Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
Data File : BN008672.D
Acq On : 20 Nov 2019 22:08
Operator : JU
Sample : K5851-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
mohammad
11/21/2019 1:06:30 PM

Quant Time: Nov 21 01:13:25 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	4001	0.40	ng/ul	0.00
2) Naphthalene-d8	10.38	136	15081	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8308	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	17075	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13975	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	13940	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3859	0.16	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	8524	0.16	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	1133	0.025	ng/ul#	80
7) Acenaphthylene	13.95	152	2601	0.057	ng/ul#	92
12) Phenanthrene	17.02	178	13667	0.237	ng/ul	100
13) Anthracene	17.11	178	3294m	0.061	ng/ul	
15) Fluoranthene	19.04	202	35522	0.502	ng/ul	92
17) Pyrene	19.41	202	32032	0.571	ng/ul	99
18) Benzo(a)anthracene	21.16	228	14742	0.262	ng/ul	95
19) Chrysene	21.22	228	15202	0.275	ng/ul	96
21) Benzo(b)fluoranthene	22.71	252	18896m	0.329	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	6826m	0.120	ng/ul	
23) Benzo(a)pyrene	23.25	252	13038	0.242	ng/ul#	80
24) Indeno(1,2,3-cd)pyrene	25.49	276	9105	0.144	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.49	278	2115	0.042	ng/ul#	1
26) Benzo(g,h,i)perylene	26.14	276	8832	0.167	ng/ul#	88

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112019\
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Acq On : 20 Nov 2019 22:08
Operator : JU
Sample : K5851-11
Misc :
ALS Vial : 20 Sample Multiplier: 1

Quant Time: Nov 21 01:13:25 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 : Wed Nov 20 04:45:41 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA9

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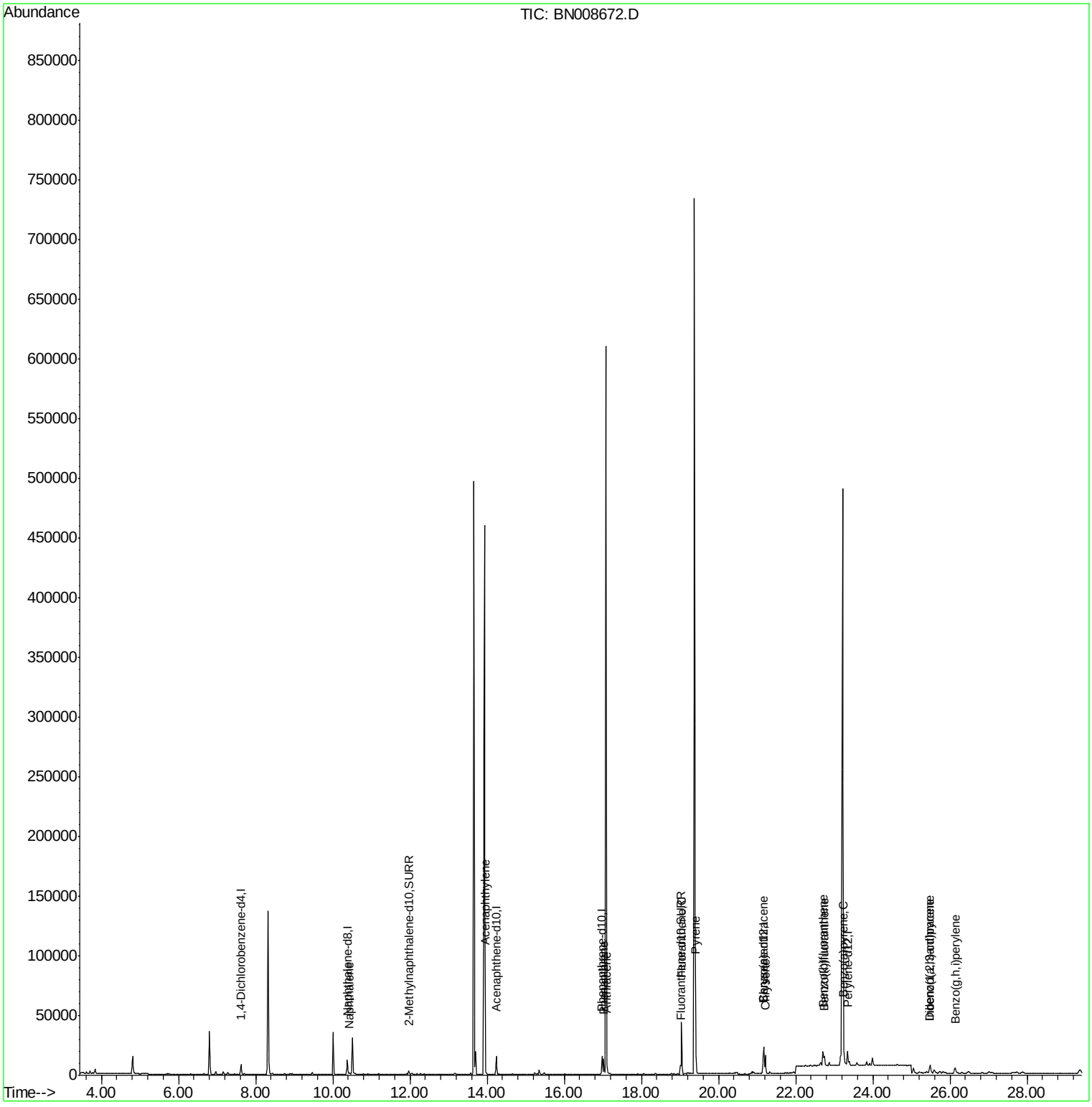

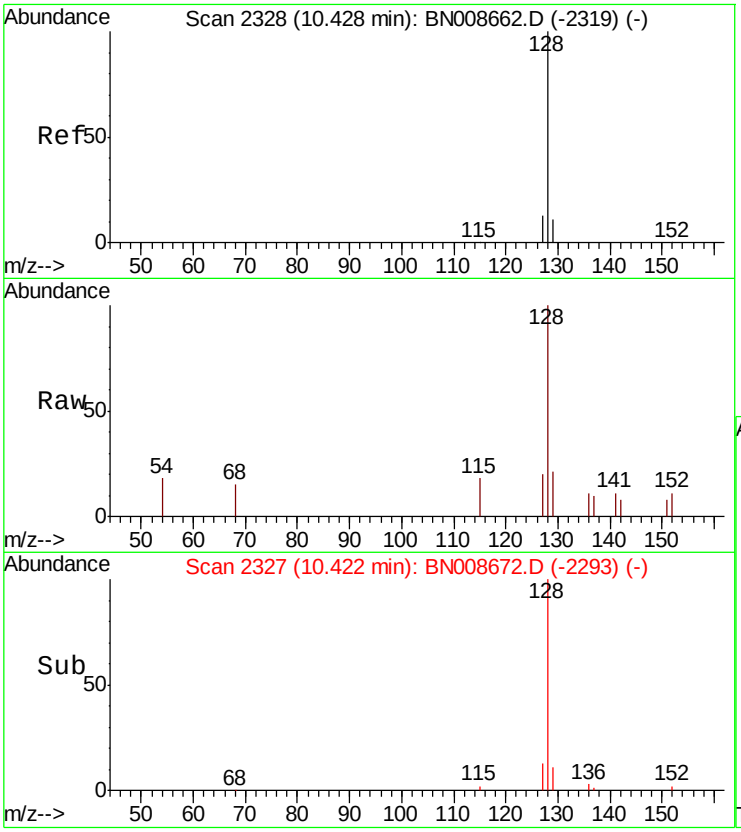

#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. -0.01 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:128 Resp: 1133

Ion	Ratio	Lower	Upper
128	100		
129	21.4	9.7	14.5#
127	20.3	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0AA9

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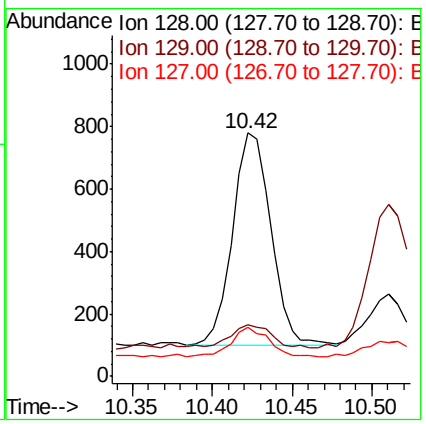
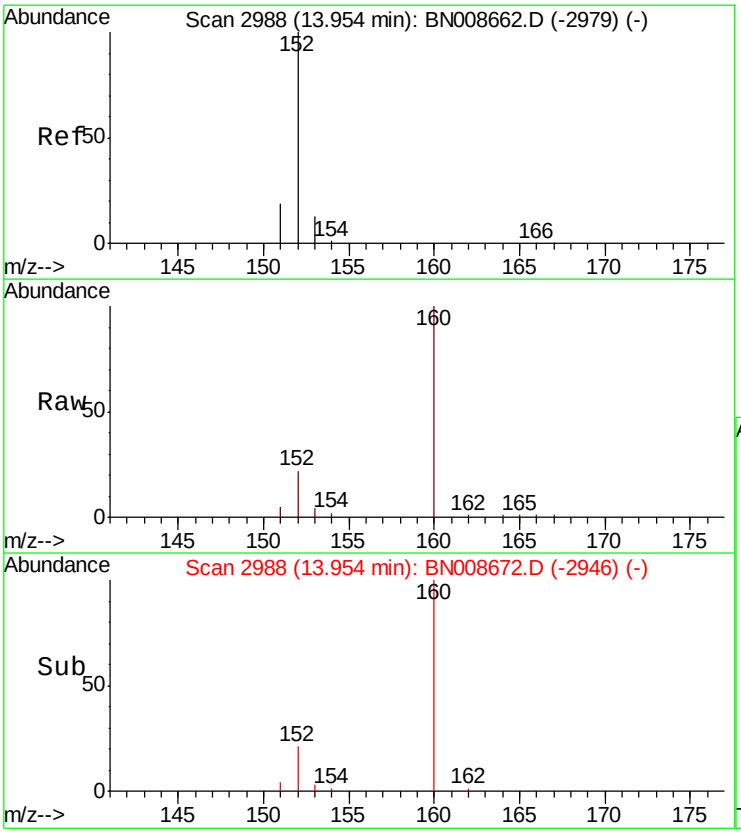
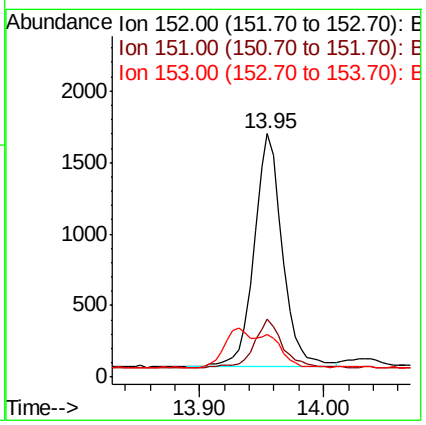


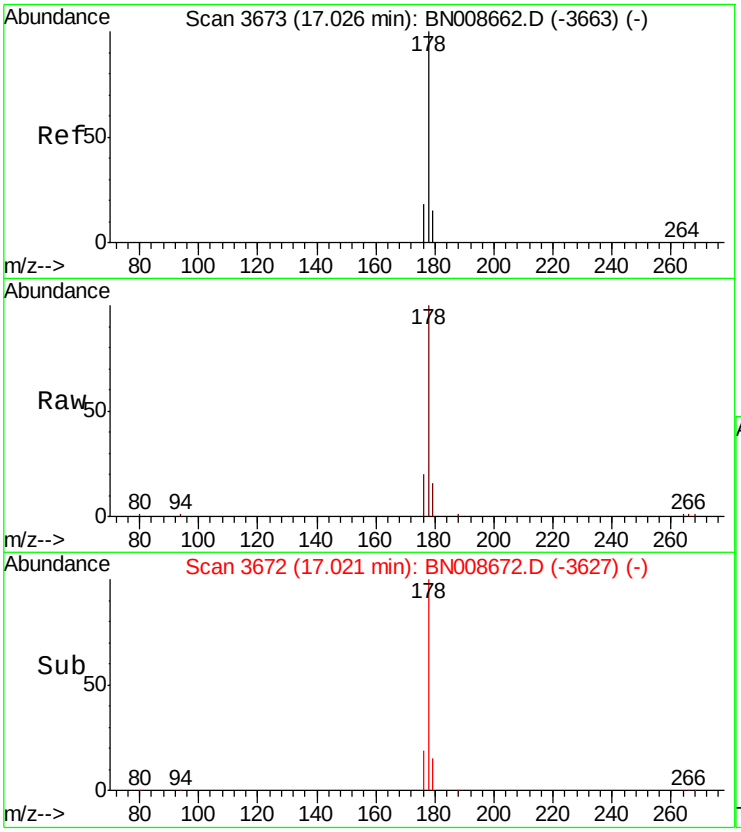


#7
Acenaphthylene
Concen: 0.057 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:152 Resp: 2601

Ion	Ratio	Lower	Upper
152	100		
151	23.9	16.6	24.8
153	17.5	11.1	16.7#

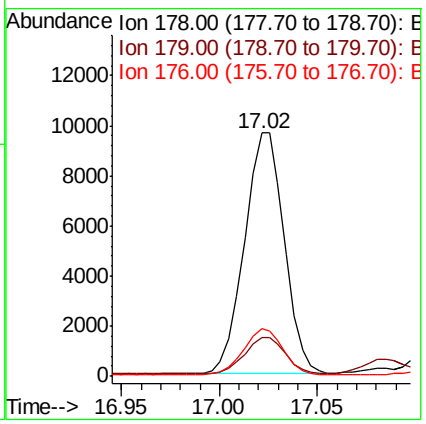




#12
Phenanthrene
Concen: 0.237 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. -0.01 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:178 Resp: 13667

Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.8	19.2
176	19.8	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
C0AA9

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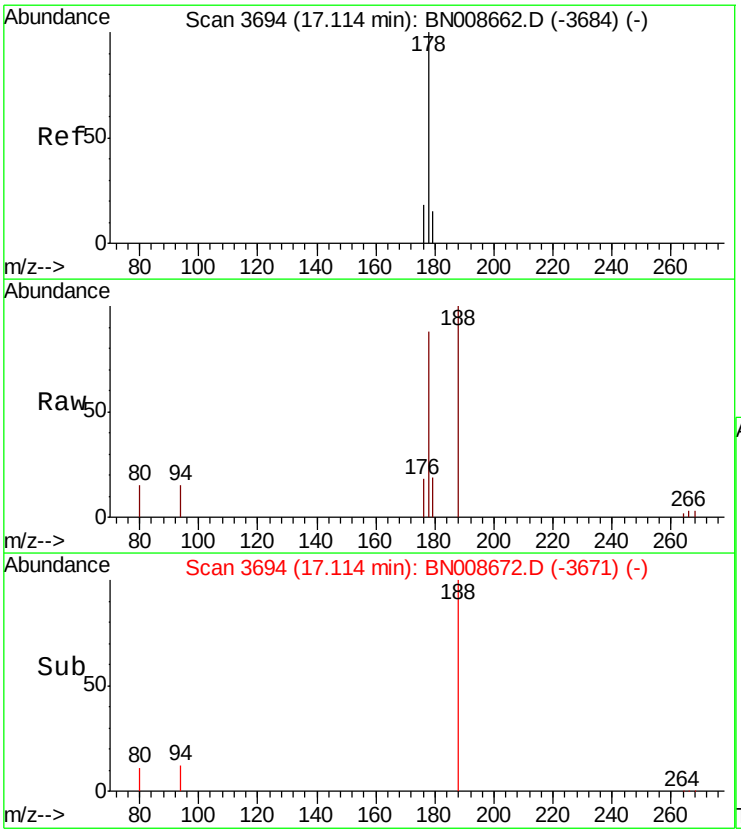
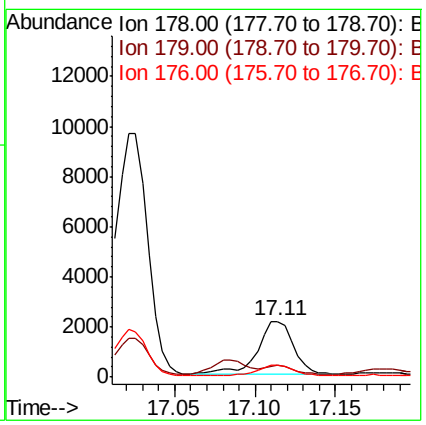
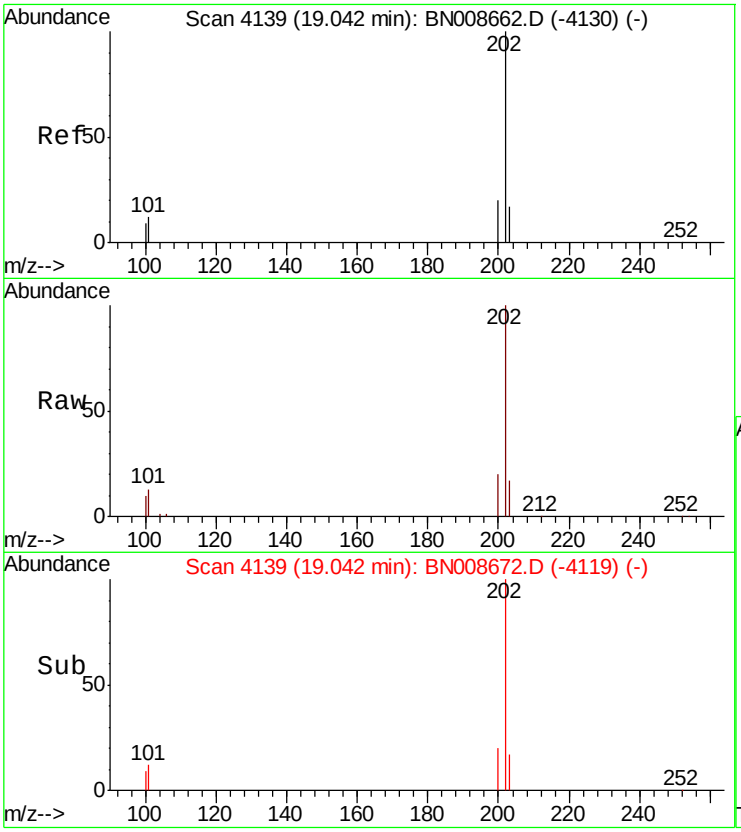


#13
Anthracene
Concen: 0.061 ng/ul m
RT: 17.11 min Scan# 3694
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:178 Resp: 3294

Ion	Ratio	Lower	Upper
178	100		
179	21.8	13.0	19.4#
176	20.9	15.3	22.9

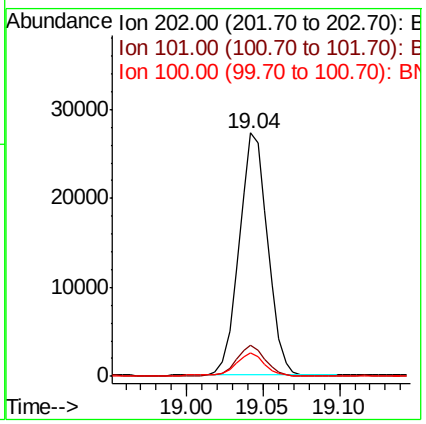




#15
Fluoranthene
Concen: 0.502 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.01 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:202 Resp: 35522

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	29.6
100	9.6	0.0	27.0



Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
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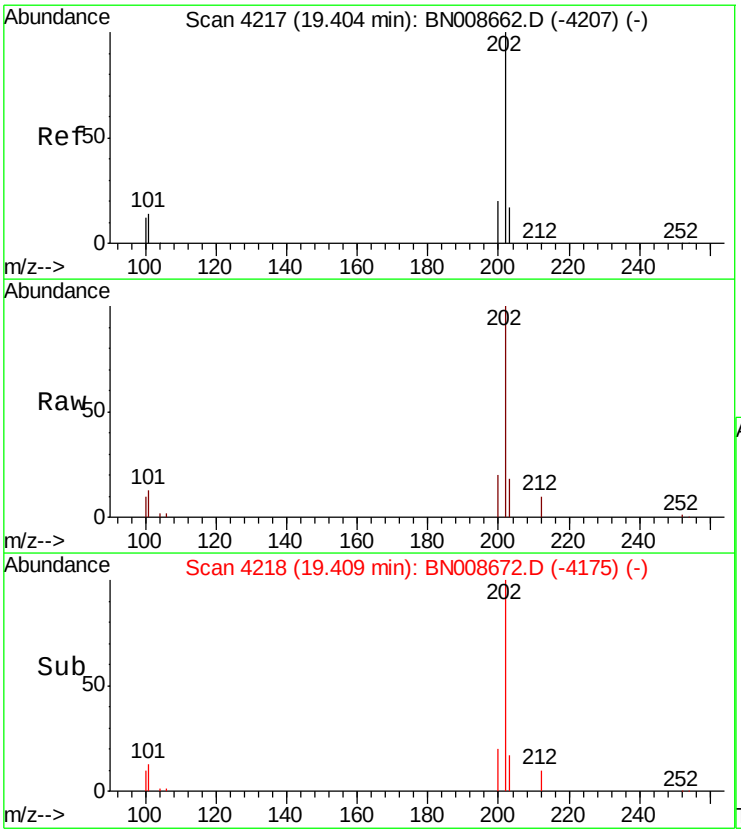
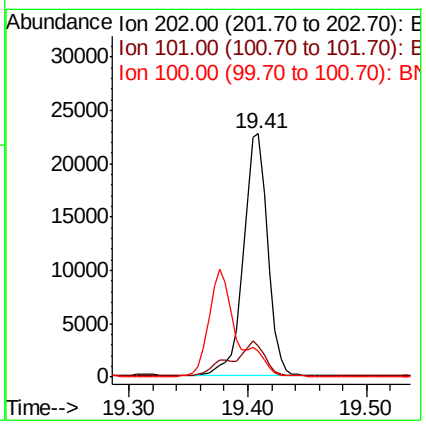
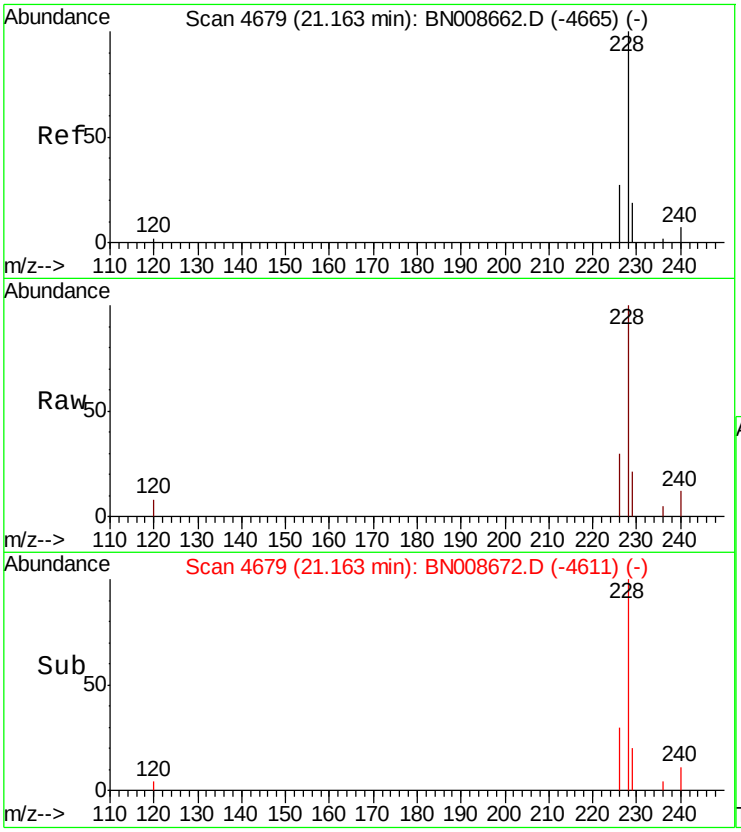


#17
Pyrene
Concen: 0.571 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:202 Resp: 32032

Ion	Ratio	Lower	Upper
202	100		
101	13.0	10.2	15.2
100	10.4	8.2	12.2

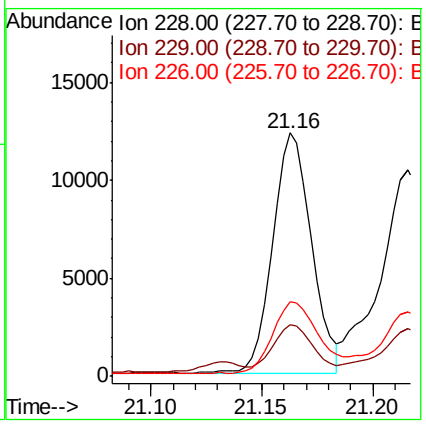




#18
Benzo(a)anthracene
Concen: 0.262 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:228 Resp: 14742

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.6
226	30.5	21.6	32.4



Instrument :
BNA_N
ClientSampleId :
C0AA9

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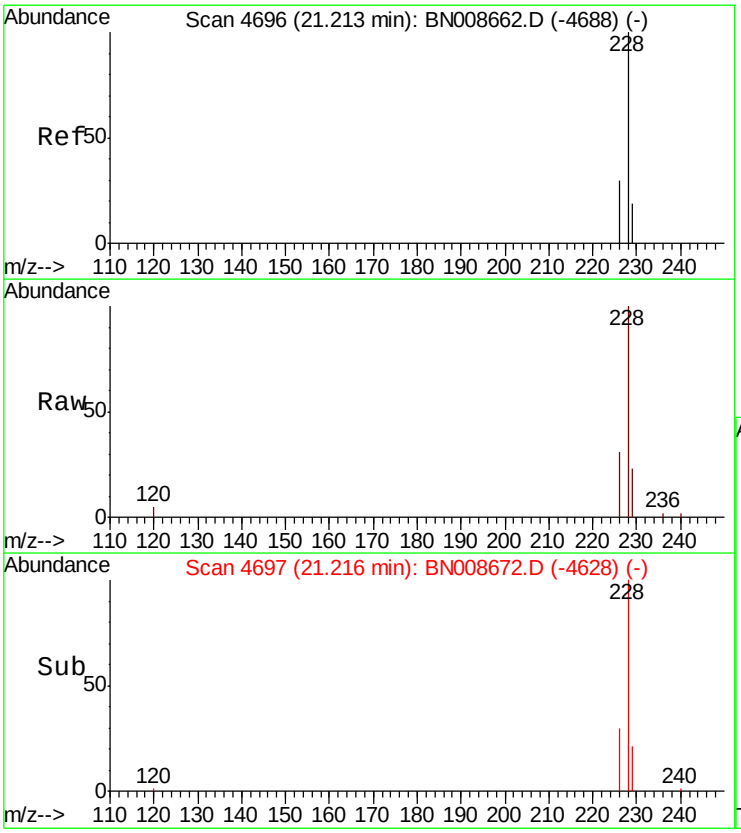
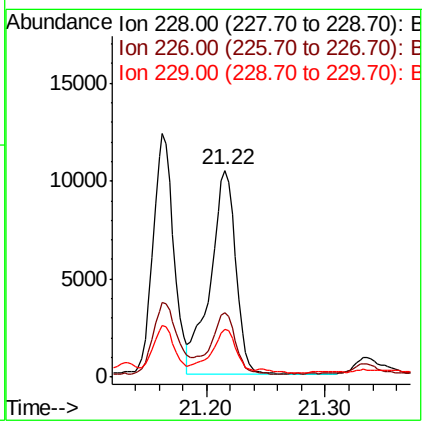
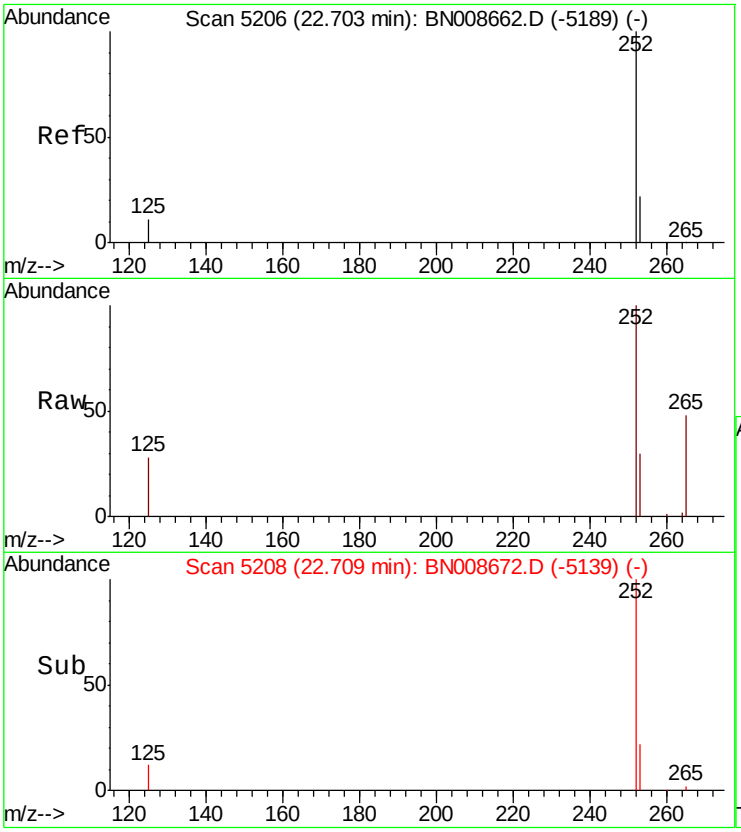


#19
Chrysene
Concen: 0.275 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. 0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:228 Resp: 15202

Ion	Ratio	Lower	Upper
228	100		
226	31.4	24.5	36.7
229	22.9	15.5	23.3

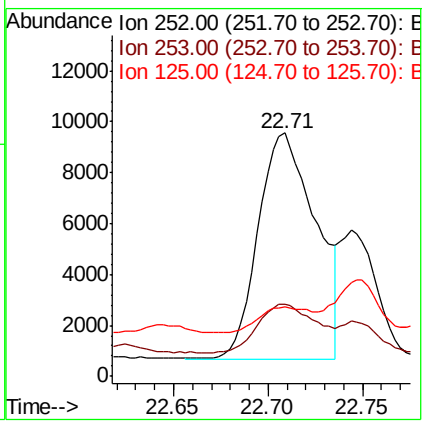




#21
Benzo(b)fluoranthene
Concen: 0.329 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:252 Resp: 18896

Ion	Ratio	Lower	Upper
252	100		
253	29.5	0.0	50.2
125	28.4	0.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AA9

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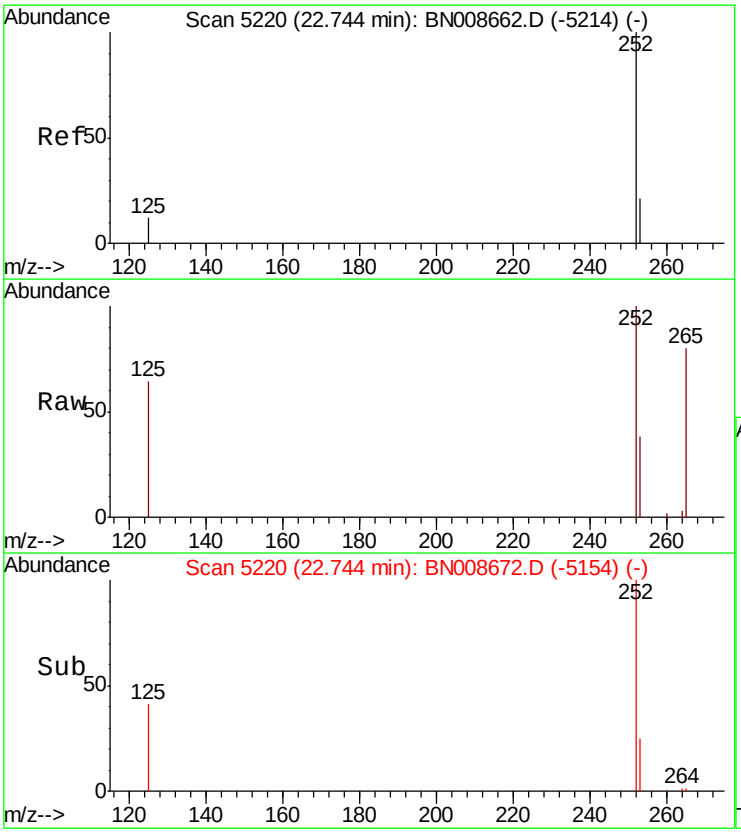
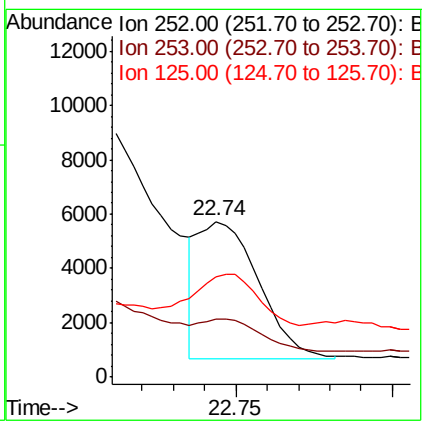
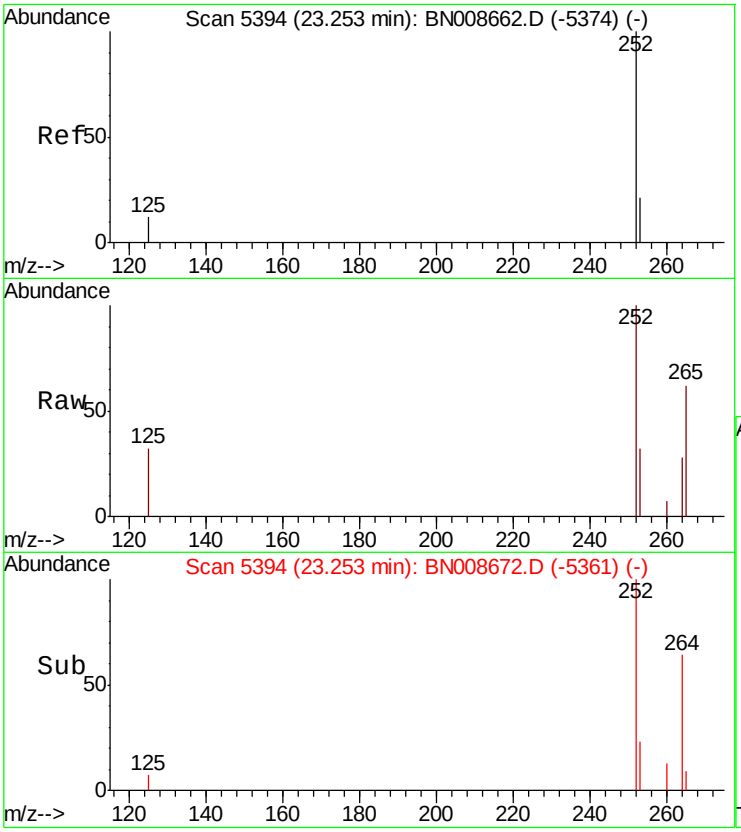


#22
Benzo(k)fluoranthene
Concen: 0.120 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:252 Resp: 6826

Ion	Ratio	Lower	Upper
252	100		
253	37.7	20.5	30.7#
125	64.5	15.0	22.4#





#23
Benzo(a)pyrene
Concen: 0.242 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:252 Resp: 13038

Ion	Ratio	Lower	Upper
252	100		
253	32.0	21.4	32.2
125	32.3	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
C0AA9

Manual Integrations APPROVED
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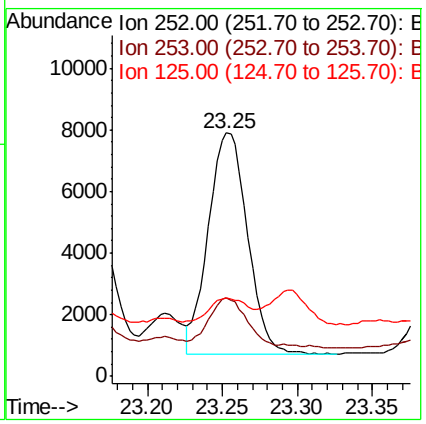
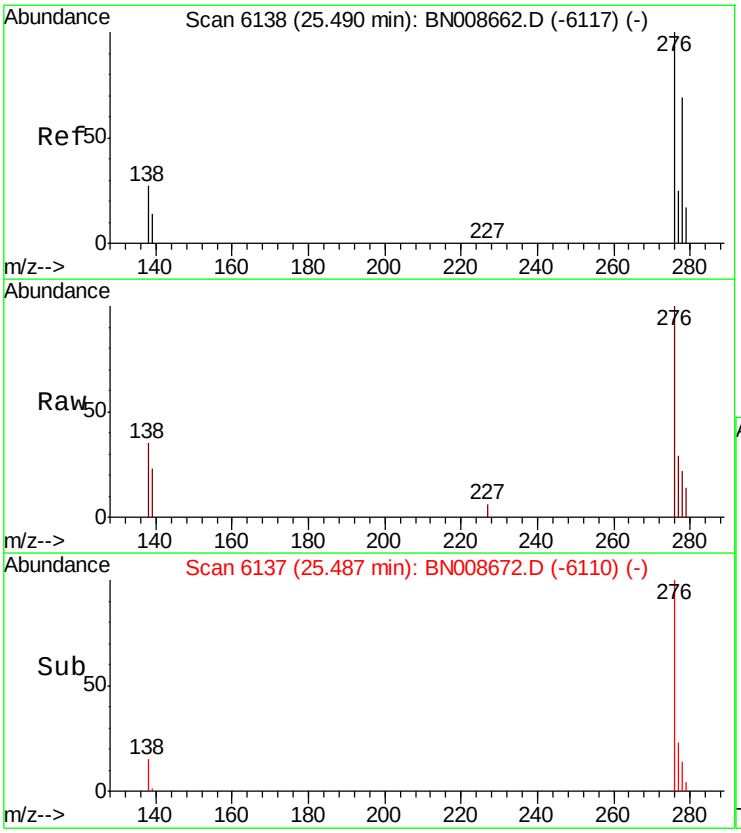
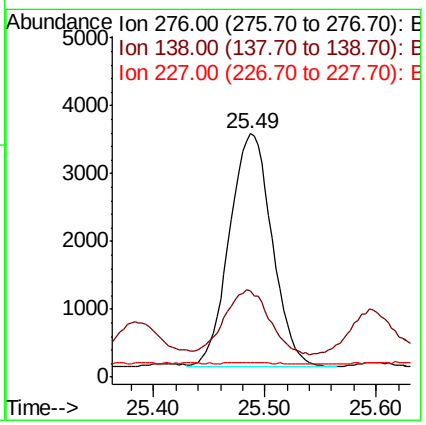


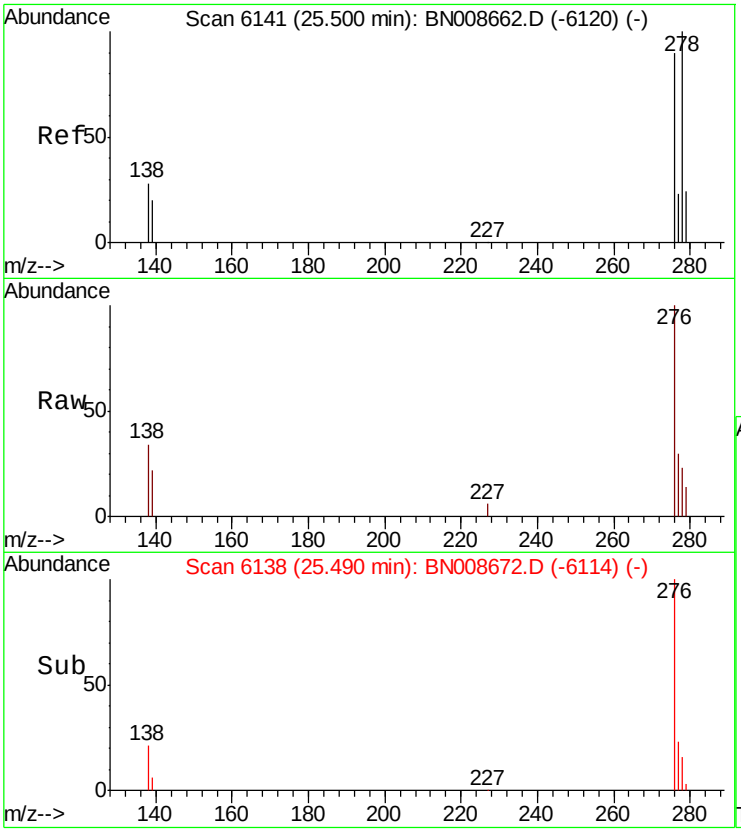


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.144 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:276 Resp: 9105

Ion	Ratio	Lower	Upper
276	100		
138	29.0	21.7	32.5
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.042 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.02 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:278 Resp: 2115

Ion	Ratio	Lower	Upper
278	100		
139	94.2	18.7	28.1#
279	60.2	20.8	31.2#

Instrument :
BNA_N
ClientSampleId :
C0AA9

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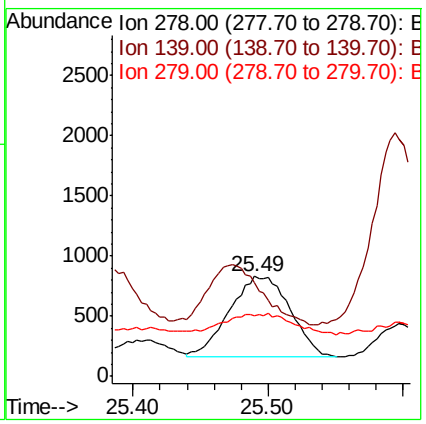

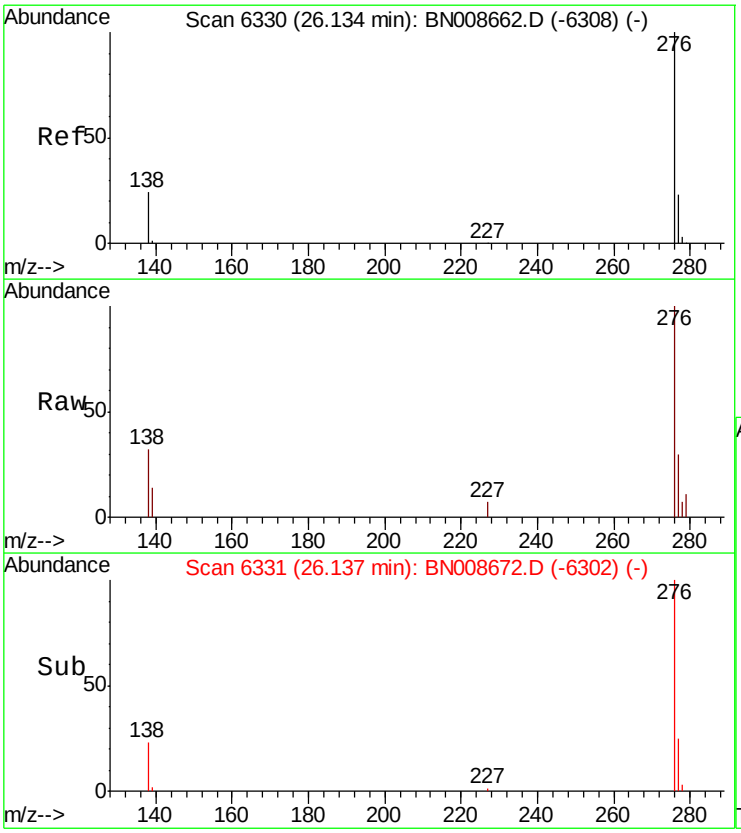

#26
Benzo(g,h,i)perylene
Concen: 0.167 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.00 min
Lab File: BN008672.D
Acq: 20 Nov 2019 22:08

Tgt Ion:276 Resp: 8832

Ion	Ratio	Lower	Upper
276	100		
138	32.5	20.0	30.0#
277	30.0	20.0	30.0