Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008825.D
Acq On : 03 Dec 2019 11:08
Operator : JU
Sample : K5851-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 03 11:43:44 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 : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4886	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	20368	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	11537	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	24021	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	18612	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	17240	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	1706	0.05	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	4260	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1267	0.021	ng/ul#	83
7) Acenaphthylene	13.93	152	52029	0.816	ng/ul	100
9) Fluorene	15.27	166	2081	0.037	ng/ul#	90
12) Phenanthrene	17.00	178	35055	0.433	ng/ul	100
13) Anthracene	17.09	178	32170	0.420	ng/ul	100
15) Fluoranthene	19.02	202	243184	2.443	ng/ul	98
17) Pyrene	19.39	202	229484	3.073	ng/ul	98
18) Benzo(a)anthracene	21.15	228	237233	3.170	ng/ul	93
19) Chrysene	21.20	228	198134	2.695	ng/ul	98
21) Benzo(b)fluoranthene	22.68	252	276174m	3.885	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	92936m	1.318	ng/ul	
23) Benzo(a)pyrene	23.23	252	177453m	2.659	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.45	276	93035	1.192	ng/ul	92
25) Dibenzo(a,h)anthracene	25.45	278	27657	0.439	ng/ul#	89
26) Benzo(g,h,i)perylene	26.09	276	78087	1.196	ng/ul	99

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008825.D
Acq On : 03 Dec 2019 11:08
Operator : JU
Sample : K5851-06DL 5X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 03 11:43:44 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 : Tue Dec 03 11:01:18 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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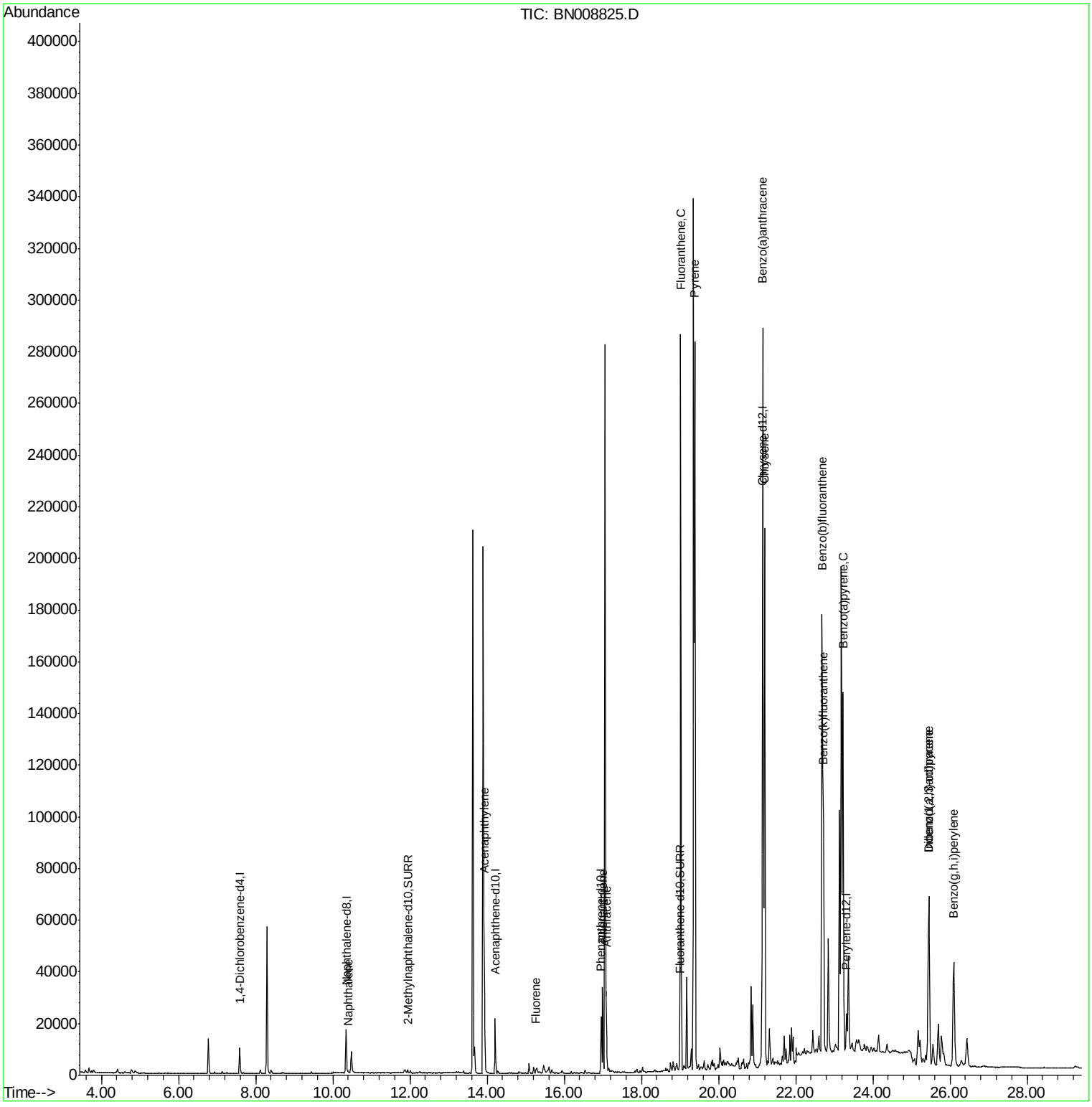

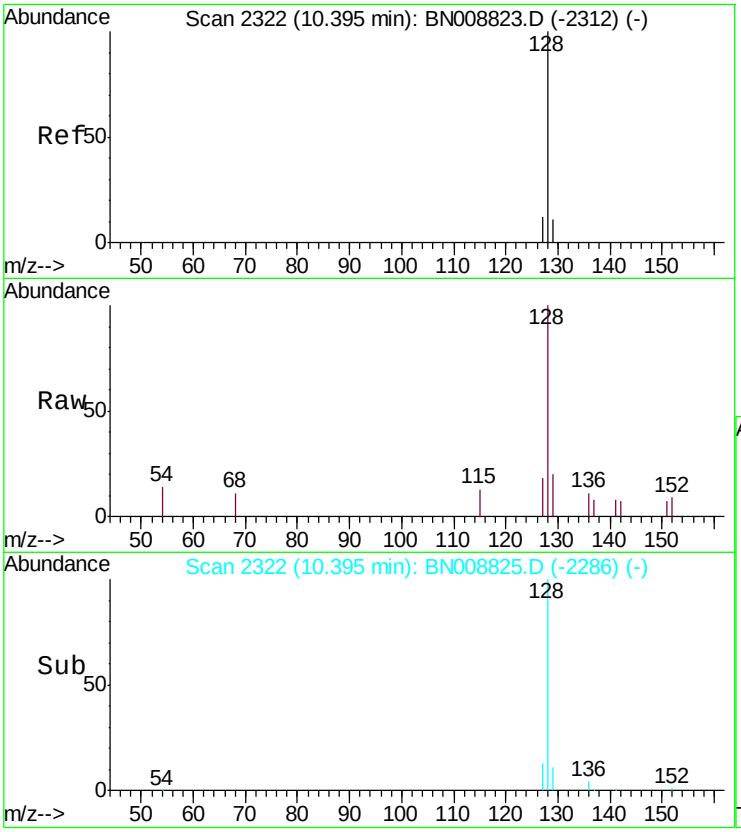

#3
Naphthalene
Concen: 0.021 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:128 Resp: 1267

Ion	Ratio	Lower	Upper
128	100		
129	20.0	9.1	13.7#
127	18.4	10.7	16.1#

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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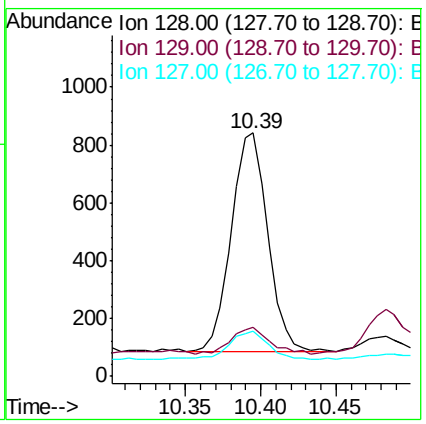
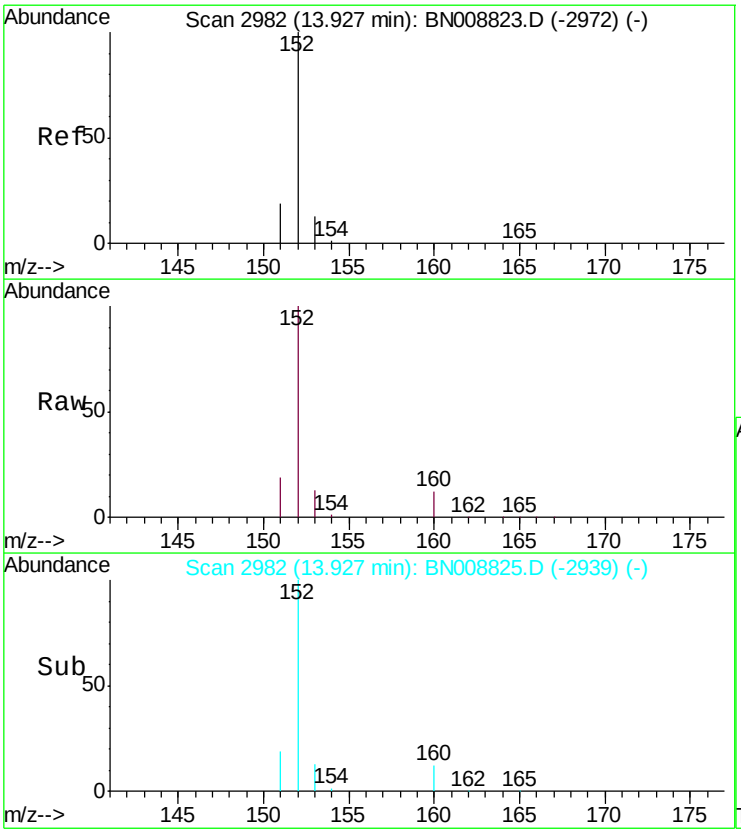
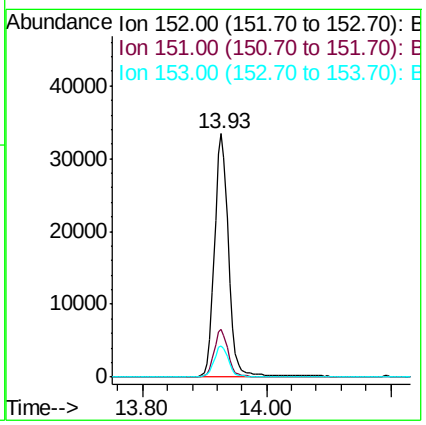


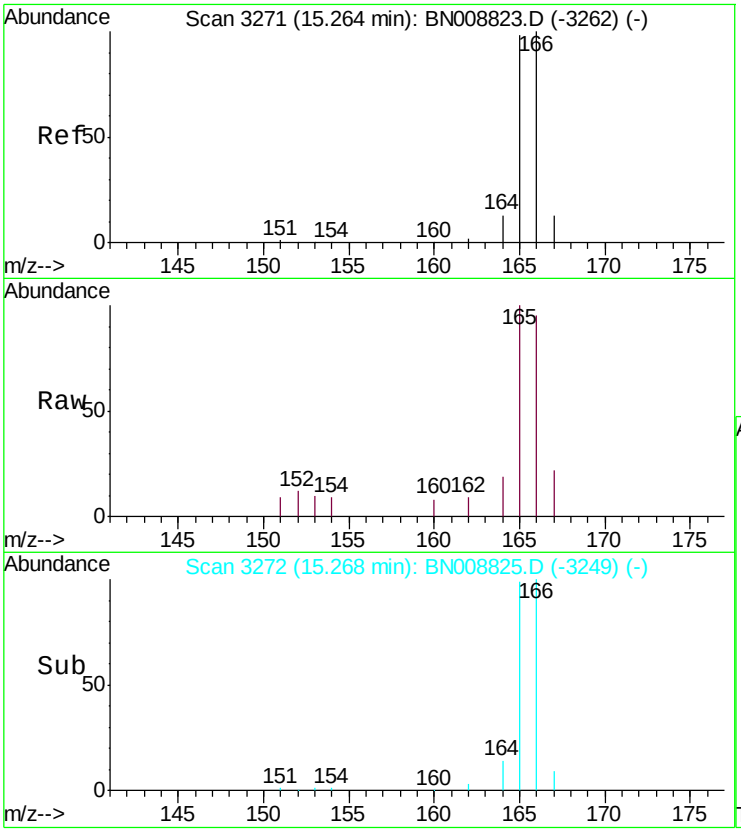


#7
Acenaphthylene
Concen: 0.816 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:152 Resp: 52029

Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.6
153	13.0	10.6	15.8

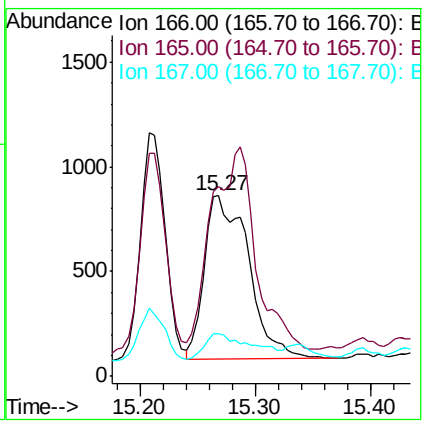




#9
Fluorene
Concen: 0.037 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:166 Resp: 2081

Ion	Ratio	Lower	Upper
166	100		
165	105.0	77.7	116.5
167	23.5	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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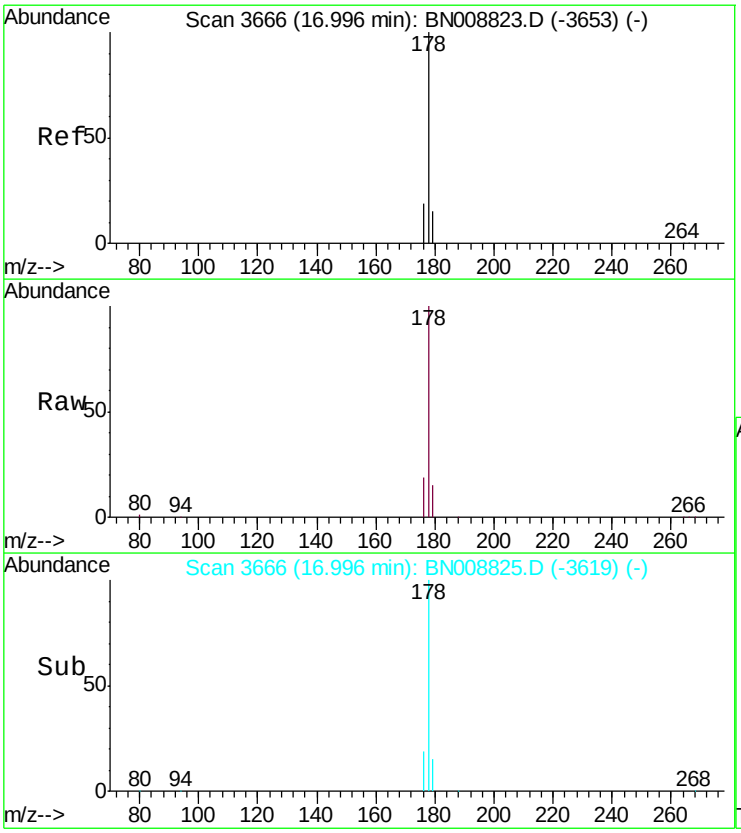
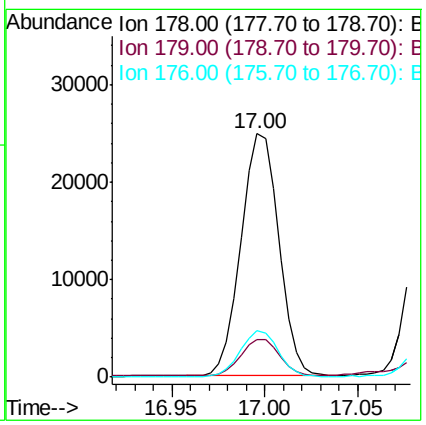
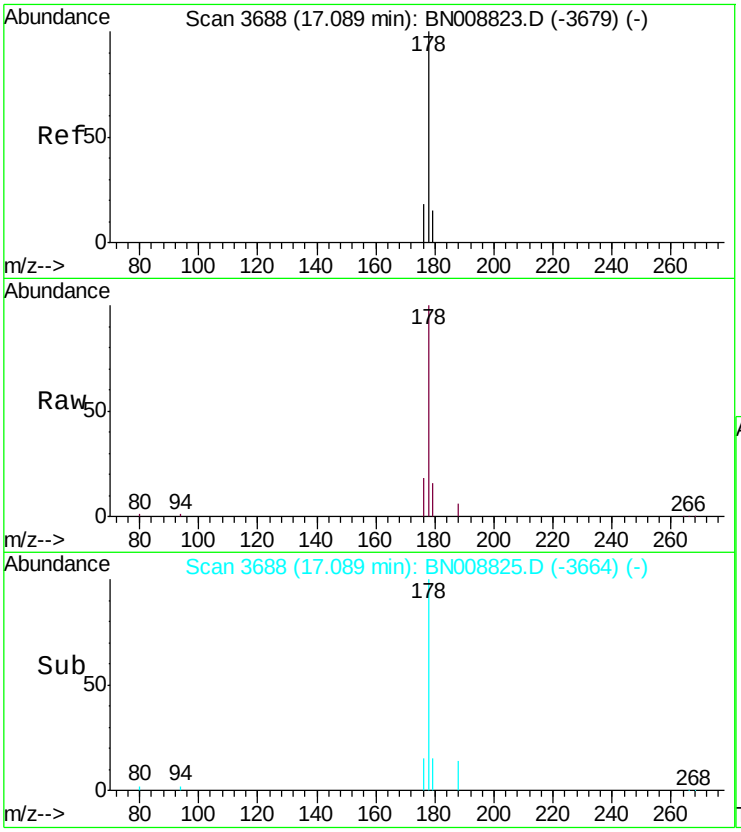


#12
Phenanthrene
Concen: 0.433 ng/ul
RT: 17.00 min Scan# 3666
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:178 Resp: 35055

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.6	18.8
176	19.0	15.3	22.9

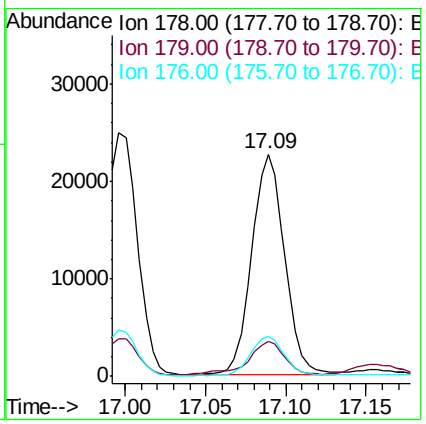




#13
Anthracene
Concen: 0.420 ng/ul
RT: 17.09 min Scan# 3688
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:178 Resp: 32170

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.2	18.4
176	18.3	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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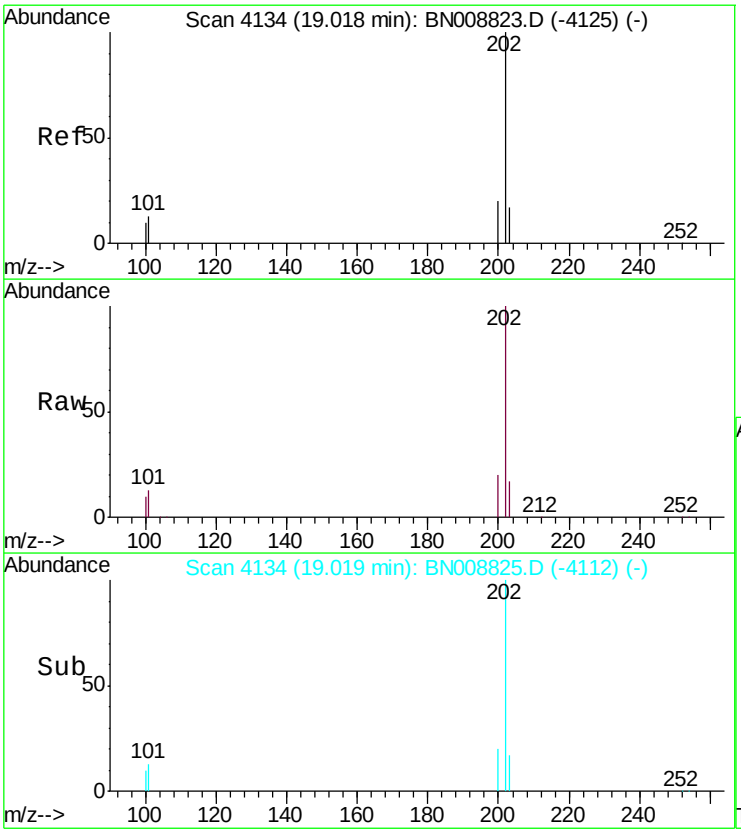
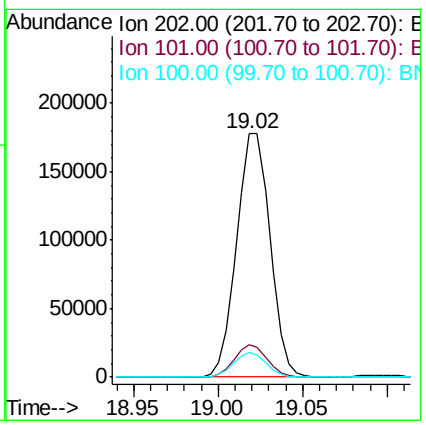
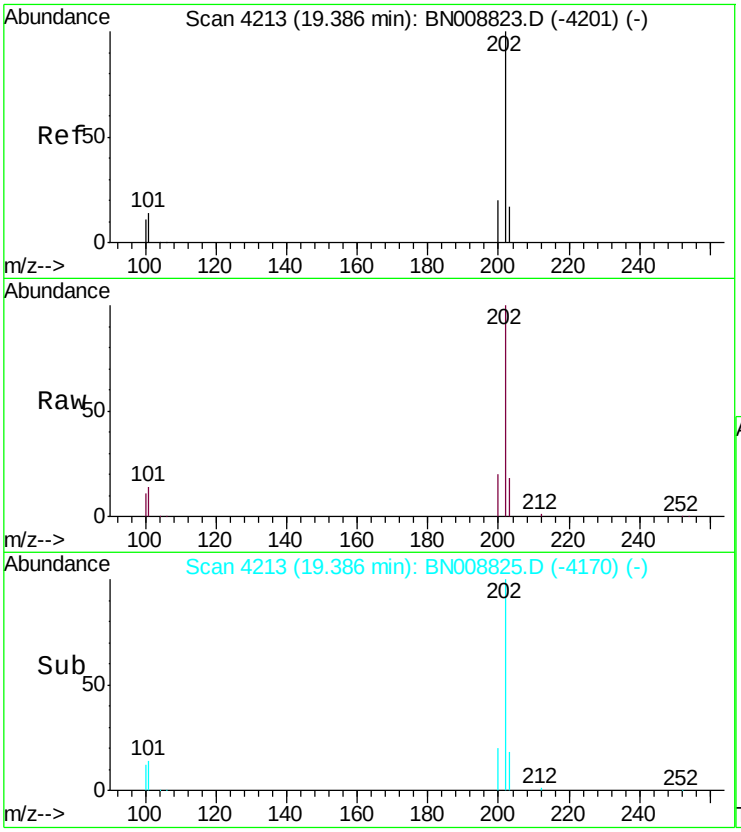


#15
Fluoranthene
Concen: 2.443 ng/ul
RT: 19.02 min Scan# 4134
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:202 Resp: 243184

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	32.4
100	10.0	0.0	29.2





#17
Pyrene
Concen: 3.073 ng/ul
RT: 19.39 min Scan# 4213
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:202 Resp: 229484

Ion	Ratio	Lower	Upper
202	100		
101	14.3	12.2	18.4
100	11.4	9.5	14.3

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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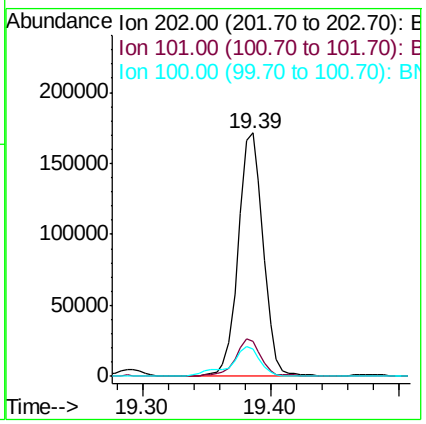
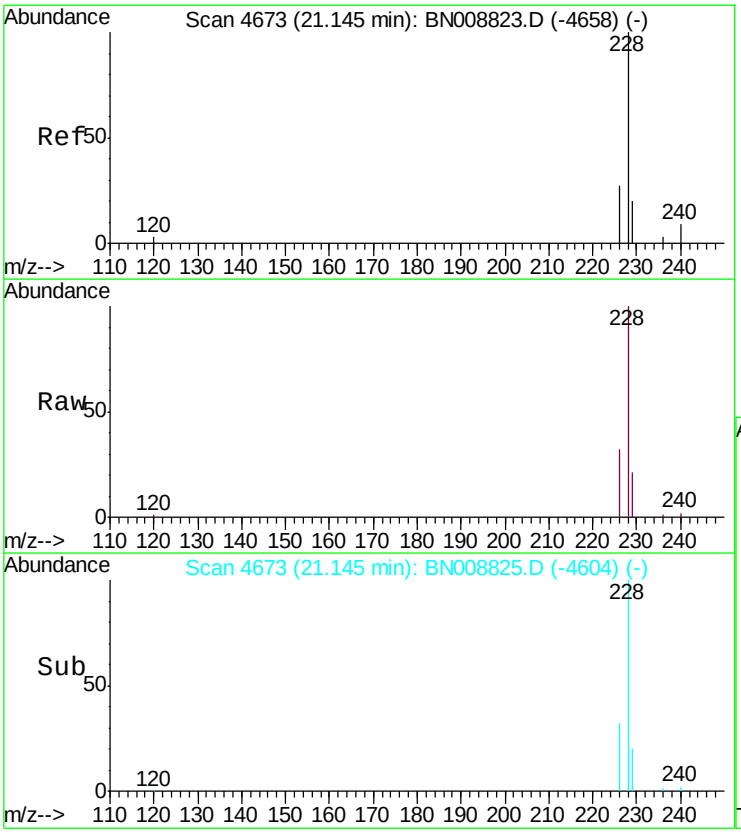
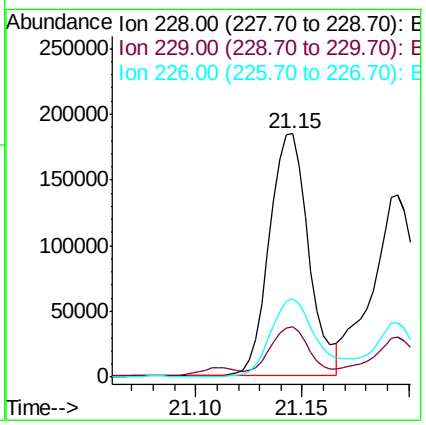


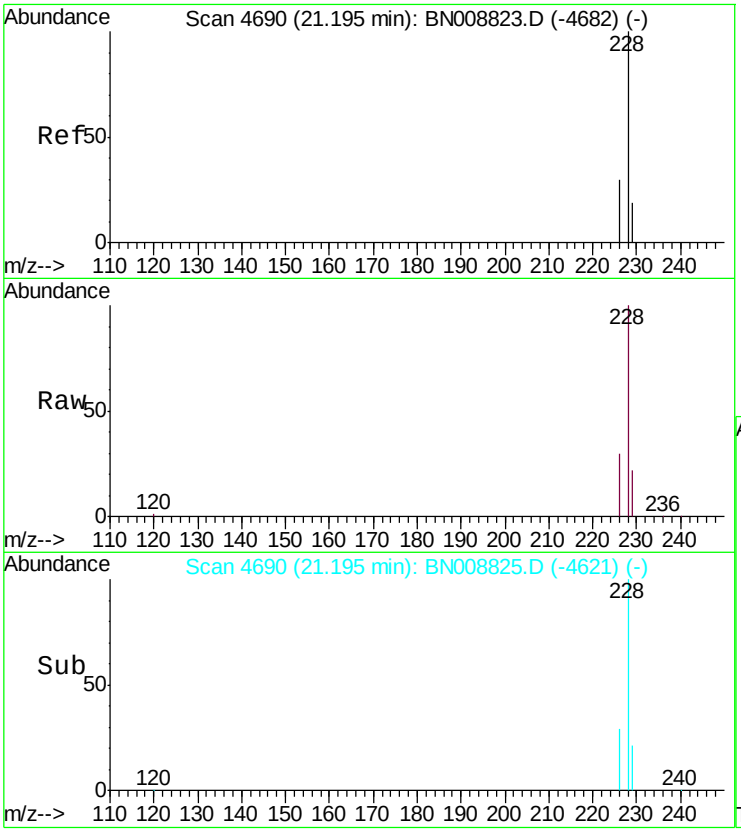


#18
Benzo(a)anthracene
Concen: 3.170 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:228 Resp: 237233

Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	32.3	21.5	32.3

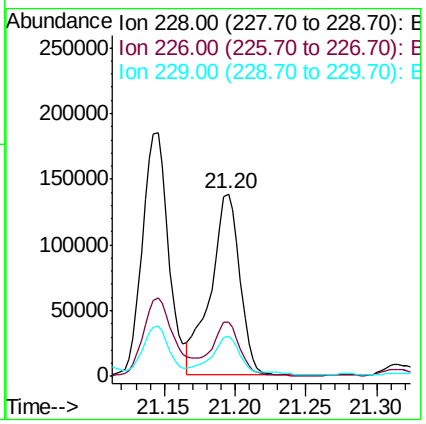




#19
Chrysene
Concen: 2.695 ng/ul
RT: 21.20 min Scan# 4690
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:228 Resp: 198134

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.8	35.6
229	21.8	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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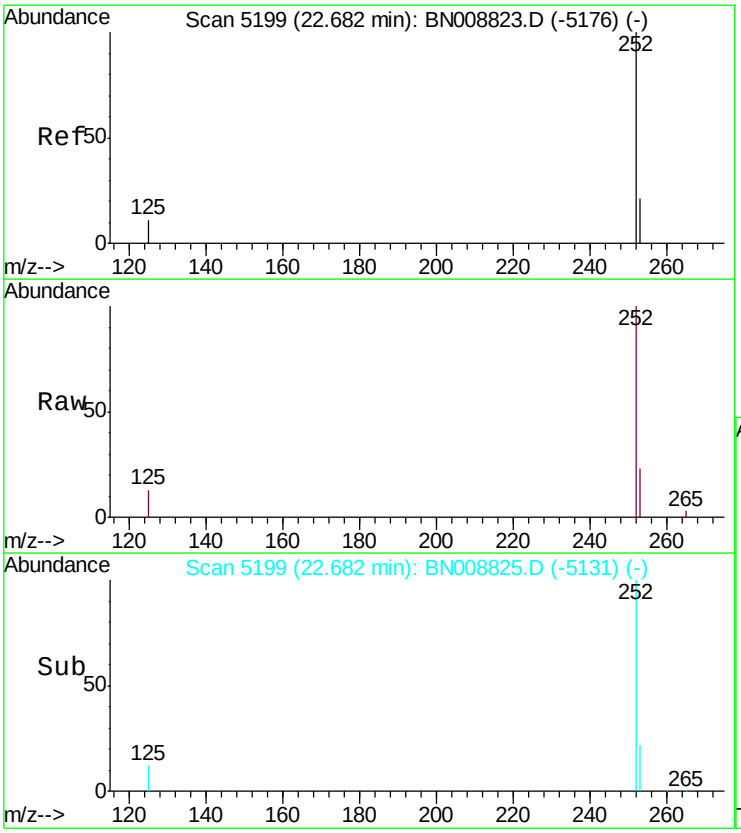
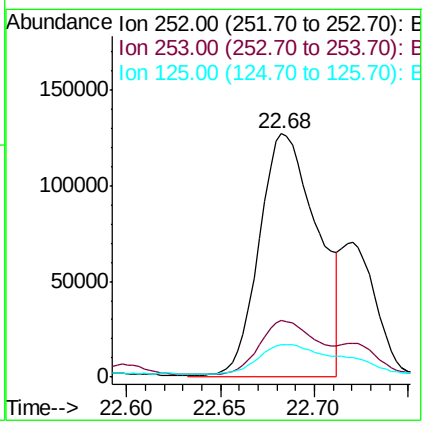
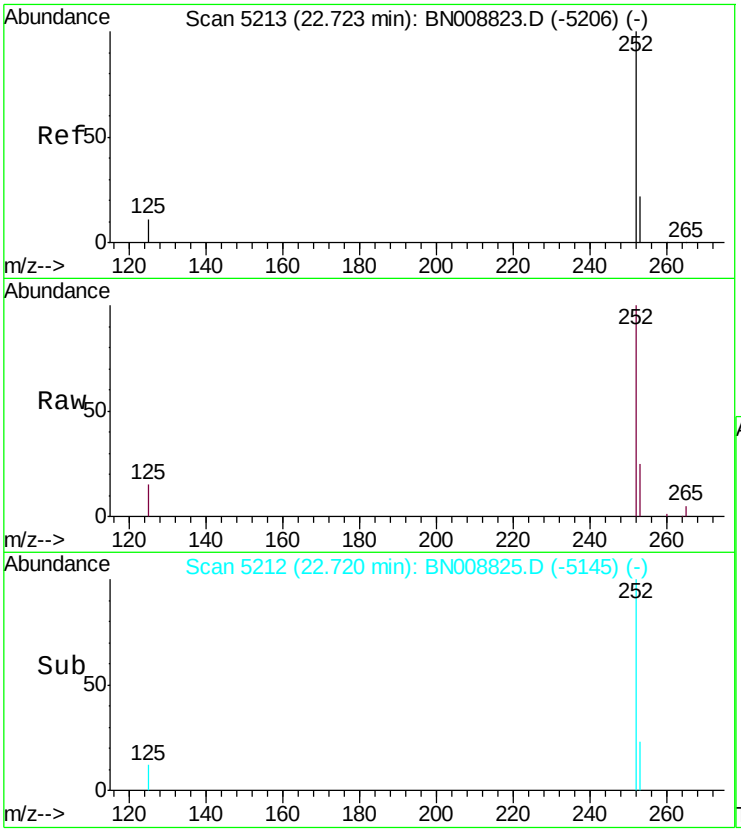


#21
Benzo(b)fluoranthene
Concen: 3.885 ng/ul m
RT: 22.68 min Scan# 5199
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:252 Resp: 276174

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	48.6
125	13.2	0.0	31.6





#22
Benzo(k)fluoranthene
Concen: 1.318 ng/ul m
RT: 22.72 min Scan# 5212
Delta R.T. -0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:252 Resp: 92936

Ion	Ratio	Lower	Upper
252	100		
253	24.7	19.6	29.4
125	14.8	13.8	20.6

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

Manual Integrations APPROVED
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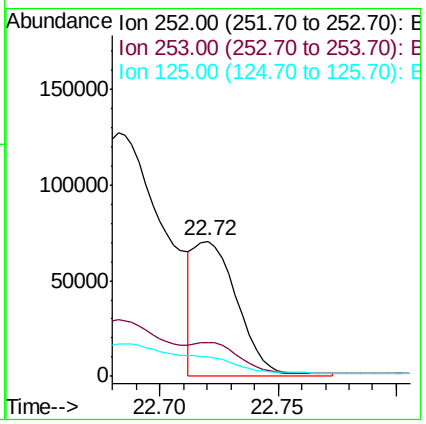
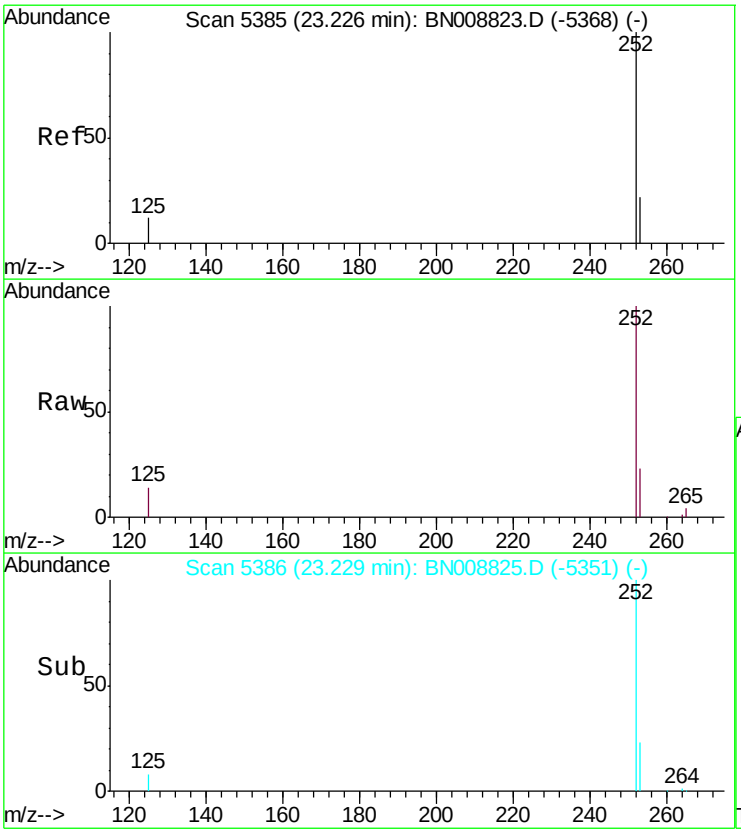
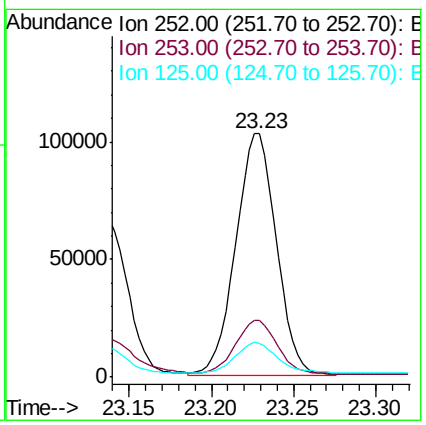


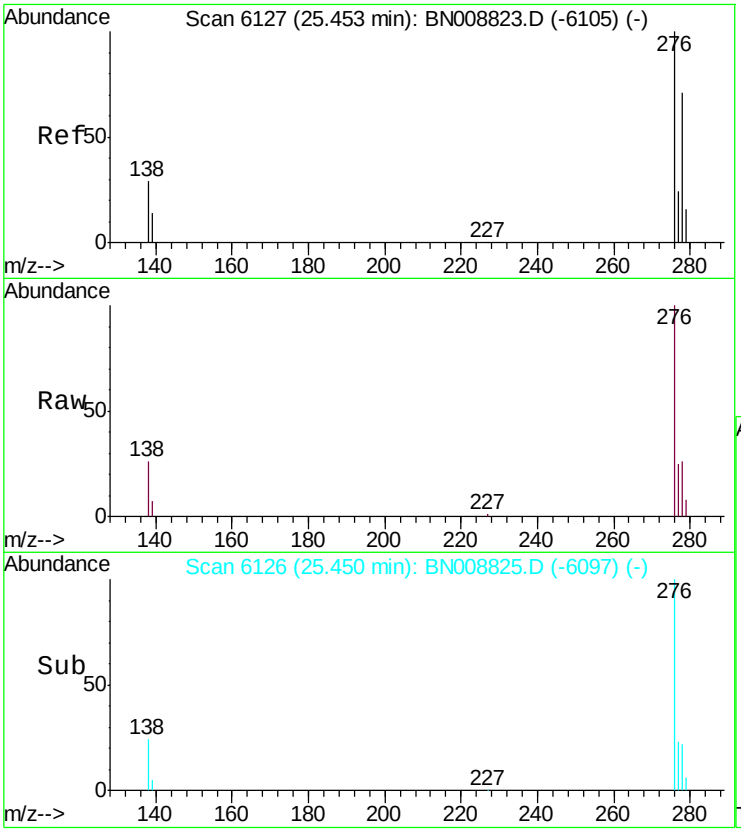


#23
Benzo(a)pyrene
Concen: 2.659 ng/ul m
RT: 23.23 min Scan# 5386
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:252 Resp: 177453

Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.9	29.9
125	13.9	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.192 ng/ul
RT: 25.45 min Scan# 6126
Delta R.T. -0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Instrument :
BNA_N
ClientSampleId :
C0AA4DL

Manual Integrations APPROVED
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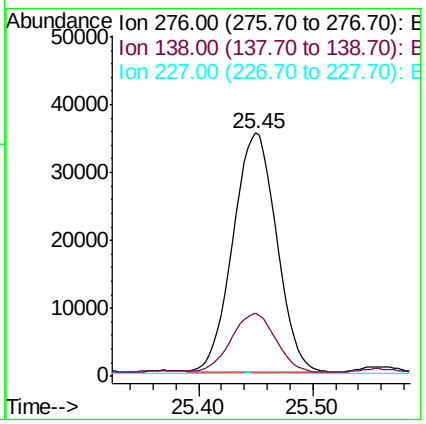
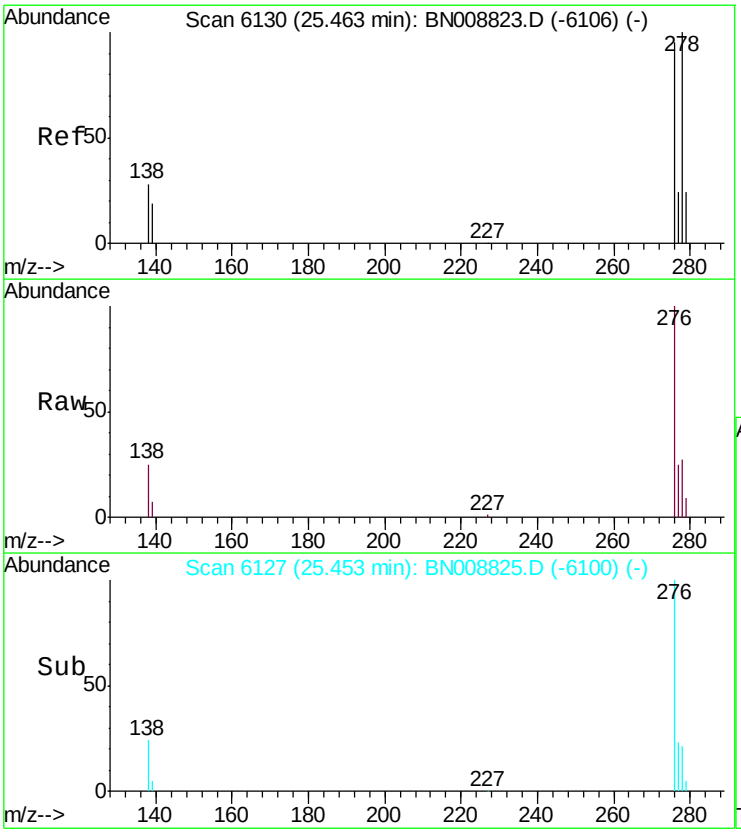
Tgt Ion:276 Resp: 93035

Ion	Ratio	Lower	Upper
276	100		
138	25.4	23.8	35.6
227	0.2	0.2	0.2

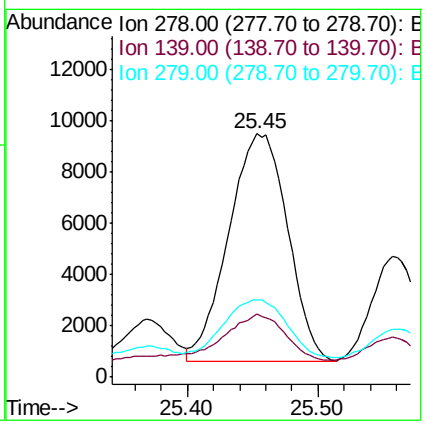


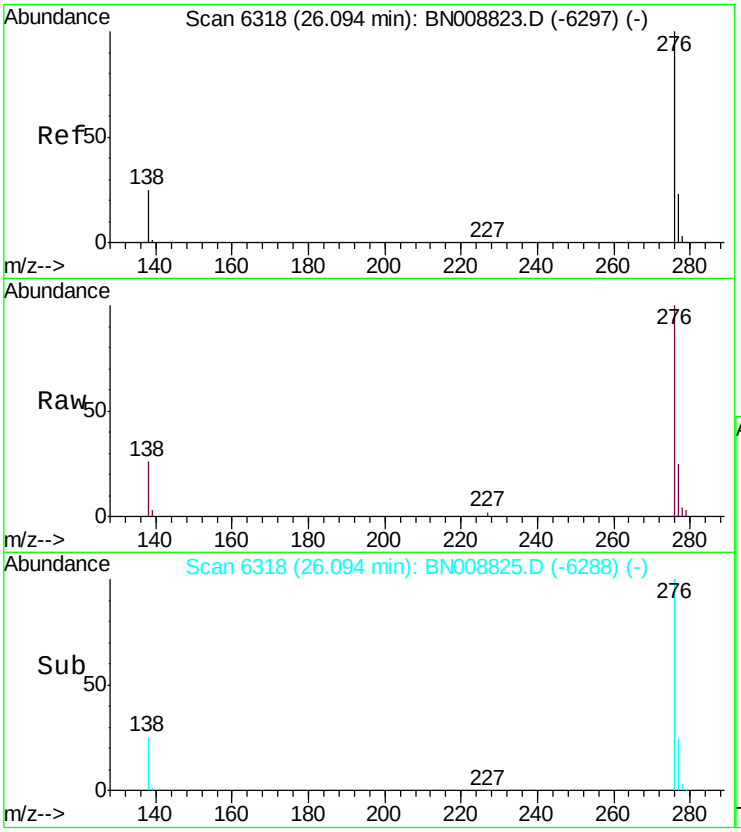


#25
Dibenzo(a,h)anthracene
Concen: 0.439 ng/ul
RT: 25.45 min Scan# 6127
Delta R.T. -0.01 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:278 Resp: 27657

Ion	Ratio	Lower	Upper
278	100		
139	26.1	17.4	26.0#
279	31.9	20.5	30.7#

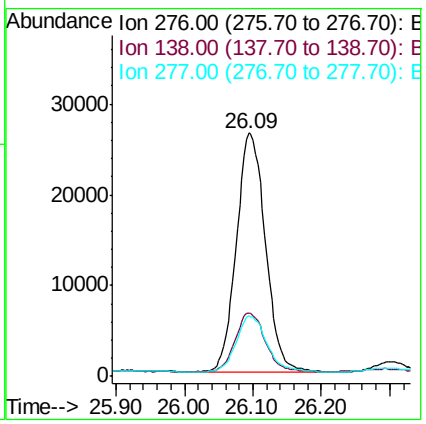




#26
Benzo(g,h,i)perylene
Concen: 1.196 ng/ul
RT: 26.09 min Scan# 6318
Delta R.T. 0.00 min
Lab File: BN008825.D
Acq: 03 Dec 2019 11:08

Tgt Ion:276 Resp: 78087

Ion	Ratio	Lower	Upper
276	100		
138	26.1	21.9	32.9
277	25.0	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0AA4DL

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