Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008957.D
Acq On : 12 Dec 2019 22:01
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 01:40:43 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BR3

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2701	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	11971	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.18	164	8077	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	17280	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	13765	0.40	ng/ul	0.00
20) Perylene-d12	23.27	264	14208	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2605	0.13	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	8751	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	100691	2.790	ng/ul	99
5) 2-Methylnaphthalene	11.98	142	87540	3.474	ng/ul	100
7) Acenaphthylene	13.89	152	69824	1.563	ng/ul	98
8) Acenaphthene	14.25	153	4765	0.144	ng/ul	97
9) Fluorene	15.24	166	8963	0.230	ng/ul#	80
12) Phenanthrene	16.97	178	300276	5.153	ng/ul	99
13) Anthracene	17.06	178	47681	0.866	ng/ul	98
15) Fluoranthene	18.99	202	585456	8.177	ng/ul	99
17) Pyrene	19.35	202	515137	9.328	ng/ul	99
18) Benzo(a)anthracene	21.11	228	367648	6.642	ng/ul	94
19) Chrysene	21.17	228	408991	7.522	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	571243m	9.750	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	201850m	3.474	ng/ul	
23) Benzo(a)pyrene	23.18	252	344444m	6.263	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.38	276	208929	3.248	ng/ul#	90
25) Dibenzo(a,h)anthracene	25.39	278	56996	1.097	ng/ul	97
26) Benzo(g,h,i)perylene	26.02	276	187601	3.487	ng/ul	96

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008957.D
Acq On : 12 Dec 2019 22:01
Operator : JU
Sample : K6089-15
Misc :
ALS Vial : 17 Sample Multiplier: 1

Quant Time: Dec 13 01:40:43 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 : Thu Dec 12 00:49:42 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BR3

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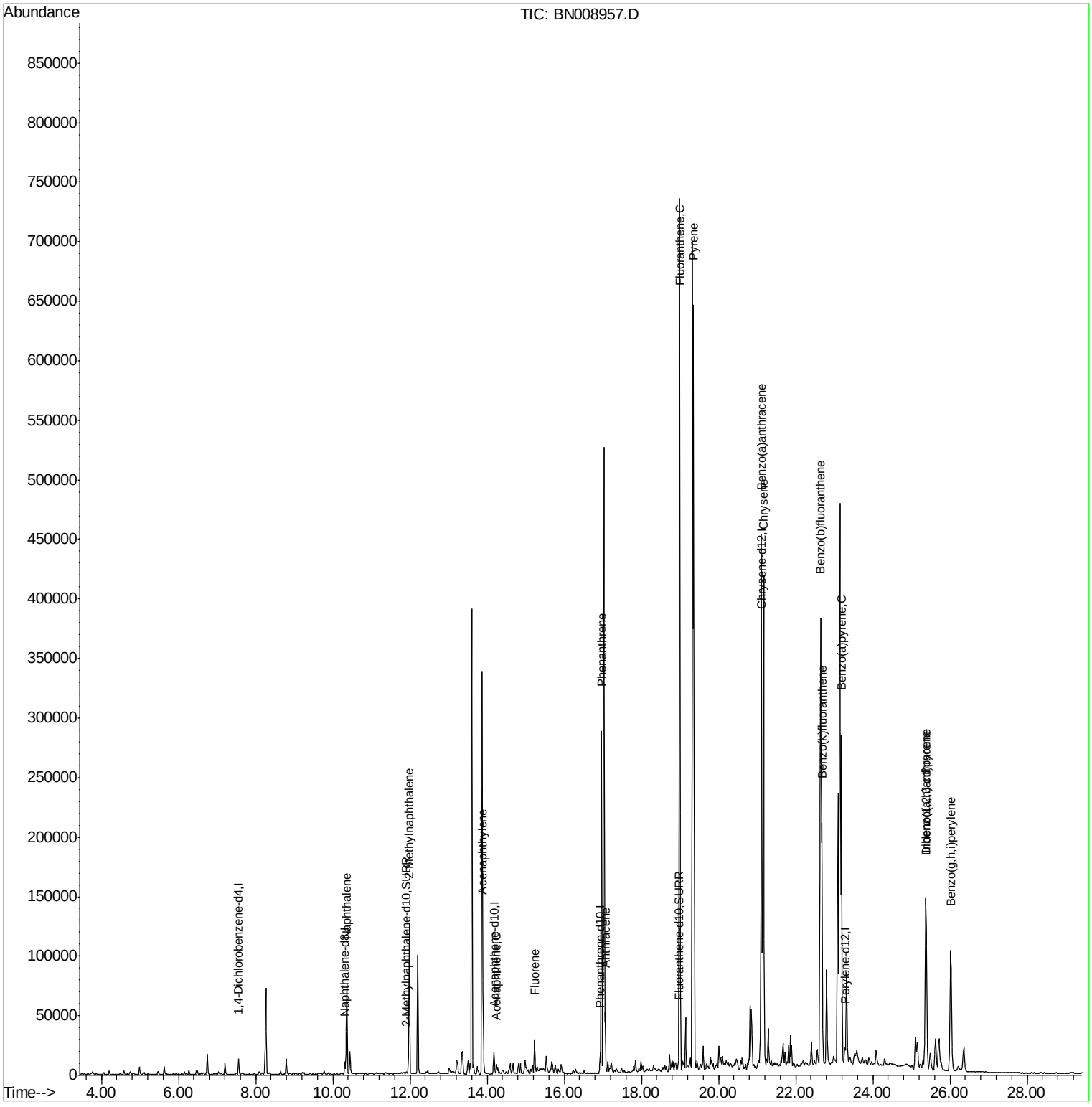

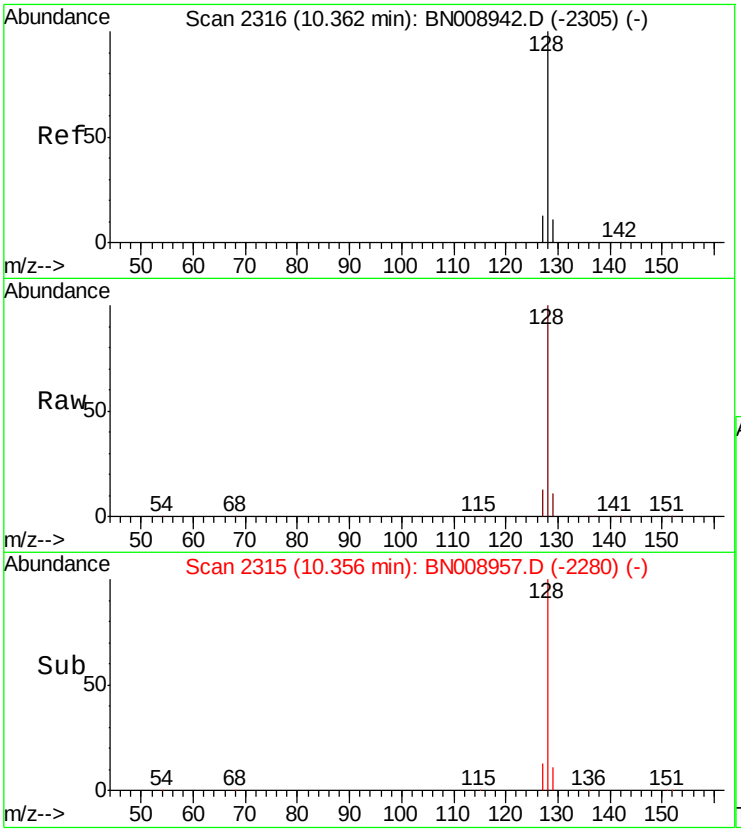

#3
Naphthalene
Concen: 2.790 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:128 Resp: 100691

Ion	Ratio	Lower	Upper
128	100		
129	11.1	9.1	13.7
127	13.0	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0BR3

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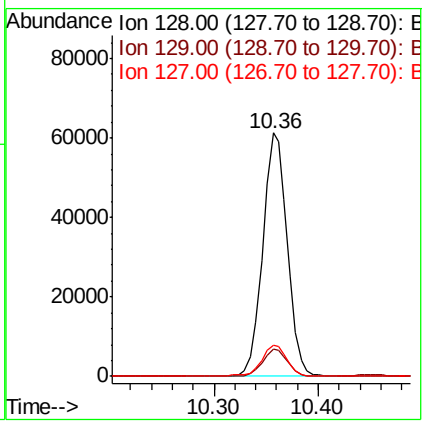
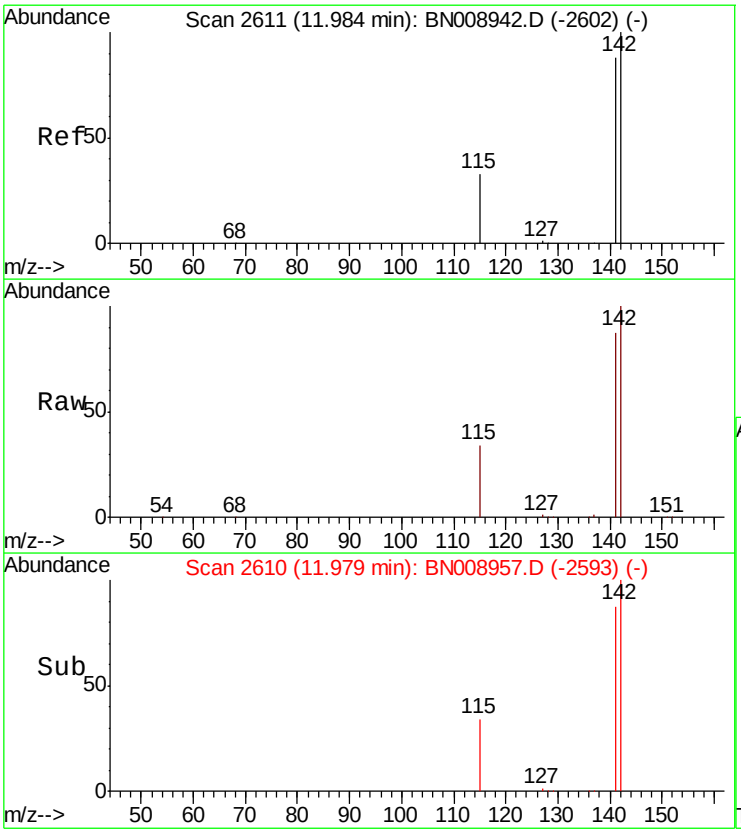
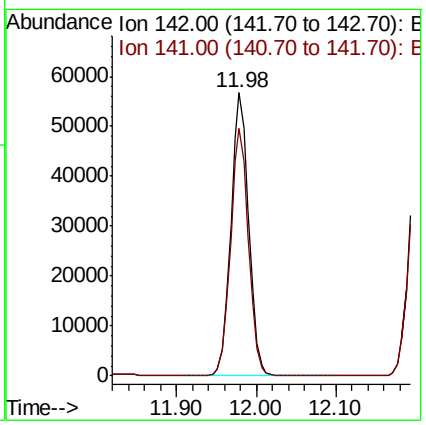


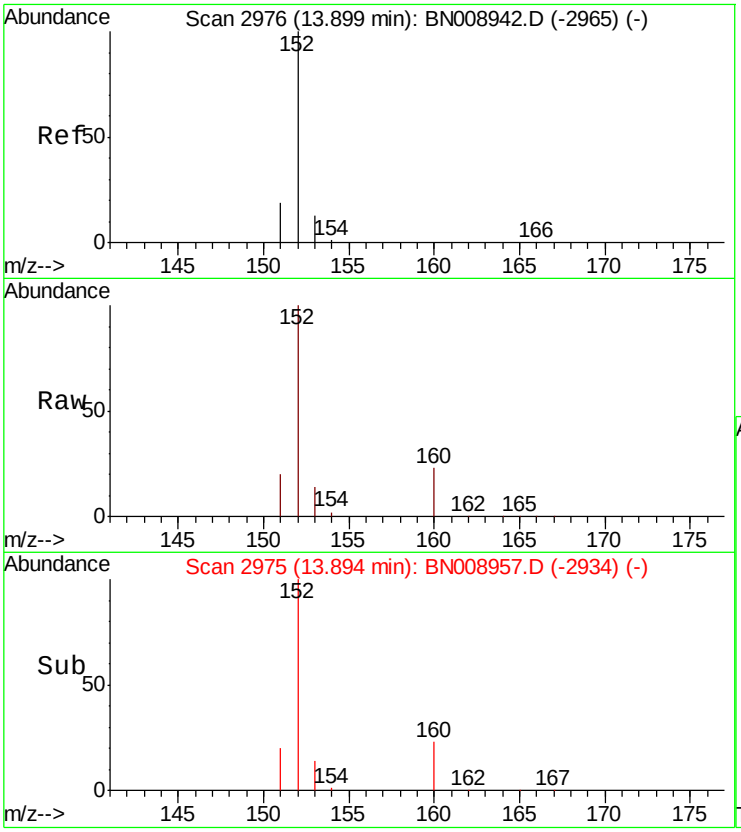


#5
2-Methylnaphthalene
Concen: 3.474 ng/ul
RT: 11.98 min Scan# 2610
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:142 Resp: 87540

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1

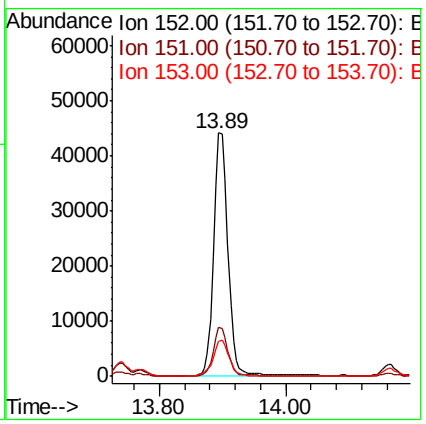




#7
Acenaphthylene
Concen: 1.563 ng/ul
RT: 13.89 min Scan# 2975
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:152 Resp: 69824

Ion	Ratio	Lower	Upper
152	100		
151	20.1	15.8	23.6
153	14.4	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0BR3

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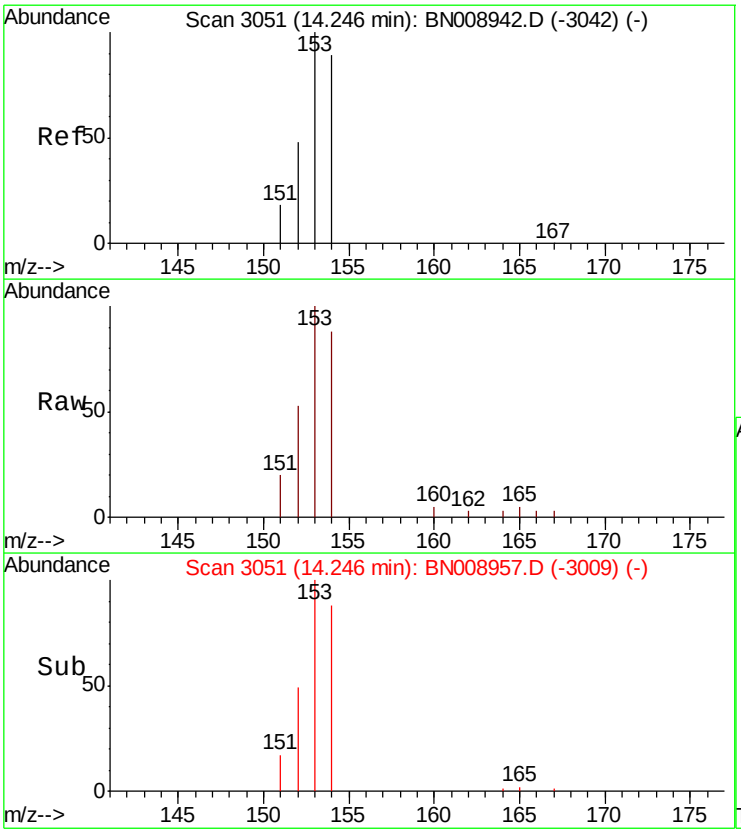
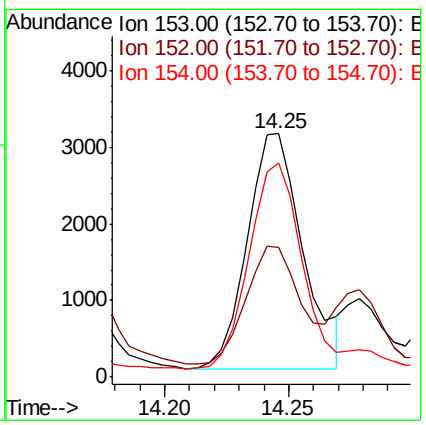
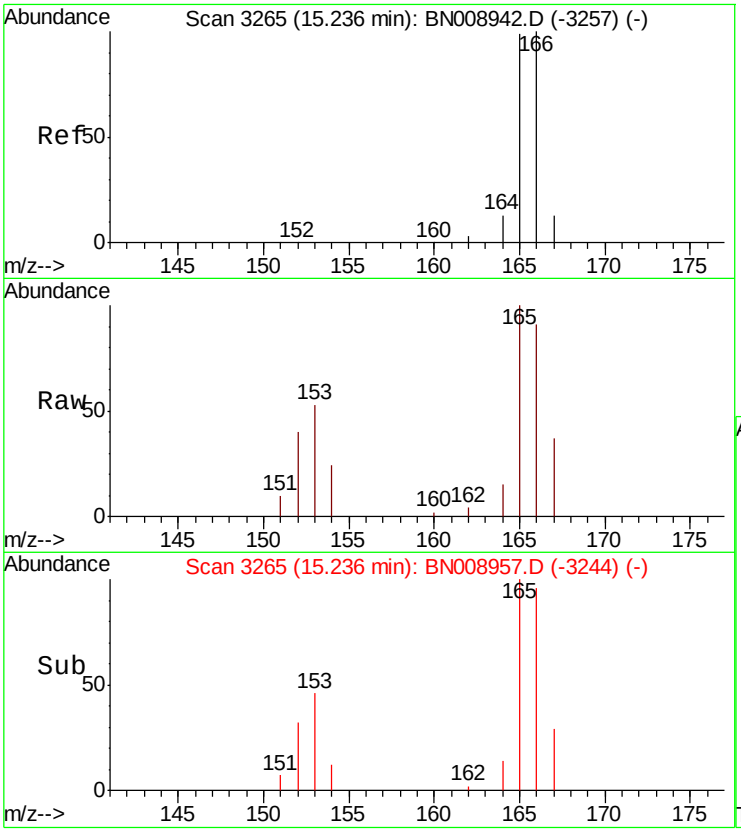


#8
Acenaphthene
Concen: 0.144 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:153 Resp: 4765

Ion	Ratio	Lower	Upper
153	100		
152	53.2	38.6	58.0
154	87.8	70.6	105.8

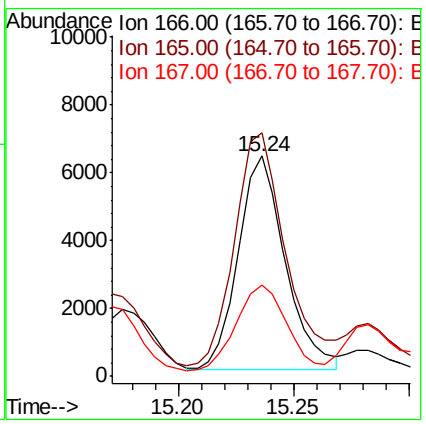




#9
Fluorene
Concen: 0.230 ng/ul
RT: 15.24 min Scan# 3265
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:166 Resp: 8963

Ion	Ratio	Lower	Upper
166	100		
165	110.4	77.7	116.5
167	41.2	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0BR3

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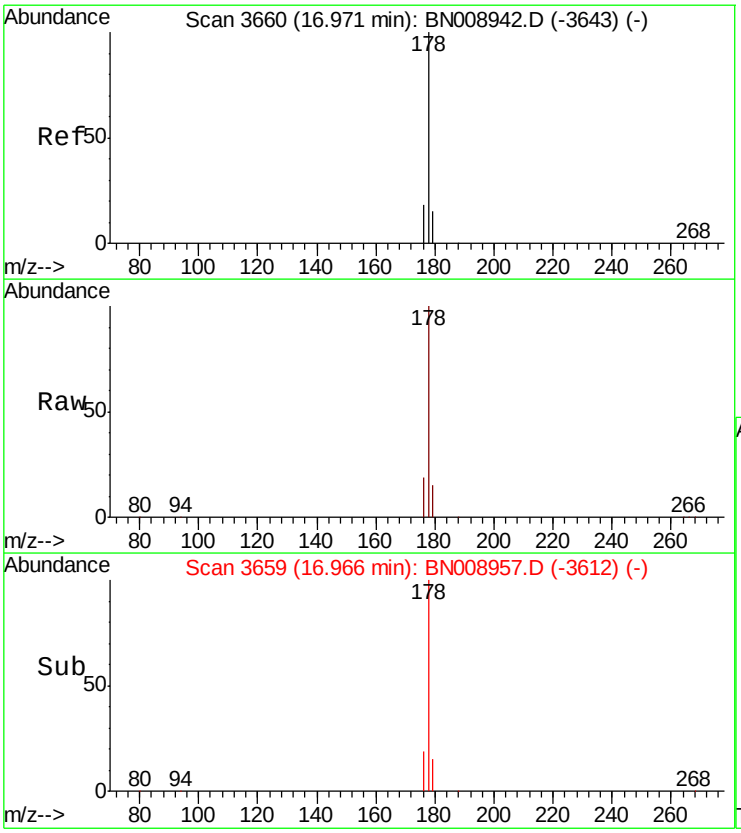
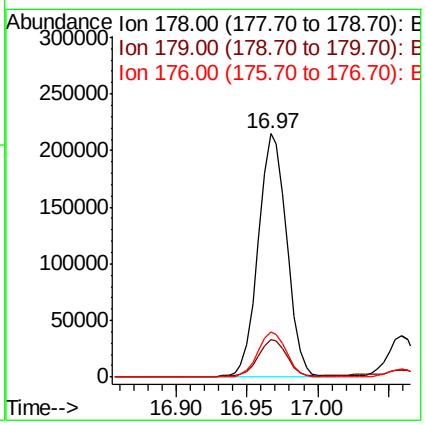
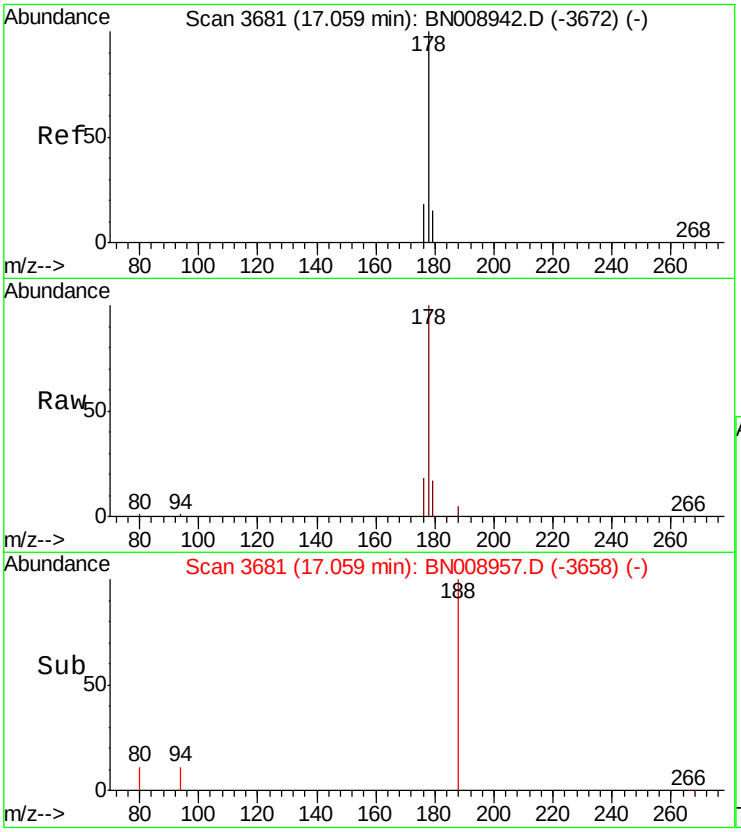


#12
Phenanthrene
Concen: 5.153 ng/ul
RT: 16.97 min Scan# 3659
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:178 Resp: 300276

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	18.7	15.3	22.9

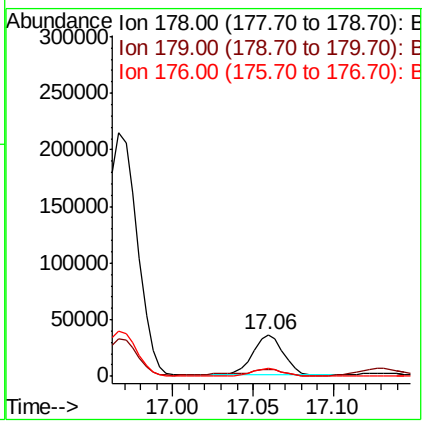




#13
Anthracene
Concen: 0.866 ng/ul
RT: 17.06 min Scan# 3681
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:178 Resp: 47681

Ion	Ratio	Lower	Upper
178	100		
179	17.1	12.2	18.4
176	18.3	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0BR3

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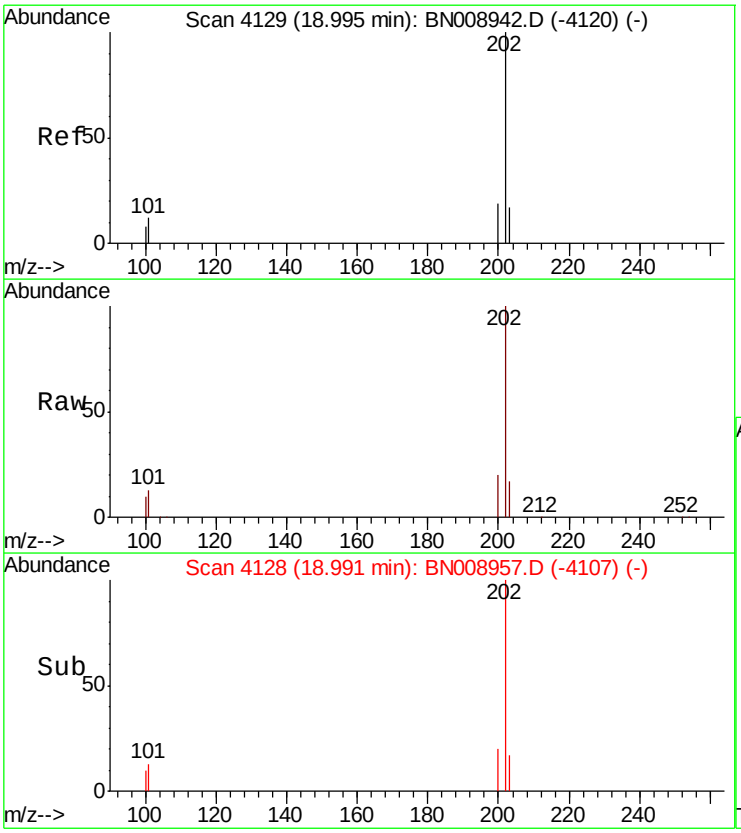
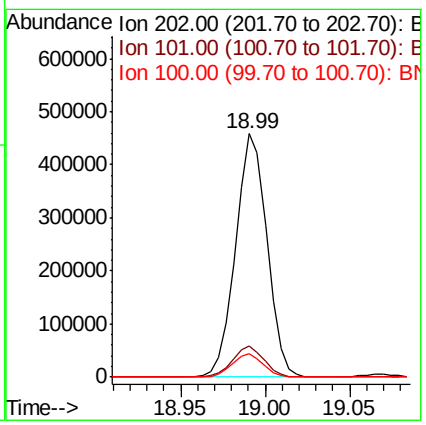
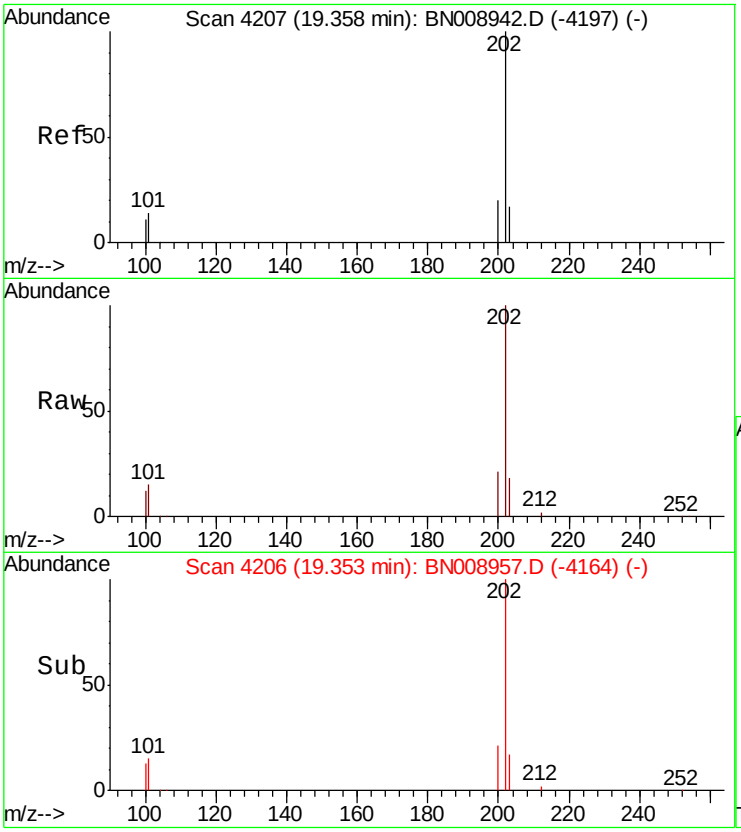


#15
Fluoranthene
Concen: 8.177 ng/ul
RT: 18.99 min Scan# 4128
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:202 Resp: 585456

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	32.4
100	9.6	0.0	29.2

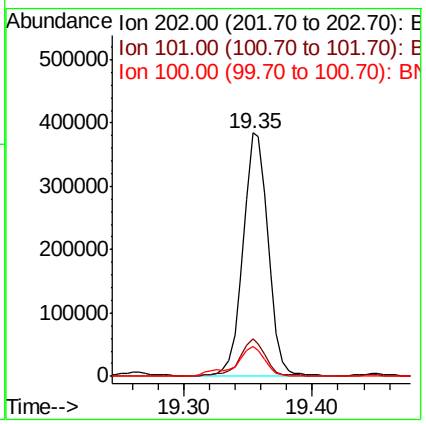




#17
Pyrene
Concen: 9.328 ng/ul
RT: 19.35 min Scan# 4206
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:202 Resp: 515137

Ion	Ratio	Lower	Upper
202	100		
101	15.3	12.2	18.4
100	12.4	9.5	14.3



Instrument :
BNA_N
ClientSampleId :
C0BR3

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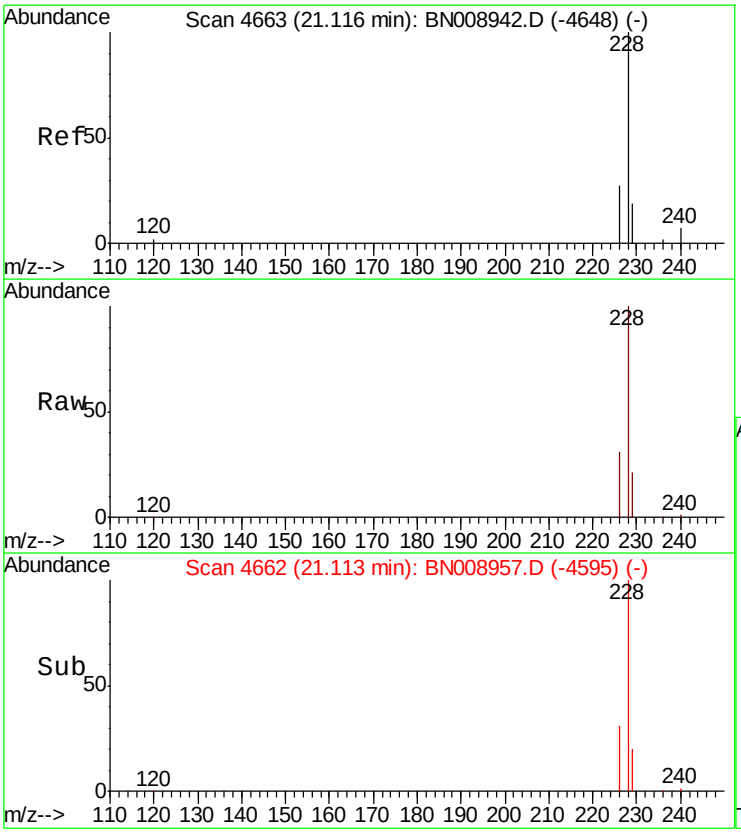
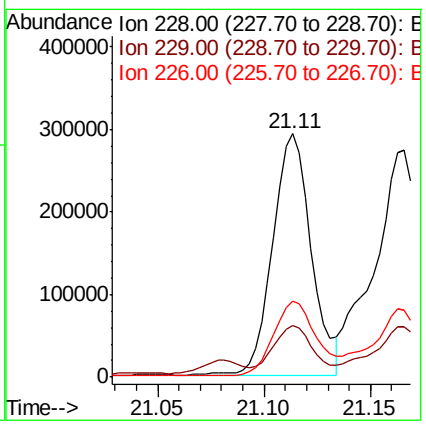
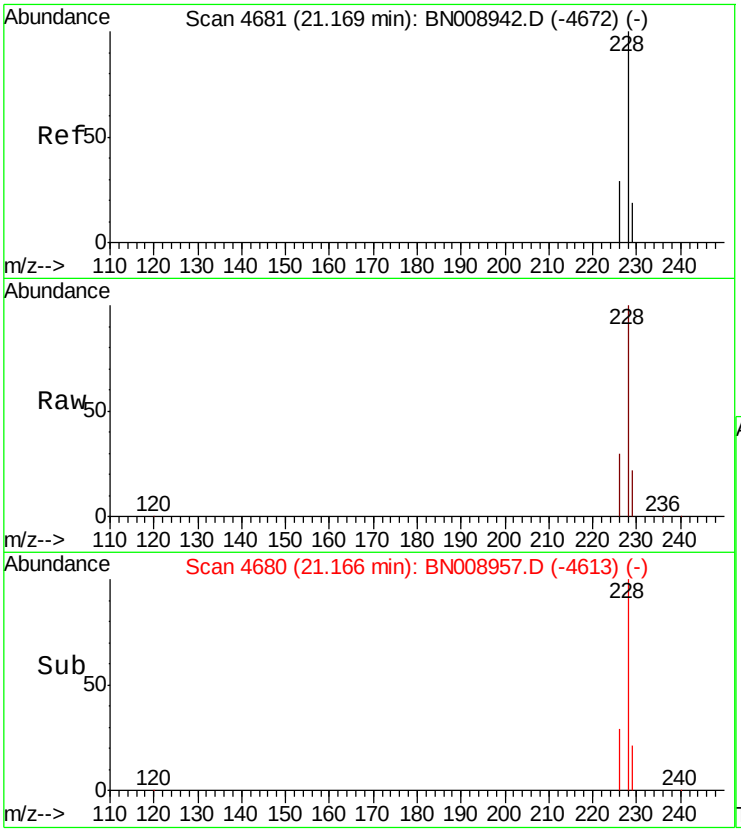


#18
Benzo(a)anthracene
Concen: 6.642 ng/ul
RT: 21.11 min Scan# 4662
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:228 Resp: 367648

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.7	23.5
226	31.1	21.5	32.3

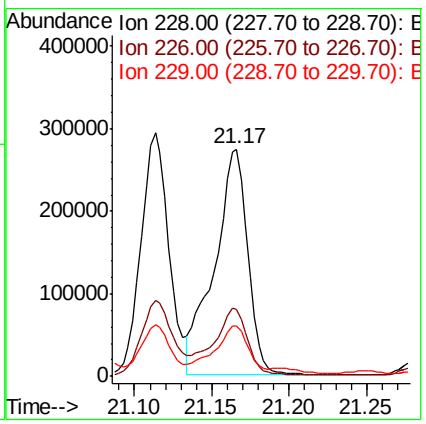




#19
Chrysene
Concen: 7.522 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:228 Resp: 408991

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	22.3	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BR3

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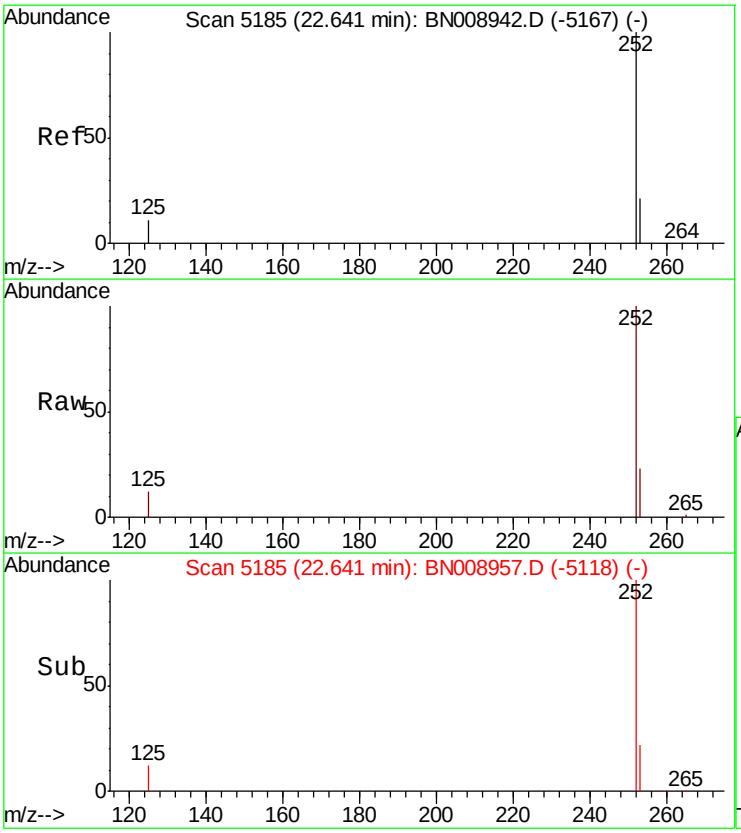
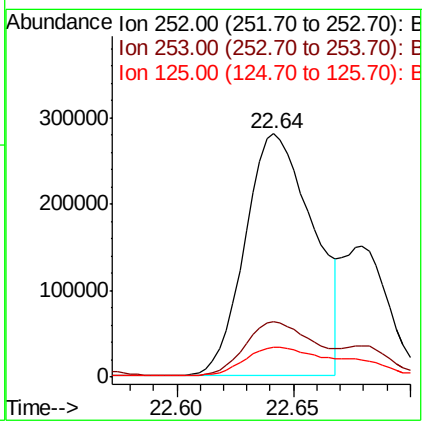
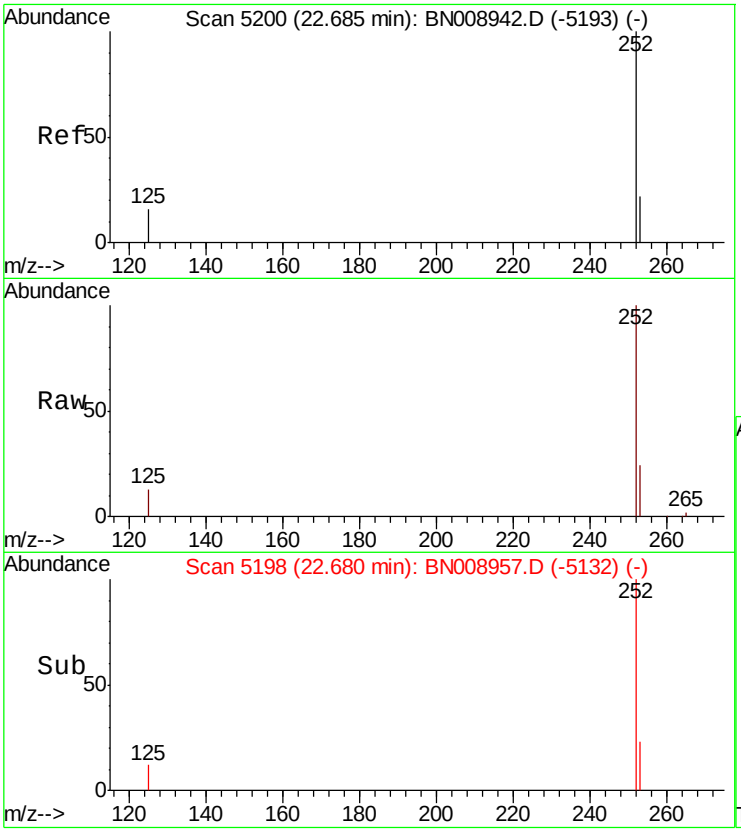


#21
Benzo(b)fluoranthene
Concen: 9.750 ng/ul m
RT: 22.64 min Scan# 5185
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:252 Resp: 571243

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	48.6
125	12.2	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 3.474 ng/ul m
RT: 22.68 min Scan# 5198
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:252 Resp: 201850

Ion	Ratio	Lower	Upper
252	100		
253	24.3	19.6	29.4
125	13.5	13.8	20.6#

Instrument :
BNA_N
ClientSampleId :
C0BR3

Manual Integrations APPROVED
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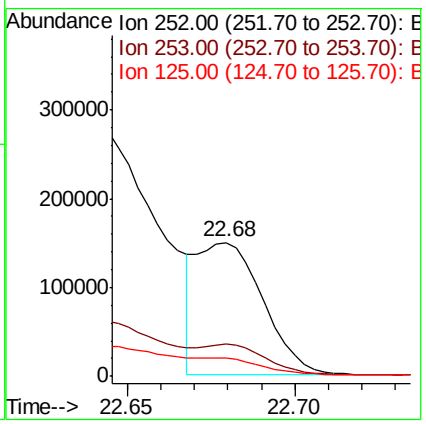
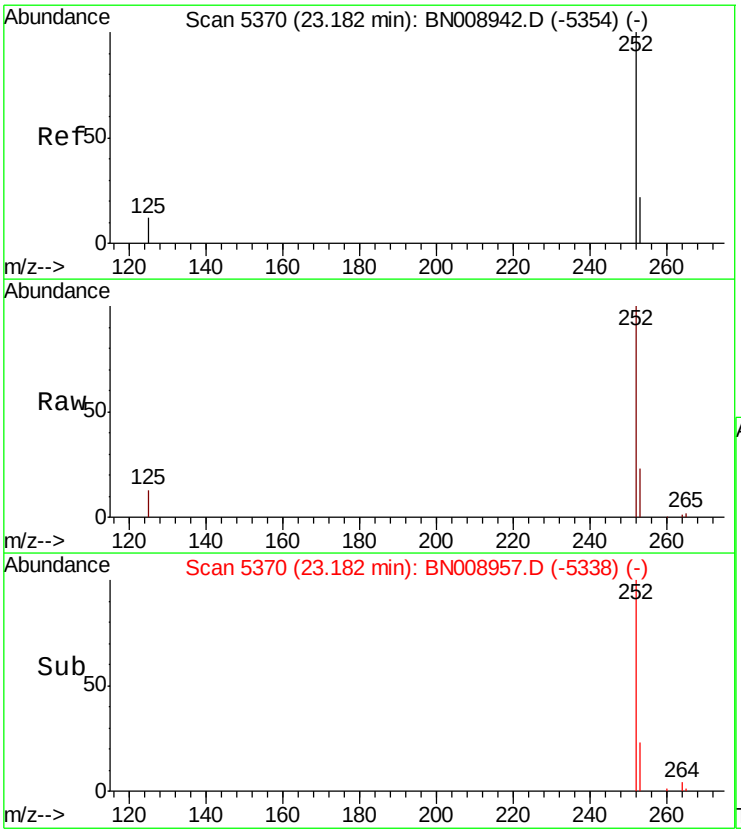
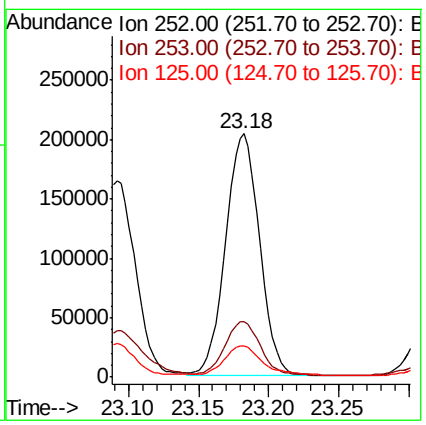


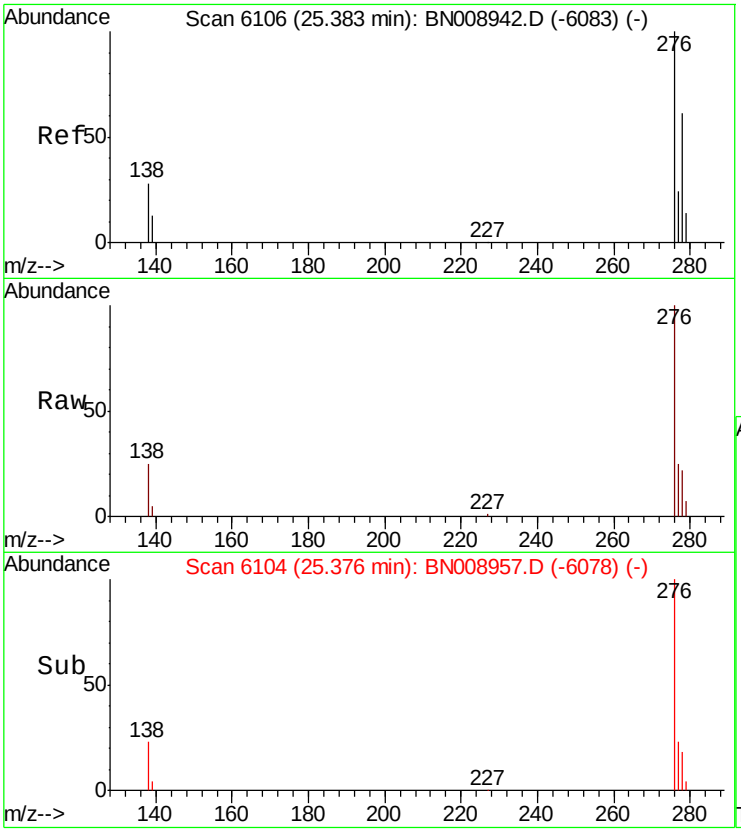


#23
Benzo(a)pyrene
Concen: 6.263 ng/ul m
RT: 23.18 min Scan# 5370
Delta R.T. -0.00 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:252 Resp: 344444

Ion	Ratio	Lower	Upper
252	100		
253	23.0	19.9	29.9
125	13.0	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 3.248 ng/ul
RT: 25.38 min Scan# 6104
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:276 Resp: 208929

Ion	Ratio	Lower	Upper
276	100		
138	24.5	23.8	35.6
227	0.2	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BR3

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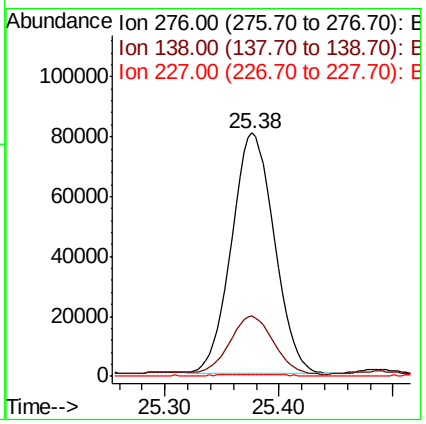
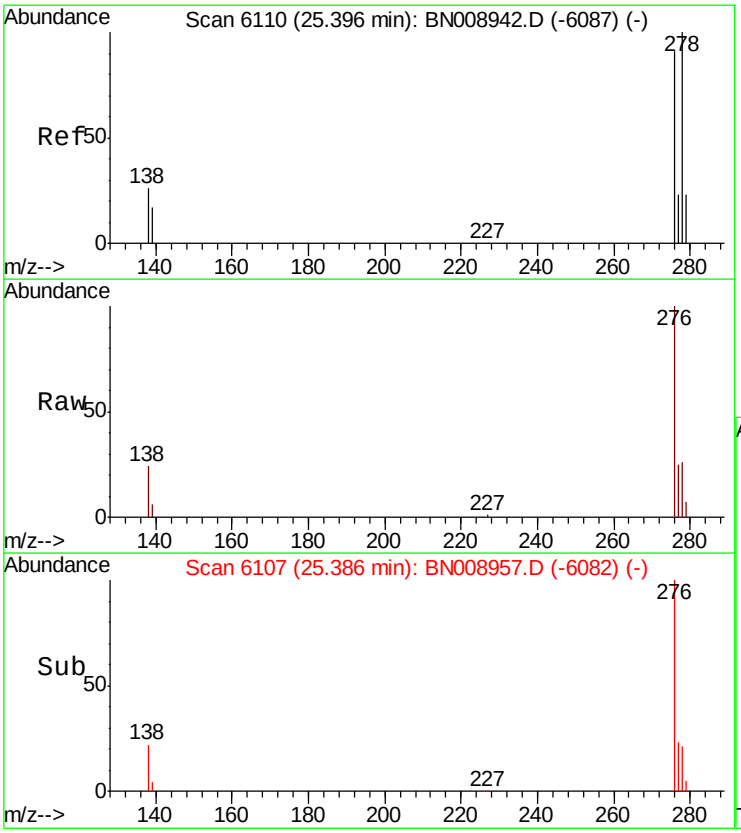
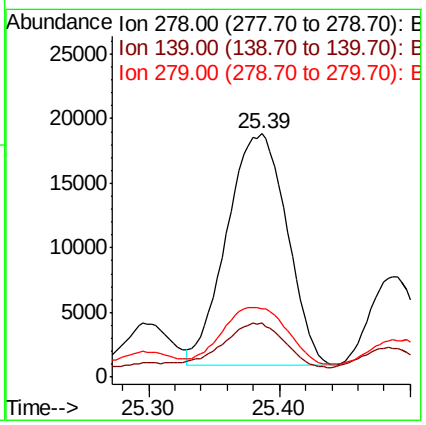


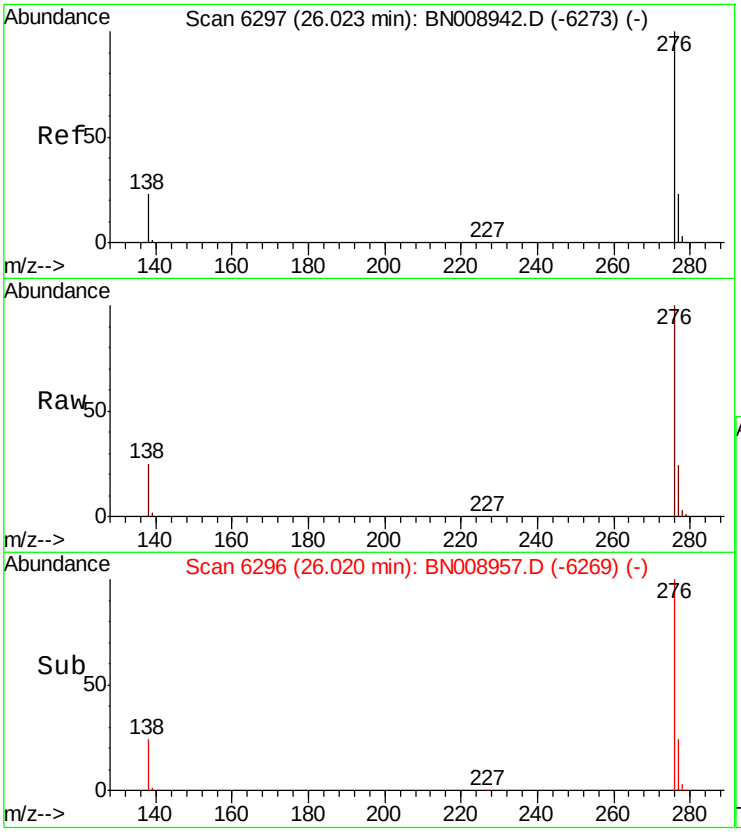


#25
Dibenzo(a,h)anthracene
Concen: 1.097 ng/ul
RT: 25.39 min Scan# 6107
Delta R.T. -0.02 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:278 Resp: 56996

Ion	Ratio	Lower	Upper
278	100		
139	22.1	17.4	26.0
279	28.2	20.5	30.7

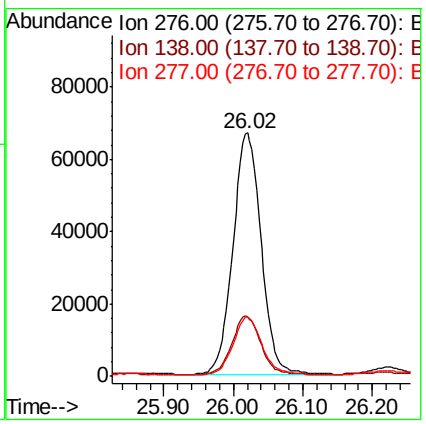




#26
Benzo(g,h,i)perylene
Concen: 3.487 ng/ul
RT: 26.02 min Scan# 6296
Delta R.T. -0.01 min
Lab File: BN008957.D
Acq: 12 Dec 2019 22:01

Tgt Ion:276 Resp: 187601

Ion	Ratio	Lower	Upper
276	100		
138	24.6	21.9	32.9
277	24.2	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BR3

Manual Integrations APPROVED
mohammad
12/13/2019 9:08:29 AM