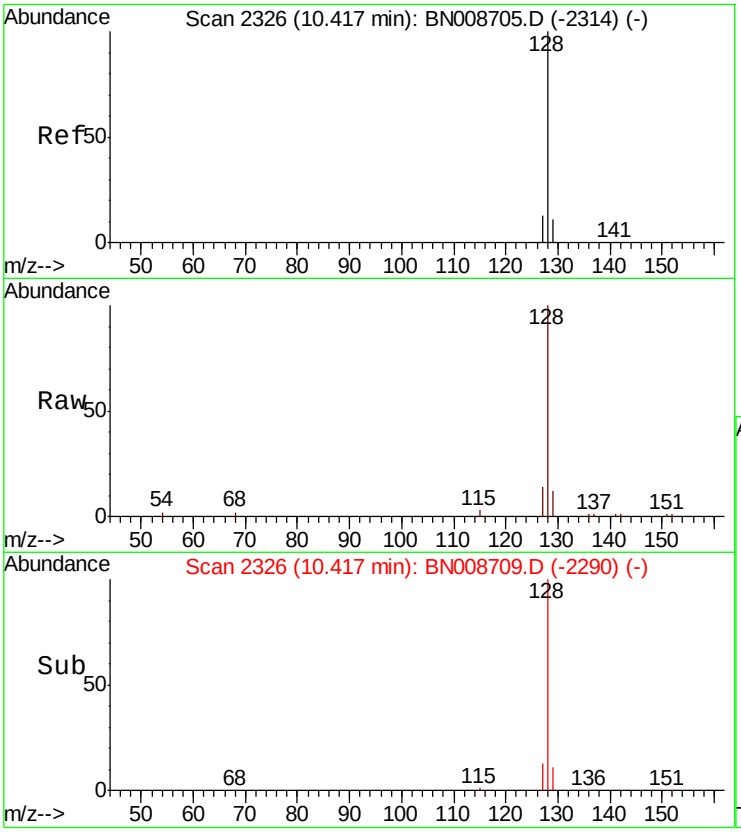

#3
Naphthalene
Concen: 0.234 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:128 Resp: 10459

Ion	Ratio	Lower	Upper
128	100		
129	12.2	9.7	14.5
127	13.6	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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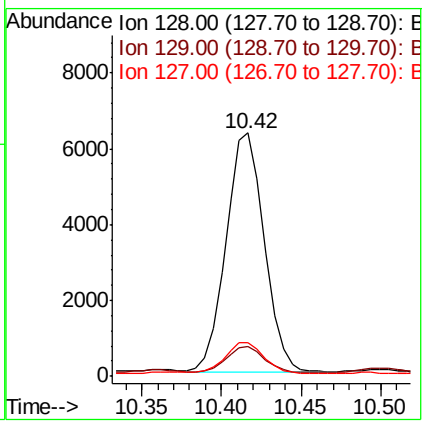
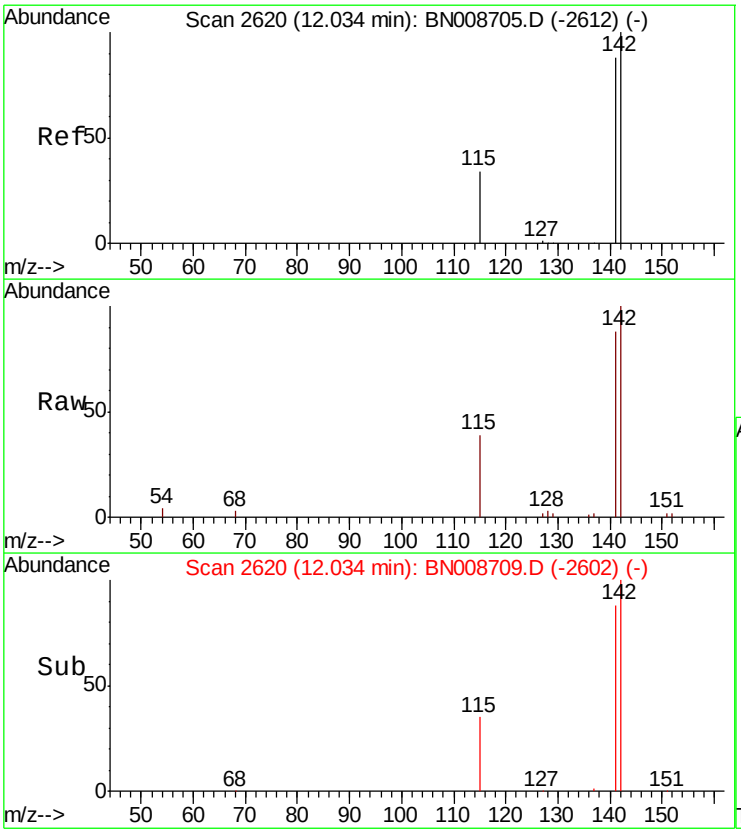
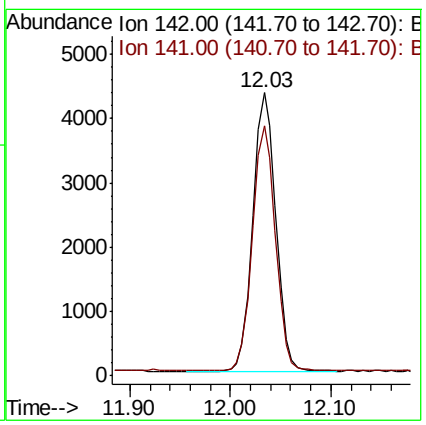


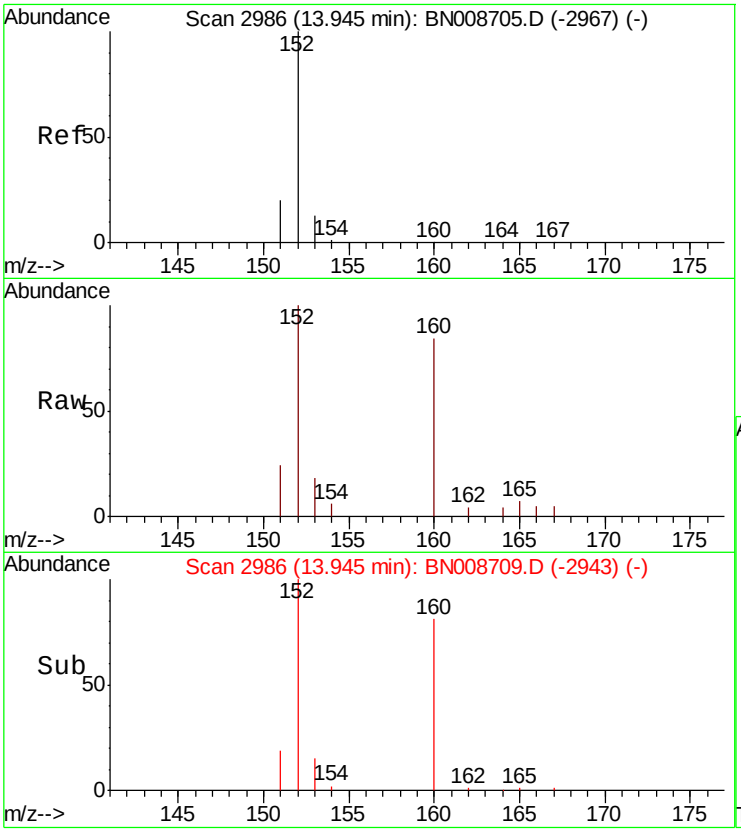


#5
2-Methylnaphthalene
Concen: 0.219 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:142 Resp: 6853

Ion	Ratio	Lower	Upper
142	100		
141	88.3	70.5	105.7





#7
Acenaphthylene
Concen: 0.068 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:152 Resp: 3185

Ion	Ratio	Lower	Upper
152	100		
151	23.6	16.6	24.8
153	18.2	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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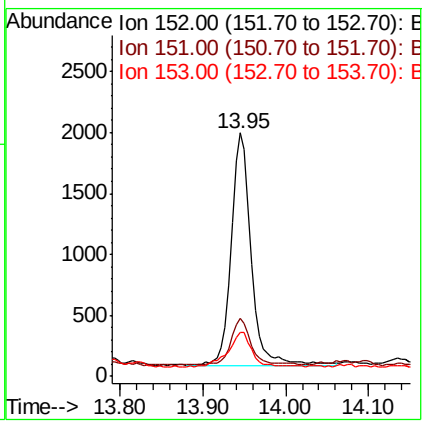
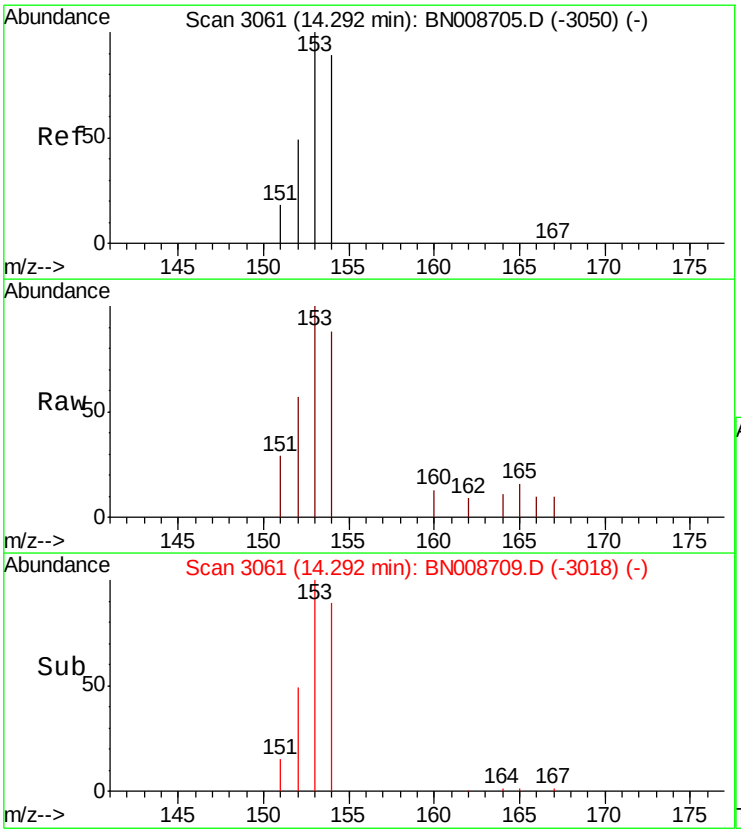
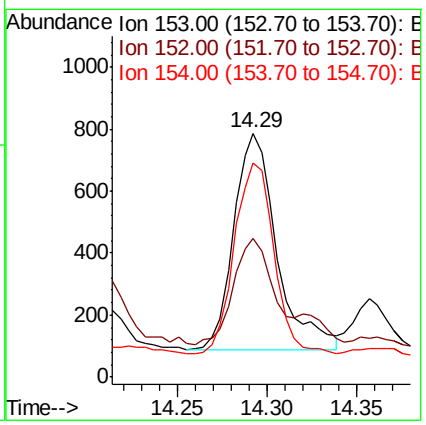


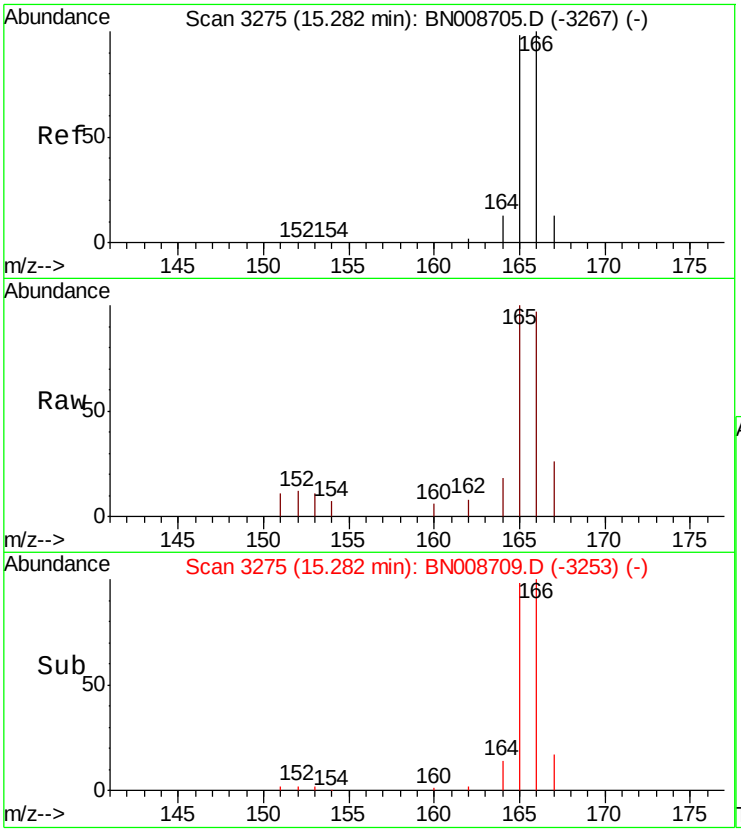


#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:153 Resp: 1174

Ion	Ratio	Lower	Upper
153	100		
152	56.7	39.6	59.4
154	87.9	70.6	106.0

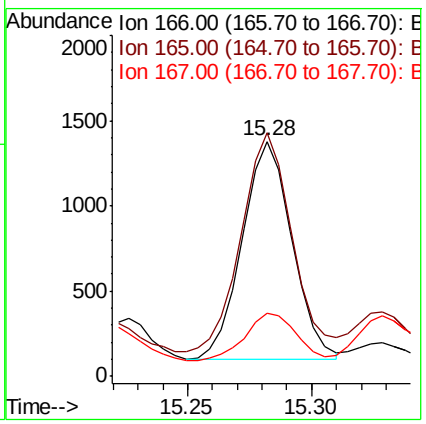




#9
Fluorene
Concen: 0.044 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:166 Resp: 1780

Ion	Ratio	Lower	Upper
166	100		
165	103.5	77.4	116.0
167	27.1	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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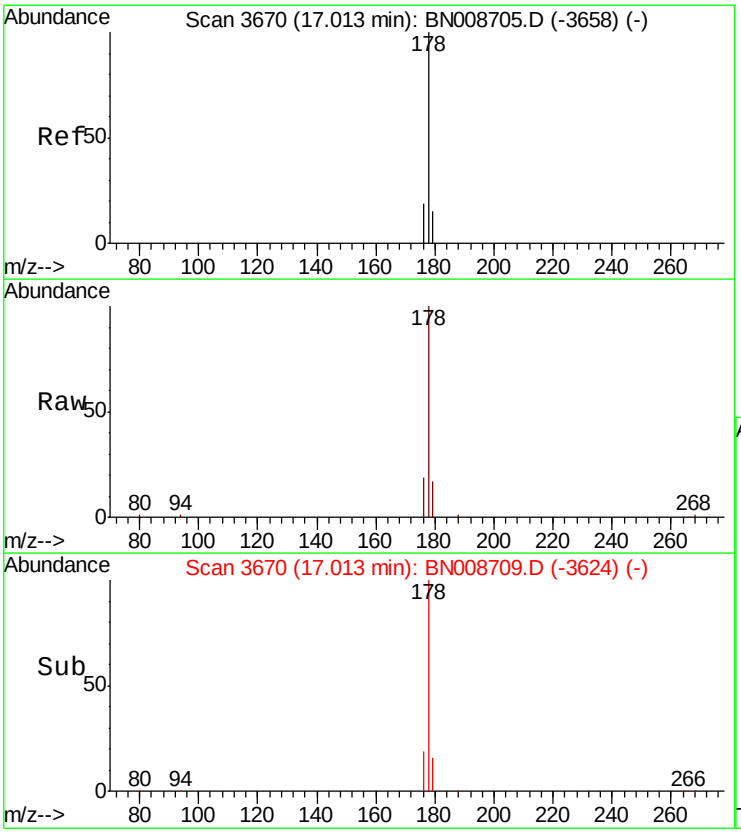
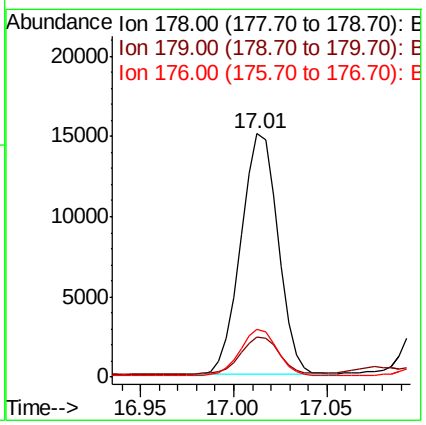
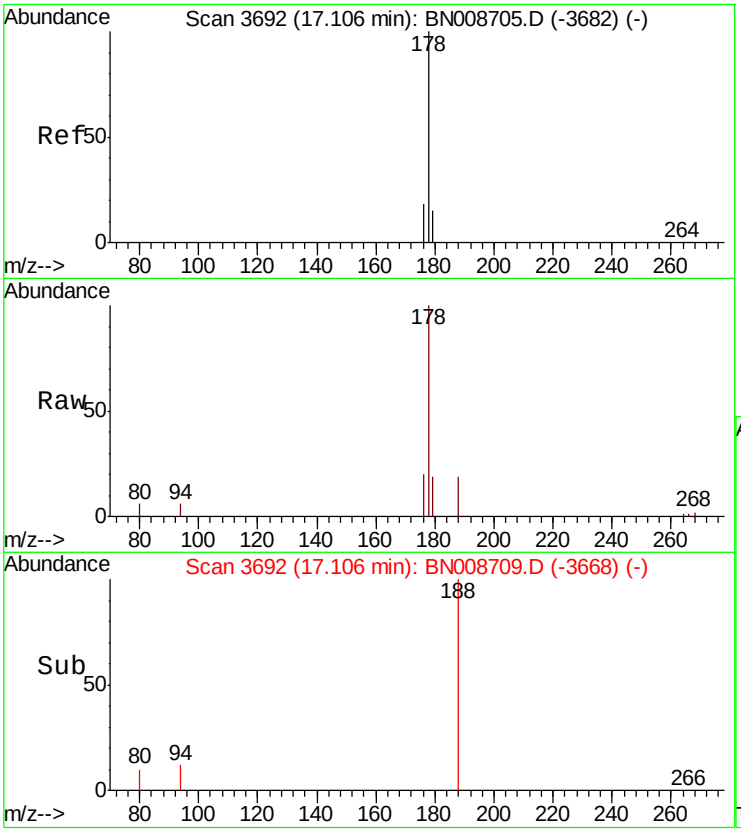


#12
Phenanthrene
Concen: 0.361 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:178 Resp: 20806

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.8	19.2
176	19.4	16.0	24.0

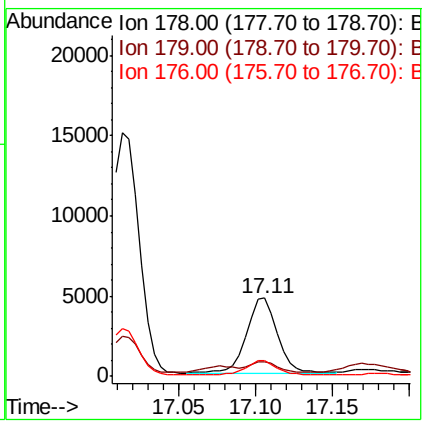




#13
Anthracene
Concen: 0.120 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:178 Resp: 6544

Ion	Ratio	Lower	Upper
178	100		
179	19.4	13.0	19.4
176	19.6	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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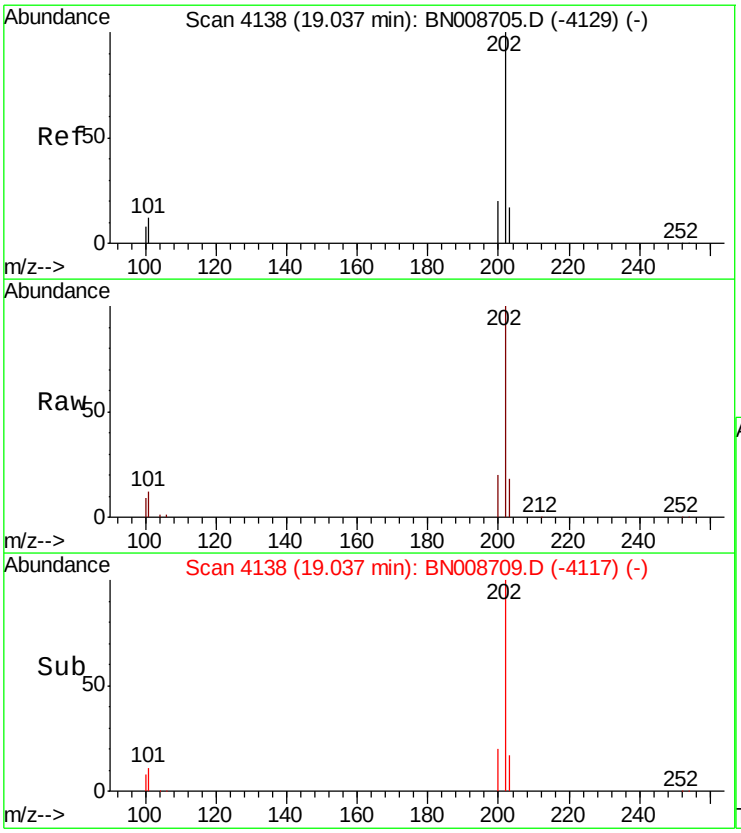
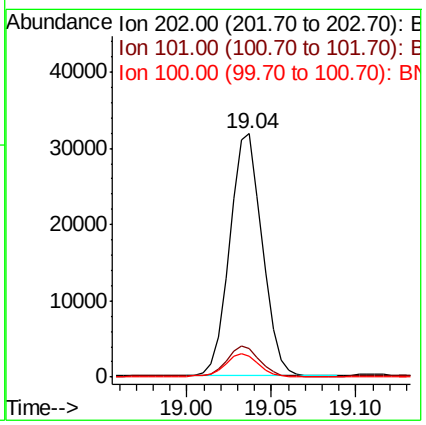
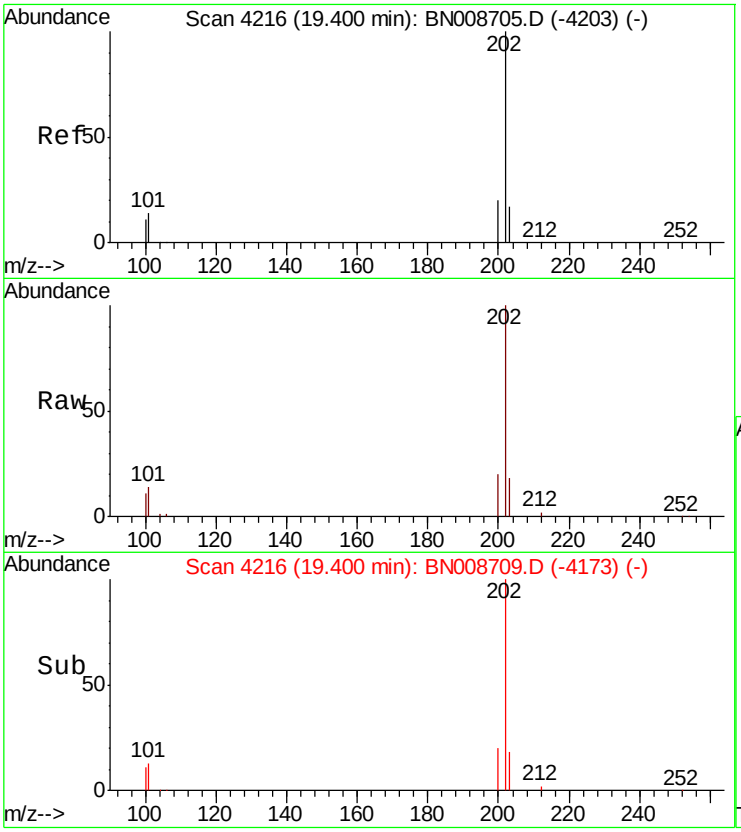


#15
Fluoranthene
Concen: 0.596 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:202 Resp: 42233

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	29.6
100	8.7	0.0	27.0





#17
Pyrene
Concen: 0.760 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:202 Resp: 44105

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.2	15.2
100	11.1	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

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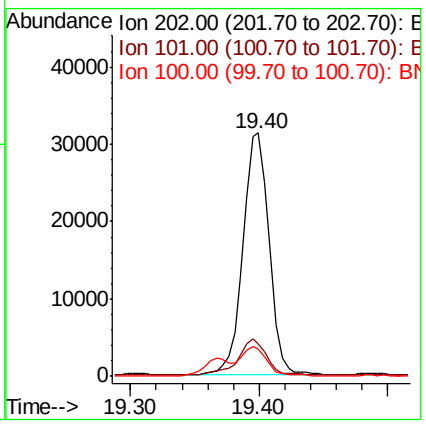
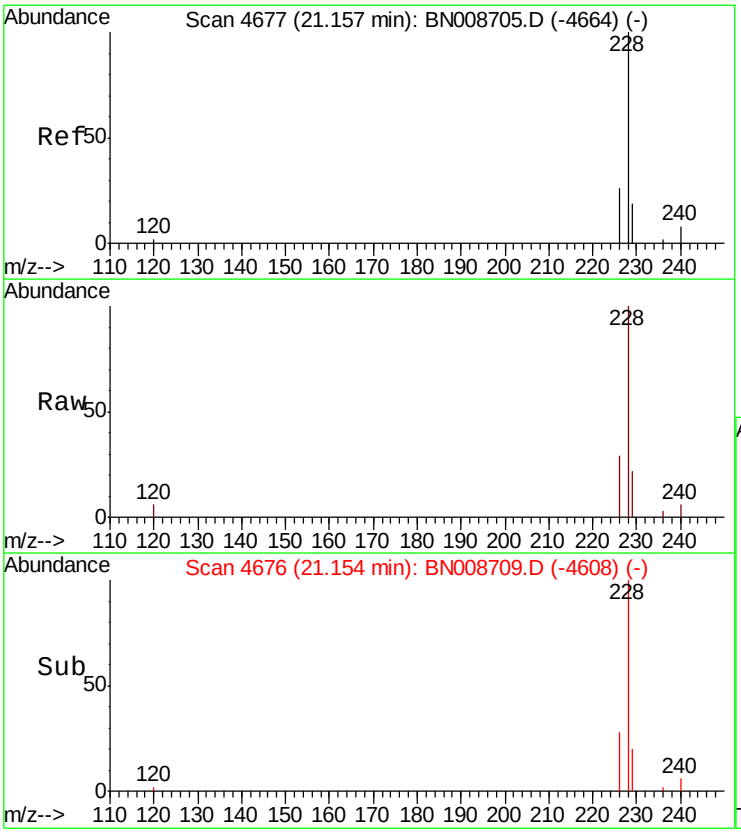
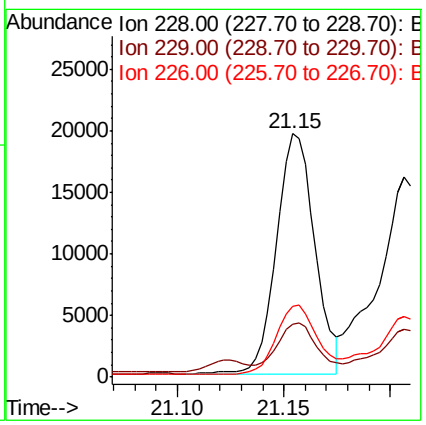


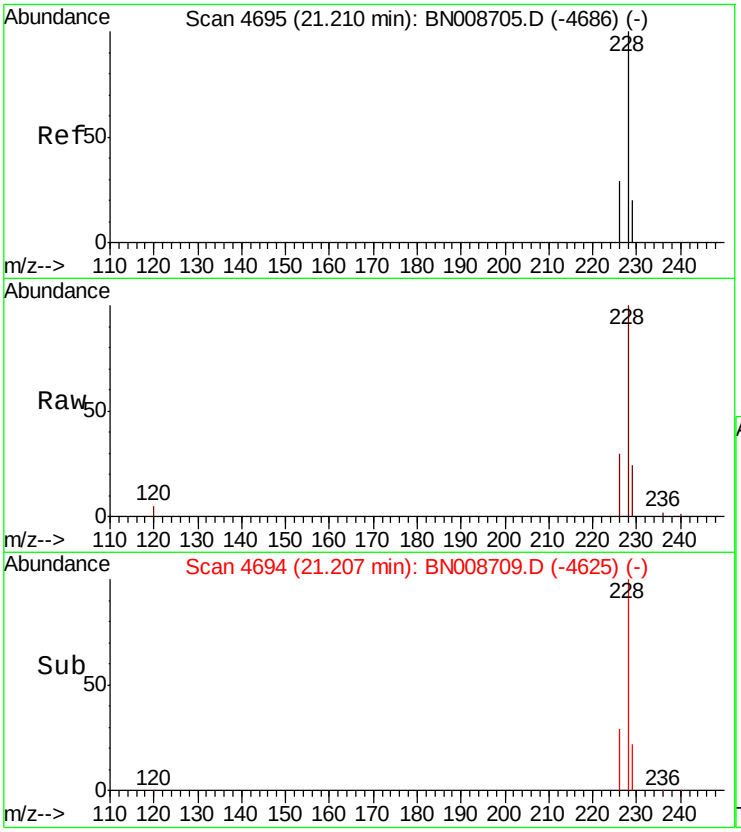


#18
Benzo(a)anthracene
Concen: 0.418 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:228 Resp: 24325

Ion	Ratio	Lower	Upper
228	100		
229	21.8	15.8	23.6
226	29.1	21.6	32.4





#19
Chrysene
Concen: 0.425 ng/ul m
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:228 Resp: 24254

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.5	36.7
229	23.8	15.5	23.3#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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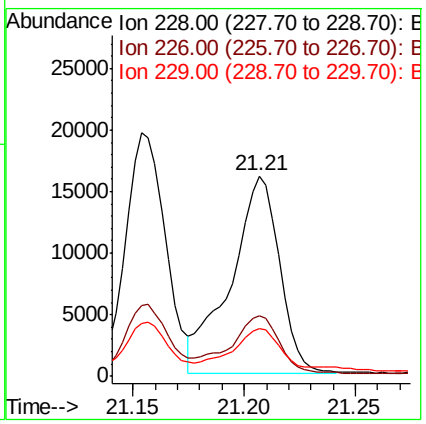
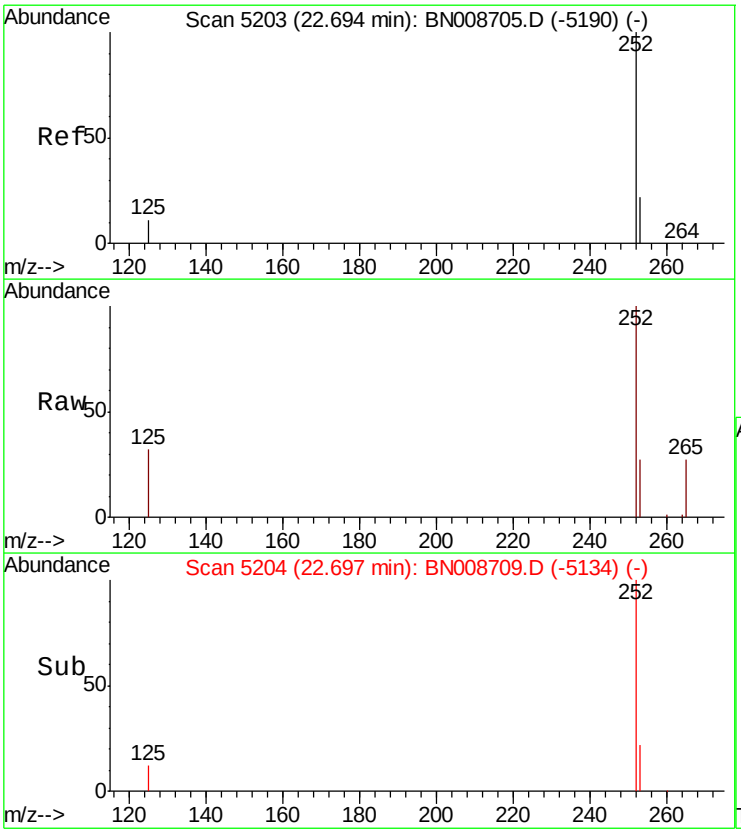
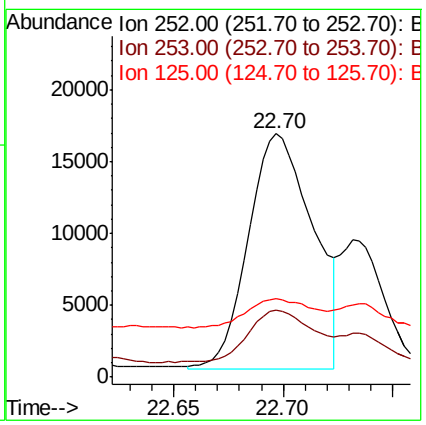


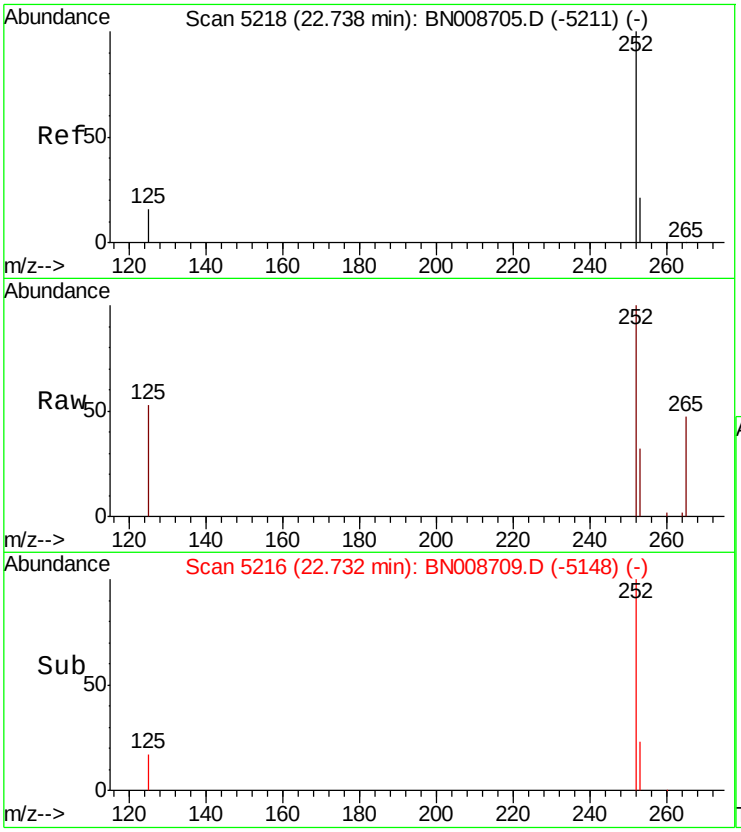


#21
Benzo(b)fluoranthene
Concen: 0.550 ng/ul m
RT: 22.70 min Scan# 5204
Delta R.T. 0.01 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:252 Resp: 33734

Ion	Ratio	Lower	Upper
252	100		
253	27.5	0.0	50.2
125	32.4	0.0	30.0#





#22
Benzo(k)fluoranthene
Concen: 0.200 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:252 Resp: 12148

Ion	Ratio	Lower	Upper
252	100		
253	32.1	20.5	30.7#
125	53.0	15.0	22.4#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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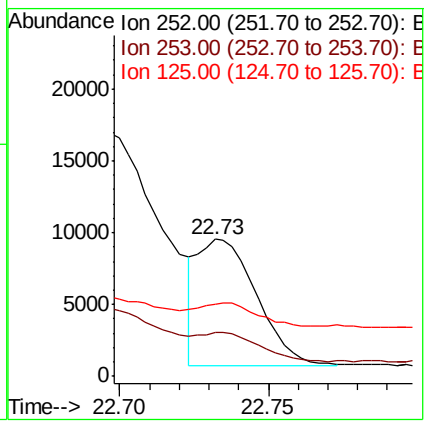
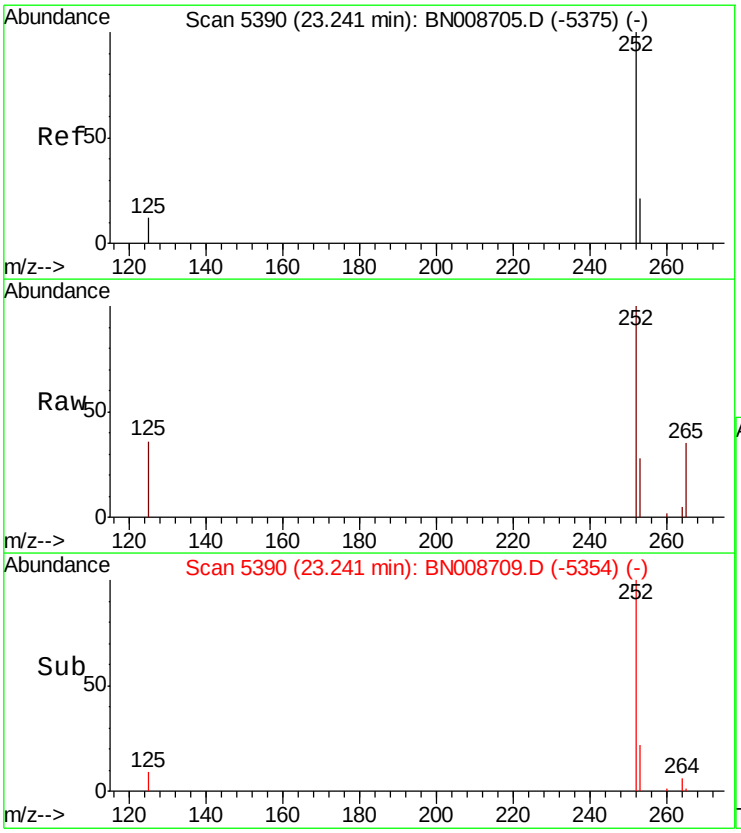
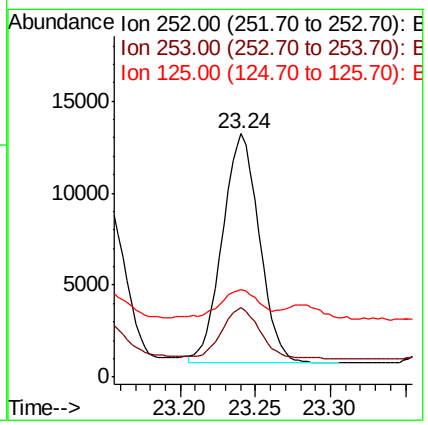


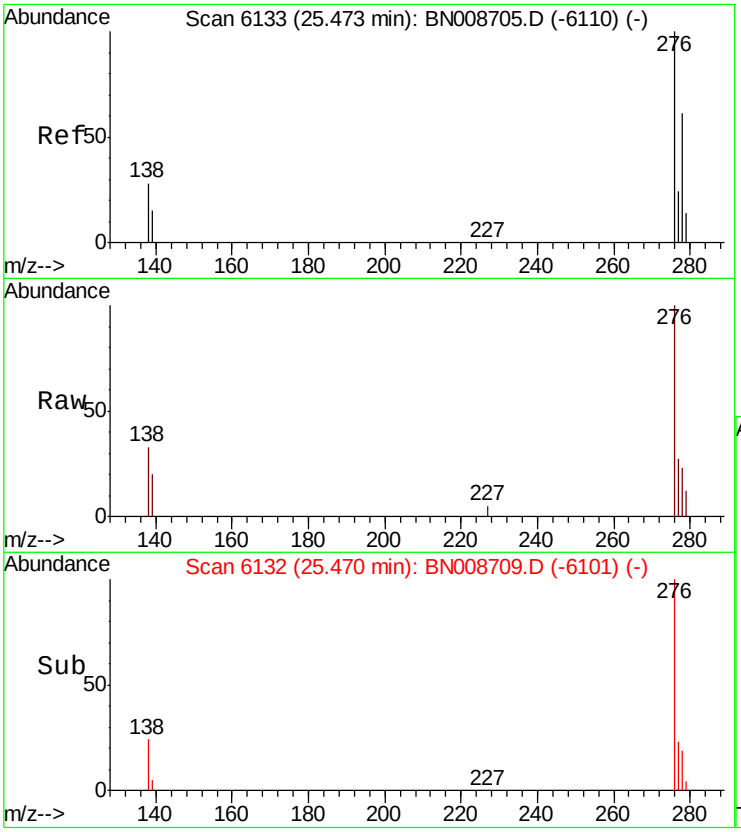


#23
Benzo(a)pyrene
Concen: 0.371 ng/ul
RT: 23.24 min Scan# 5390
Delta R.T. 0.01 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:252 Resp: 21365

Ion	Ratio	Lower	Upper
252	100		
253	28.4	21.4	32.2
125	35.7	13.8	20.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.206 ng/ul
RT: 25.47 min Scan# 6132
Delta R.T. 0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:276 Resp: 13867

Ion	Ratio	Lower	Upper
276	100		
138	26.4	21.7	32.5
227	0.4	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
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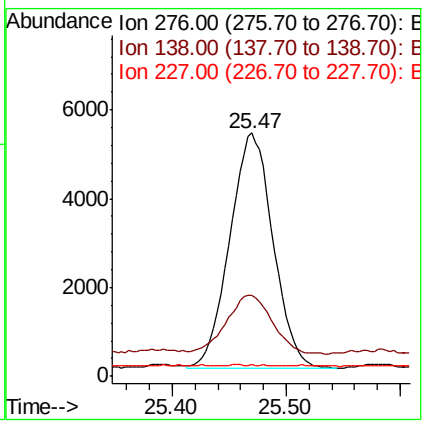
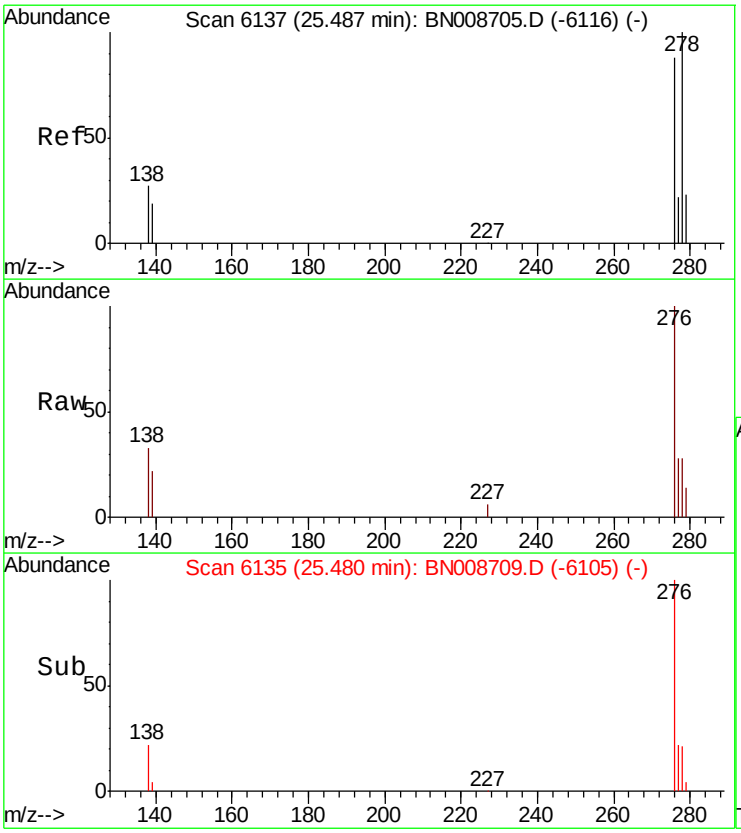
11/22/2019 3:24:06 PM

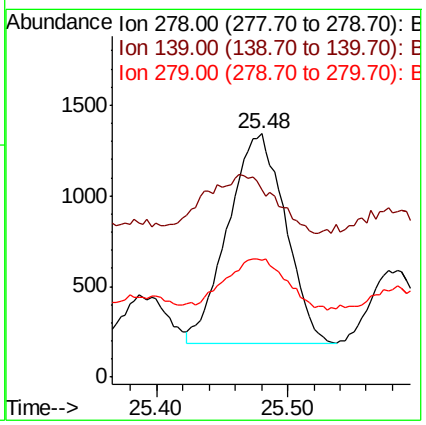


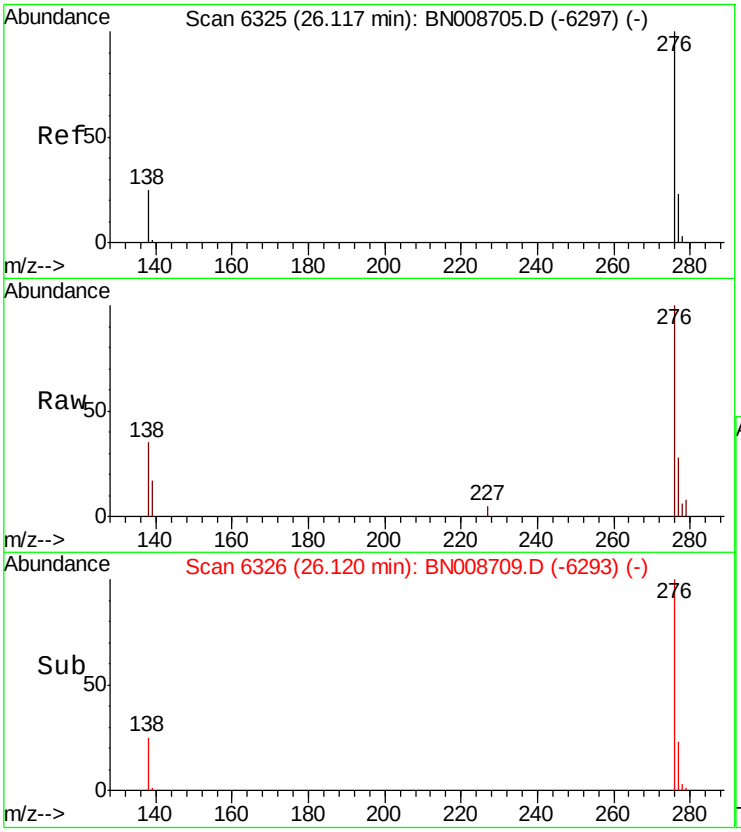


#25
Dibenzo(a,h)anthracene
Concen: 0.065 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:278 Resp: 3524

Ion	Ratio	Lower	Upper
278	100		
139	77.0	18.7	28.1#
279	48.2	20.8	31.2#

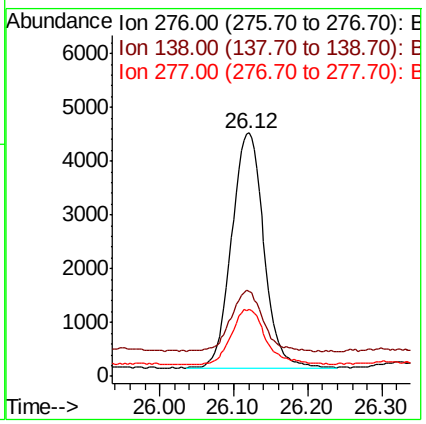




#26
Benzo(g,h,i)perylene
Concen: 0.235 ng/ul
RT: 26.12 min Scan# 6326
Delta R.T. 0.01 min
Lab File: BN008709.D
Acq: 22 Nov 2019 12:06

Tgt Ion:276 Resp: 13204

Ion	Ratio	Lower	Upper
276	100		
138	34.6	20.0	30.0#
277	27.7	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AC2DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:06 PM