Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008815.D
Acq On : 02 Dec 2019 15:30
Operator : JU
Sample : K5851-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AA1DL

Manual Integrations APPROVED
mohammad
12/3/2019 2:38:52 PM

Quant Time: Dec 02 16:28:43 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	5364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	22266	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	12384	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	25184	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	19054	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	16683	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1644	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	3704	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	3121	0.046	ng/ul#	94
5) 2-Methylnaphthalene	12.02	142	1777	0.038	ng/ul	98
7) Acenaphthylene	13.93	152	6765	0.099	ng/ul	98
9) Fluorene	15.27	166	1403	0.024	ng/ul#	93
12) Phenanthrene	17.00	178	9841	0.116	ng/ul	99
13) Anthracene	17.09	178	4539	0.057	ng/ul#	94
15) Fluoranthene	19.02	202	40415	0.387	ng/ul	98
17) Pyrene	19.39	202	35405	0.463	ng/ul	98
18) Benzo(a)anthracene	21.15	228	23513	0.307	ng/ul#	89
19) Chrysene	21.20	228	22402m	0.298	ng/ul	
21) Benzo(b)fluoranthene	22.68	252	27133m	0.394	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	9093m	0.133	ng/ul	
23) Benzo(a)pyrene	23.23	252	18441	0.286	ng/ul#	78
24) Indeno(1,2,3-cd)pyrene	25.45	276	11179	0.148	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.46	278	2680	0.044	ng/ul#	1
26) Benzo(g,h,i)perylene	26.09	276	11329	0.179	ng/ul#	84

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN120219\
Data File : BN008815.D
Acq On : 02 Dec 2019 15:30
Operator : JU
Sample : K5851-01DL 5X
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Dec 02 16:28:43 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 : Mon Dec 02 12:46:36 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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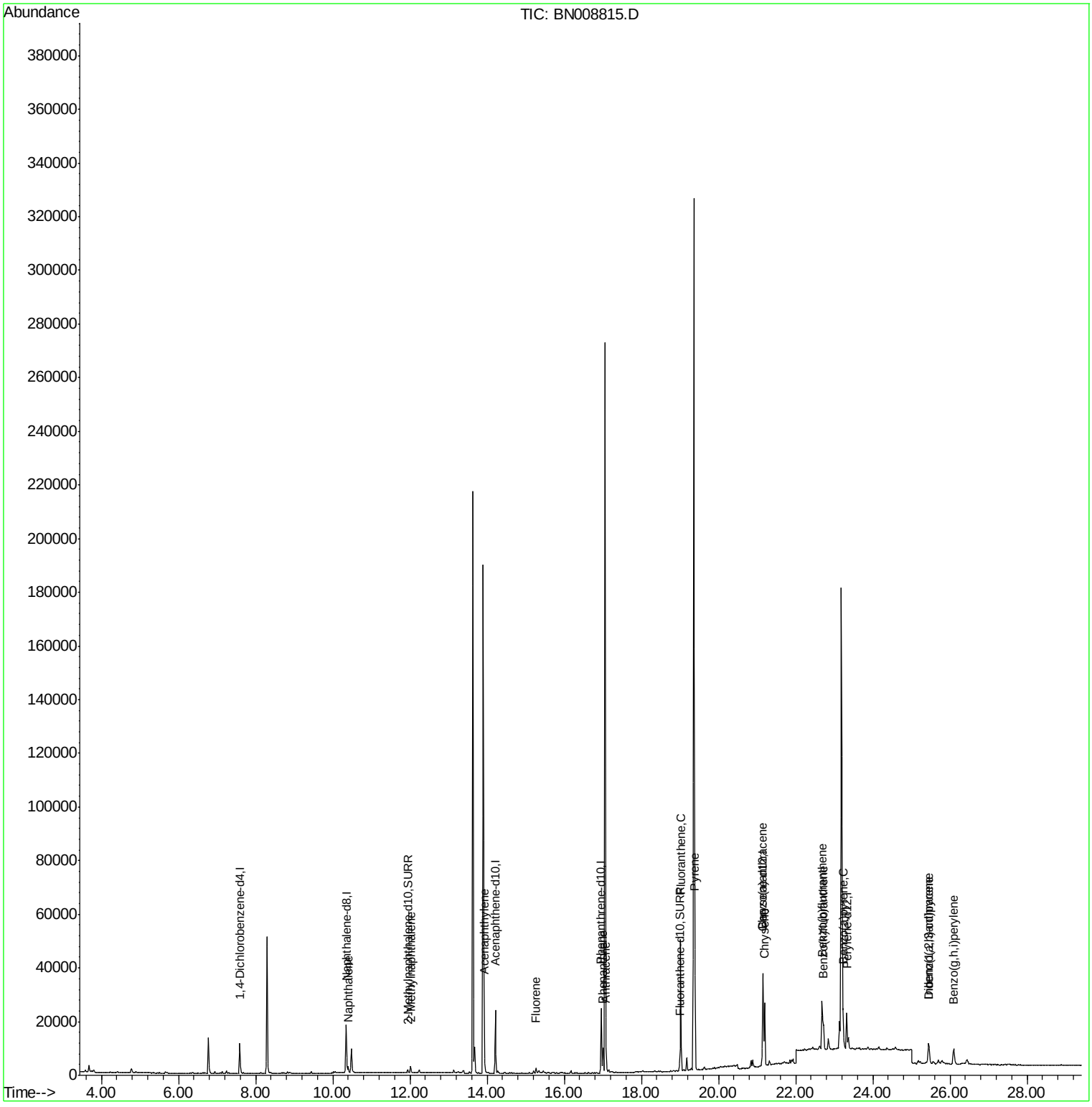

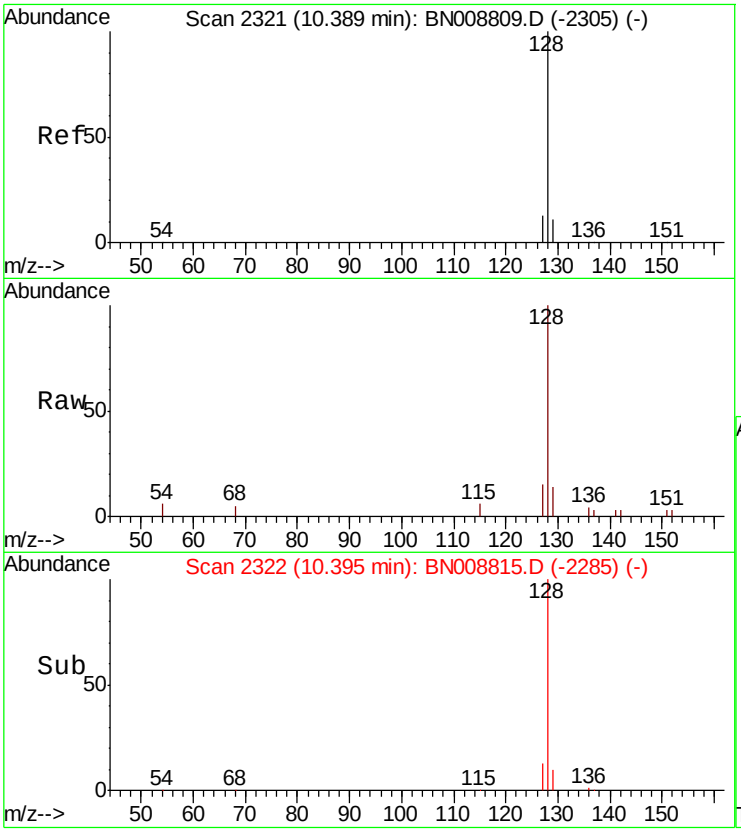

#3
Naphthalene
Concen: 0.046 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:128 Resp: 3121

Ion	Ratio	Lower	Upper
128	100		
129	14.1	9.1	13.7#
127	15.2	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0AA1DL

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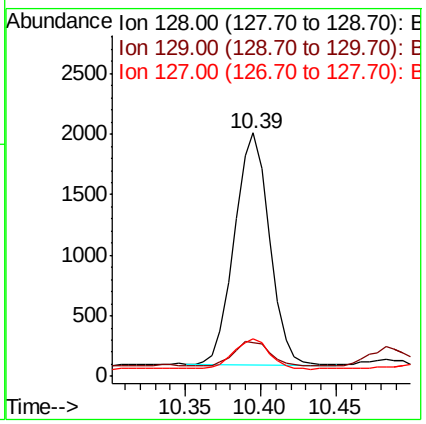
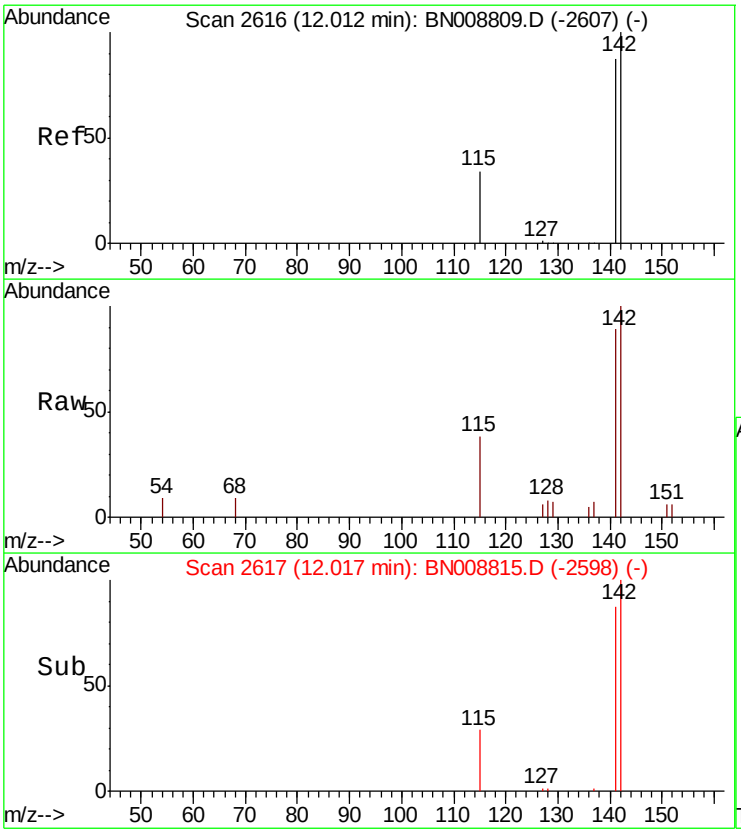
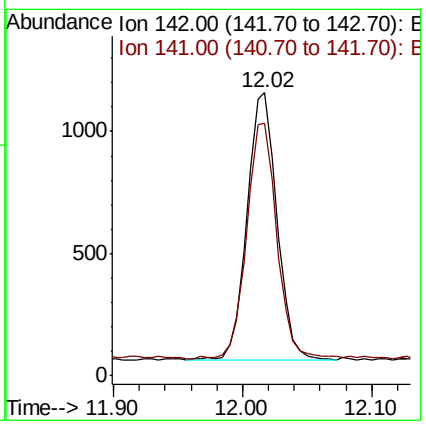


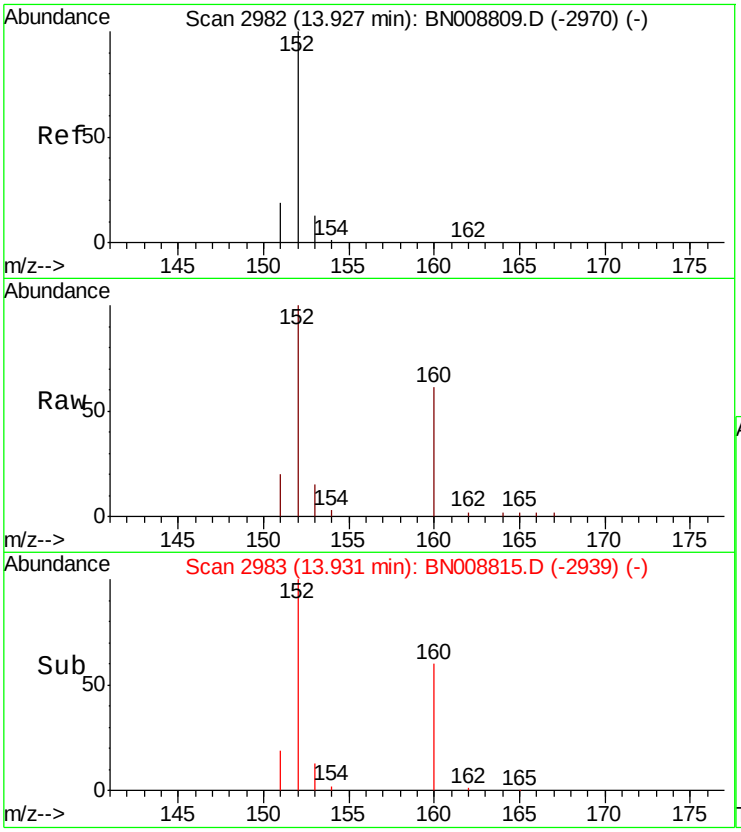


#5
2-Methylnaphthalene
Concen: 0.038 ng/ul
RT: 12.02 min Scan# 2617
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:142 Resp: 1777

Ion	Ratio	Lower	Upper
142	100		
141	89.5	70.1	105.1

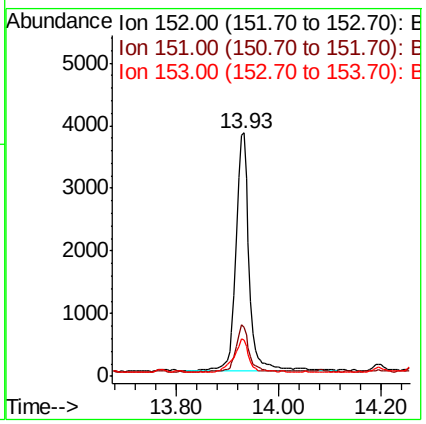




#7
Acenaphthylene
Concen: 0.099 ng/ul
RT: 13.93 min Scan# 2983
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:152 Resp: 6765

Ion	Ratio	Lower	Upper
152	100		
151	20.2	15.8	23.6
153	14.7	10.6	15.8



Instrument :
BNA_N
ClientSampleId :
C0AA1DL

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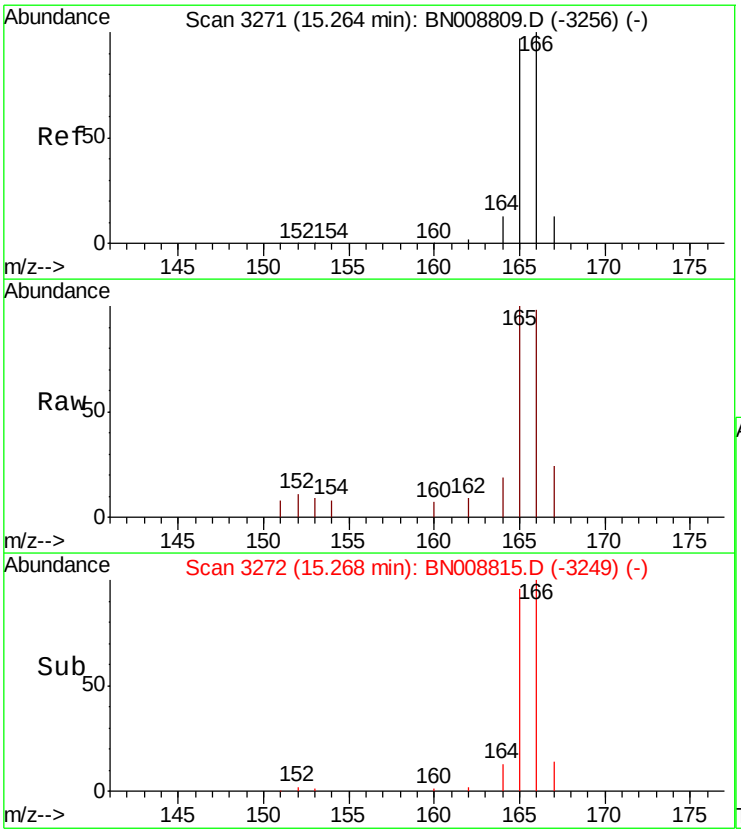
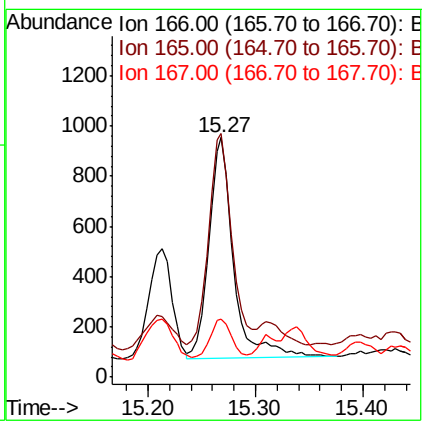
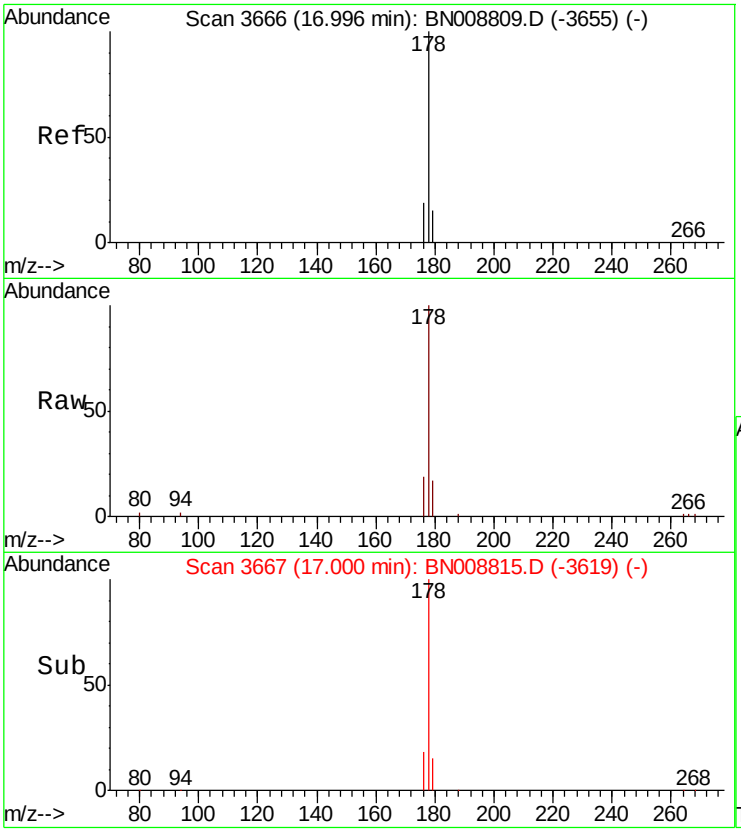


#9
Fluorene
Concen: 0.024 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:166 Resp: 1403

Ion	Ratio	Lower	Upper
166	100		
165	101.6	77.7	116.5
167	24.2	11.1	16.7#

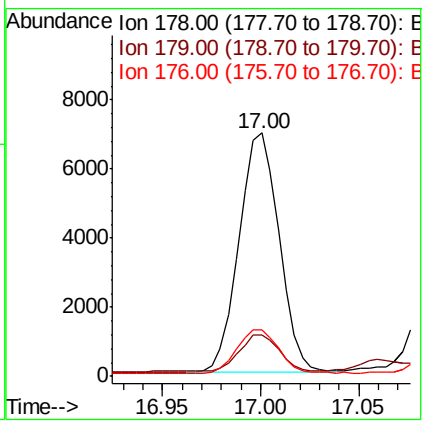




#12
Phenanthrene
Concen: 0.116 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:178 Resp: 9841

Ion	Ratio	Lower	Upper
178	100		
179	16.7	12.6	18.8
176	19.2	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AA1DL

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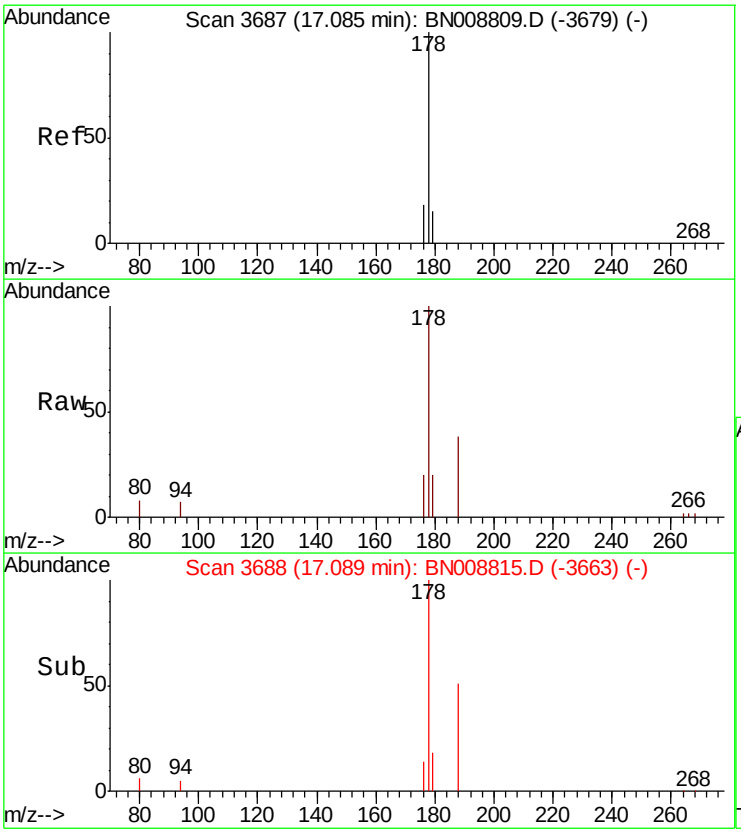
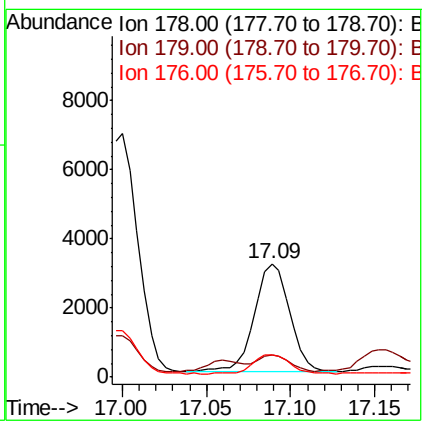
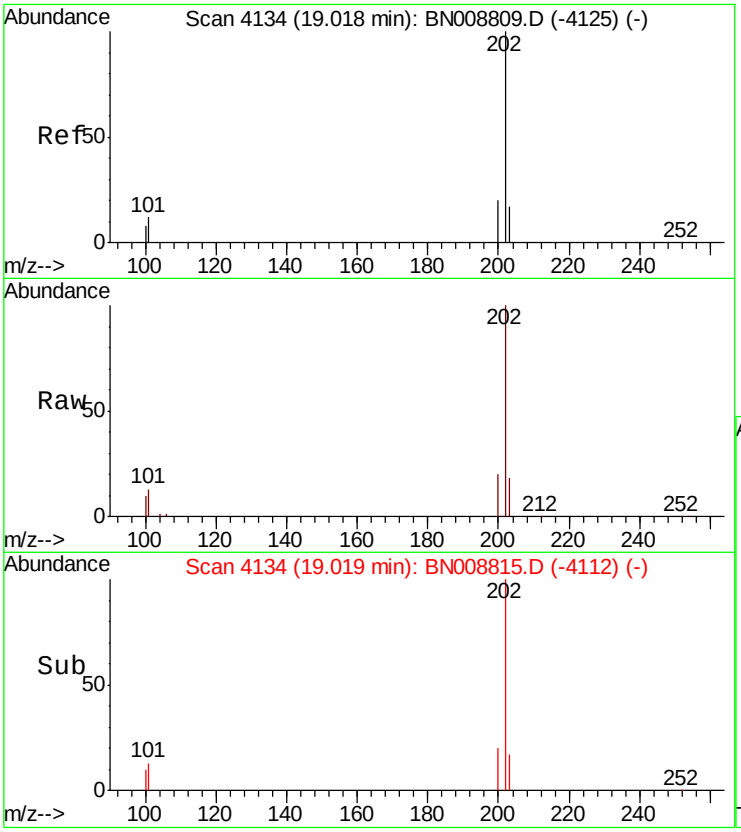


#13
Anthracene
Concen: 0.057 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:178 Resp: 4539

Ion	Ratio	Lower	Upper
178	100		
179	19.6	12.2	18.4#
176	19.8	14.7	22.1

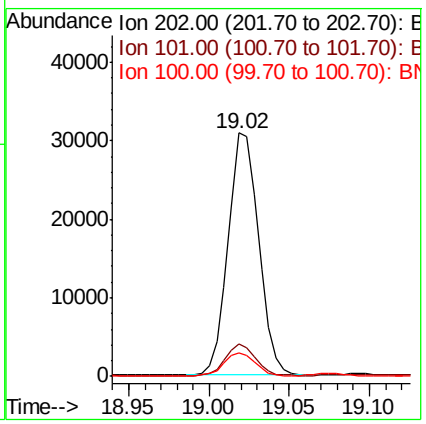




#15
Fluoranthene
Concen: 0.387 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:202 Resp: 40415

Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.4
100	9.9	0.0	29.2



Instrument :
BNA_N
ClientSampleId :
C0AA1DL

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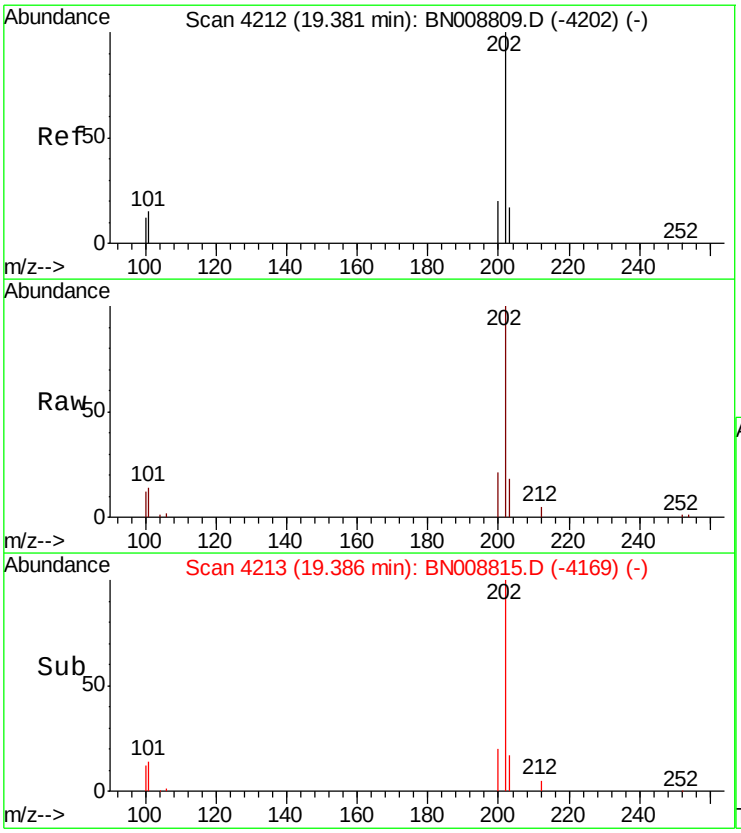
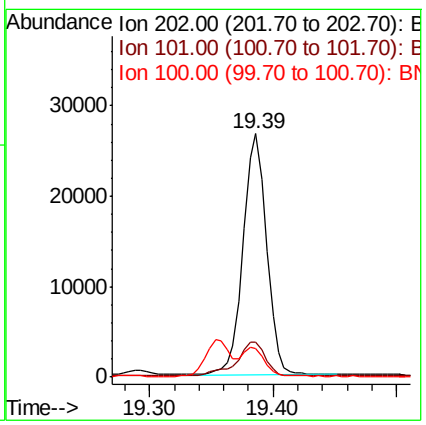
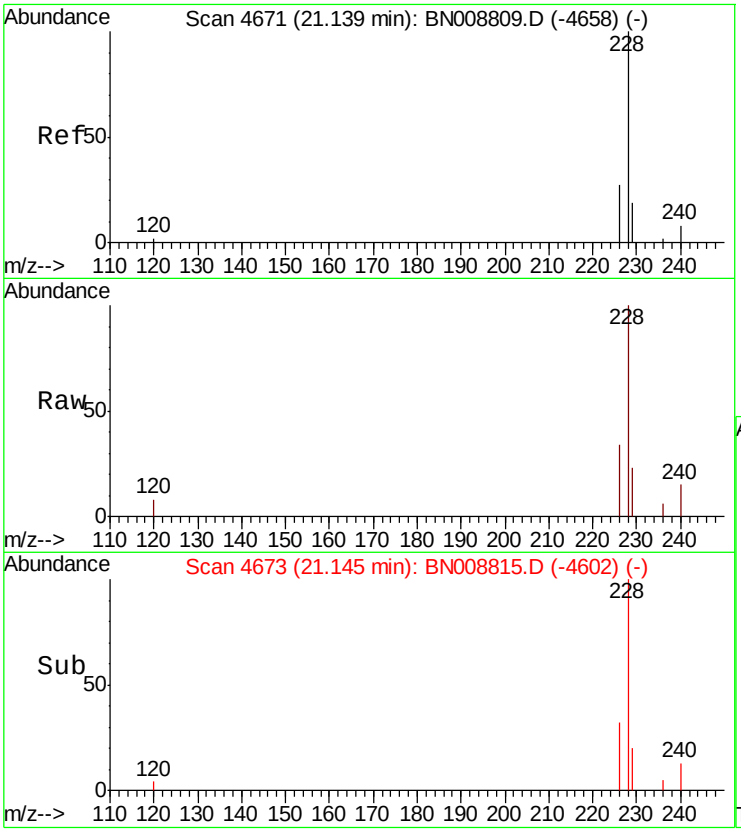


#17
Pyrene
Concen: 0.463 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:202 Resp: 35405

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.4
100	11.6	9.5	14.3





#18
Benzo(a)anthracene
Concen: 0.307 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:228 Resp: 23513

Ion	Ratio	Lower	Upper
228	100		
229	23.2	15.7	23.5
226	33.9	21.5	32.3#

Instrument :
BNA_N
ClientSampleId :
C0AA1DL

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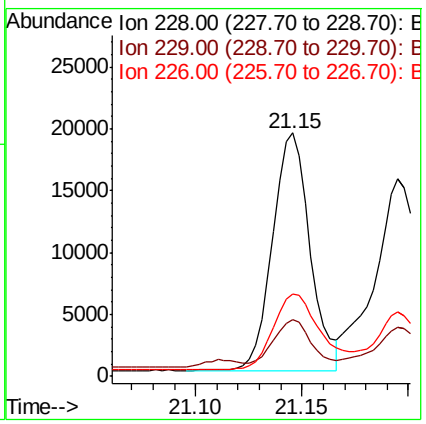
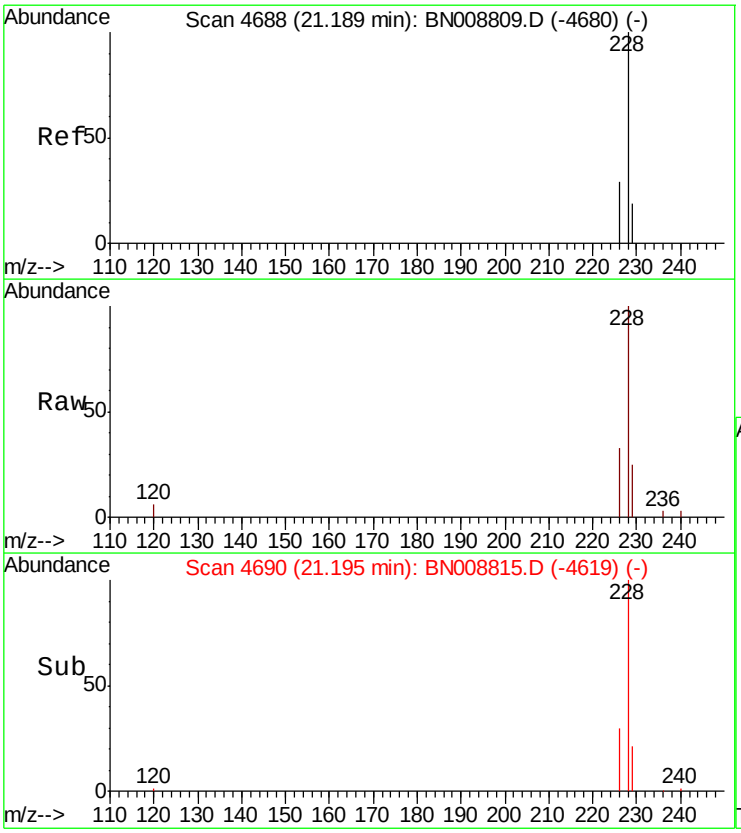
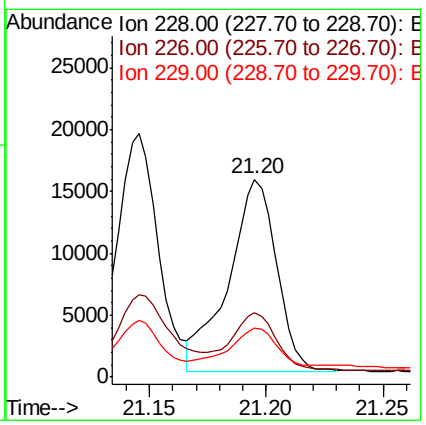


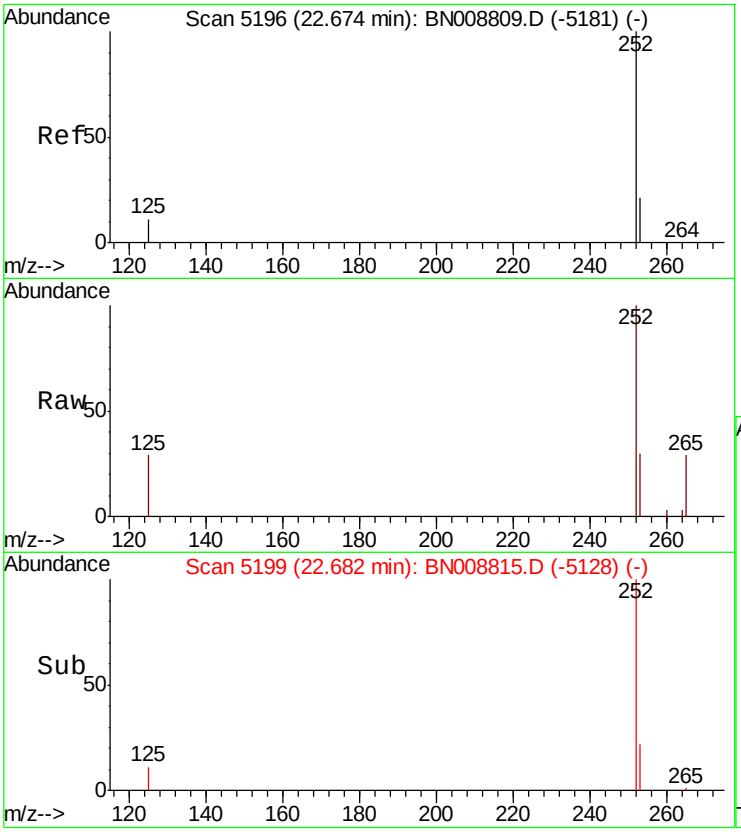


#19
Chrysene
Concen: 0.298 ng/ul m
RT: 21.20 min Scan# 4690
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:228 Resp: 22402

Ion	Ratio	Lower	Upper
228	100		
226	32.5	23.8	35.6
229	24.9	15.6	23.4#





#21
Benzo(b)fluoranthene
Concen: 0.394 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:252 Resp: 27133

Ion	Ratio	Lower	Upper
252	100		
253	30.2	0.0	48.6
125	28.8	0.0	31.6

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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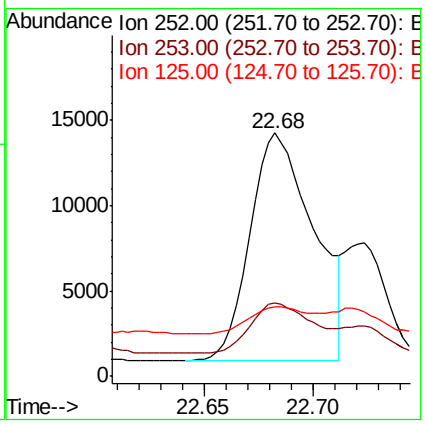
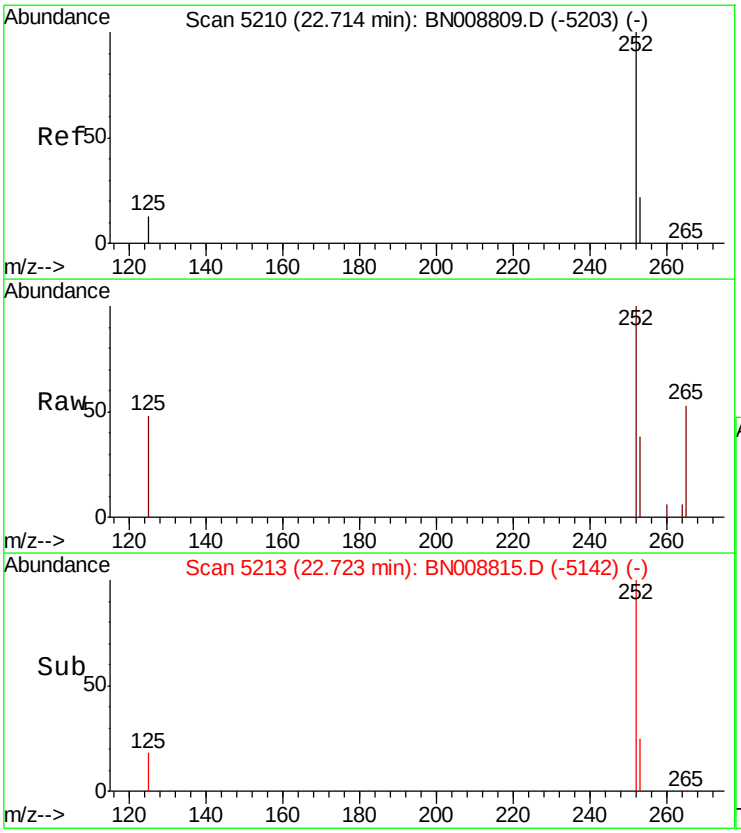
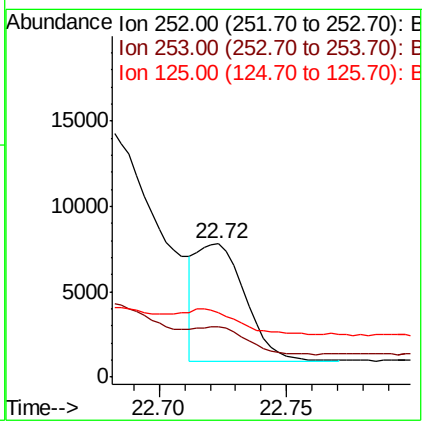


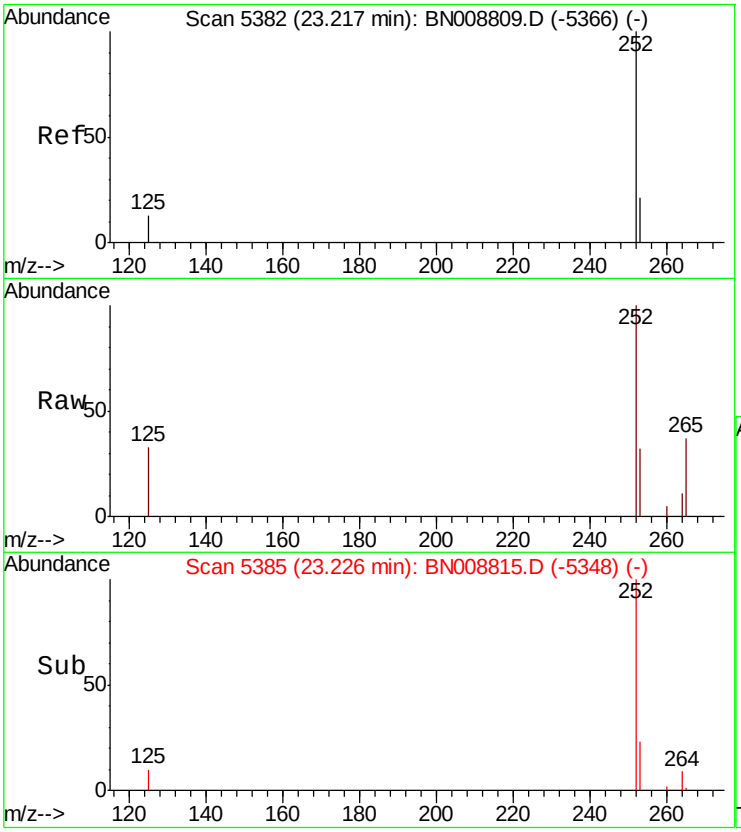


#22
Benzo(k)fluoranthene
Concen: 0.133 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:252 Resp: 9093

Ion	Ratio	Lower	Upper
252	100		
253	38.1	19.6	29.4#
125	48.3	13.8	20.6#





#23
Benzo(a)pyrene
Concen: 0.286 ng/ul
RT: 23.23 min Scan# 5385
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:252 Resp: 18441

Ion	Ratio	Lower	Upper
252	100		
253	32.1	19.9	29.9#
125	32.5	14.6	22.0#

Instrument :
BNA_N
ClientSampleId :
C0AA1DL

Manual Integrations APPROVED
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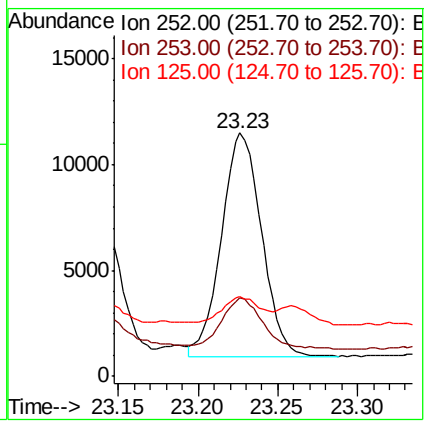
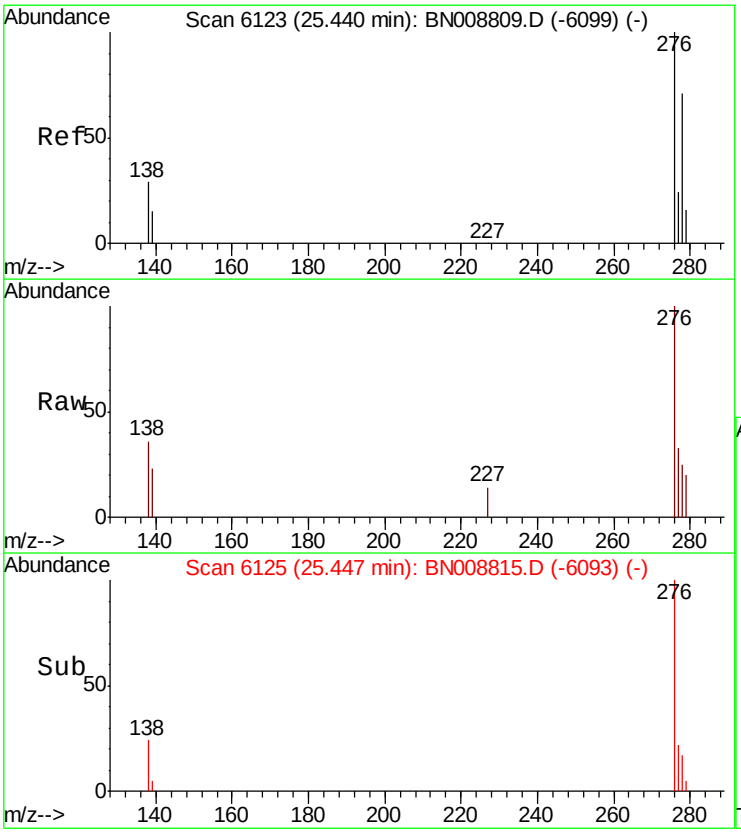
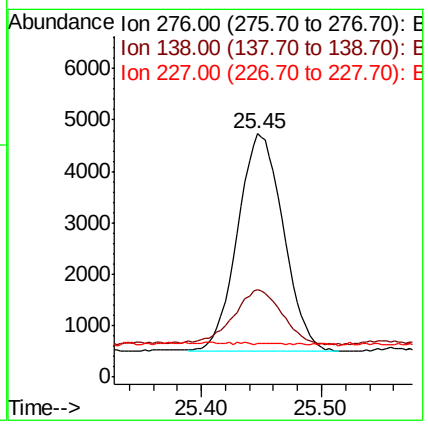


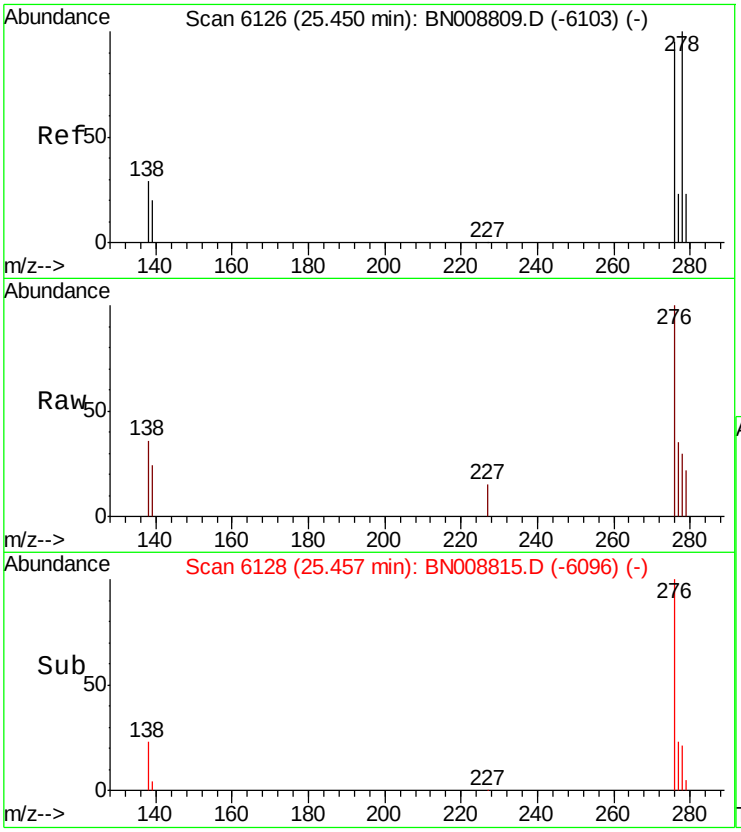


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.148 ng/ul
RT: 25.45 min Scan# 6125
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:276 Resp: 11179

Ion	Ratio	Lower	Upper
276	100		
138	27.5	23.8	35.6
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.044 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:278 Resp: 2680

Ion	Ratio	Lower	Upper
278	100		
139	81.2	17.4	26.0#
279	72.8	20.5	30.7#

Instrument :
BNA_N
ClientSampleId :
C0AA1DL

Manual Integrations APPROVED
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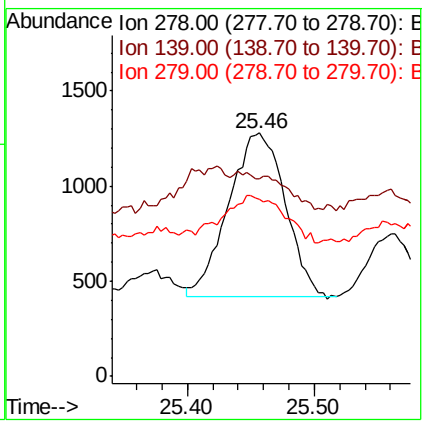
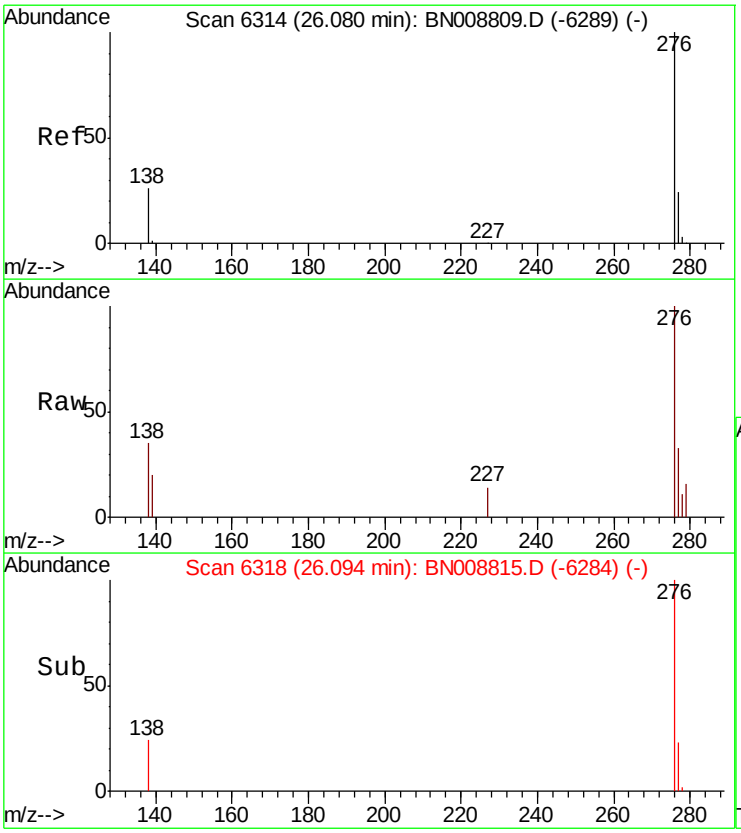
12/3/2019 2:38:52 PM





#26
Benzo(g,h,i)perylene
Concen: 0.179 ng/ul
RT: 26.09 min Scan# 6318
Delta R.T. 0.01 min
Lab File: BN008815.D
Acq: 02 Dec 2019 15:30

Tgt Ion:276 Resp: 11329

Ion	Ratio	Lower	Upper
276	100		
138	35.3	21.9	32.9#
277	33.4	19.9	29.9#