Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 07:02:03 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 06:30:58 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AB5DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	3886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14067	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8311	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	16420	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13534	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	13951	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	883	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2143	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	27020	0.637	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	10759	0.363	ng/ul	100
7) Acenaphthylene	13.95	152	1186	0.026	ng/ul#	74
8) Acenaphthene	14.29	153	33328	0.977	ng/ul	99
9) Fluorene	15.29	166	49076	1.226	ng/ul	100
12) Phenanthrene	17.02	178	491152	8.869	ng/ul	97
13) Anthracene	17.11	178	142888	2.731	ng/ul	98
15) Fluoranthene	19.04	202	501392	7.370	ng/ul	94
17) Pyrene	19.40	202	400483	7.376	ng/ul	97
18) Benzo(a)anthracene	21.16	228	194496	3.574	ng/ul	99
19) Chrysene	21.21	228	161081	3.013	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	179983m	3.129	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	67003m	1.174	ng/ul	
23) Benzo(a)pyrene	23.24	252	133268	2.468	ng/ul	93
24) Indeno(1,2,3-cd)pyrene	25.47	276	73722	1.167	ng/ul	97
25) Dibenzo(a,h)anthracene	25.48	278	18965	0.372	ng/ul	94
26) Benzo(g,h,i)perylene	26.12	276	66620	1.261	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008687.D
Acq On : 21 Nov 2019 21:03
Operator : JU
Sample : K5851-17DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Nov 22 07:02:03 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 06:30:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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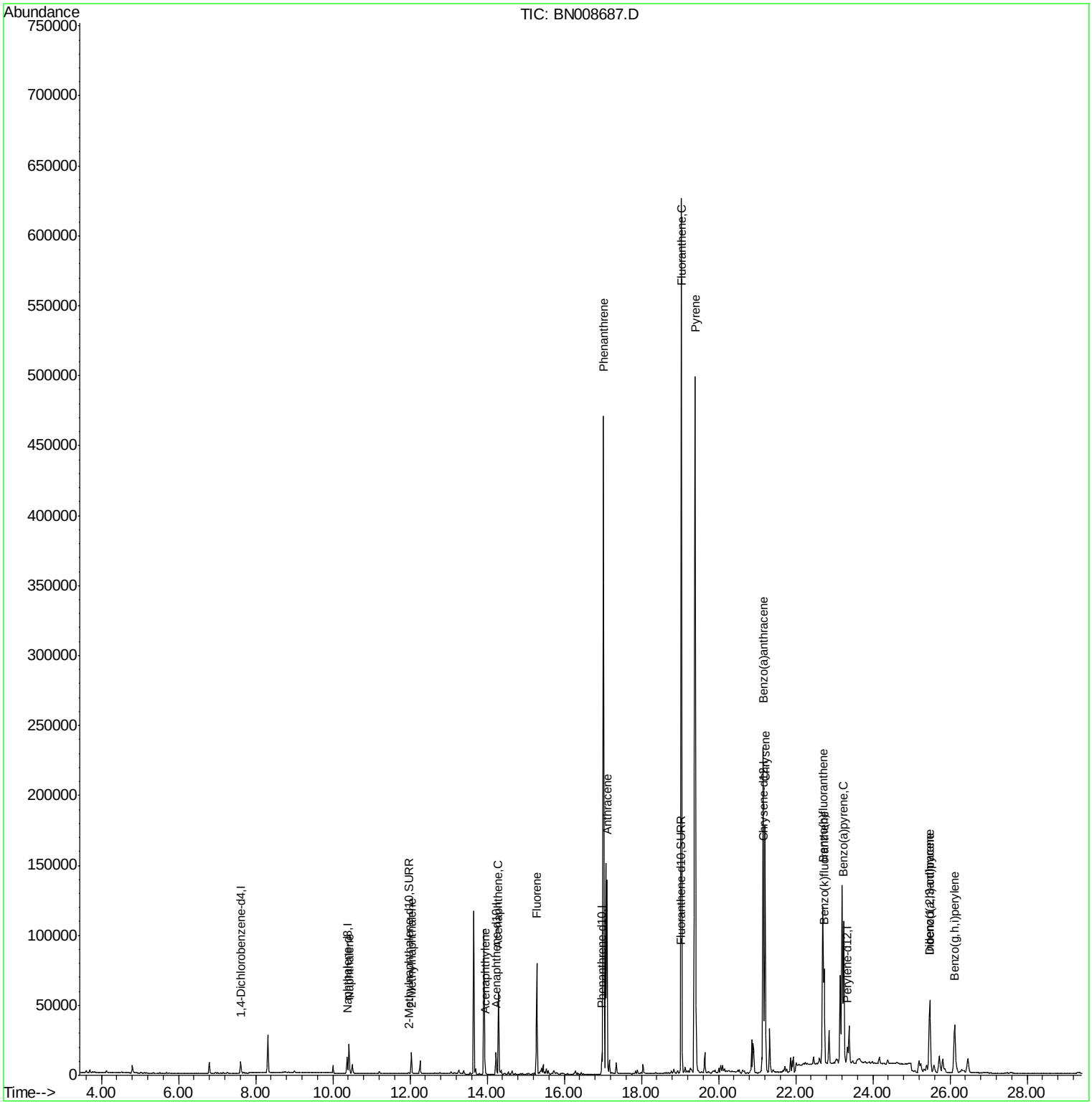
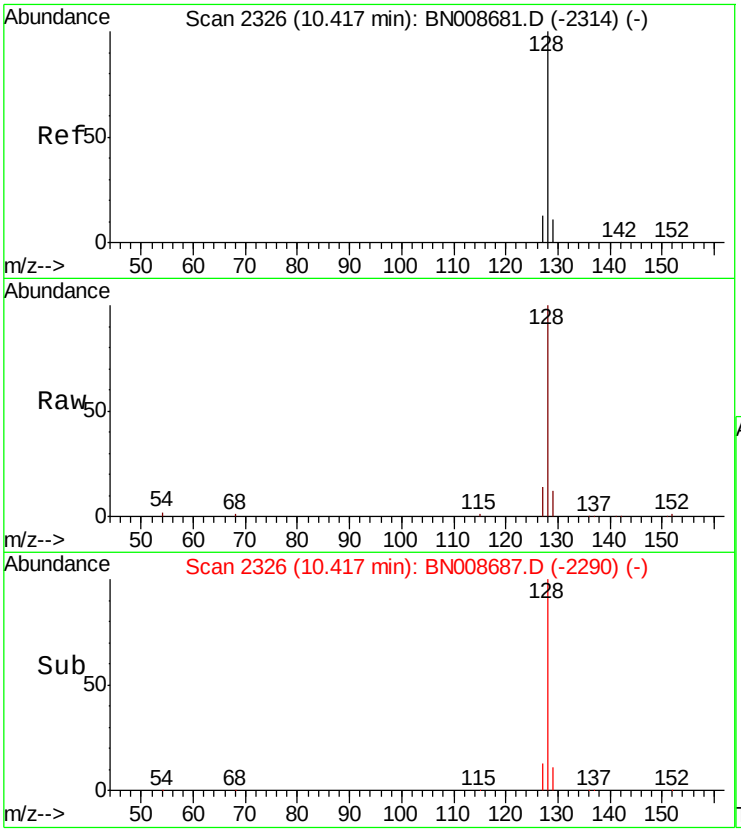
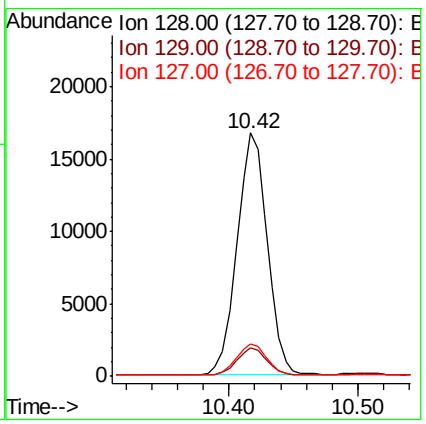




#3
Naphthalene
Concen: 0.637 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:128 Resp: 27020

Ion	Ratio	Lower	Upper
128	100		
129	11.5	9.7	14.5
127	13.6	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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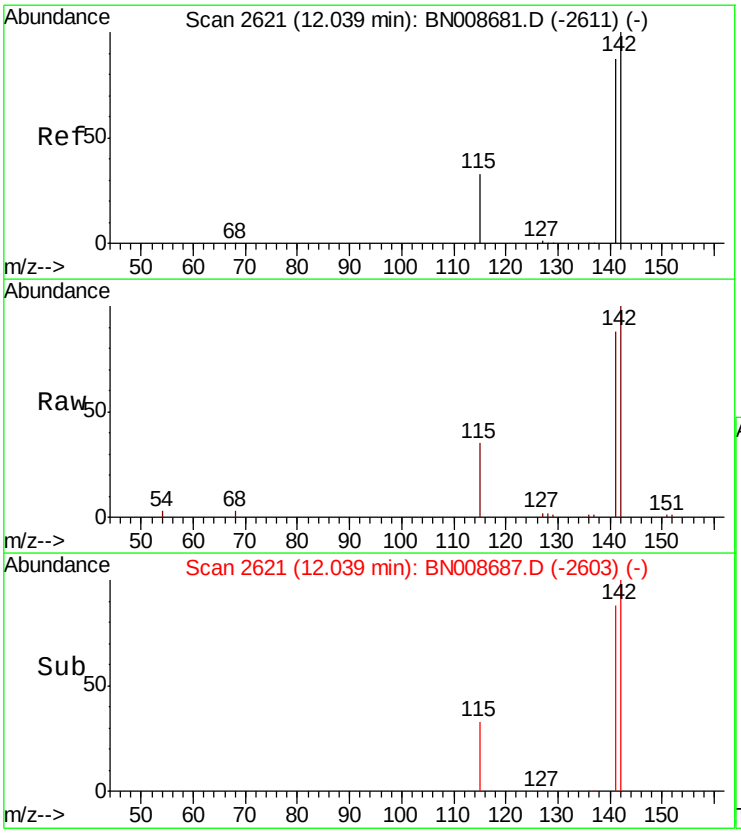
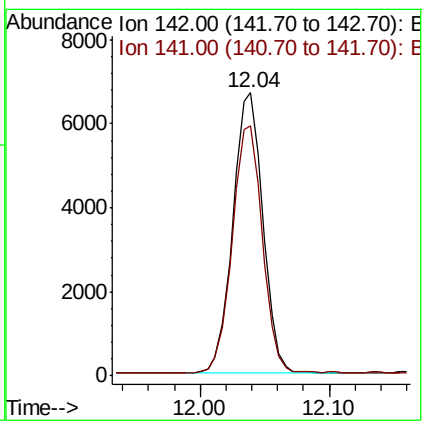
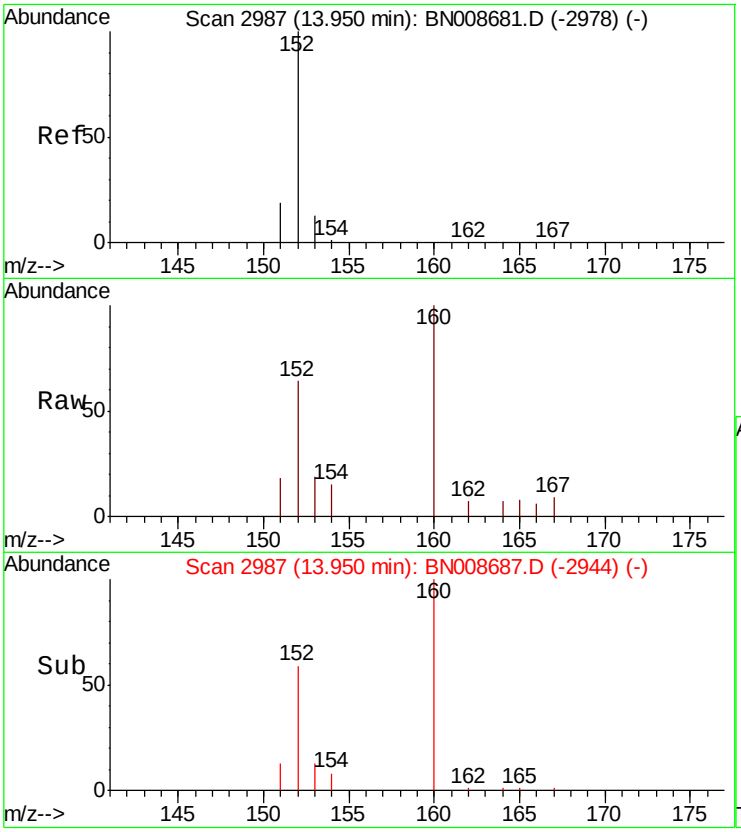


#5
2-Methylnaphthalene
Concen: 0.363 ng/ul
RT: 12.04 min Scan# 2621
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:142 Resp: 10759

Ion	Ratio	Lower	Upper
142	100		
141	88.5	70.5	105.7





#7
Acenaphthylene
Concen: 0.026 ng/ul
RT: 13.95 min Scan# 2987
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:152 Resp: 1186

Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.6	24.8#
153	30.2	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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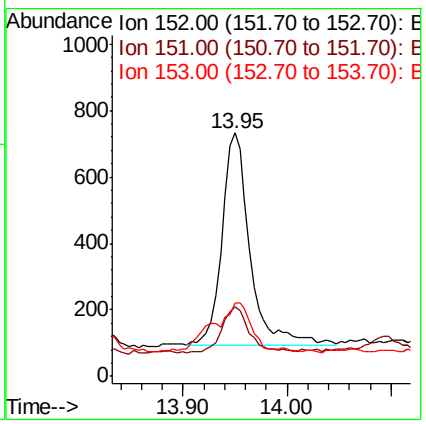
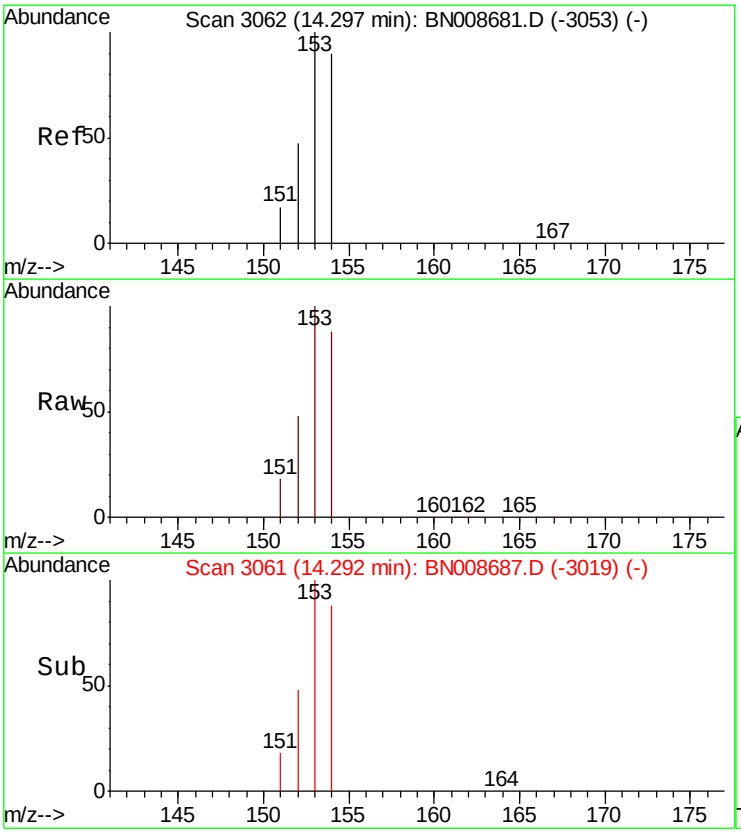
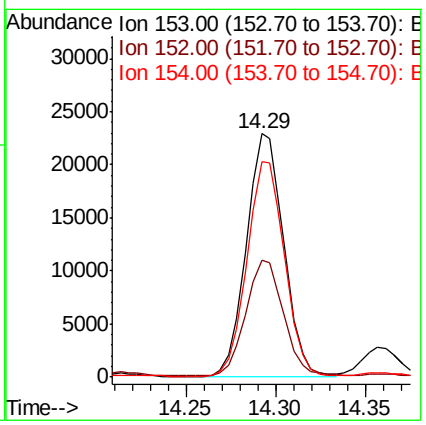


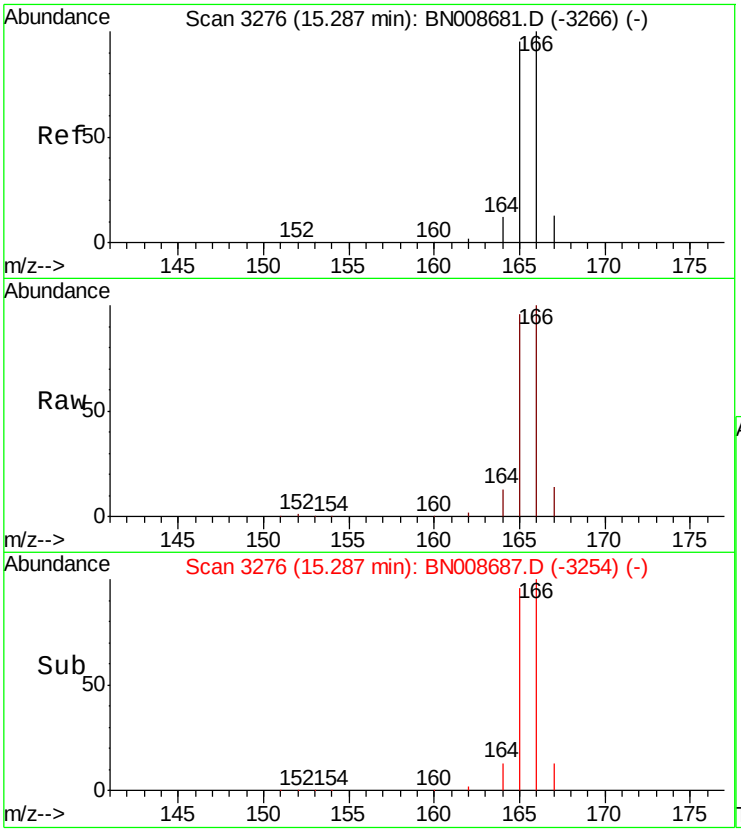


#8
Acenaphthene
Concen: 0.977 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:153 Resp: 33328

Ion	Ratio	Lower	Upper
153	100		
152	48.2	39.6	59.4
154	88.5	70.6	106.0





#9
Fluorene
Concen: 1.226 ng/ul
RT: 15.29 min Scan# 3276
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:166 Resp: 49076

Ion	Ratio	Lower	Upper
166	100		
165	96.3	77.4	116.0
167	14.0	11.4	17.0

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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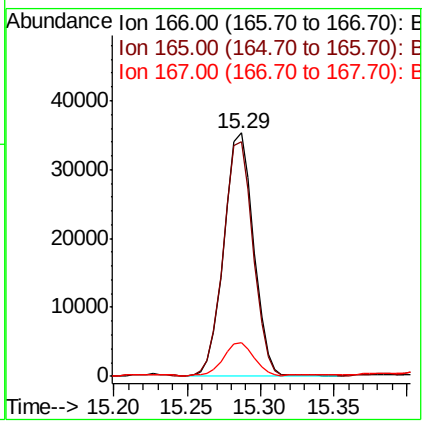
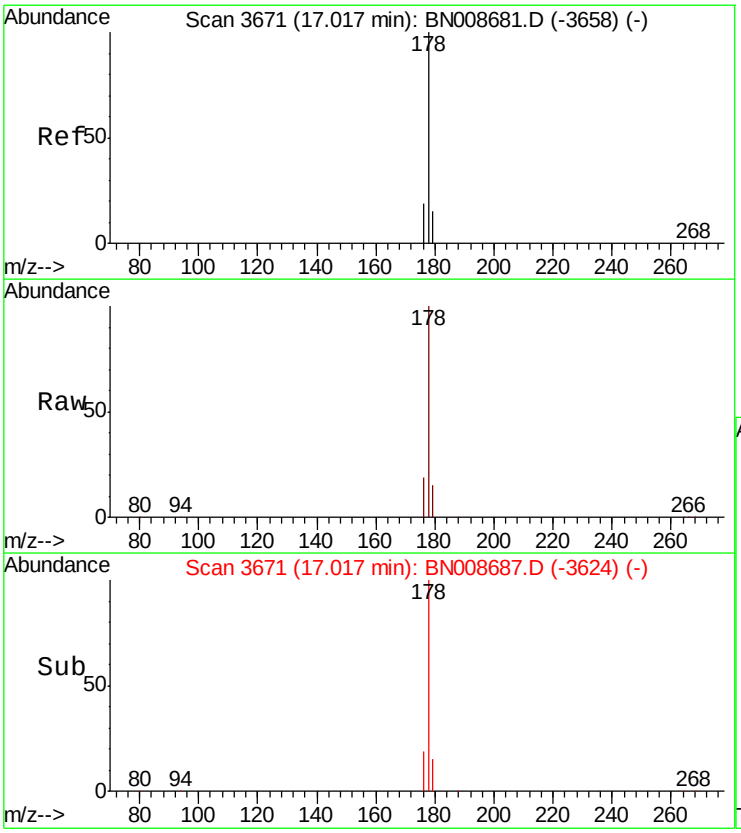
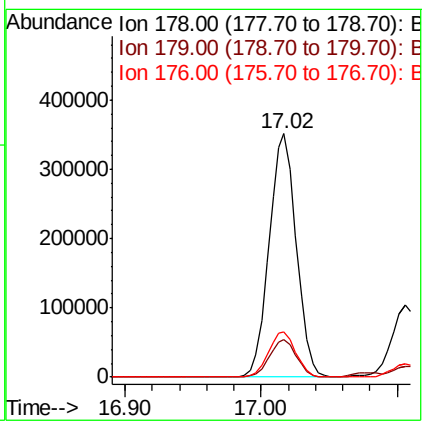


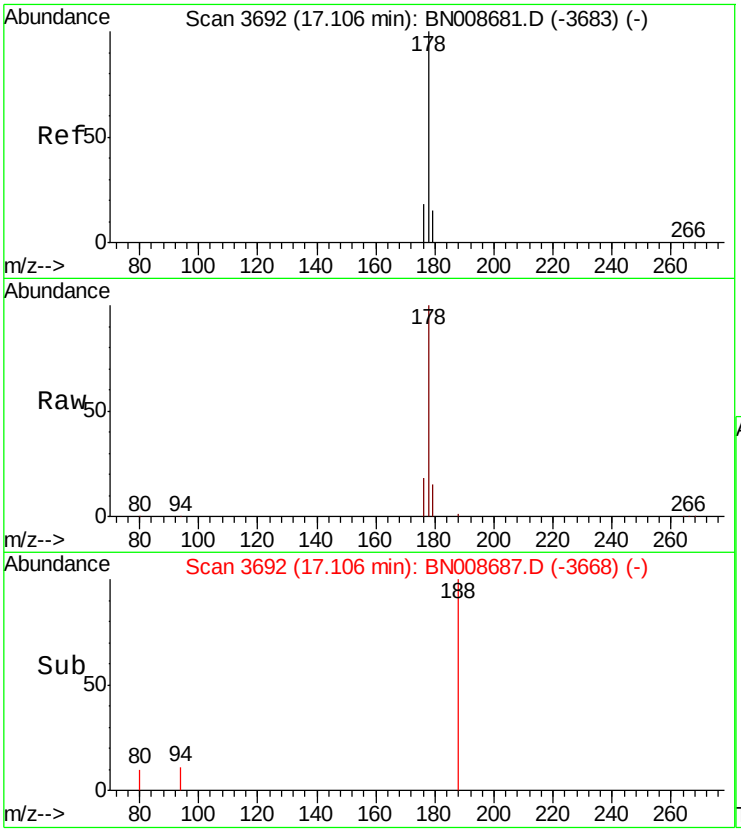


#12
Phenanthrene
Concen: 8.869 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:178 Resp: 491152

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.6	16.0	24.0

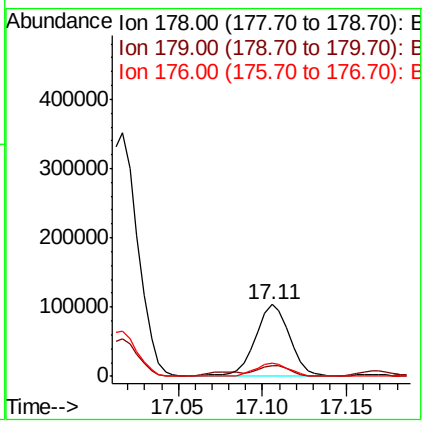




#13
Anthracene
Concen: 2.731 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:178 Resp: 142888

Ion	Ratio	Lower	Upper
178	100		
179	15.3	13.0	19.4
176	18.2	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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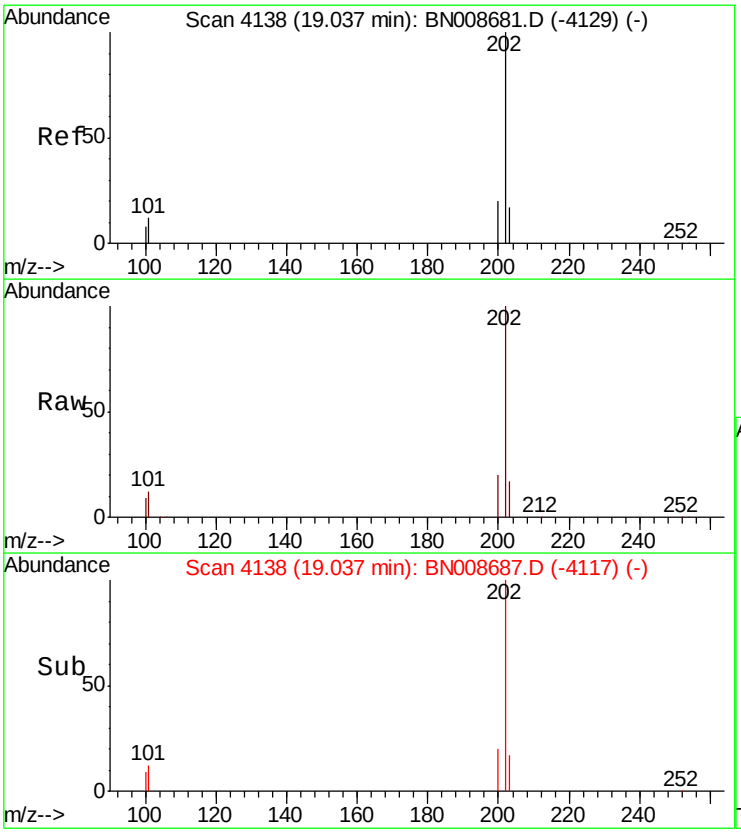
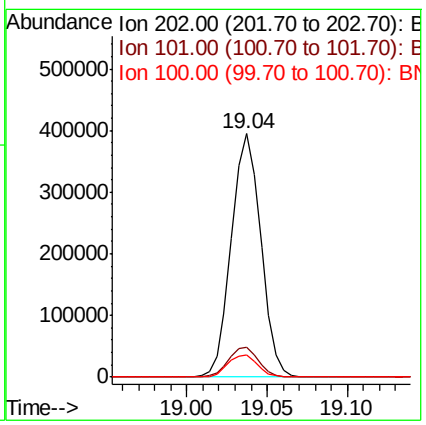
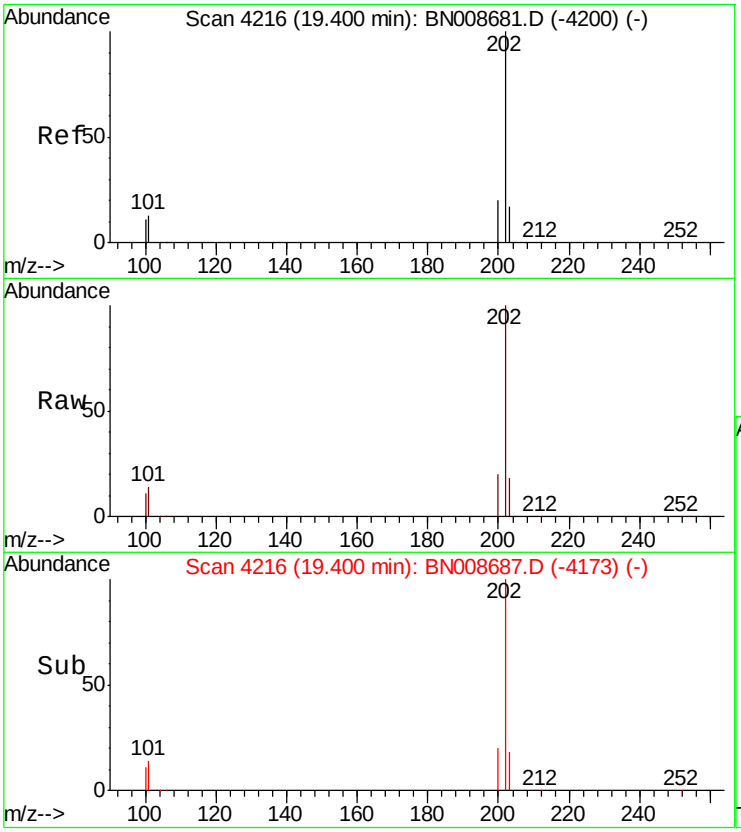


#15
Fluoranthene
Concen: 7.370 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:202 Resp: 501392

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	29.6
100	9.0	0.0	27.0

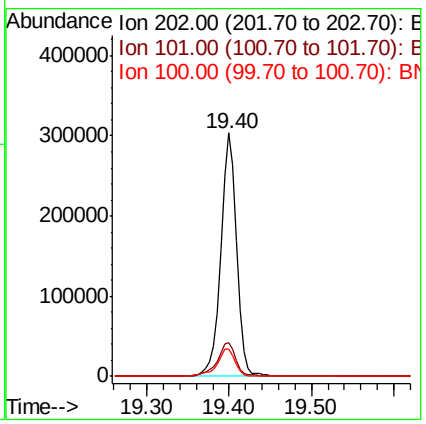




#17
Pyrene
Concen: 7.376 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:202 Resp: 400483

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.2	15.2
100	11.3	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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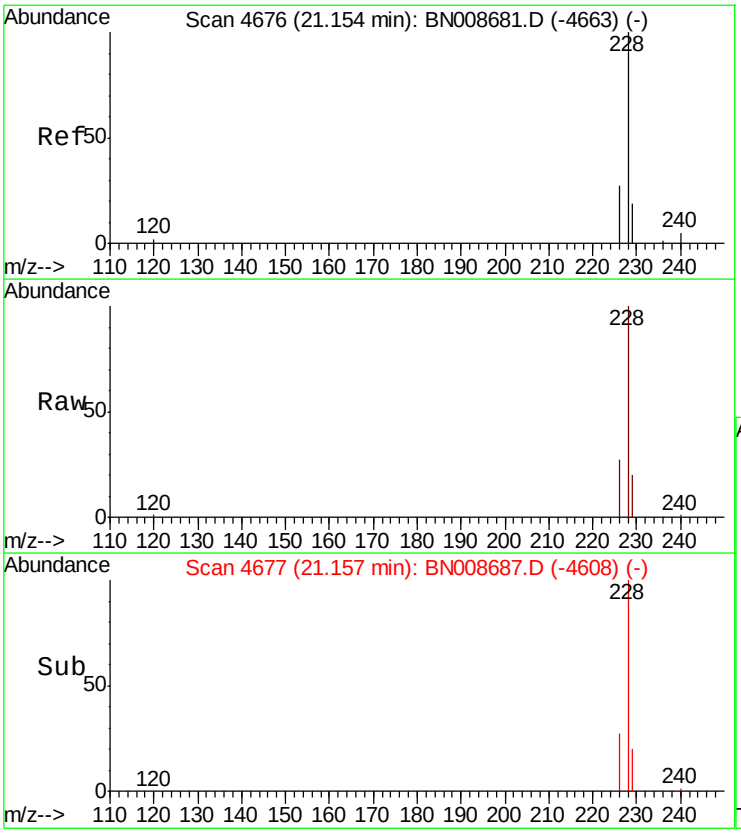
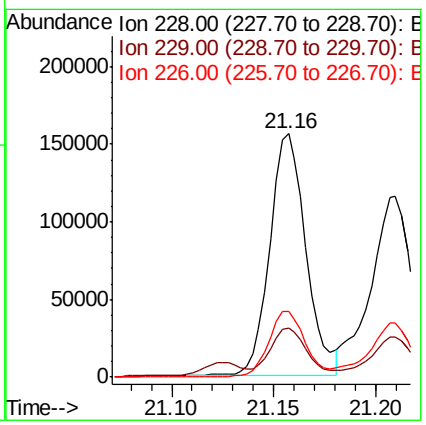
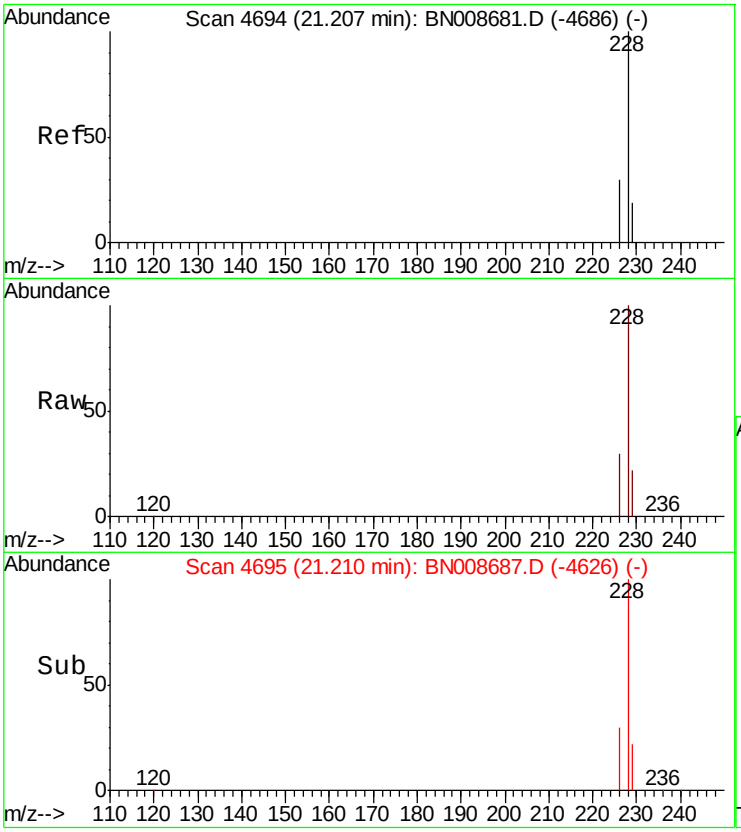


#18
Benzo(a)anthracene
Concen: 3.574 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:228 Resp: 194496

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	27.0	21.6	32.4

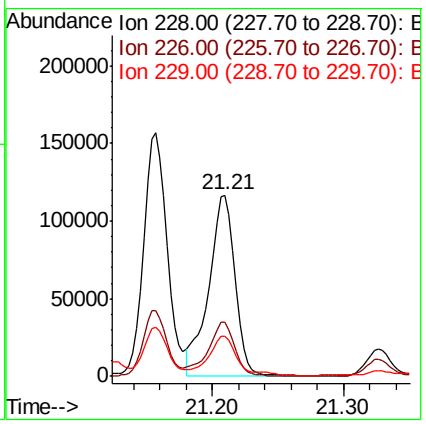




#19
Chrysene
Concen: 3.013 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. 0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:228 Resp: 161081

Ion	Ratio	Lower	Upper
228	100		
226	29.7	24.5	36.7
229	22.4	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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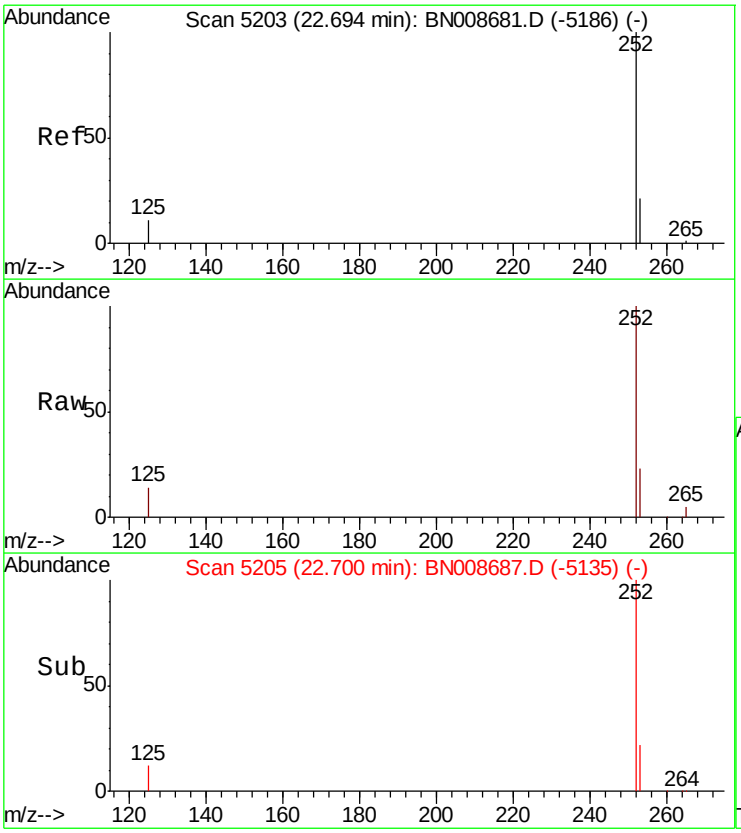
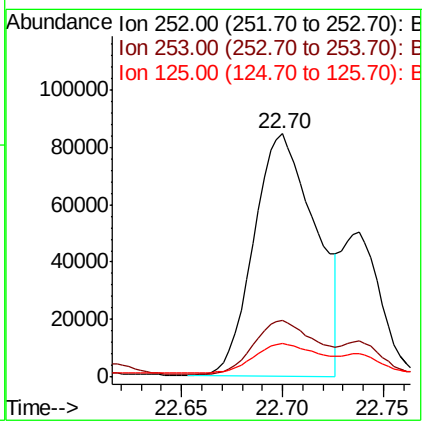
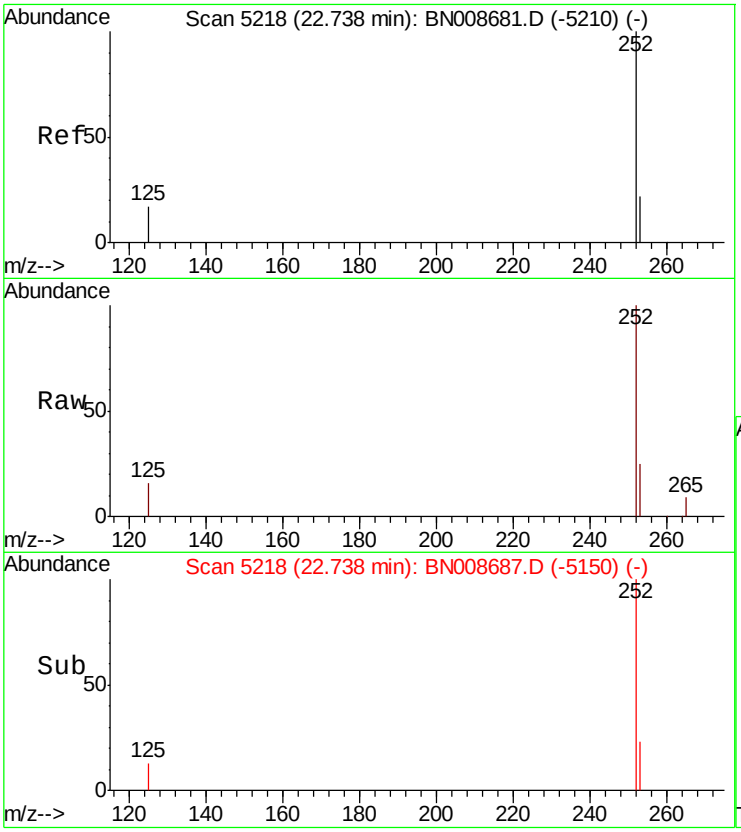


#21
Benzo(b)fluoranthene
Concen: 3.129 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:252 Resp: 179983

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	50.2
125	13.6	0.0	30.0





#22
Benzo(k)fluoranthene
Concen: 1.174 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:252 Resp: 67003

Ion	Ratio	Lower	Upper
252	100		
253	24.8	20.5	30.7
125	16.1	15.0	22.4

Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
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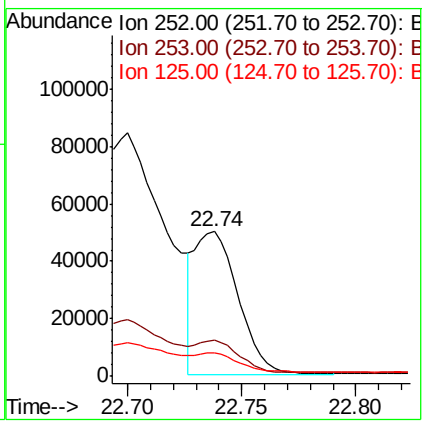
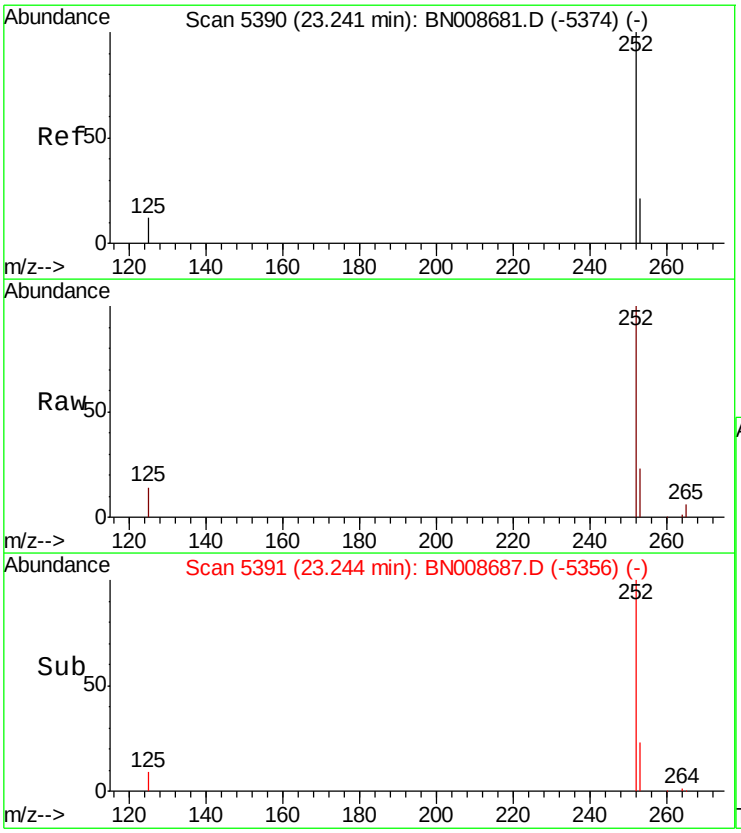
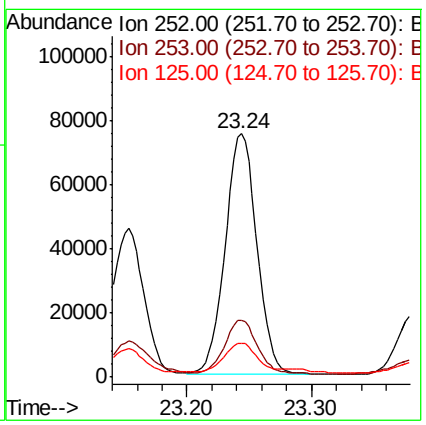


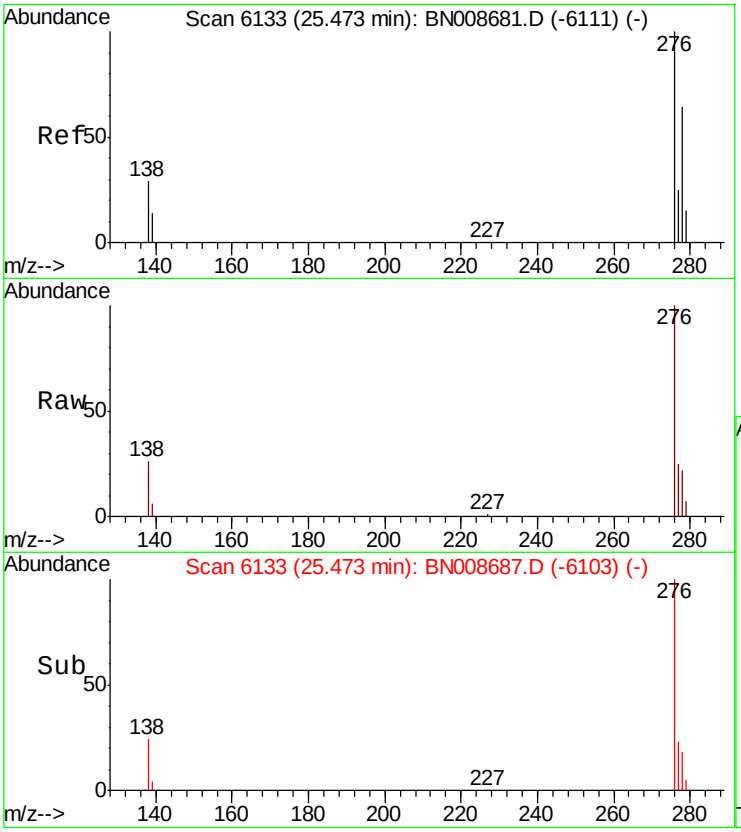


#23
Benzo(a)pyrene
Concen: 2.468 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:252 Resp: 133268

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.4	32.2
125	14.1	13.8	20.8

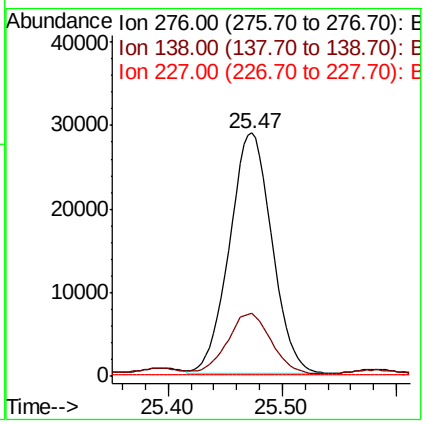




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.167 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:276 Resp: 73722

Ion	Ratio	Lower	Upper
276	100		
138	25.5	21.7	32.5
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

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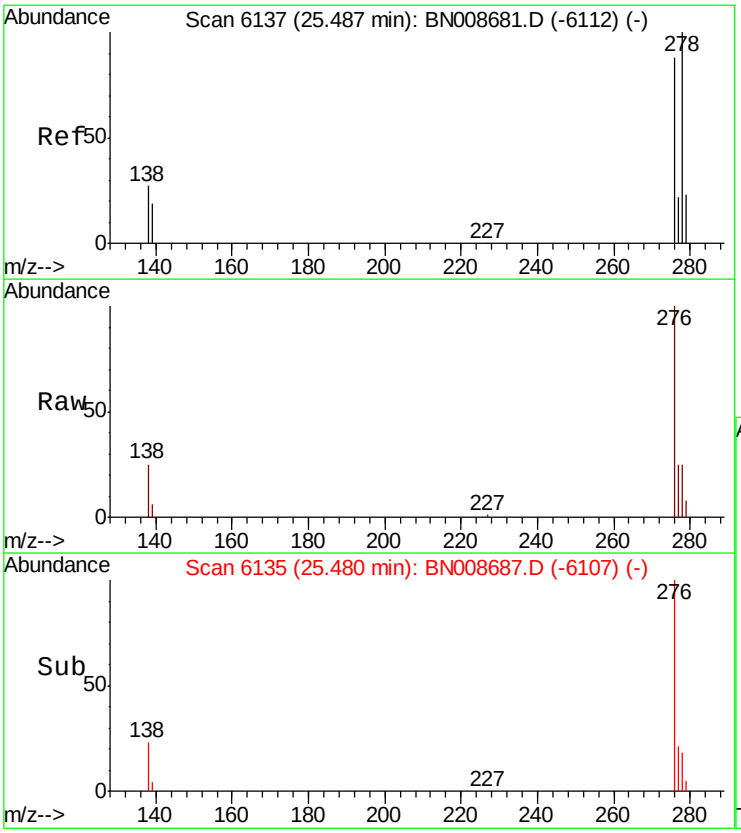
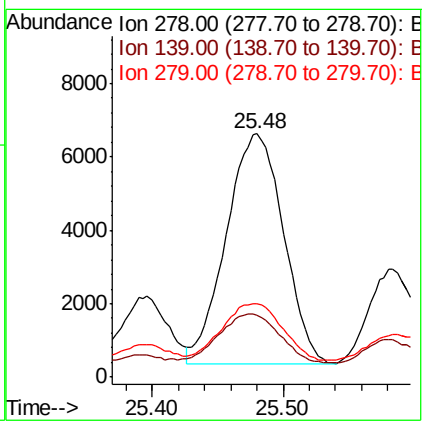
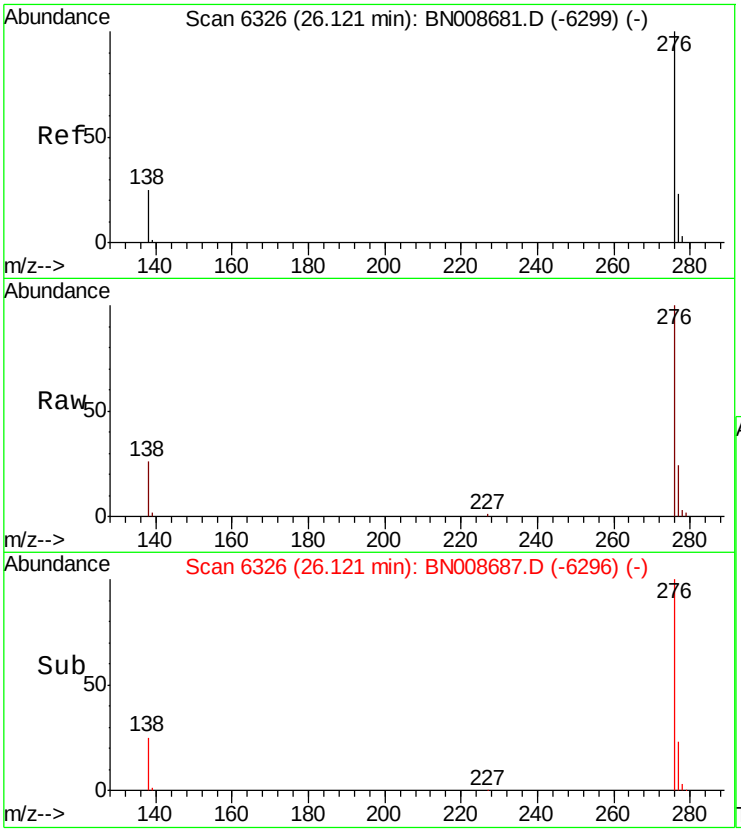


#25
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.01 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:278 Resp: 18965

Ion	Ratio	Lower	Upper
278	100		
139	25.6	18.7	28.1
279	30.1	20.8	31.2

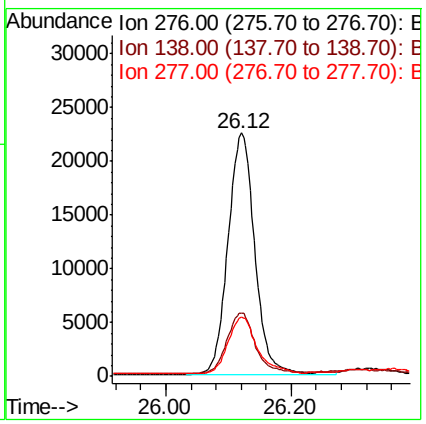




#26
Benzo(g,h,i)perylene
Concen: 1.261 ng/ul
RT: 26.12 min Scan# 6326
Delta R.T. -0.00 min
Lab File: BN008687.D
Acq: 21 Nov 2019 21:03

Tgt Ion:276 Resp: 66620

Ion	Ratio	Lower	Upper
276	100		
138	25.9	20.0	30.0
277	24.2	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AB5DL

Manual Integrations APPROVED
mohammad
11/22/2019 1:23:43 PM