Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008256.D
Acq On : 18 Oct 2019 20:23
Operator : JU
Sample : K5175-16DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
mohammad
10/22/2019 1:40:58 AM

Quant Time: Oct 19 00:16:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2364	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	10927	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	6654	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	13719	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12895	0.40	ng/ul	0.00
20) Perylene-d12	23.36	264	11222	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	695	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	1919	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	664	0.021	ng/ul#	72
7) Acenaphthylene	13.95	152	1114	0.035	ng/ul#	84
8) Acenaphthene	14.29	153	952	0.039	ng/ul	96
9) Fluorene	15.28	166	1109	0.040	ng/ul#	95
12) Phenanthrene	17.02	178	23961	0.597	ng/ul	99
13) Anthracene	17.11	178	5157	0.146	ng/ul	97
15) Fluoranthene	19.04	202	41234	0.777	ng/ul	96
17) Pyrene	19.41	202	43028	0.838	ng/ul	100
18) Benzo(a)anthracene	21.17	228	22763	0.486	ng/ul	97
19) Chrysene	21.22	228	22406	0.389	ng/ul	98
21) Benzo(b)fluoranthene	22.72	252	22322m	0.611	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	7948m	0.192	ng/ul	
23) Benzo(a)pyrene	23.26	252	16840	0.438	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.52	276	8742	0.193	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.52	278	2008	0.056	ng/ul#	61
26) Benzo(g,h,i)perylene	26.17	276	7177	0.173	ng/ul#	94

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101819\
Data File : BN008256.D
Acq On : 18 Oct 2019 20:23
Operator : JU
Sample : K5175-16DL 10X
Misc :
ALS Vial : 13 Sample Multiplier: 1

Quant Time: Oct 19 00:16:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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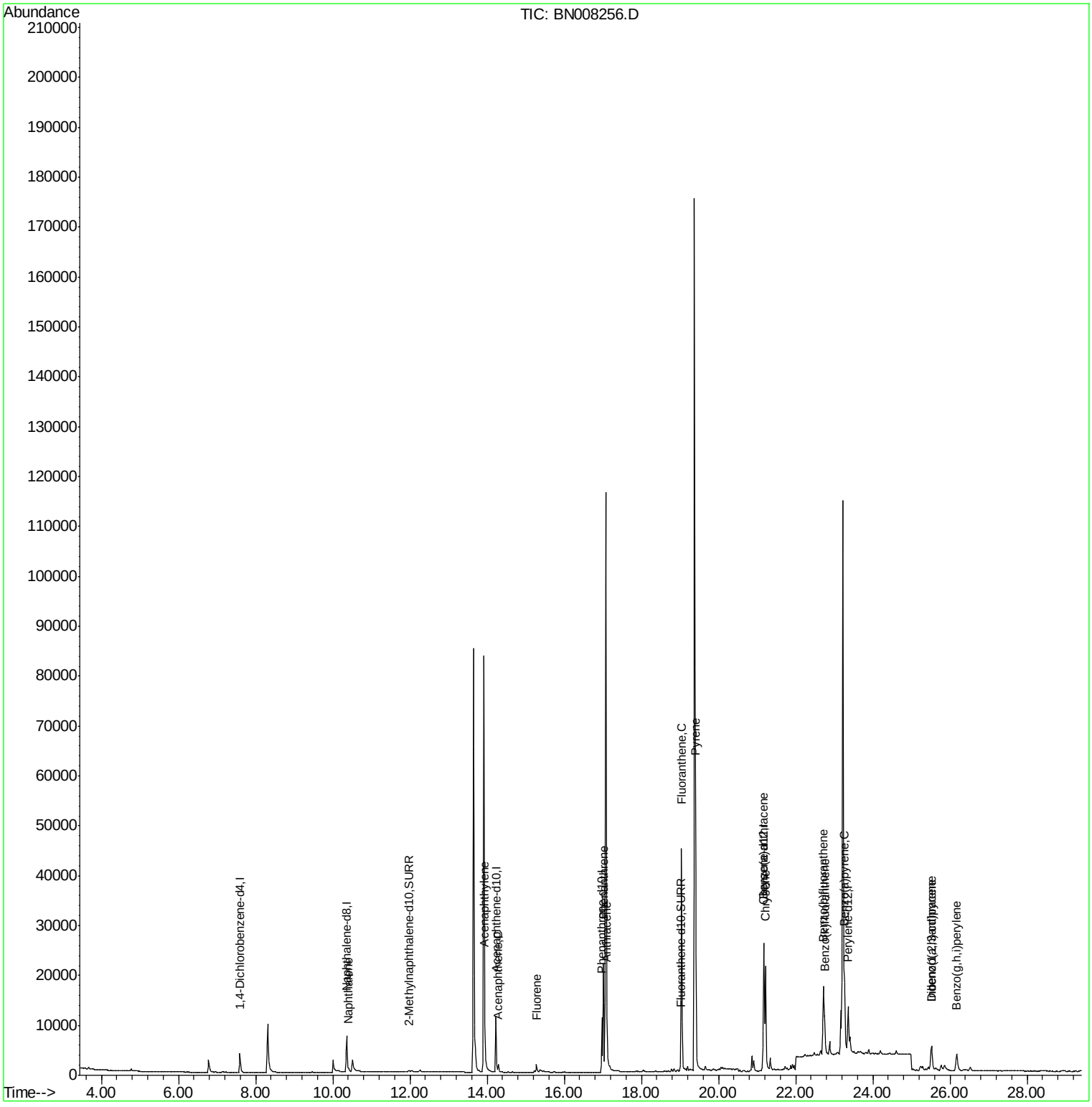

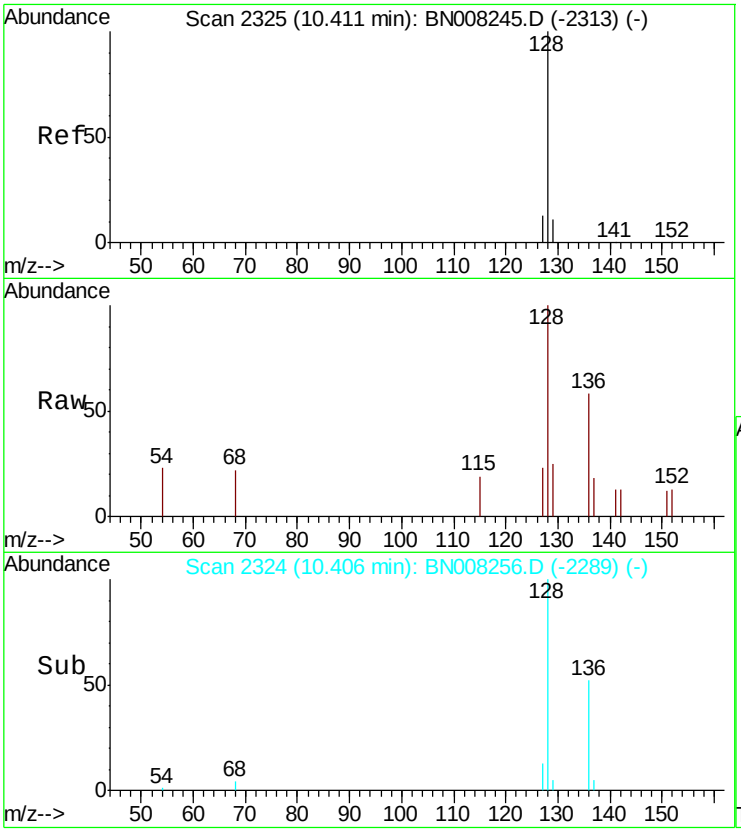

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:128 Resp: 664

Ion	Ratio	Lower	Upper
128	100		
129	25.5	9.8	14.8#
127	22.9	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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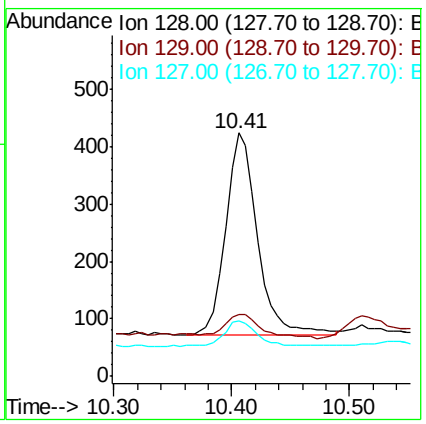
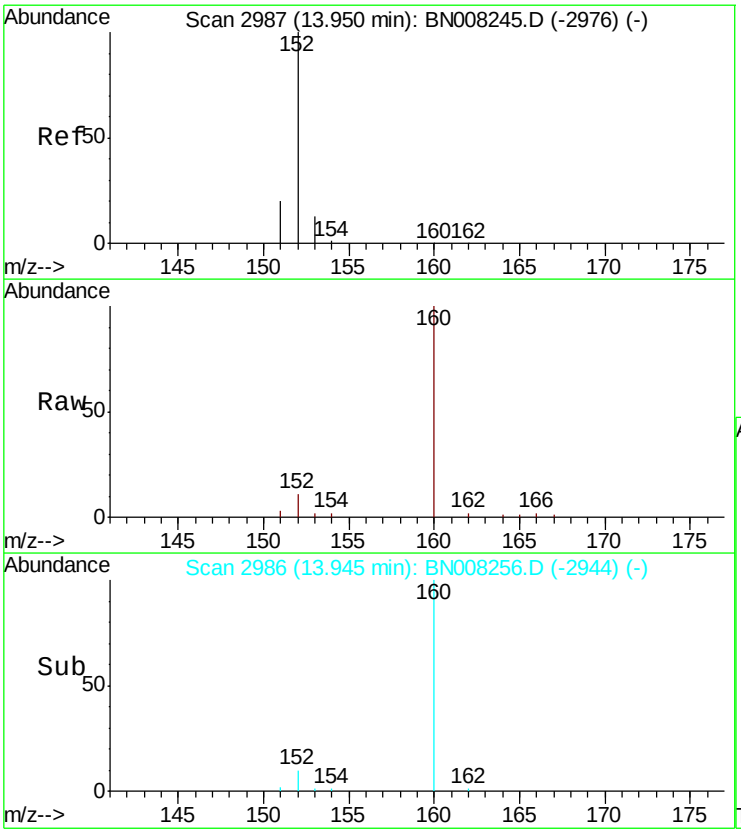
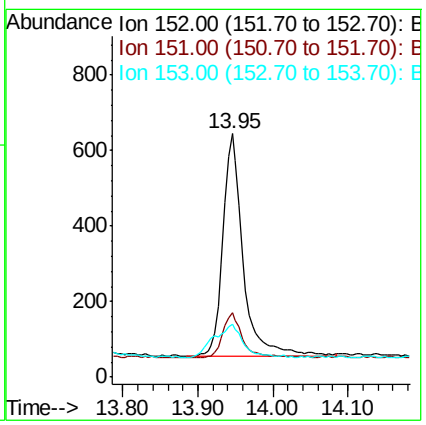


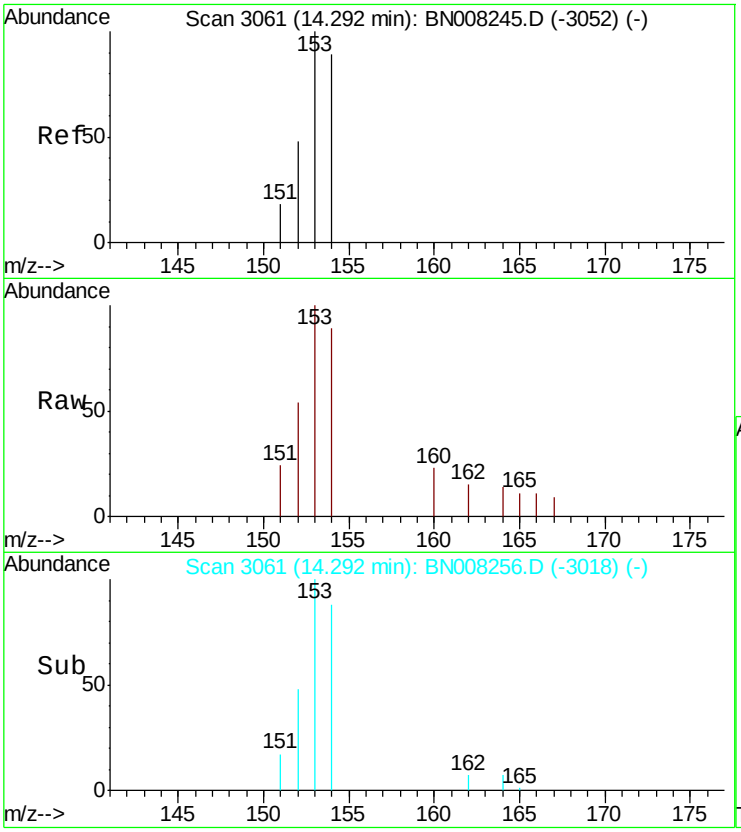


#7
Acenaphthylene
Concen: 0.035 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:152 Resp: 1114

Ion	Ratio	Lower	Upper
152	100		
151	26.4	16.2	24.4#
153	21.9	11.0	16.4#

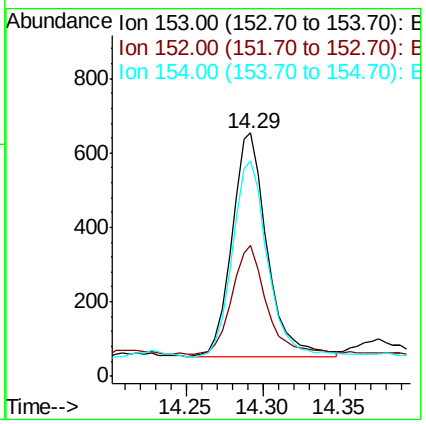




#8
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. 0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:153 Resp: 952

Ion	Ratio	Lower	Upper
153	100		
152	53.8	38.2	57.2
154	88.7	71.8	107.8



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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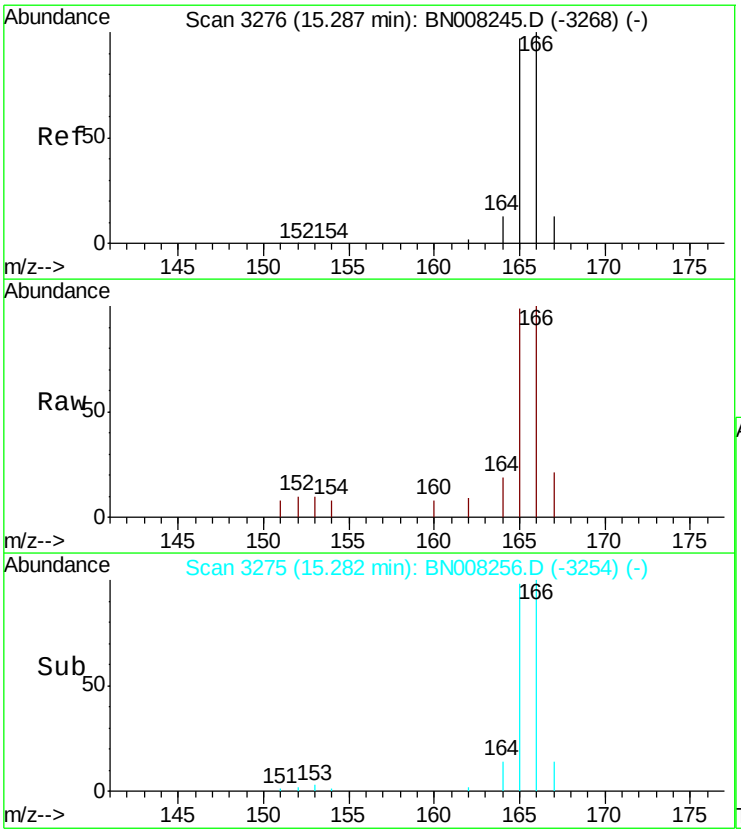
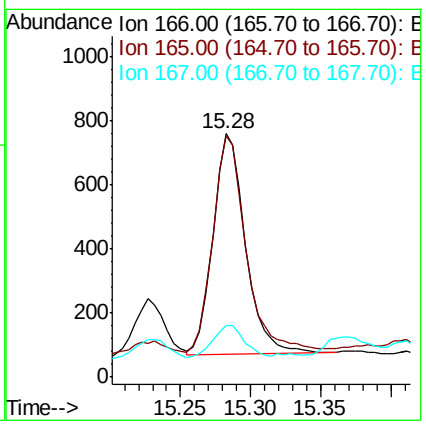
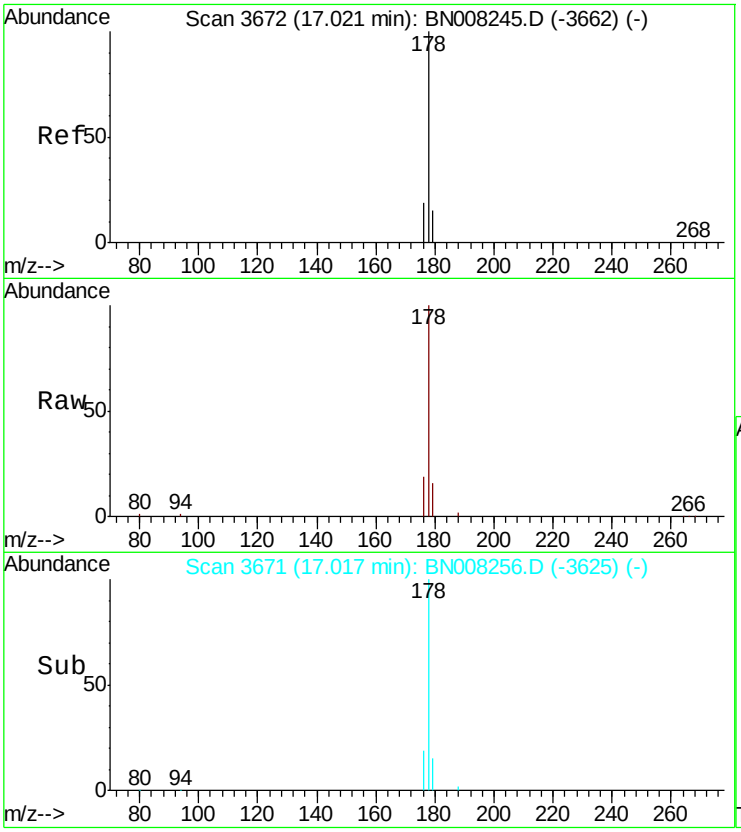


#9
Fluorene
Concen: 0.040 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:166 Resp: 1109

Ion	Ratio	Lower	Upper
166	100		
165	99.2	76.6	115.0
167	21.3	11.7	17.5#

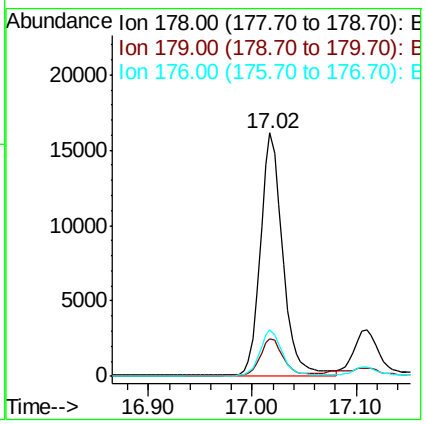




#12
Phenanthrene
Concen: 0.597 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:178 Resp: 23961

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	19.0	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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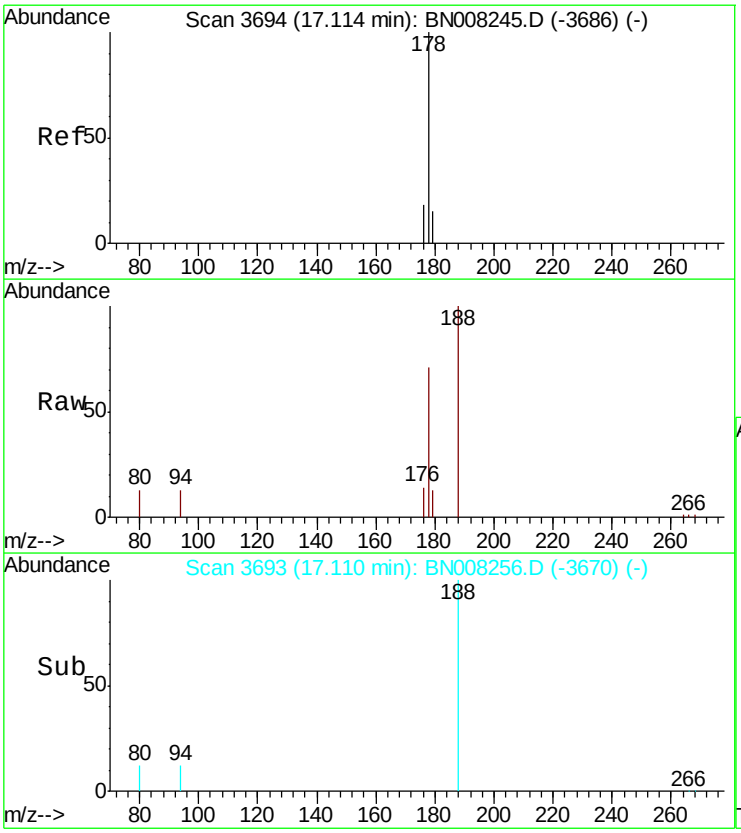
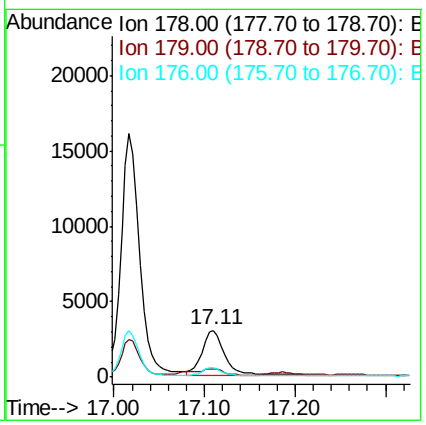
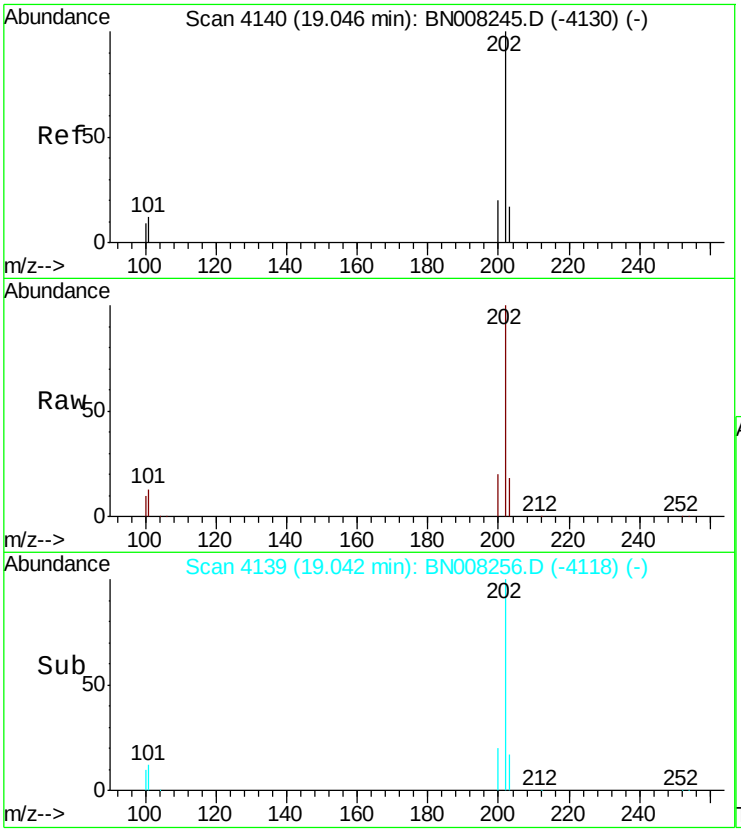


#13
Anthracene
Concen: 0.146 ng/ul
RT: 17.11 min Scan# 3693
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:178 Resp: 5157

Ion	Ratio	Lower	Upper
178	100		
179	18.3	13.0	19.6
176	19.6	15.0	22.6

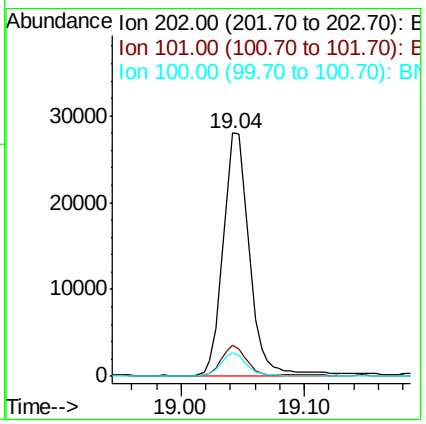




#15
Fluoranthene
Concen: 0.777 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:202 Resp: 41234

Ion	Ratio	Lower	Upper
202	100		
101	12.7	0.0	31.2
100	9.8	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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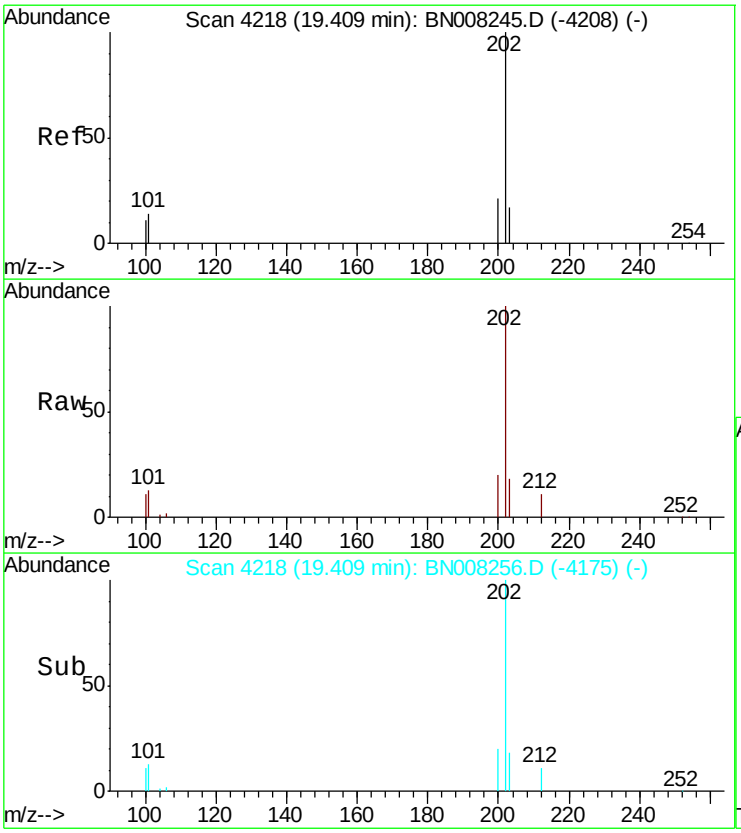
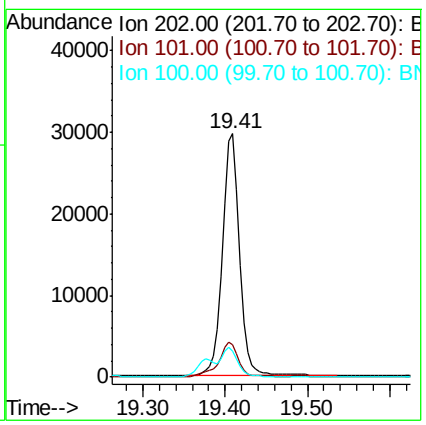
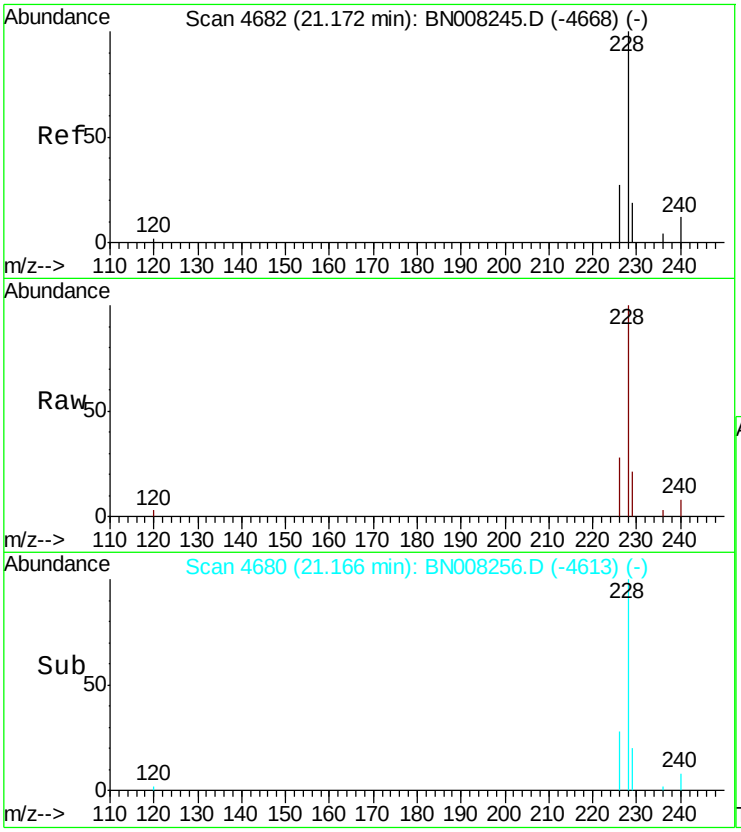


#17
Pyrene
Concen: 0.838 ng/ul
RT: 19.41 min Scan# 4218
Delta R.T. 0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:202 Resp: 43028

Ion	Ratio	Lower	Upper
202	100		
101	13.5	10.9	16.3
100	10.9	8.7	13.1

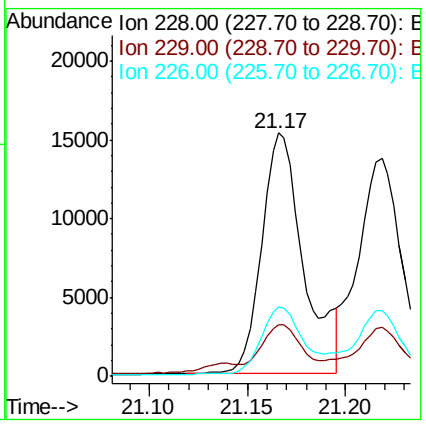




#18
Benzo(a)anthracene
Concen: 0.486 ng/ul
RT: 21.17 min Scan# 4680
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:228 Resp: 22763

Ion	Ratio	Lower	Upper
228	100		
229	21.5	16.2	24.2
226	28.4	21.4	32.0



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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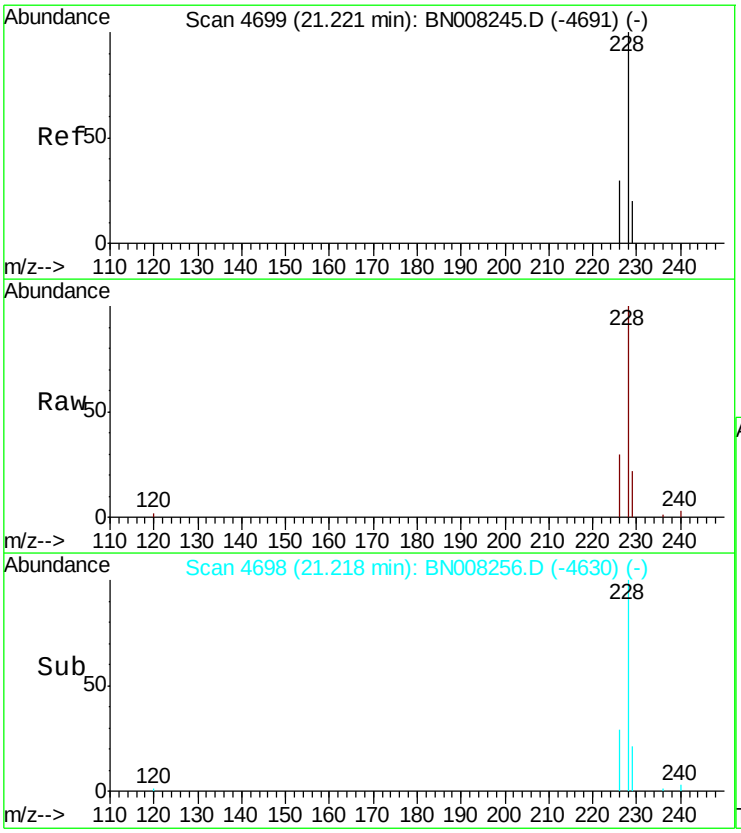
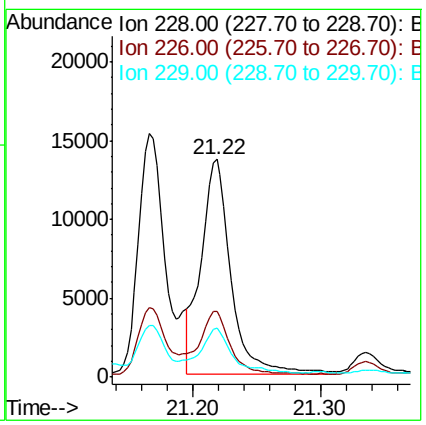
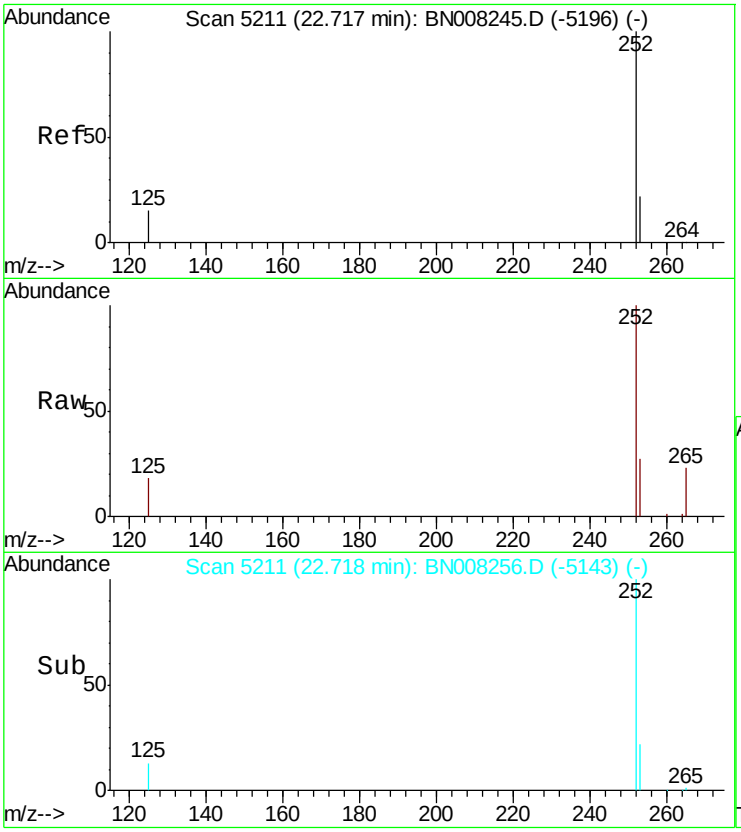


#19
Chrysene
Concen: 0.389 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. -0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:228 Resp: 22406

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.2	16.2	24.2





#21
Benzo(b)fluoranthene
Concen: 0.611 ng/ul m
RT: 22.72 min Scan# 5211
Delta R.T. 0.00 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:252 Resp: 22322

Ion	Ratio	Lower	Upper
252	100		
253	26.6	0.0	53.4
125	18.4	0.0	32.4

Instrument :
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ClientSampleId :
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Manual Integrations APPROVED
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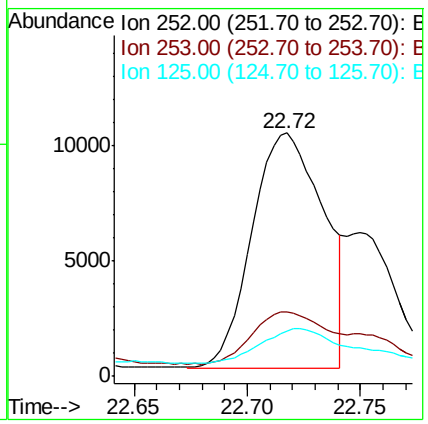
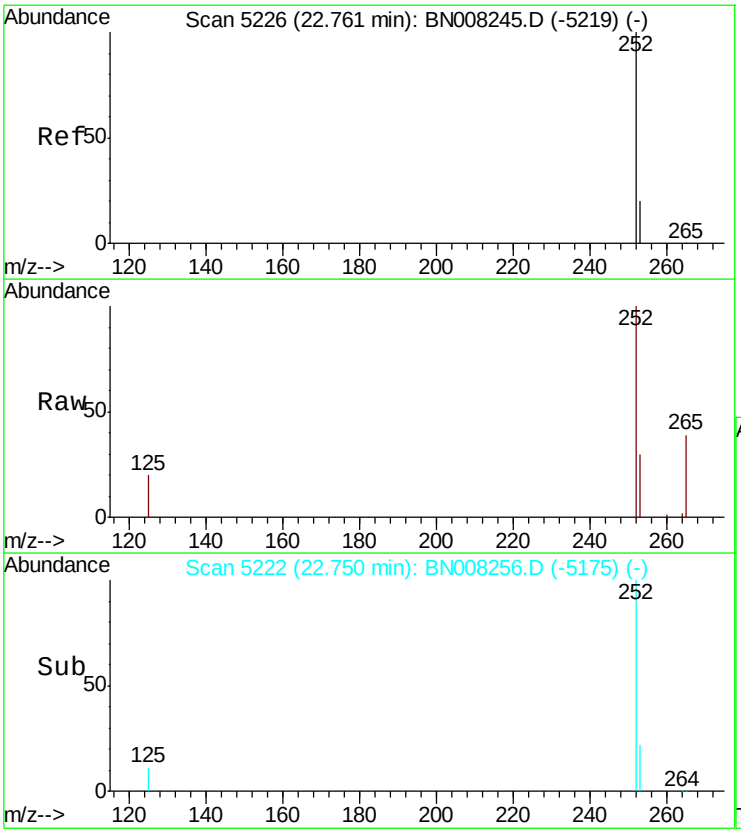
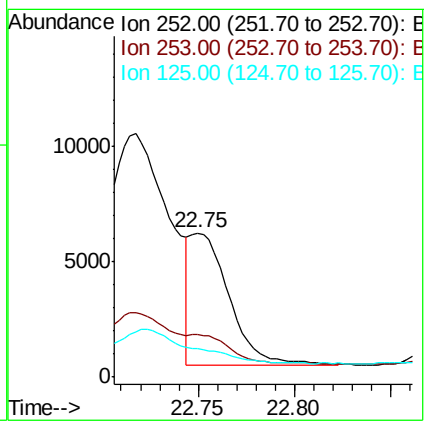


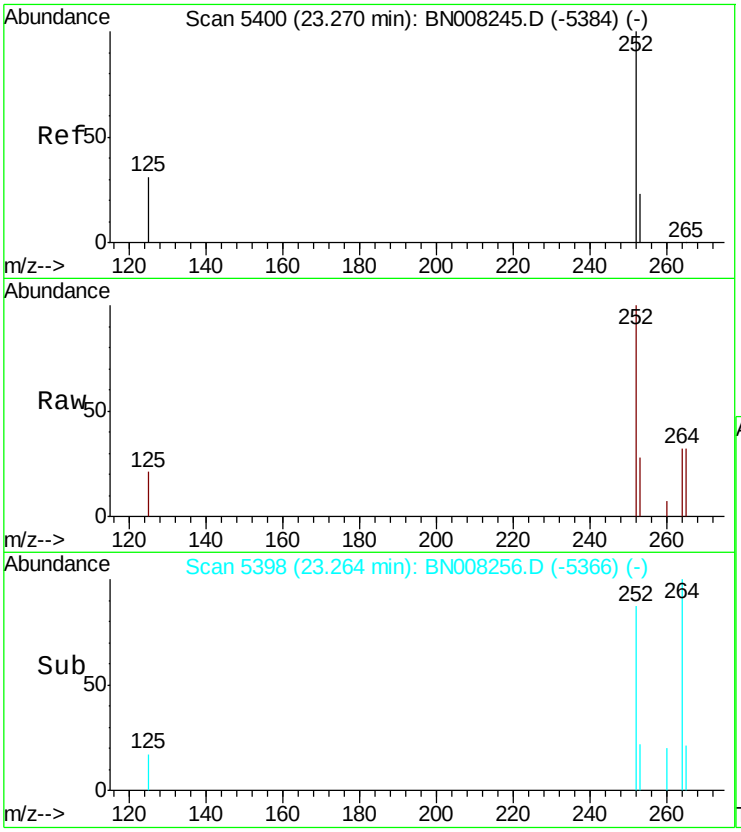


#22
Benzo(k)fluoranthene
Concen: 0.192 ng/ul m
RT: 22.75 min Scan# 5222
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:252 Resp: 7948

Ion	Ratio	Lower	Upper
252	100		
253	29.9	21.3	31.9
125	19.8	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 0.438 ng/ul
RT: 23.26 min Scan# 5398
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:252 Resp: 16840

Ion	Ratio	Lower	Upper
252	100		
253	27.5	22.8	34.2
125	21.1	18.4	27.6

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
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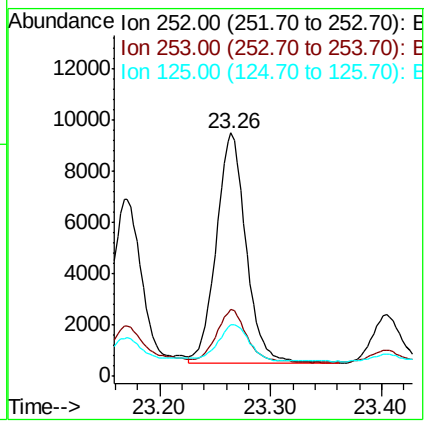
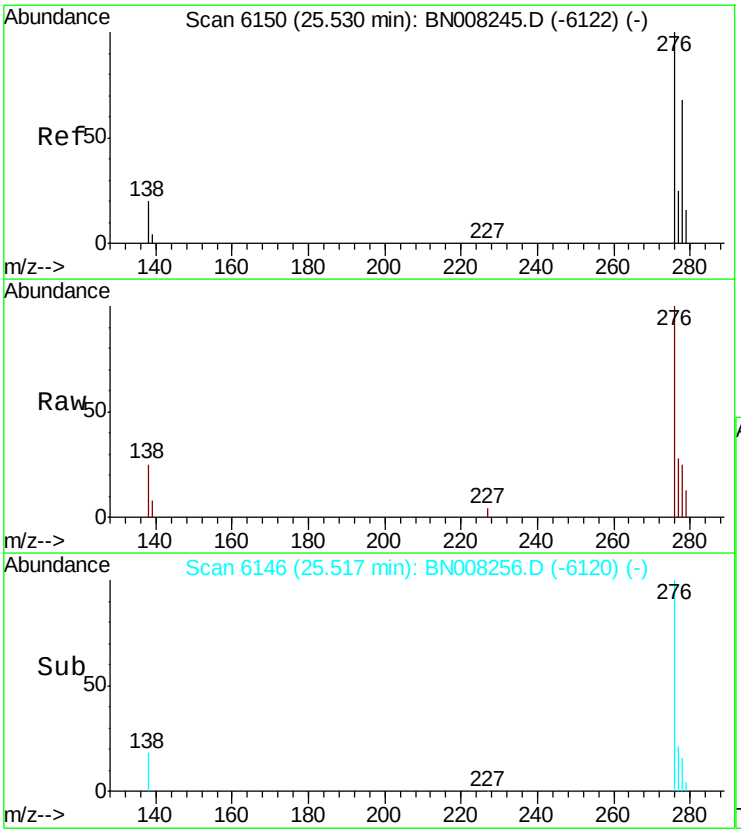
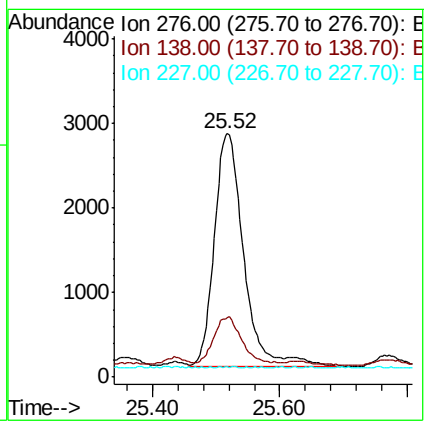


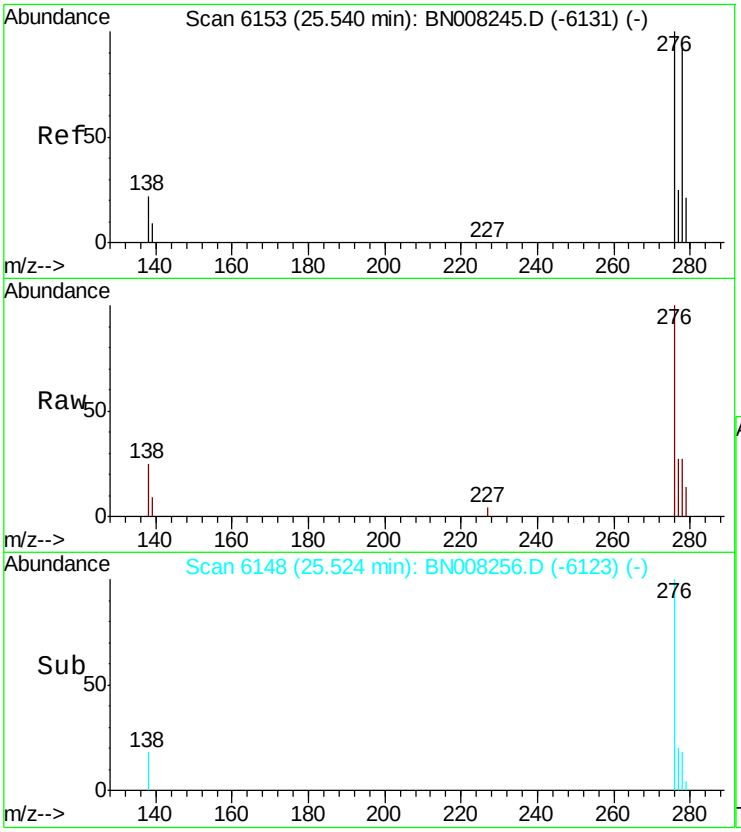


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.193 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:276 Resp: 8742

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.1	24.1
227	0.0	0.2	0.2#





#25
Dibenzo(a,h)anthracene
Concen: 0.056 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.02 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:278 Resp: 2008

Ion	Ratio	Lower	Upper
278	100		
139	32.3	15.0	22.6#
279	51.7	22.4	33.6#

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
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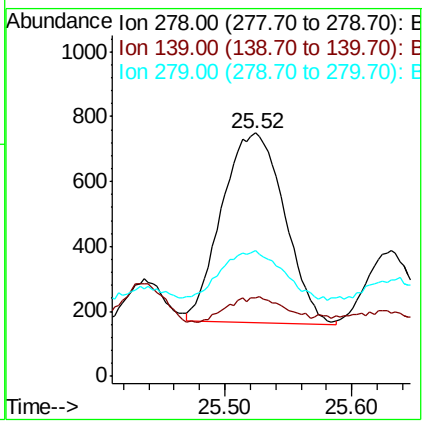

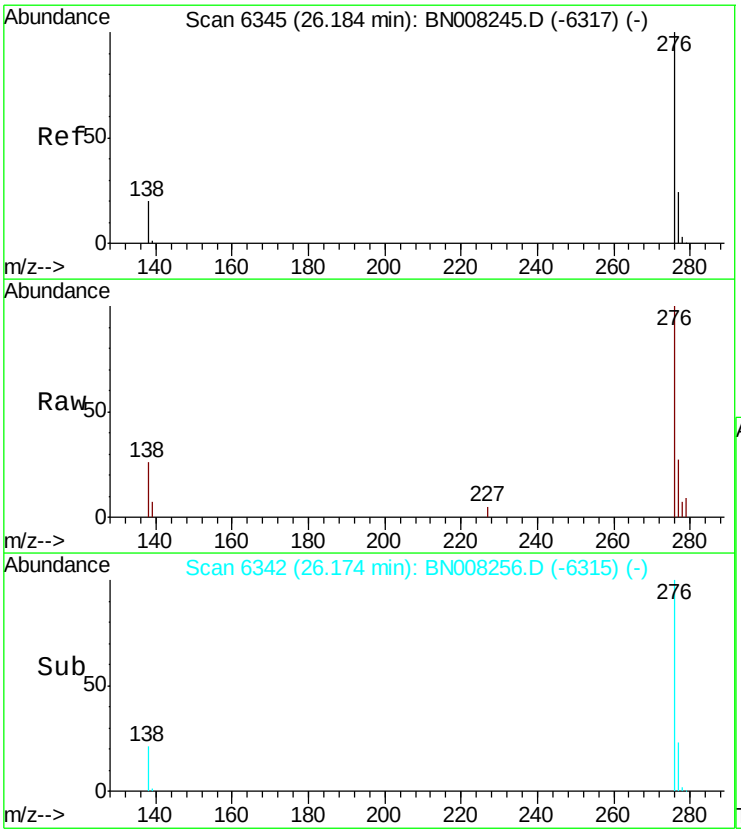

#26
Benzo(g,h,i)perylene
Concen: 0.173 ng/ul
RT: 26.17 min Scan# 6342
Delta R.T. -0.01 min
Lab File: BN008256.D
Acq: 18 Oct 2019 20:23

Tgt Ion:276 Resp: 7177

Ion	Ratio	Lower	Upper
276	100		
138	25.7	17.0	25.4#
277	27.1	20.4	30.6