Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008830.D
Acq On : 03 Dec 2019 14:08
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 15:01:31 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 : C0AD3

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	4171	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	17298	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	10674	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	21362m	0.40	ng/ul	0.00
16) Chrysene-d12	21.16	240	15425	0.40	ng/ul	0.00
20) Perylene-d12	23.33	264	13831	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	7455	0.26	ng/ul	0.00
14) Fluoranthene-d10	18.99	212	17534	0.27	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	57199	1.097	ng/ul	99
5) 2-Methylnaphthalene	12.01	142	40358	1.108	ng/ul	100
7) Acenaphthylene	13.93	152	14913	0.253	ng/ul#	93
8) Acenaphthene	14.27	153	8627	0.197	ng/ul	98
9) Fluorene	15.27	166	11994	0.233	ng/ul#	93
12) Phenanthrene	17.00	178	133066	1.847	ng/ul	99
13) Anthracene	17.09	178	41447	0.609	ng/ul	97
15) Fluoranthene	19.02	202	231936	2.620	ng/ul	100
17) Pyrene	19.39	202	225124	3.638	ng/ul	97
18) Benzo(a)anthracene	21.15	228	116405	1.877	ng/ul	95
19) Chrysene	21.20	228	111485m	1.830	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	144720m	2.537	ng/ul	
22) Benzo(k)fluoranthene	22.72	252	53034m	0.938	ng/ul	
23) Benzo(a)pyrene	23.24	252	90530	1.691	ng/ul#	77
24) Indeno(1,2,3-cd)pyrene	25.46	276	53083	0.848	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.46	278	13362	0.264	ng/ul#	1
26) Benzo(g,h,i)perylene	26.11	276	49308	0.941	ng/ul#	90

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN120319\
Data File : BN008830.D
Acq On : 03 Dec 2019 14:08
Operator : JU
Sample : K5854-17
Misc :
ALS Vial : 9 Sample Multiplier: 1

Quant Time: Dec 03 15:01:31 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 :
C0AD3

Manual Integrations APPROVED
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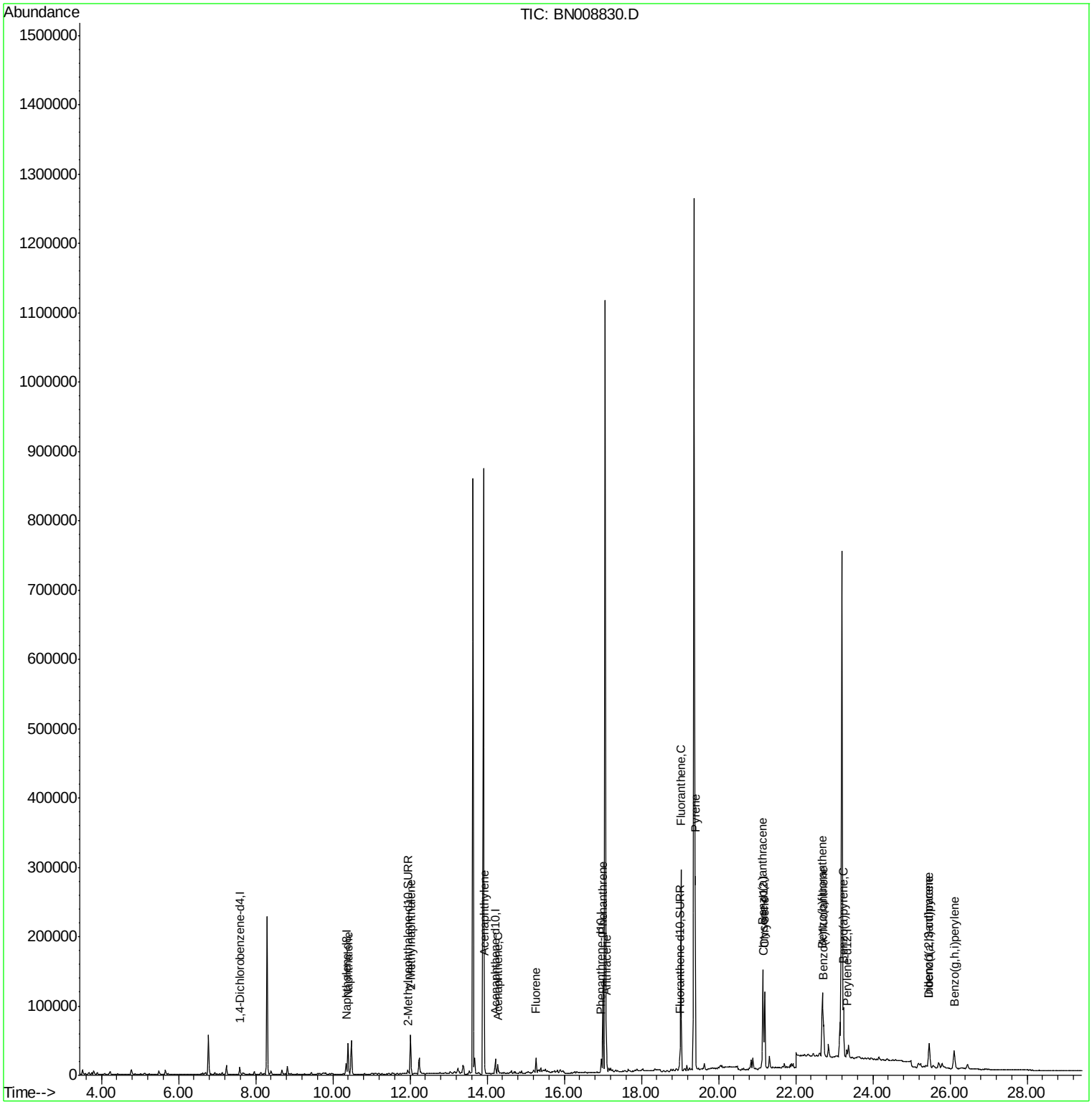

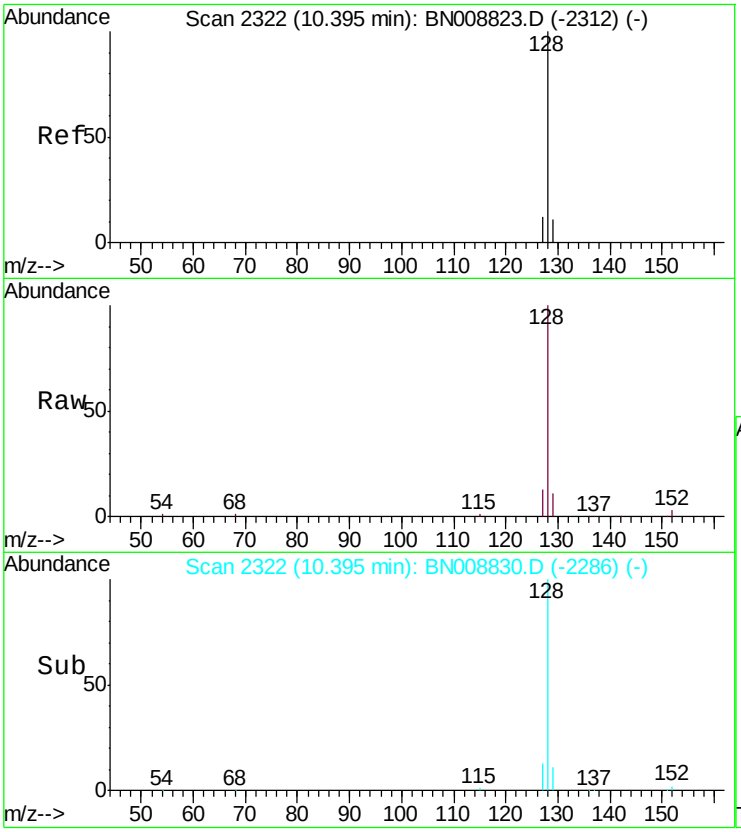

#3
Naphthalene
Concen: 1.097 ng/ul
RT: 10.40 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:128 Resp: 57199

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.1	13.7
127	13.1	10.7	16.1

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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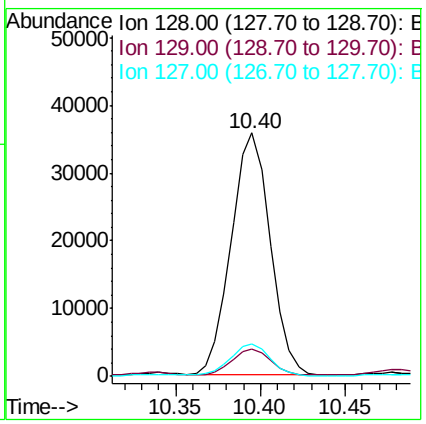
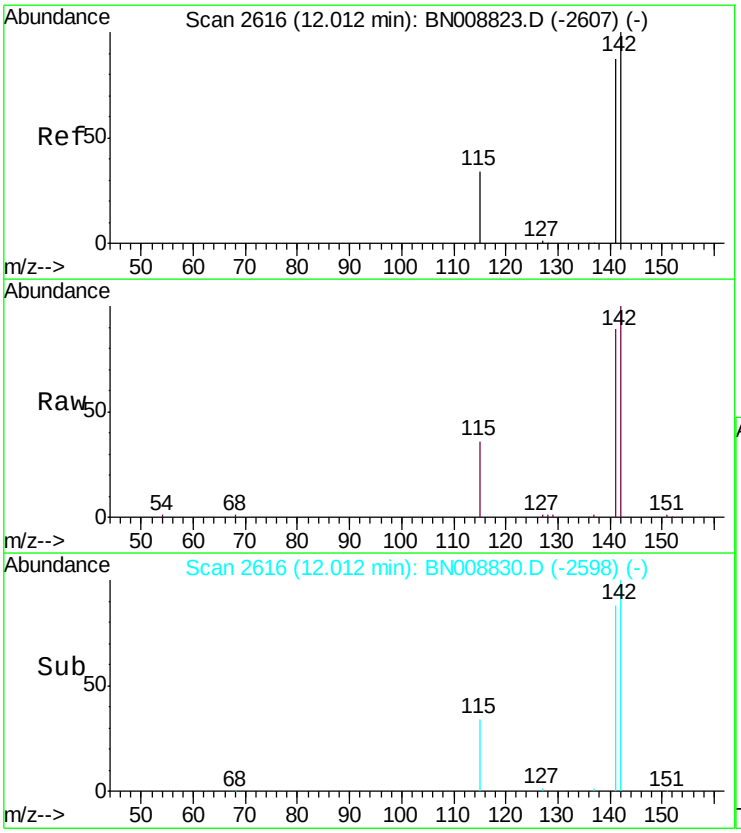
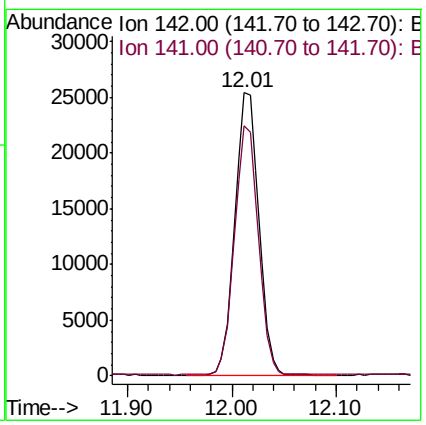


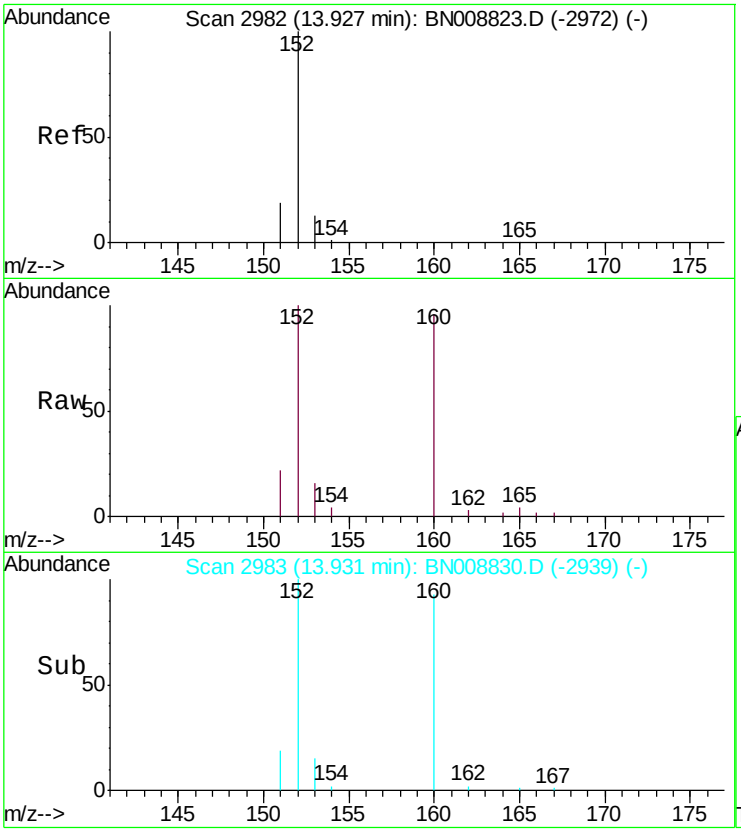


#5
2-Methylnaphthalene
Concen: 1.108 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:142 Resp: 40358

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.1	105.1

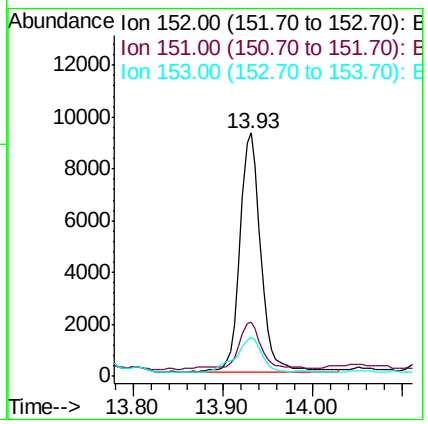




#7
Acenaphthylene
Concen: 0.253 ng/ul
RT: 13.93 min Scan# 2983
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:152 Resp: 14913

Ion	Ratio	Lower	Upper
152	100		
151	22.5	15.8	23.6
153	16.1	10.6	15.8#



Instrument :
BNA_N
ClientSampleId :
C0AD3

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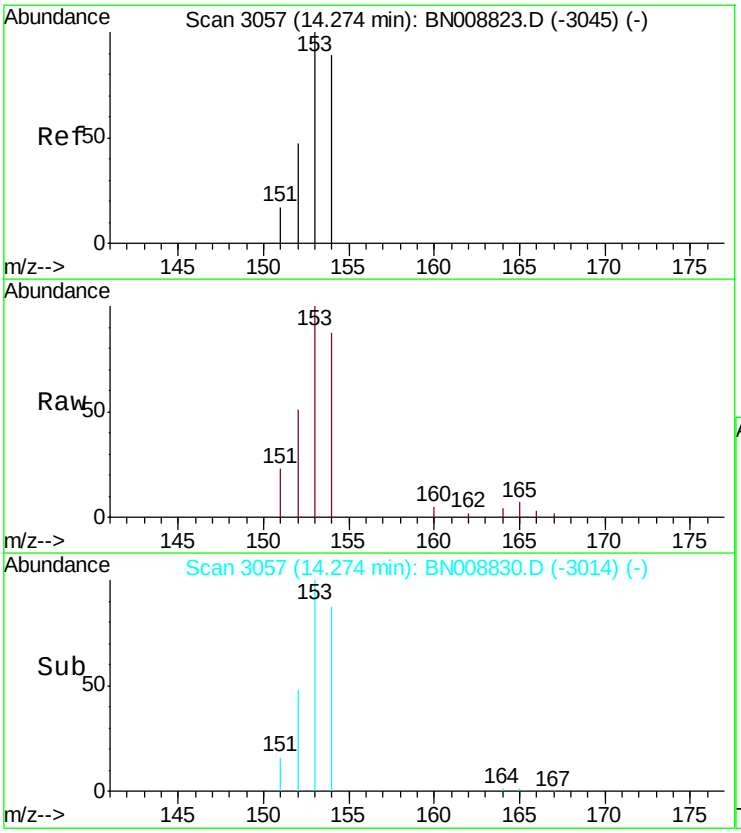
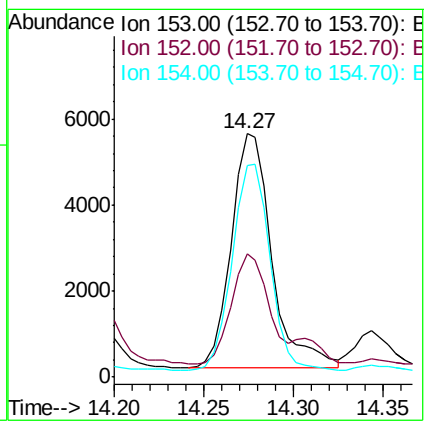
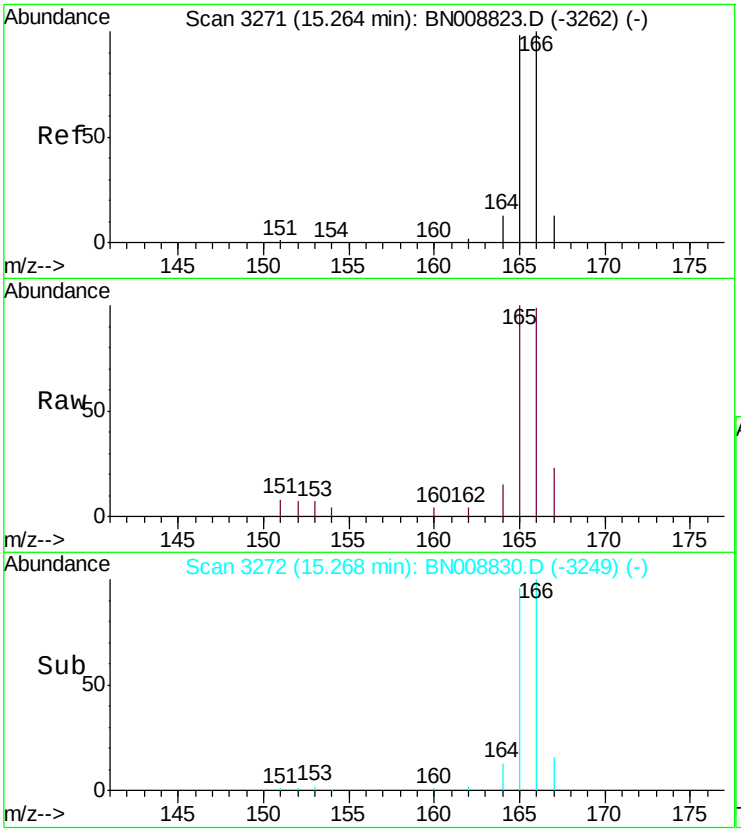


#8
Acenaphthene
Concen: 0.197 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:153 Resp: 8627

Ion	Ratio	Lower	Upper
153	100		
152	50.6	38.6	58.0
154	86.9	70.6	105.8

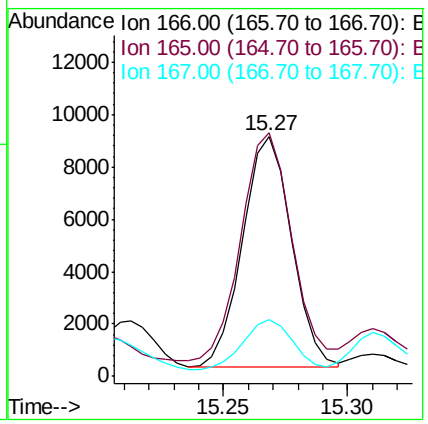




#9
Fluorene
Concen: 0.233 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:166 Resp: 11994

Ion	Ratio	Lower	Upper
166	100		
165	101.5	77.7	116.5
167	23.8	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0AD3

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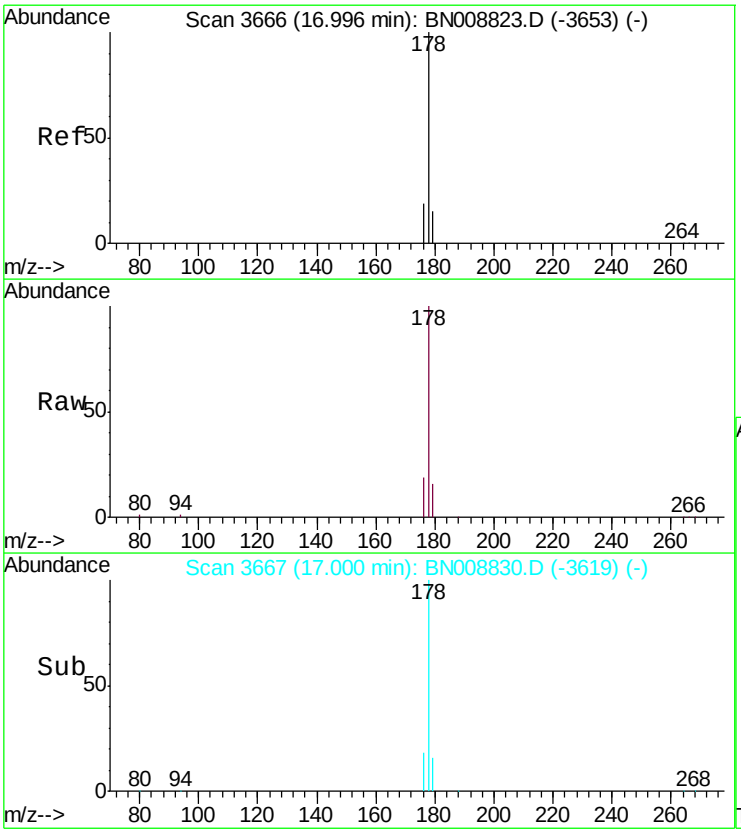
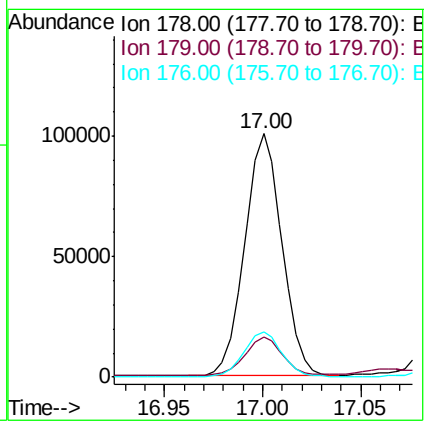
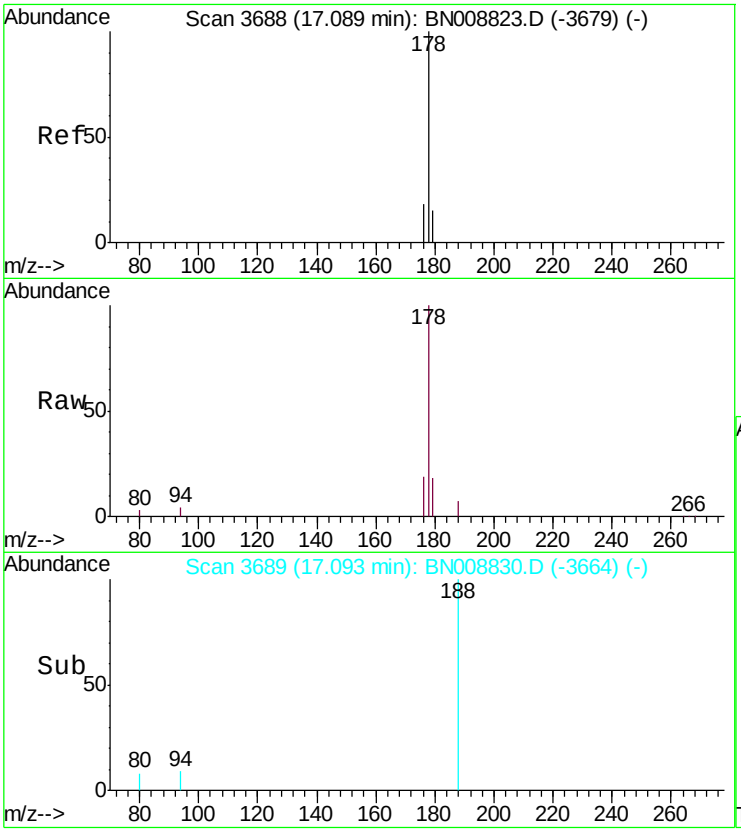


#12
Phenanthrene
Concen: 1.847 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:178 Resp: 133066

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	18.8
176	18.7	15.3	22.9

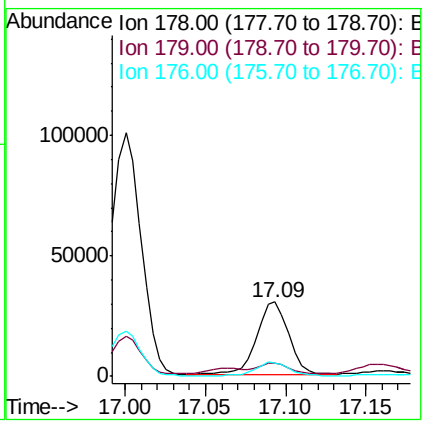




#13
Anthracene
Concen: 0.609 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:178 Resp: 41447

Ion	Ratio	Lower	Upper
178	100		
179	17.7	12.2	18.4
176	18.6	14.7	22.1



Instrument :
BNA_N
ClientSampleId :
C0AD3

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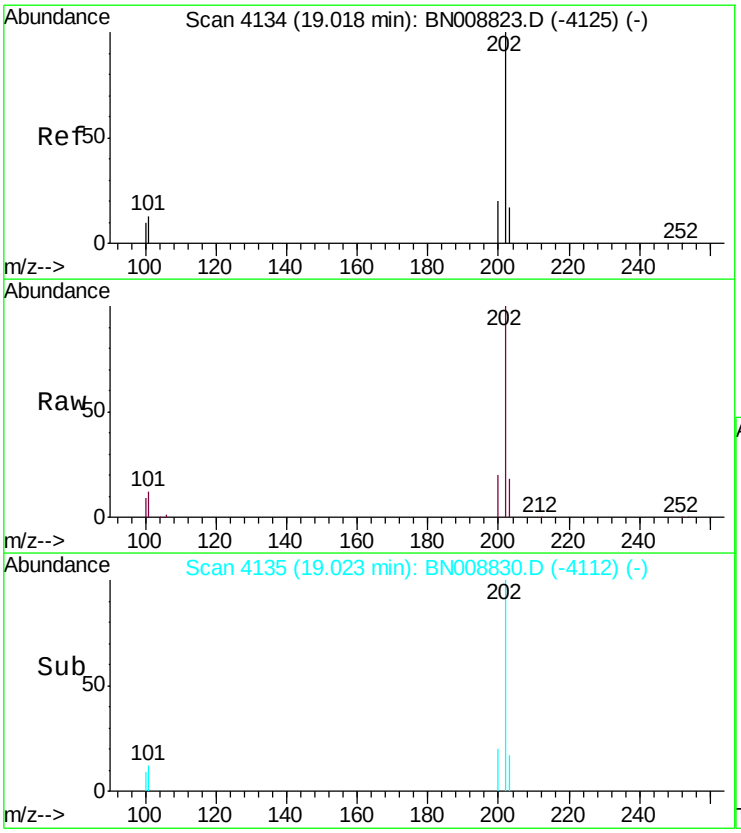
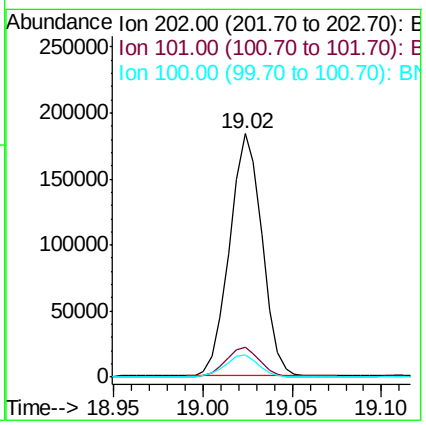
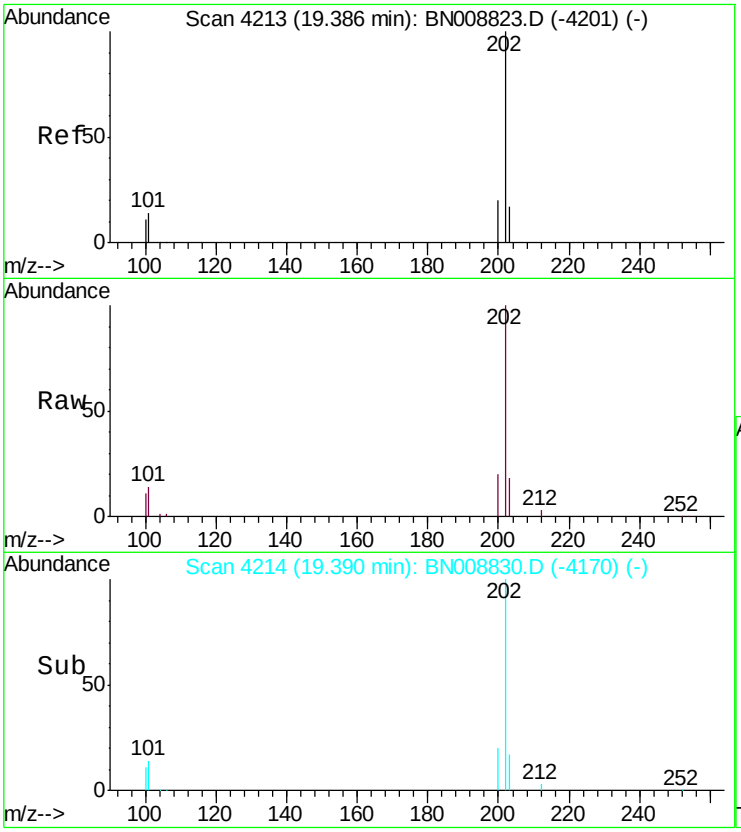


#15
Fluoranthene
Concen: 2.620 ng/ul
RT: 19.02 min Scan# 4135
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:202 Resp: 231936

Ion	Ratio	Lower	Upper
202	100		
101	12.2	0.0	32.4
100	9.2	0.0	29.2

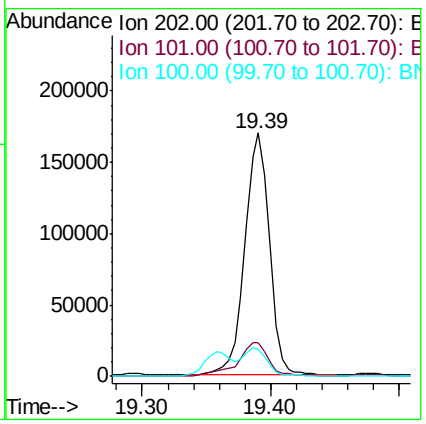




#17
Pyrene
Concen: 3.638 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:202 Resp: 225124

Ion	Ratio	Lower	Upper
202	100		
101	13.8	12.2	18.4
100	11.1	9.5	14.3



Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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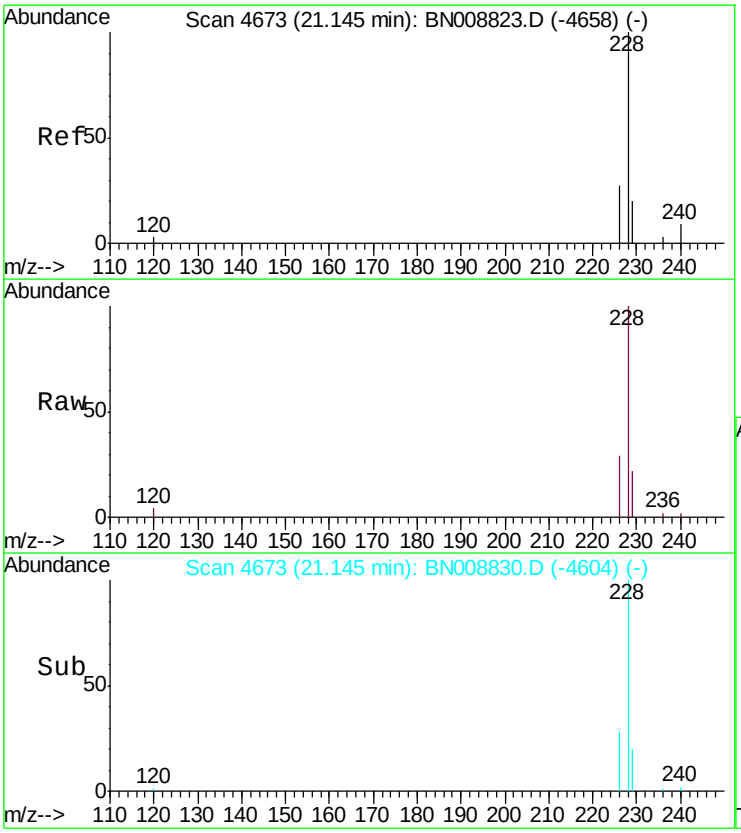
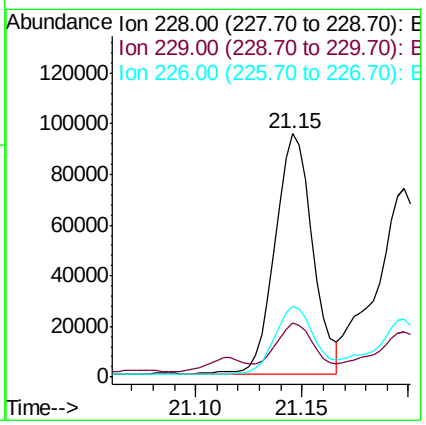
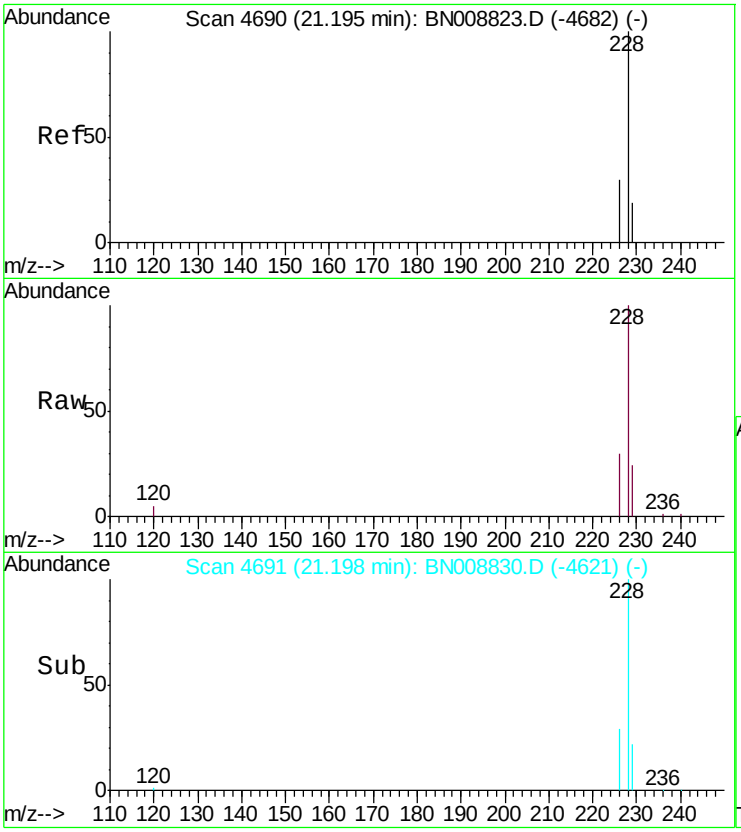


#18
Benzo(a)anthracene
Concen: 1.877 ng/ul
RT: 21.15 min Scan# 4673
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:228 Resp: 116405

Ion	Ratio	Lower	Upper
228	100		
229	22.1	15.7	23.5
226	29.2	21.5	32.3





#19
Chrysene
Concen: 1.830 ng/ul m
RT: 21.20 min Scan# 4691
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:228 Resp: 111485

Ion	Ratio	Lower	Upper
228	100		
226	30.4	23.8	35.6
229	24.2	15.6	23.4#

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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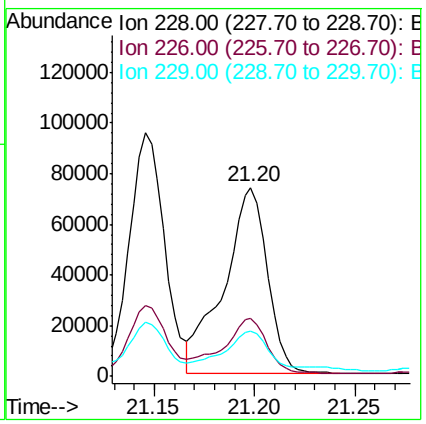
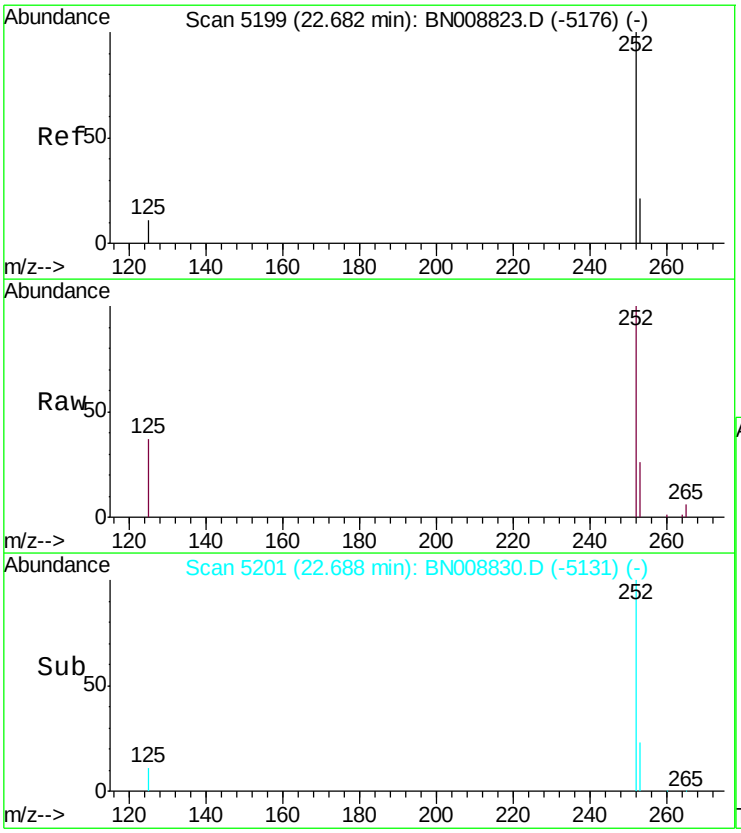
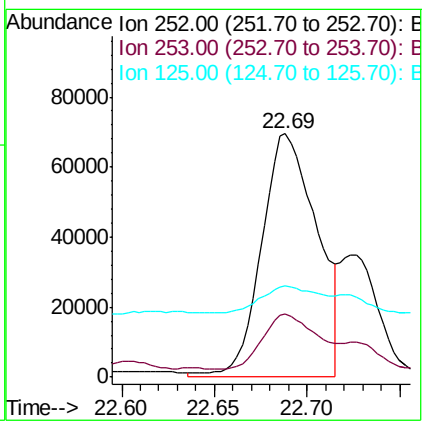


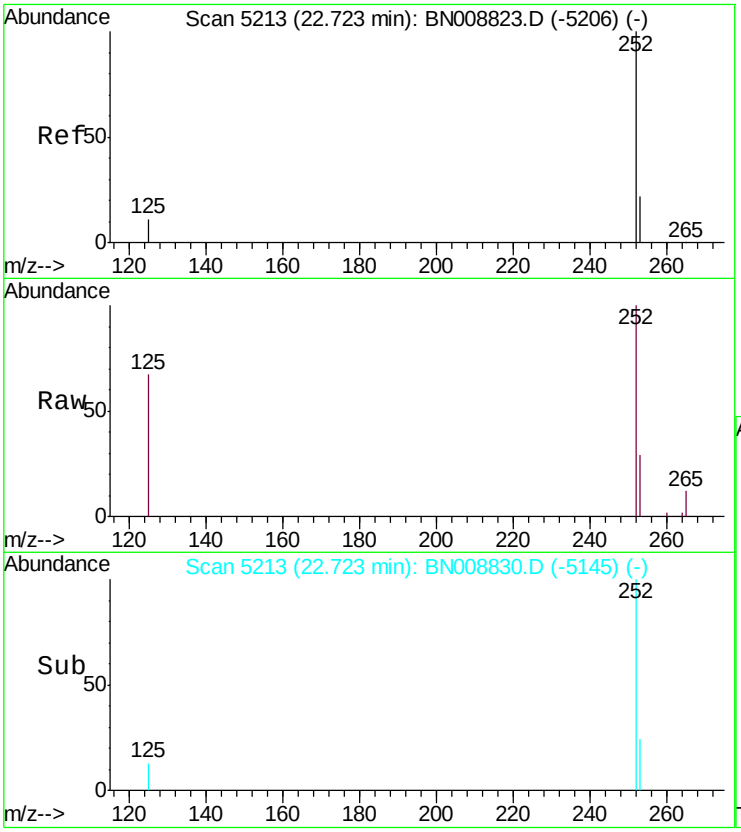


#21
Benzo(b)fluoranthene
Concen: 2.537 ng/ul m
RT: 22.69 min Scan# 5201
Delta R.T. 0.01 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:252 Resp: 144720

Ion	Ratio	Lower	Upper
252	100		
253	25.8	0.0	48.6
125	37.4	0.0	31.6#





#22
Benzo(k)fluoranthene
Concen: 0.938 ng/ul m
RT: 22.72 min Scan# 5213
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:252 Resp: 53034

Ion	Ratio	Lower	Upper
252	100		
253	28.7	19.6	29.4
125	66.6	13.8	20.6#

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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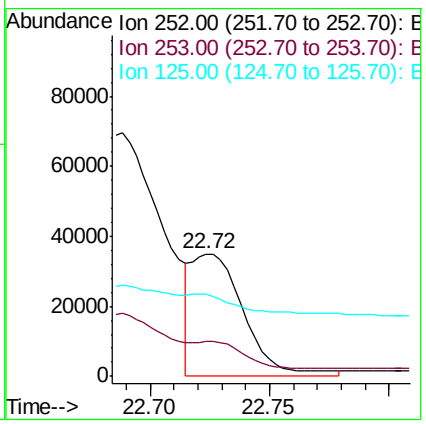
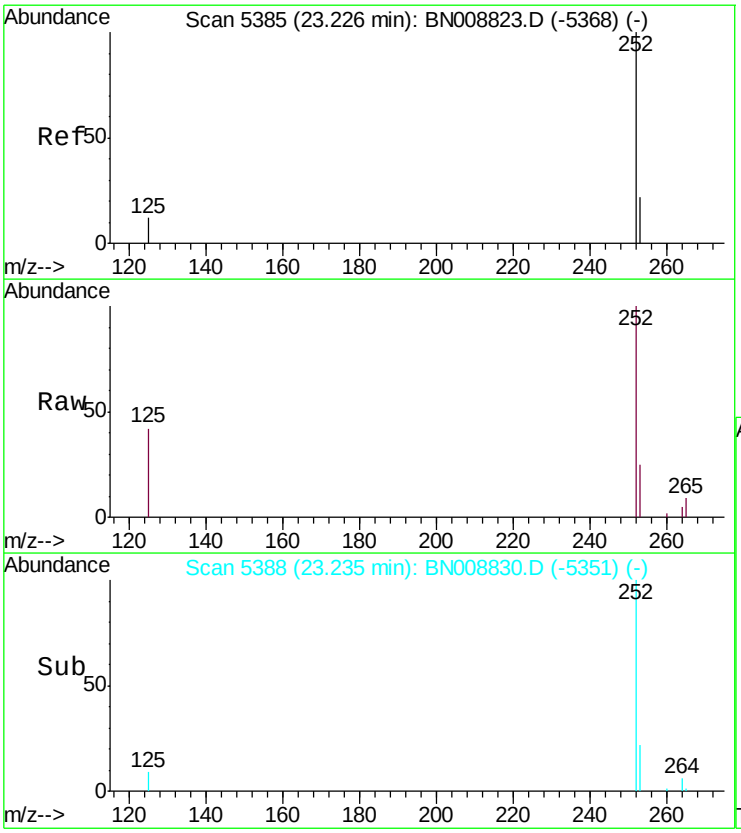
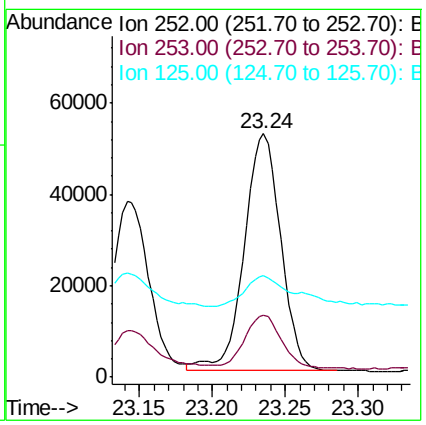


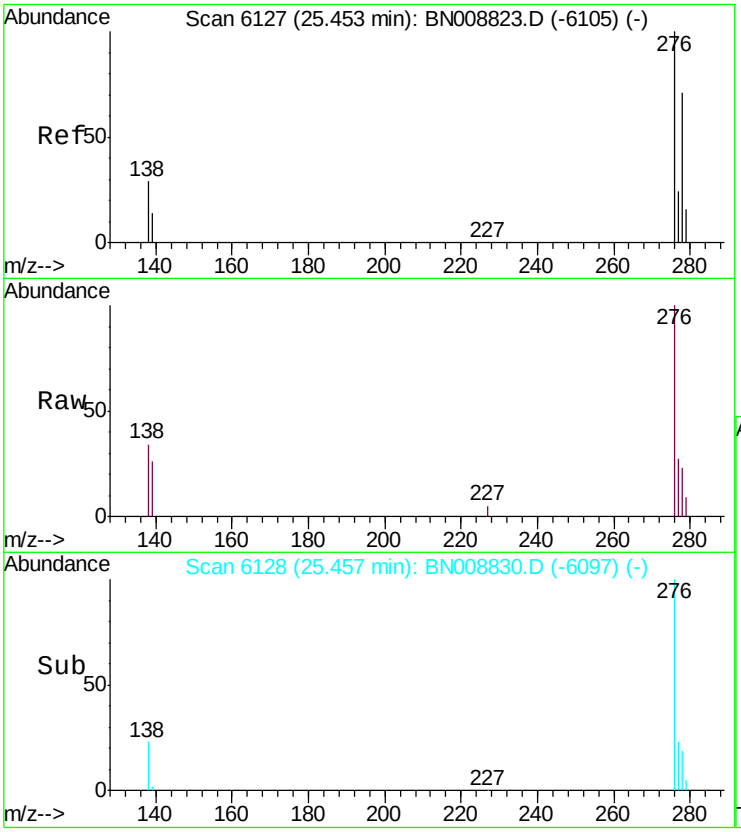


#23
Benzo(a)pyrene
Concen: 1.691 ng/ul
RT: 23.24 min Scan# 5388
Delta R.T. 0.01 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:252 Resp: 90530

Ion	Ratio	Lower	Upper
252	100		
253	25.3	19.9	29.9
125	41.8	14.6	22.0#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.848 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. 0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
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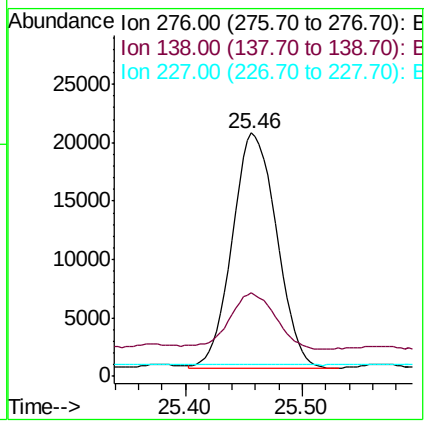
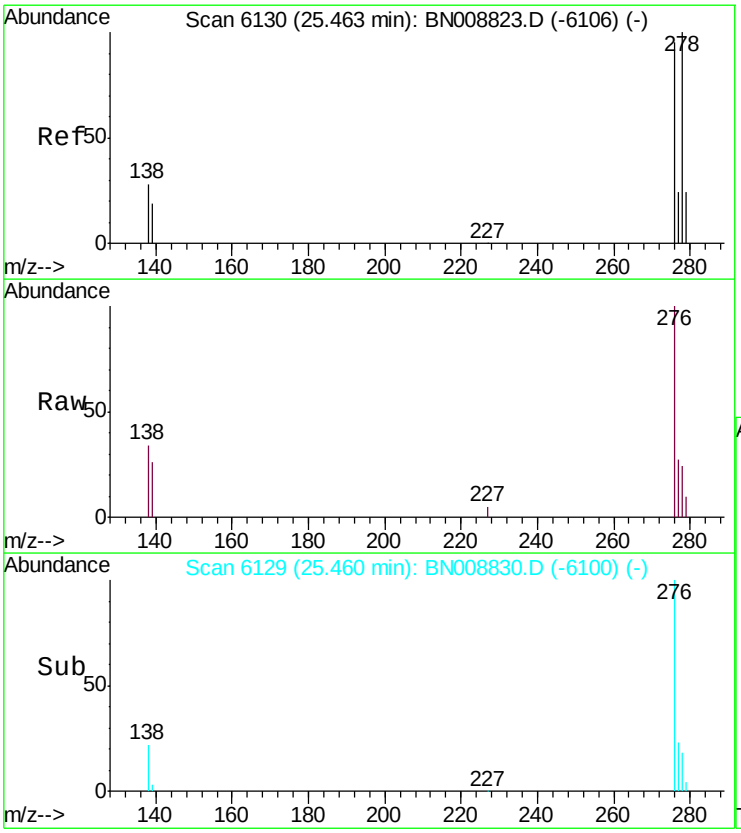
12/3/2019 5:10:02 PM

Tgt Ion:276 Resp: 53083

Ion	Ratio	Lower	Upper
276	100		
138	25.0	23.8	35.6
227	0.1	0.2	0.2#

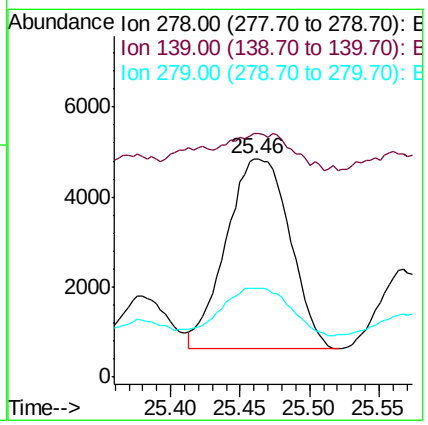


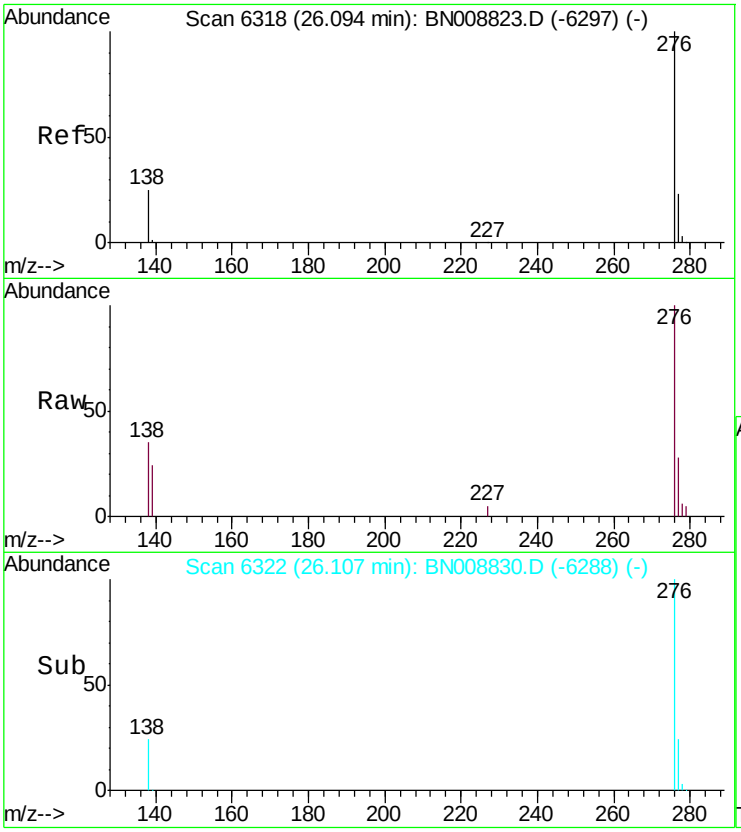


#25
Dibenzo(a,h)anthracene
Concen: 0.264 ng/ul
RT: 25.46 min Scan# 6129
Delta R.T. -0.00 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:278 Resp: 13362

Ion	Ratio	Lower	Upper
278	100		
139	111.3	17.4	26.0#
279	40.6	20.5	30.7#

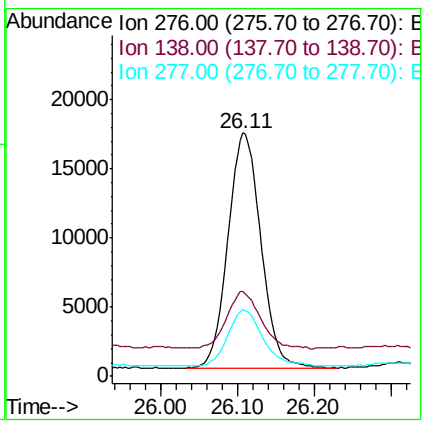




#26
Benzo(g,h,i)perylene
Concen: 0.941 ng/ul
RT: 26.11 min Scan# 6322
Delta R.T. 0.01 min
Lab File: BN008830.D
Acq: 03 Dec 2019 14:08

Tgt Ion:276 Resp: 49308

Ion	Ratio	Lower	Upper
276	100		
138	35.0	21.9	32.9#
277	27.5	19.9	29.9



Instrument :
BNA_N
ClientSampleId :
C0AD3

Manual Integrations APPROVED
mohammad
12/3/2019 5:10:02 PM