Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 01:41:00 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 Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0BN8

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.56	152	2399	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	10535	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.19	164	6981	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.93	188	16066	0.40	ng/ul	0.00
16) Chrysene-d12	21.13	240	14412	0.40	ng/ul	0.00
20) Perylene-d12	23.28	264	15466	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	3055	0.18	ng/ul	0.00
14) Fluoranthene-d10	18.96	212	9568	0.20	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	3869	0.122	ng/ul#	95
5) 2-Methylnaphthalene	11.98	142	7053	0.318	ng/ul	99
7) Acenaphthylene	13.90	152	1086	0.028	ng/ul#	77
9) Fluorene	15.24	166	1303	0.039	ng/ul#	84
11) Pentachlorophenol	16.59	266	147	0.024	ng/ul	97
12) Phenanthrene	16.97	178	29370	0.542	ng/ul	100
13) Anthracene	17.06	178	2113	0.041	ng/ul#	88
15) Fluoranthene	19.00	202	23443	0.352	ng/ul	99
17) Pyrene	19.36	202	21469	0.371	ng/ul	99
18) Benzo(a)anthracene	21.12	228	9772m	0.169	ng/ul	
19) Chrysene	21.17	228	17823	0.313	ng/ul	97
21) Benzo(b)fluoranthene	22.64	252	14071m	0.221	ng/ul	
22) Benzo(k)fluoranthene	22.68	252	4215m	0.067	ng/ul	
23) Benzo(a)pyrene	23.19	252	8063	0.135	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.38	276	5517	0.079	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.40	278	1480	0.026	ng/ul#	41
26) Benzo(g,h,i)perylene	26.02	276	5401	0.092	ng/ul	92

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN121119\
Data File : BN008926.D
Acq On : 11 Dec 2019 20:33
Operator : JU
Sample : K6088-11
Misc :
ALS Vial : 18 Sample Multiplier: 1

Quant Time: Dec 12 01:41:00 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 Dec 11 10:35:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0BN8

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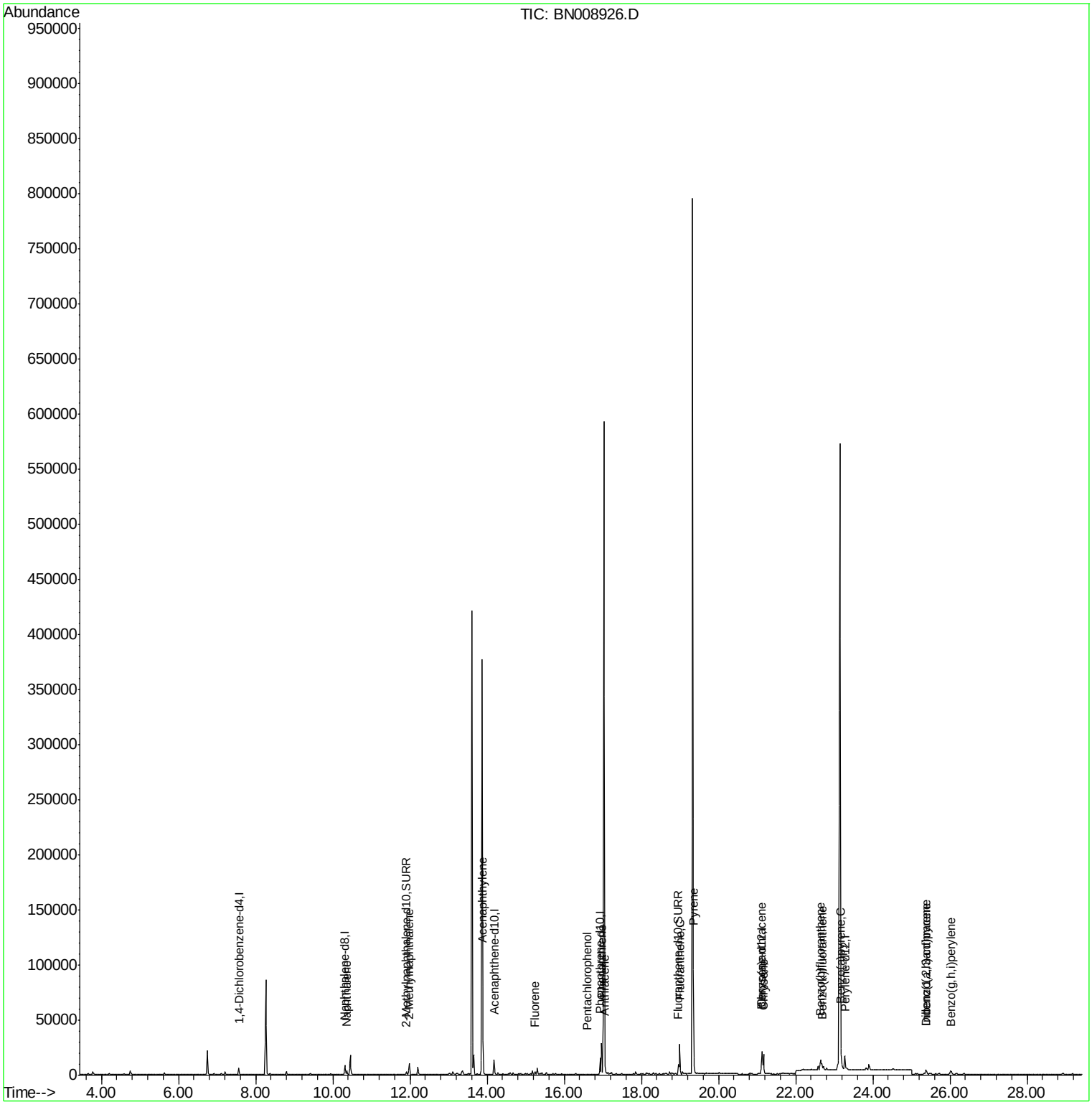

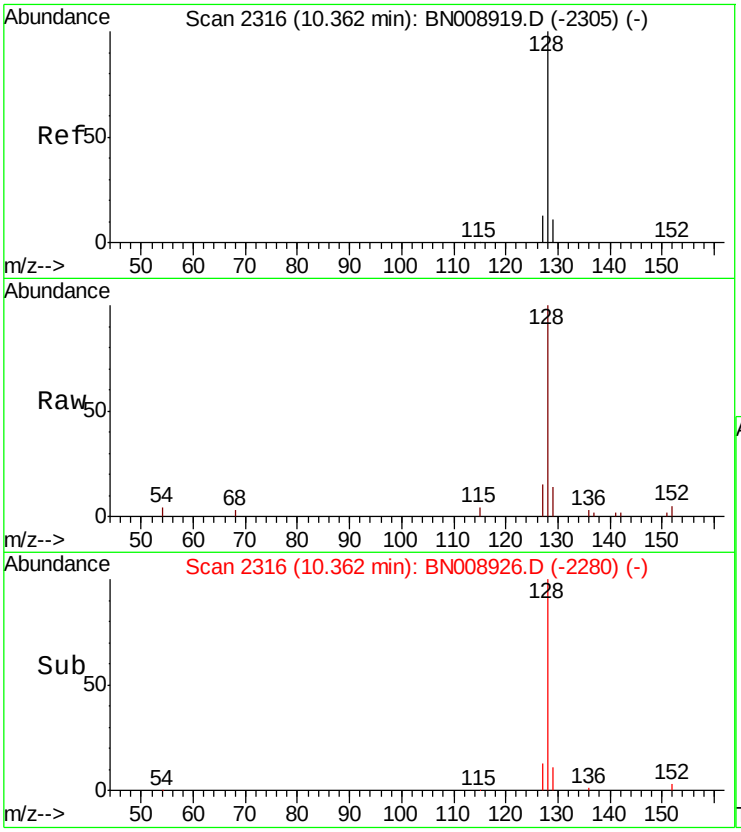

#3
Naphthalene
Concen: 0.122 ng/ul
RT: 10.36 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:128 Resp: 3869

Ion	Ratio	Lower	Upper
128	100		
129	13.8	9.1	13.7#
127	15.3	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0BN8

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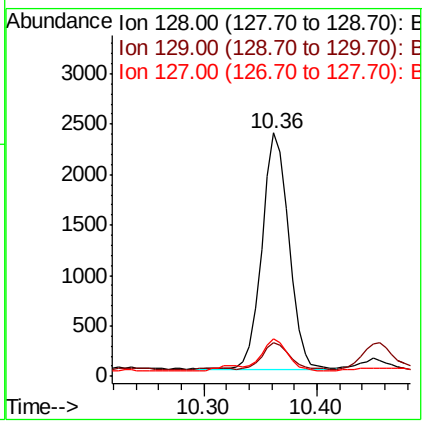
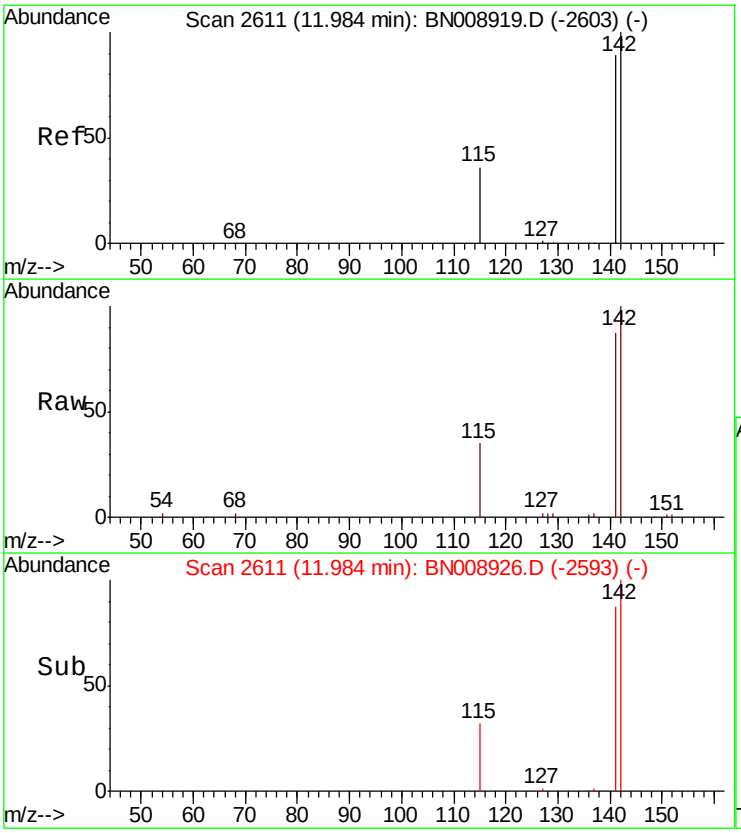
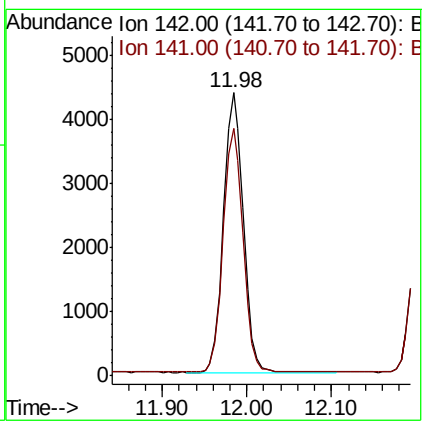


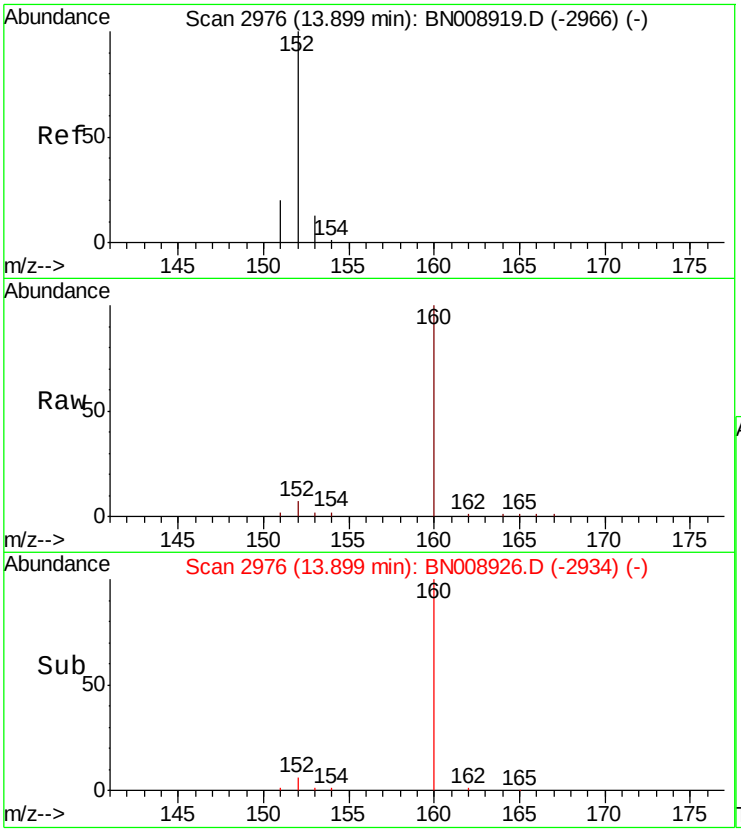


#5
2-Methylnaphthalene
Concen: 0.318 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:142 Resp: 7053

Ion	Ratio	Lower	Upper
142	100		
141	87.1	70.1	105.1





#7
Acenaphthylene
Concen: 0.028 ng/ul
RT: 13.90 min Scan# 2976
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:152 Resp: 1086

Ion	Ratio	Lower	Upper
152	100		
151	27.7	15.8	23.6#
153	25.6	10.6	15.8#

Instrument :
BNA_N
ClientSampleId :
C0BN8

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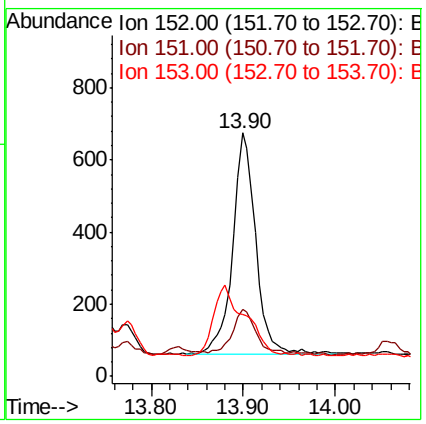
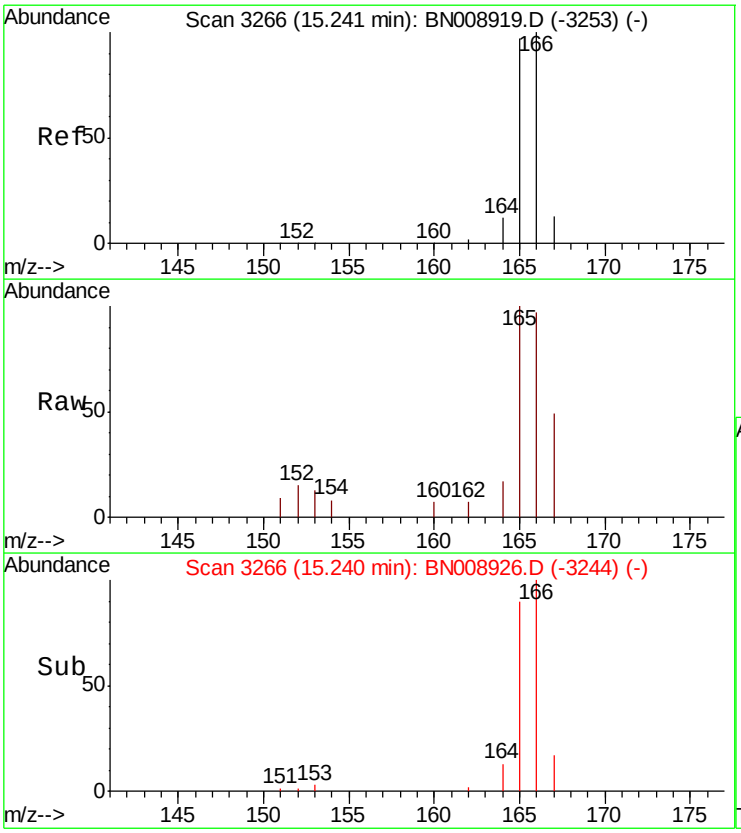
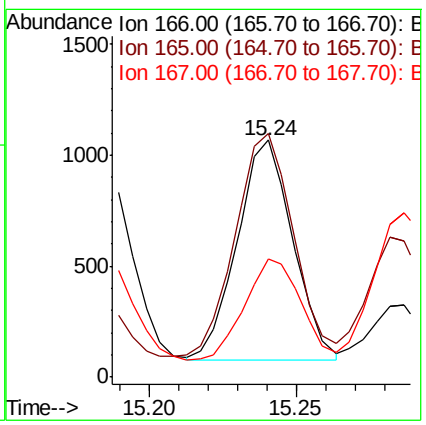


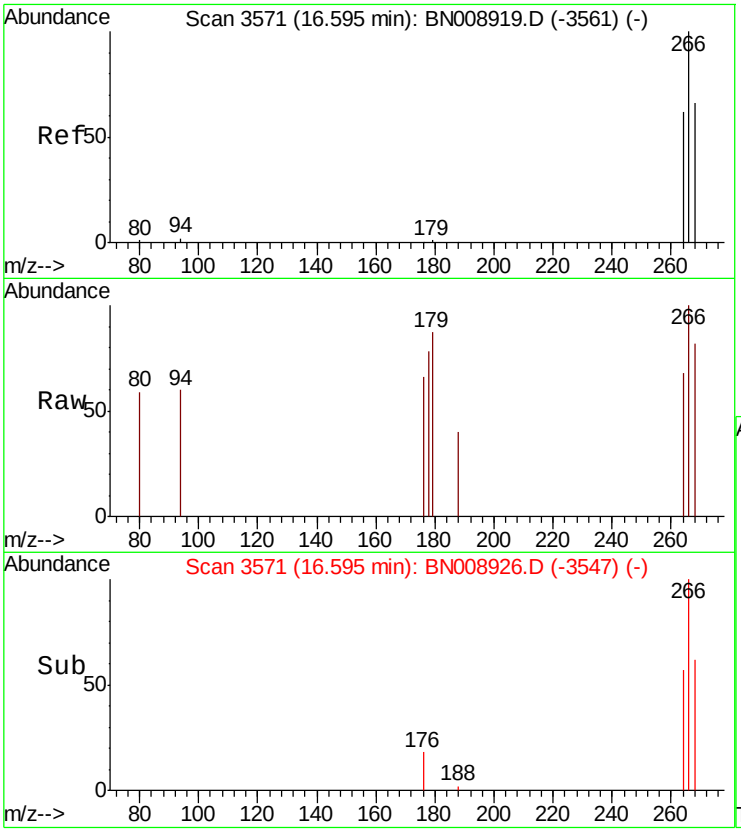


#9
Fluorene
Concen: 0.039 ng/ul
RT: 15.24 min Scan# 3266
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:166 Resp: 1303

Ion	Ratio	Lower	Upper
166	100		
165	102.7	77.7	116.5
167	49.9	11.1	16.7#

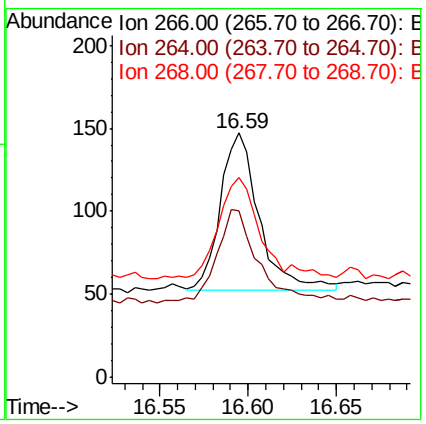




#11
Pentachlorophenol
Concen: 0.024 ng/ul
RT: 16.59 min Scan# 3571
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:266 Resp: 147

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.4	75.6
268	70.1	52.2	78.4



Instrument :
BNA_N
ClientSampleId :
C0BN8

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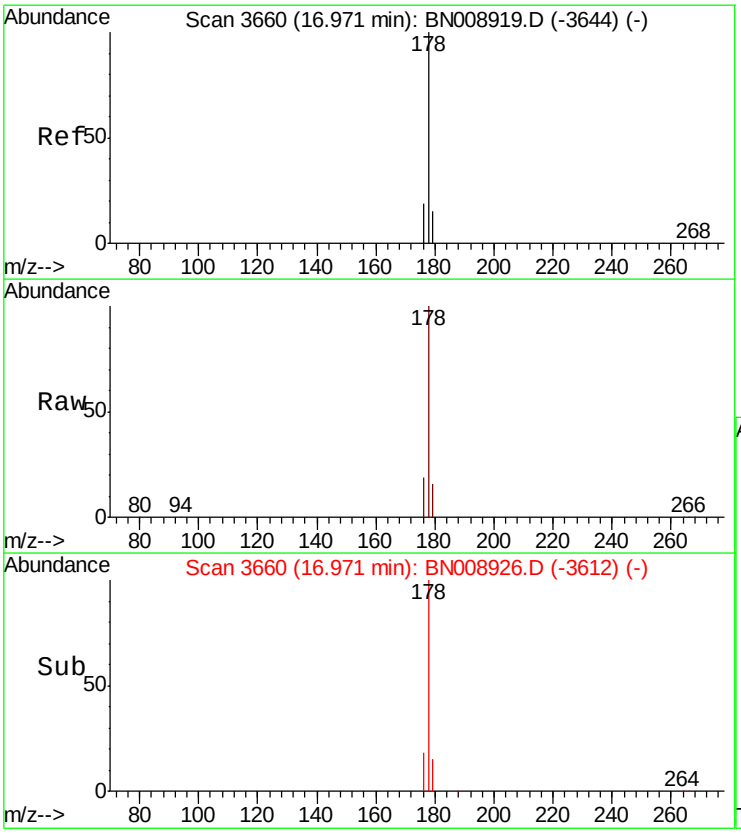
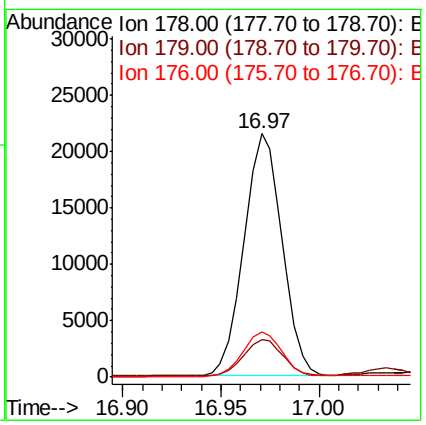
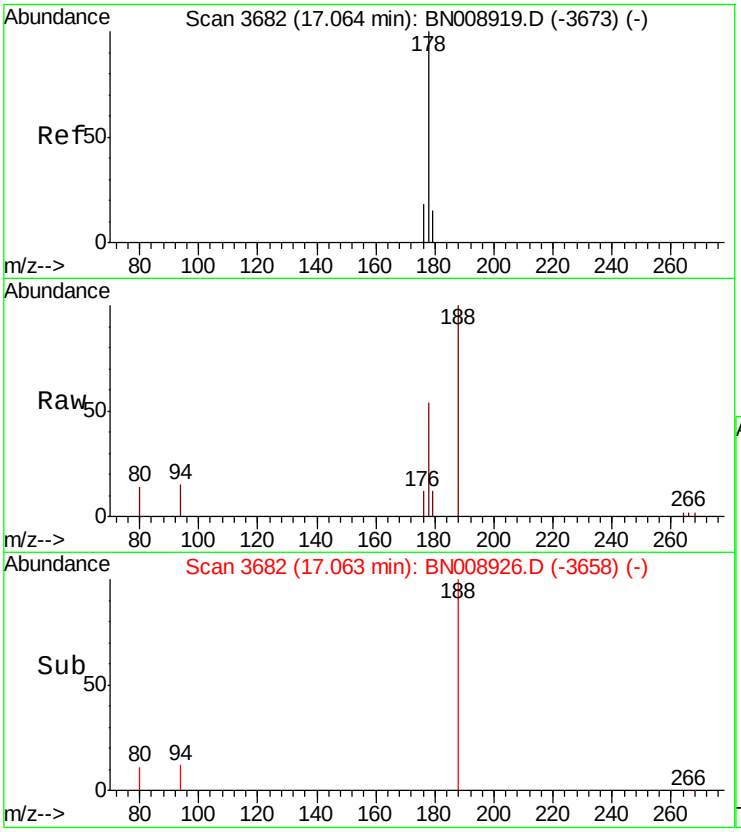


#12
Phenanthrene
Concen: 0.542 ng/ul
RT: 16.97 min Scan# 3660
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:178 Resp: 29370

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.6	18.8
176	18.8	15.3	22.9





#13
Anthracene
Concen: 0.041 ng/ul
RT: 17.06 min Scan# 3682
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:178 Resp: 2113

Ion	Ratio	Lower	Upper
178	100		
179	23.0	12.2	18.4#
176	21.6	14.7	22.1

Instrument :
BNA_N
ClientSampleId :
C0BN8

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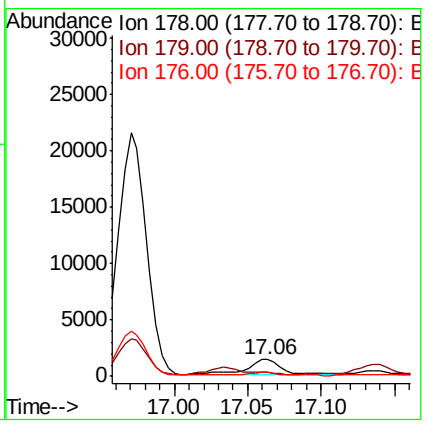
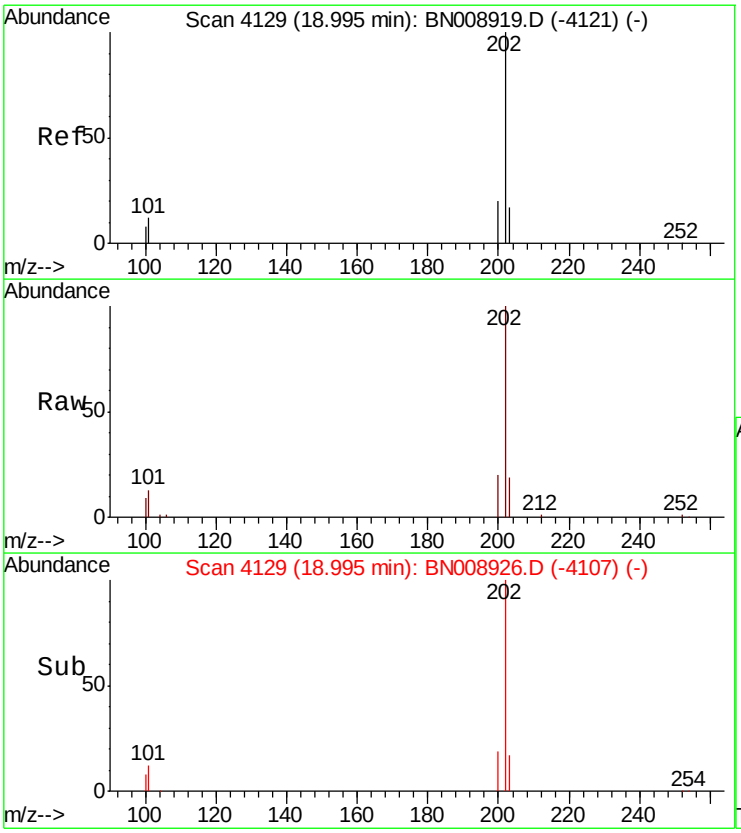
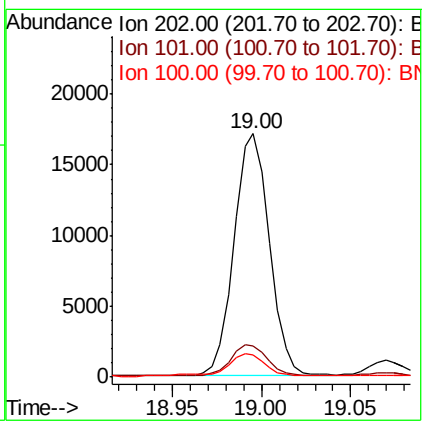


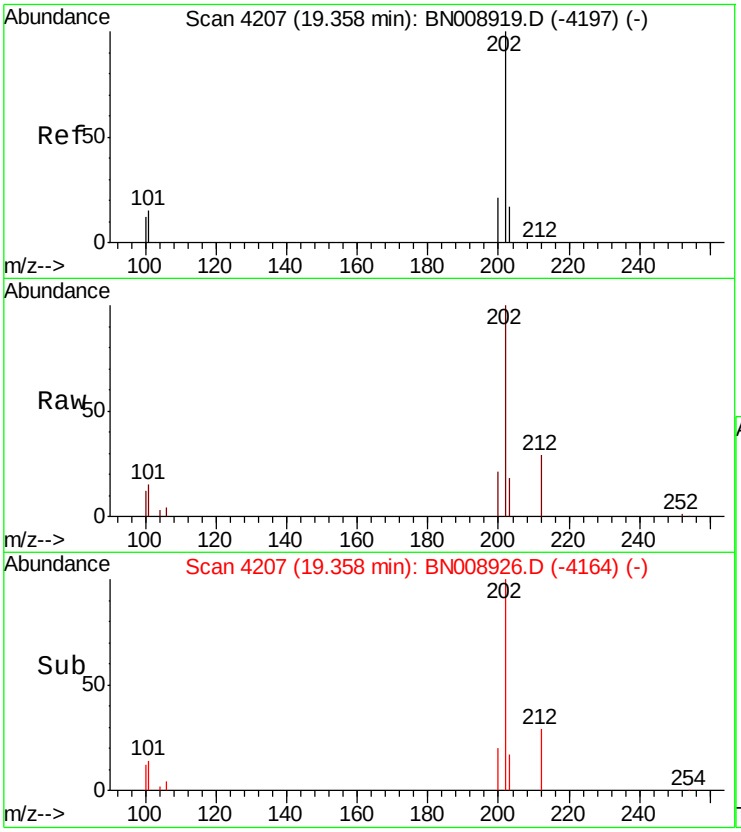


#15
Fluoranthene
Concen: 0.352 ng/ul
RT: 19.00 min Scan# 4129
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:202 Resp: 23443

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	32.4
100	9.0	0.0	29.2





#17
Pyrene
Concen: 0.371 ng/ul
RT: 19.36 min Scan# 4207
Delta R.T. 0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:202 Resp: 21469

Ion	Ratio	Lower	Upper
202	100		
101	14.9	12.2	18.4
100	12.3	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0BN8

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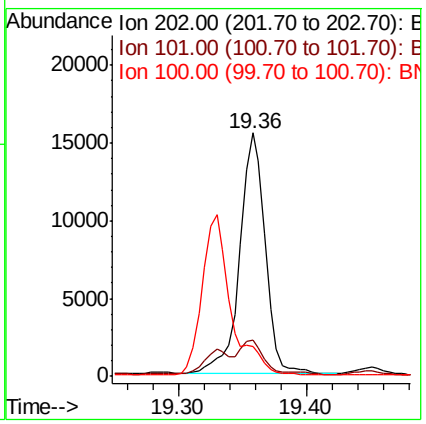
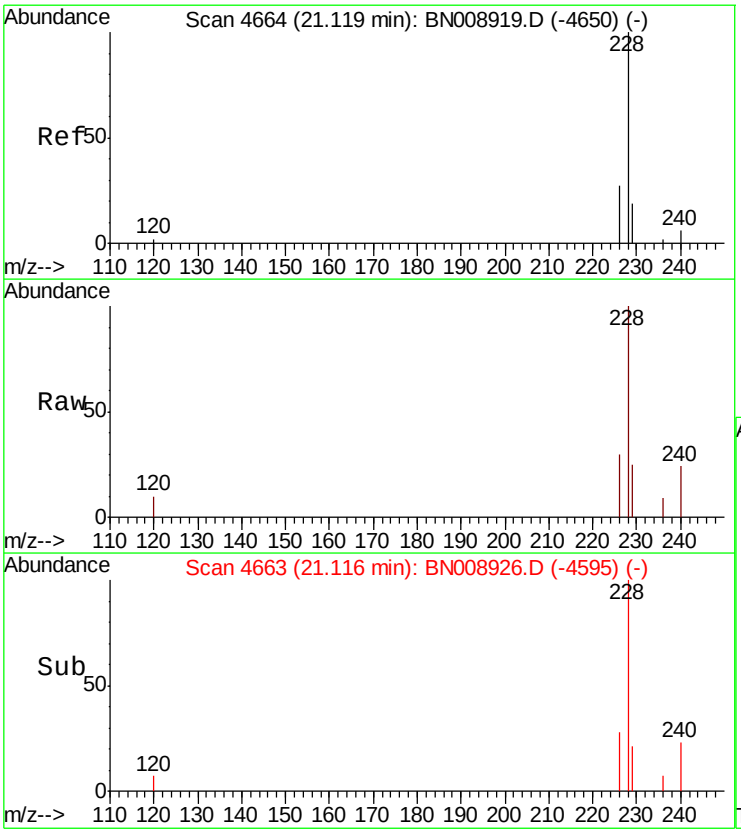
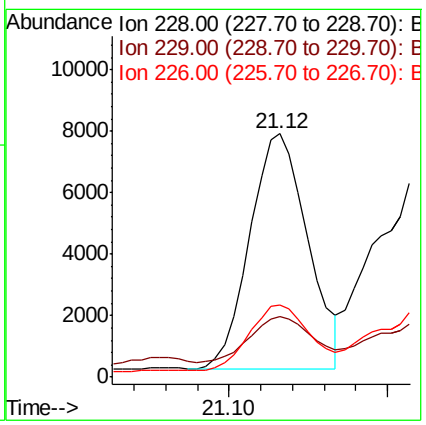


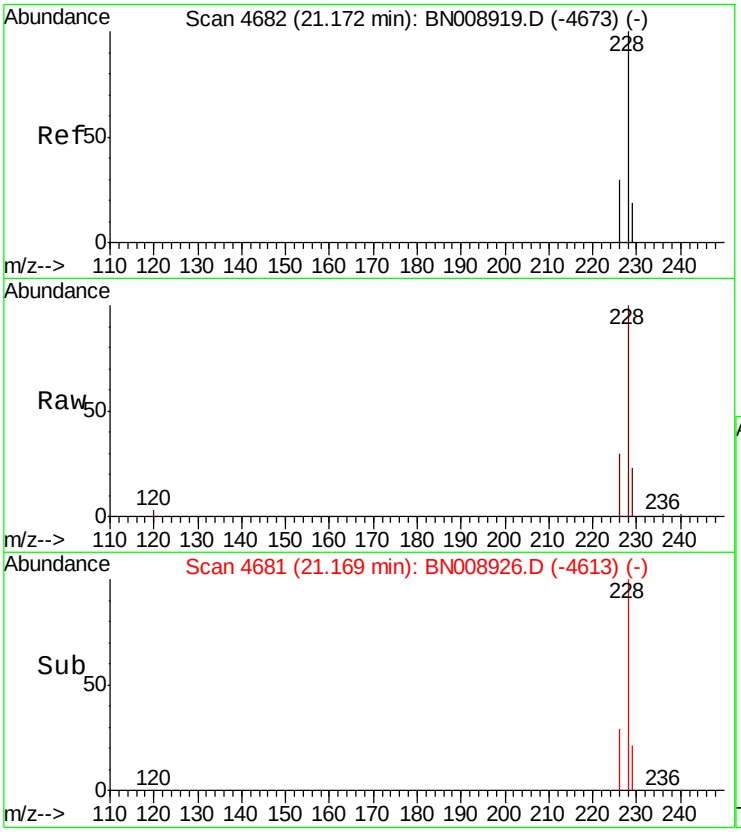


#18
Benzo(a)anthracene
Concen: 0.169 ng/ul m
RT: 21.12 min Scan# 4663
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:228 Resp: 9772

Ion	Ratio	Lower	Upper
228	100		
229	24.9	15.7	23.5#
226	29.6	21.5	32.3

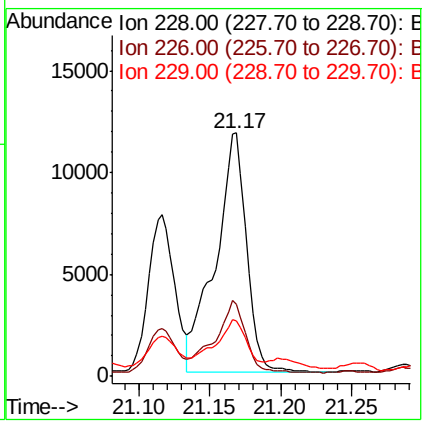




#19
Chrysene
Concen: 0.313 ng/ul
RT: 21.17 min Scan# 4681
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:228 Resp: 17823

Ion	Ratio	Lower	Upper
228	100		
226	29.5	23.8	35.6
229	23.0	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0BN8

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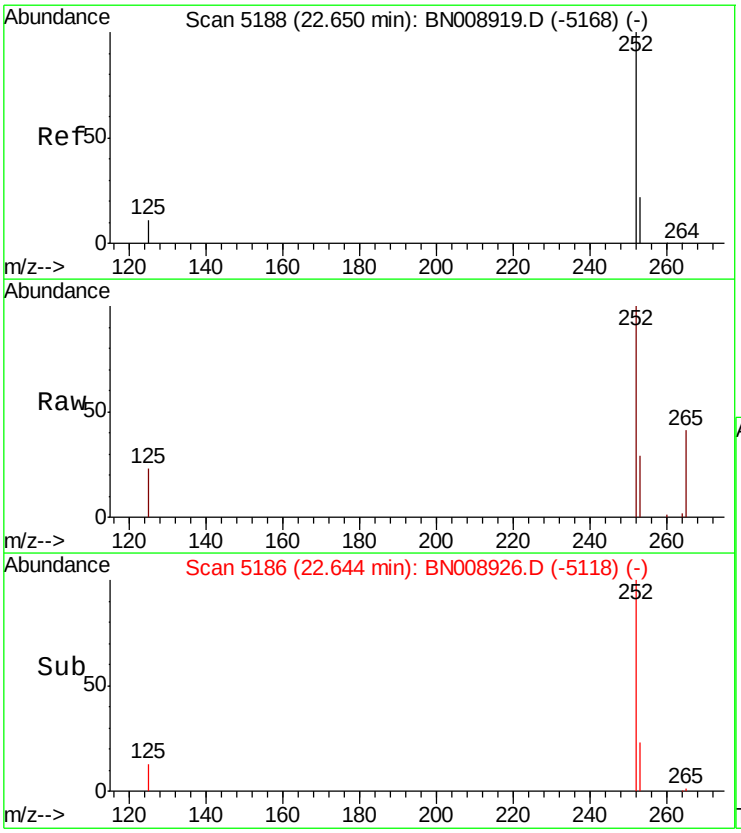
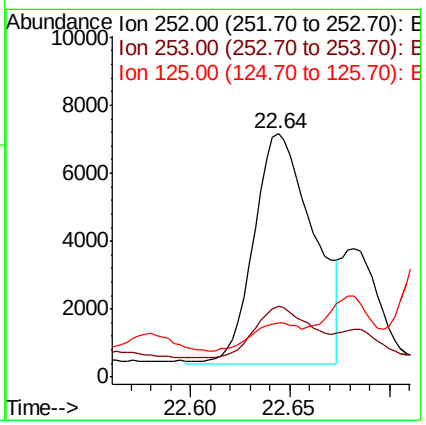
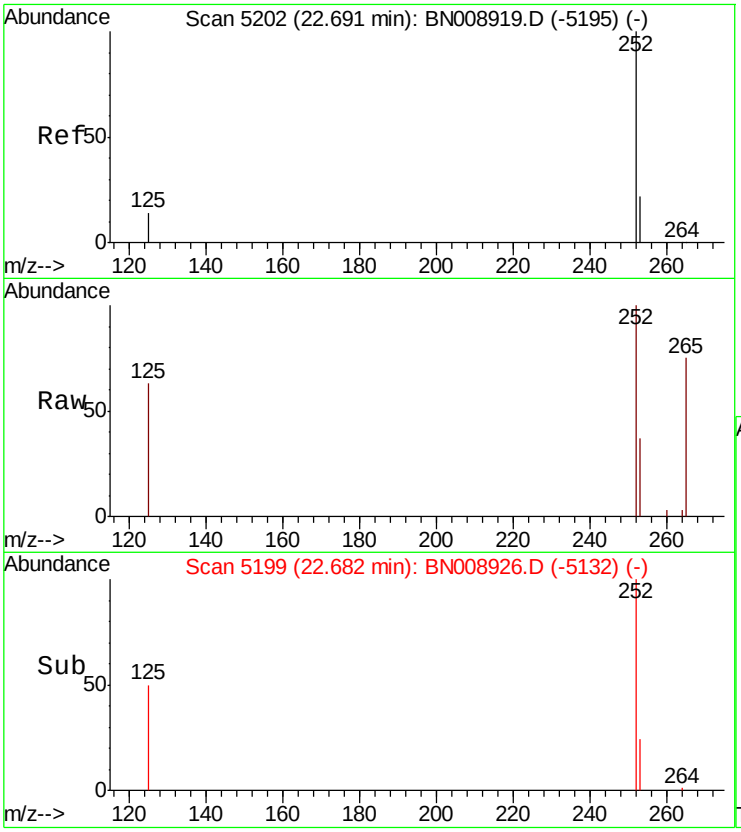


#21
Benzo(b)fluoranthene
Concen: 0.221 ng/ul m
RT: 22.64 min Scan# 5186
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:252 Resp: 14071

Ion	Ratio	Lower	Upper
252	100		
253	29.2	0.0	48.6
125	22.5	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 0.067 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. -0.01 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:252 Resp: 4215

Ion	Ratio	Lower	Upper
252	100		
253	36.9	19.6	29.4#
125	63.4	13.8	20.6#

Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
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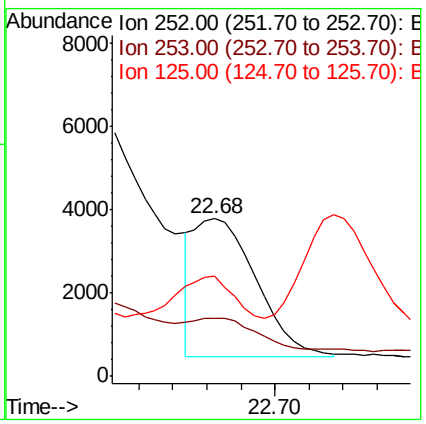
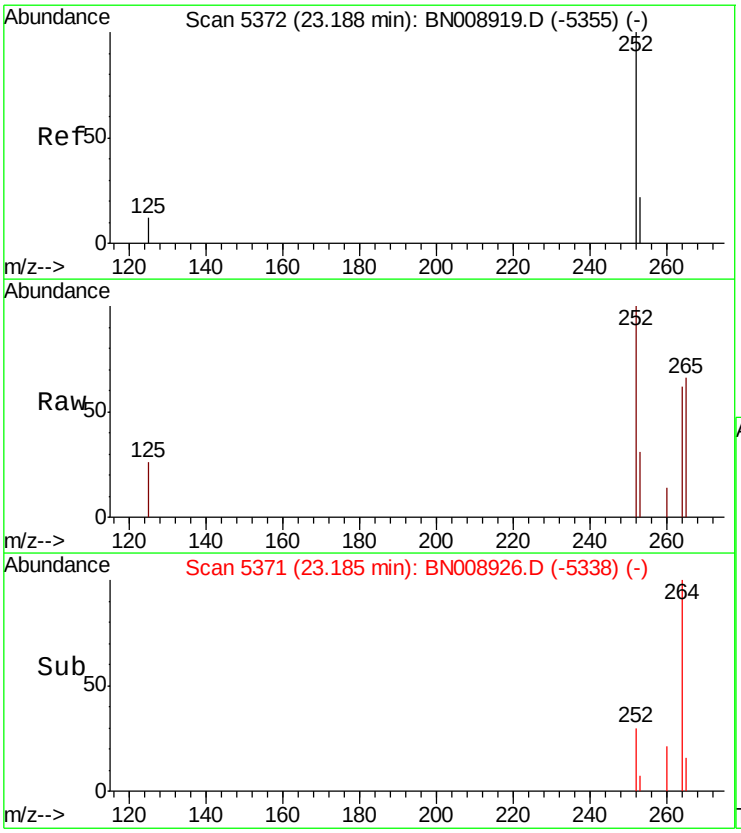
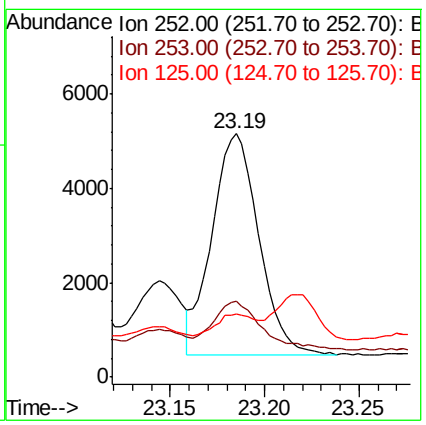


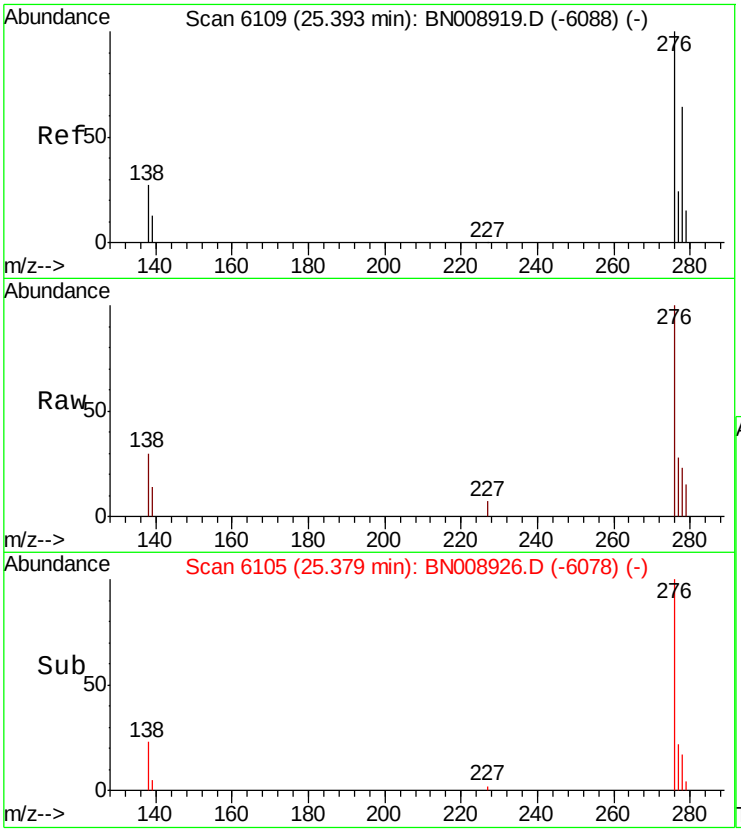


#23
Benzo(a)pyrene
Concen: 0.135 ng/ul
RT: 23.19 min Scan# 5371
Delta R.T. -0.00 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:252 Resp: 8063

Ion	Ratio	Lower	Upper
252	100		
253	31.4	19.9	29.9#
125	25.7	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.079 ng/ul
RT: 25.38 min Scan# 6105
Delta R.T. -0.01 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:276 Resp: 5517

Ion	Ratio	Lower	Upper
276	100		
138	28.5	23.8	35.6
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
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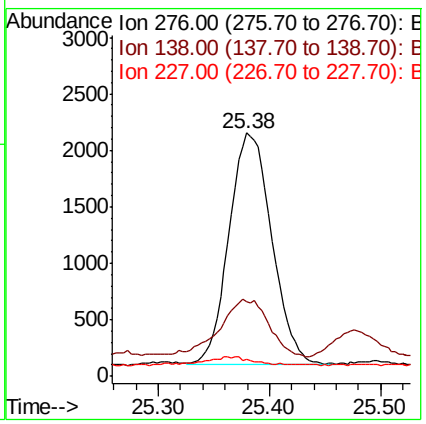
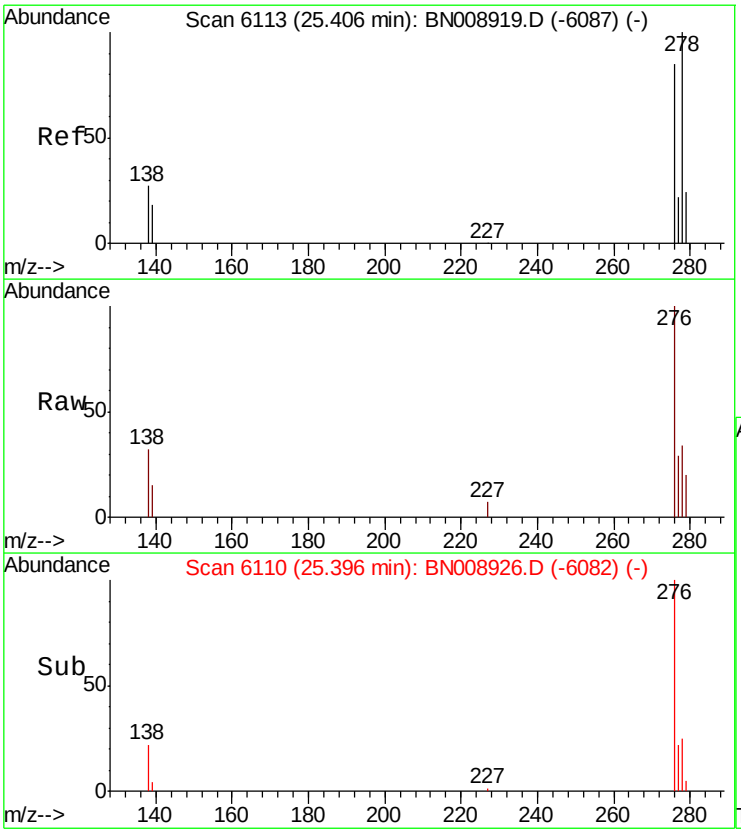
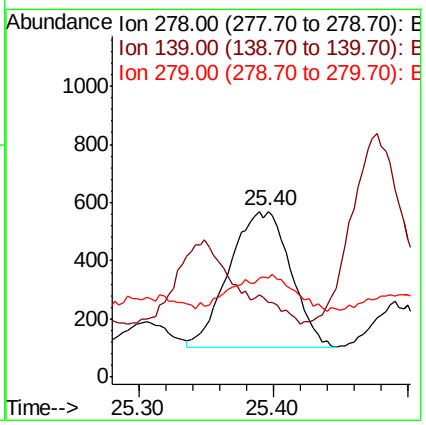


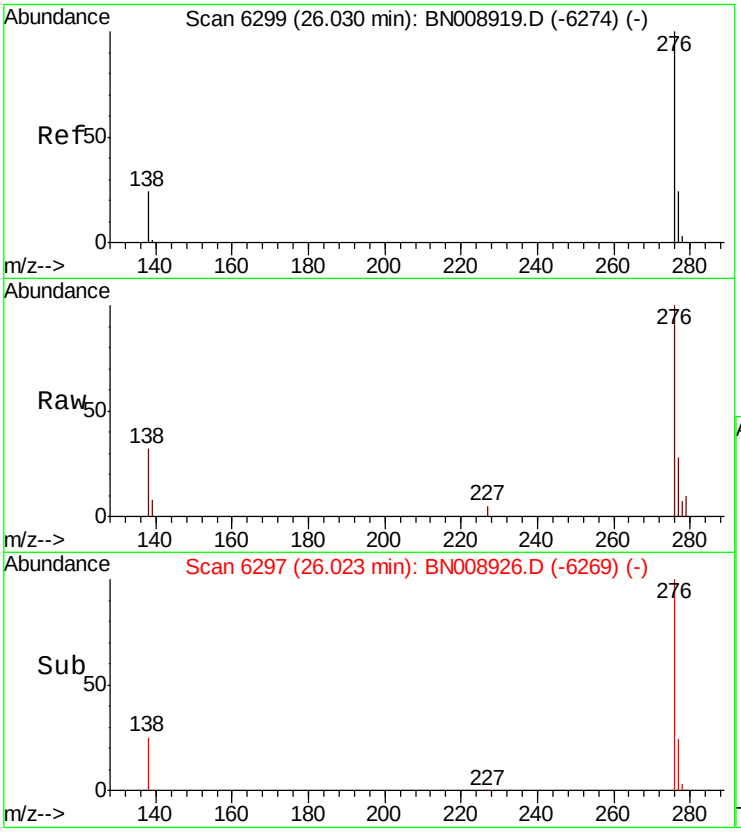


#25
Dibenzo(a,h)anthracene
Concen: 0.026 ng/ul
RT: 25.40 min Scan# 6110
Delta R.T. -0.01 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:278 Resp: 1480

Ion	Ratio	Lower	Upper
278	100		
139	45.1	17.4	26.0#
279	59.8	20.5	30.7#

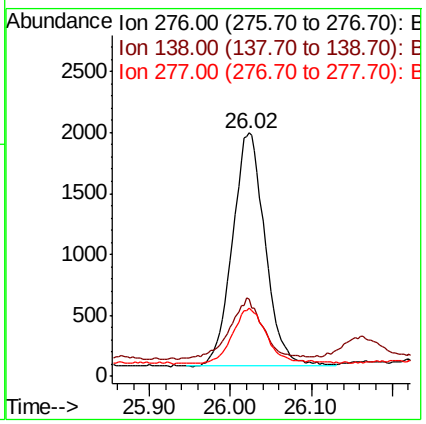




#26
Benzo(g,h,i)perylene
Concen: 0.092 ng/ul
RT: 26.02 min Scan# 6297
Delta R.T. -0.01 min
Lab File: BN008926.D
Acq: 11 Dec 2019 20:33

Tgt Ion:276 Resp: 5401

Ion	Ratio	Lower	Upper
276	100		
138	31.7	21.9	32.9
277	28.3	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0BN8

Manual Integrations APPROVED
mohammad
12/12/2019 11:31:50 AM