Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012216.D
Acq On : 15 Oct 2020 04:46
Operator : CG/JU
Sample : L4184-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : C0AL6DL

Manual Integrations APPROVED
mohammad
10/19/2020 1:18:53 PM

Quant Time: Oct 15 07:22:59 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN101420.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 15 04:47:44 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1708	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	7042	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3968	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8403	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	7515	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	7579	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	327	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	780	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	942	0.046	ng/ul#	84
5) 2-Methylnaphthalene	12.07	142	298	0.023	ng/ul	98
7) Acenaphthylene	13.98	152	1737	0.101	ng/ul#	88
8) Acenaphthene	14.32	153	978	0.067	ng/ul	97
9) Fluorene	15.31	166	1438	0.089	ng/ul#	98
12) Phenanthrene	17.05	178	25372	0.947	ng/ul	98
13) Anthracene	17.14	178	7154	0.311	ng/ul	99
15) Fluoranthene	19.07	202	57776	1.845	ng/ul	98
17) Pyrene	19.44	202	49077	1.448	ng/ul	99
18) Benzo(a)anthracene	21.19	228	29791	1.070	ng/ul	99
19) Chrysene	21.24	228	31835	0.939	ng/ul	99
21) Benzo(b)fluoranthene	22.74	252	87777m	2.867	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	25548m	0.754	ng/ul	
23) Benzo(a)pyrene	23.30	252	48612	1.632	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.57	276	82672	2.161	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	16168	0.528	ng/ul	97
26) Benzo(g,h,i)perylene	26.24	276	72939	2.080	ng/ul	97

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

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN101420\

Quantitation Report (QT Reviewed)

Data File : BN012216.D
Acq On : 15 Oct 2020 04:46
Operator : CG/JU
Sample : L4184-12DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Quant Time: Oct 15 07:22:59 2020
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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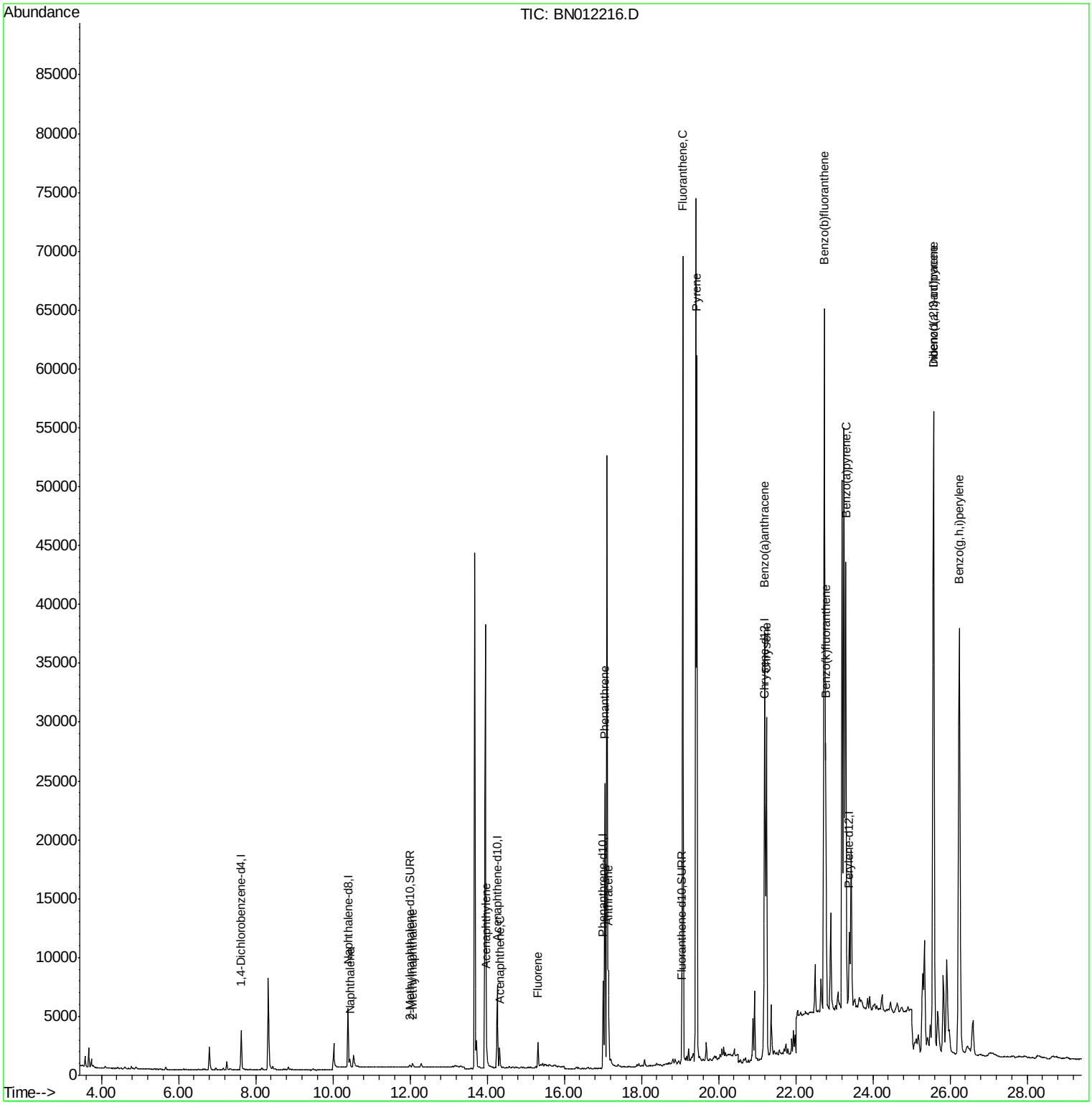

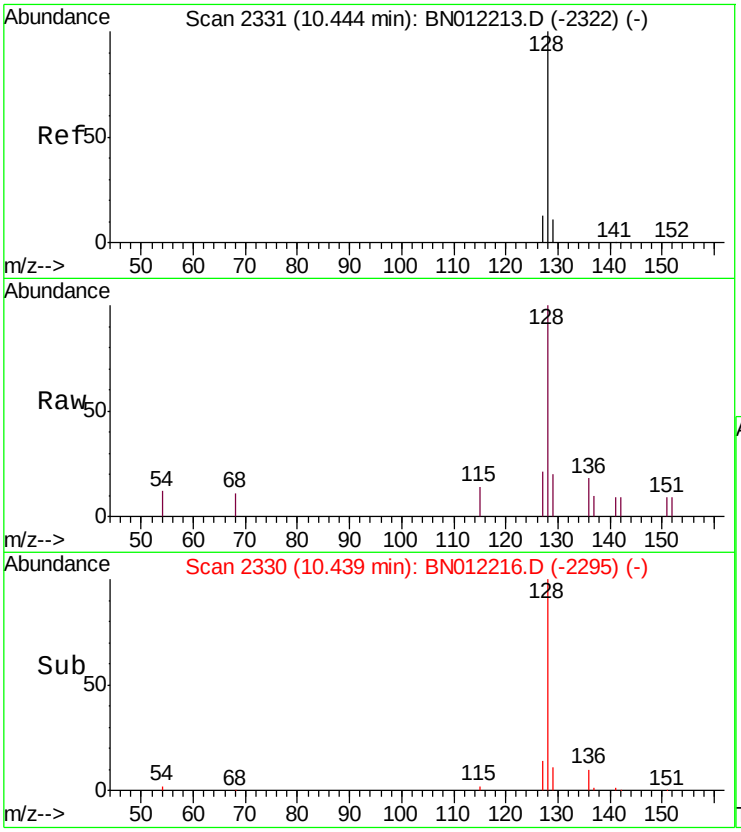

#3
Naphthalene
Concen: 0.046 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:128 Resp: 942

Ion	Ratio	Lower	Upper
128	100		
129	19.8	10.3	15.5#
127	21.0	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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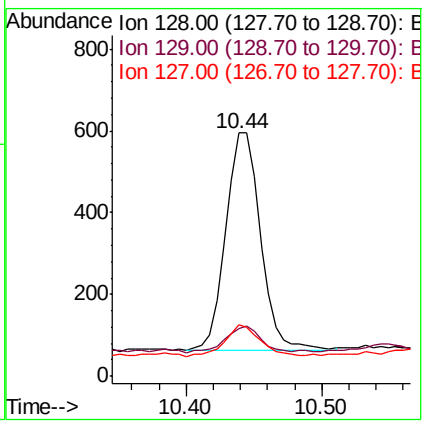
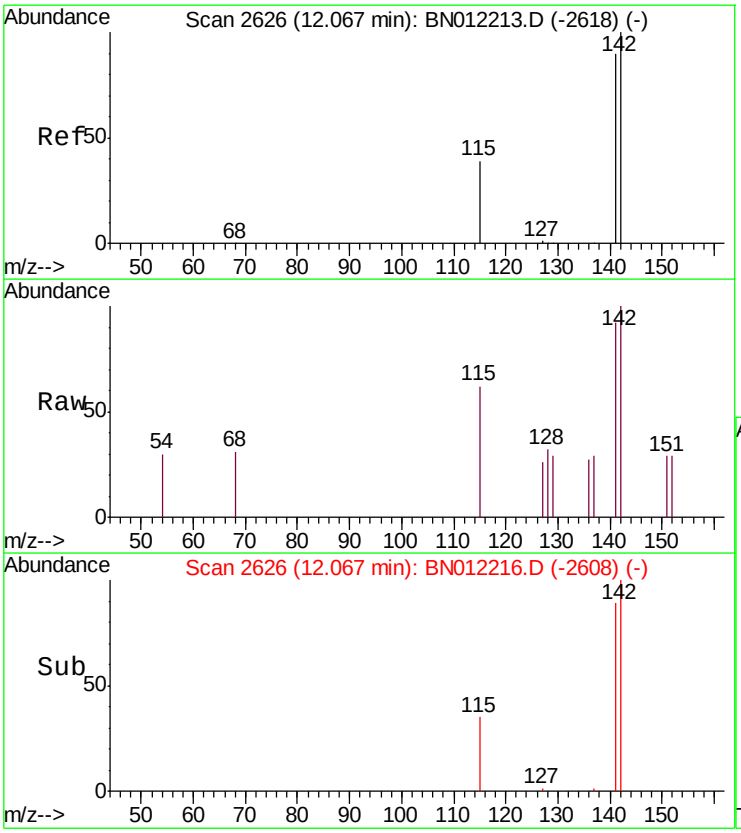
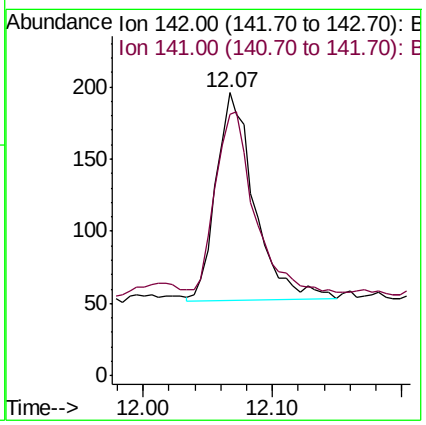


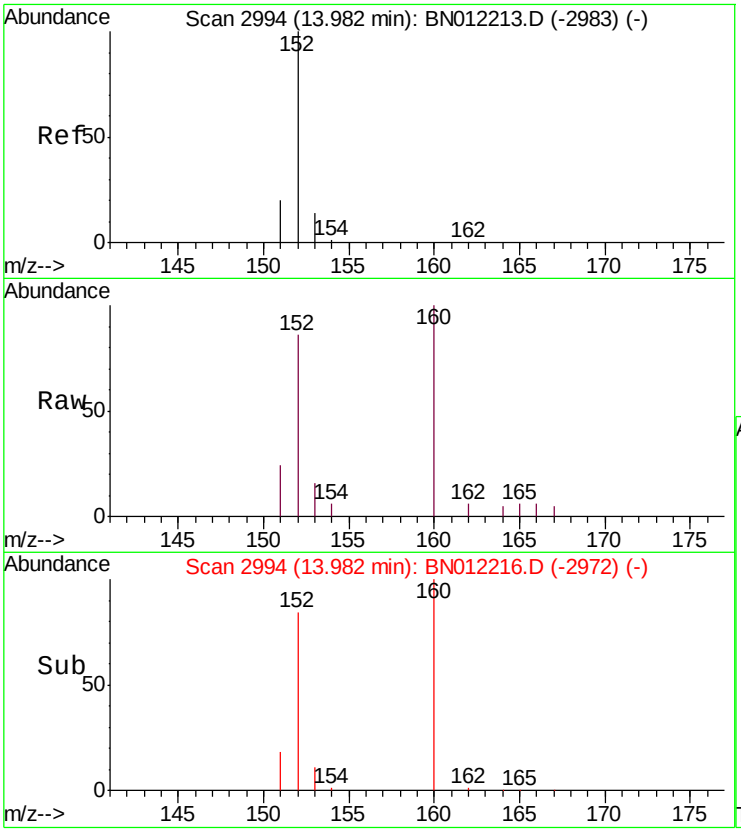


#5
2-Methylnaphthalene
Concen: 0.023 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:142 Resp: 298

Ion	Ratio	Lower	Upper
142	100		
141	91.9	71.7	107.5





#7
Acenaphthylene
Concen: 0.101 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:152 Resp: 1737

Ion	Ratio	Lower	Upper
152	100		
151	28.1	16.7	25.1#
153	18.1	11.8	17.8#

Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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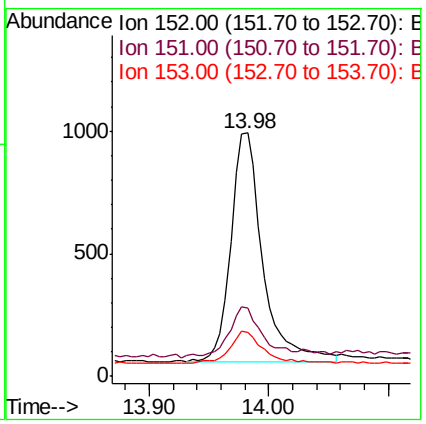
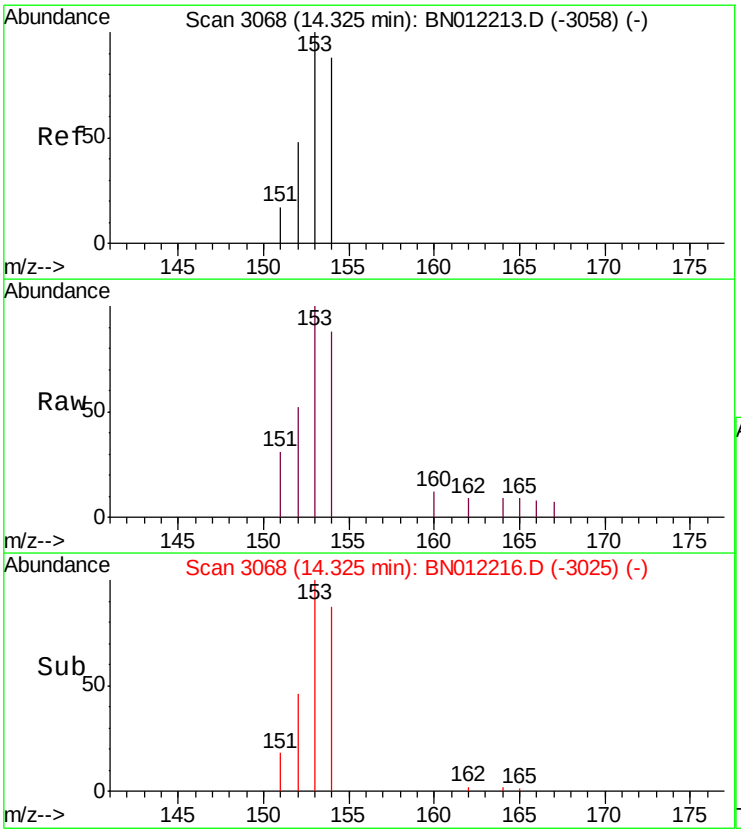
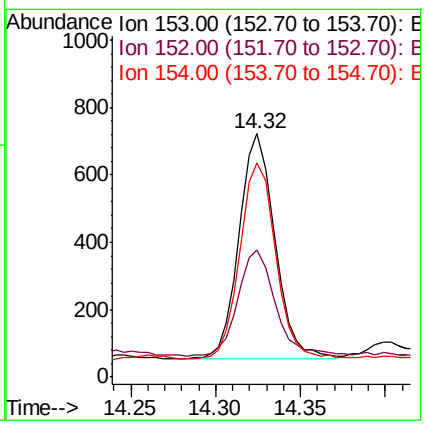


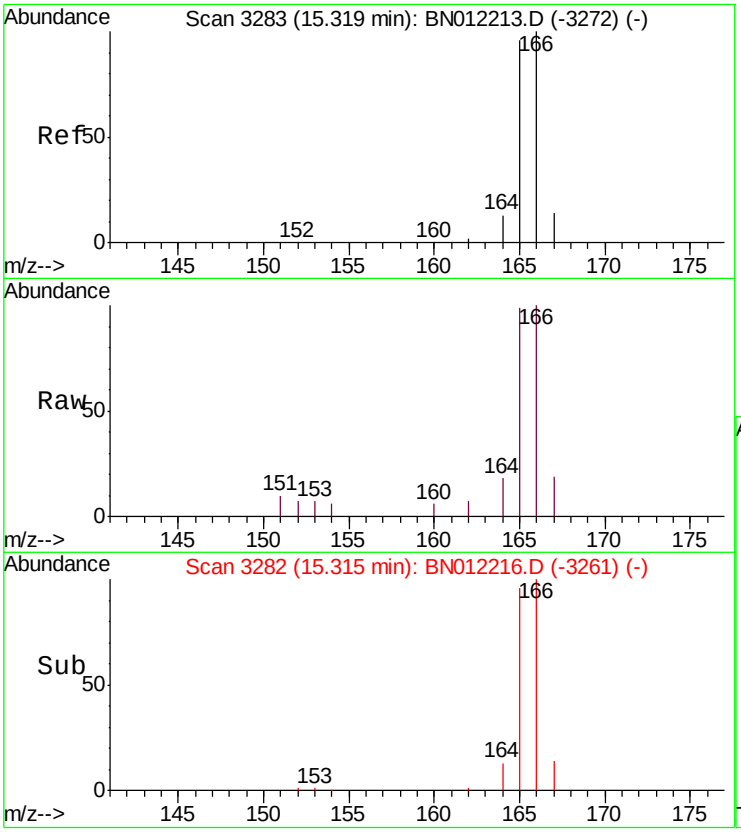


#8
Acenaphthene
Concen: 0.067 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:153 Resp: 978

Ion	Ratio	Lower	Upper
153	100		
152	52.1	38.2	57.2
154	87.8	71.1	106.7





#9
Fluorene
Concen: 0.089 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:166 Resp: 1438

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	18.8	11.9	17.9#

Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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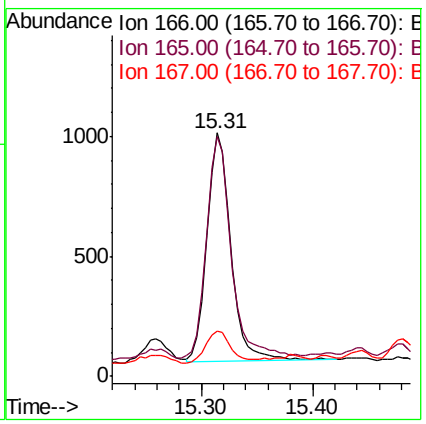
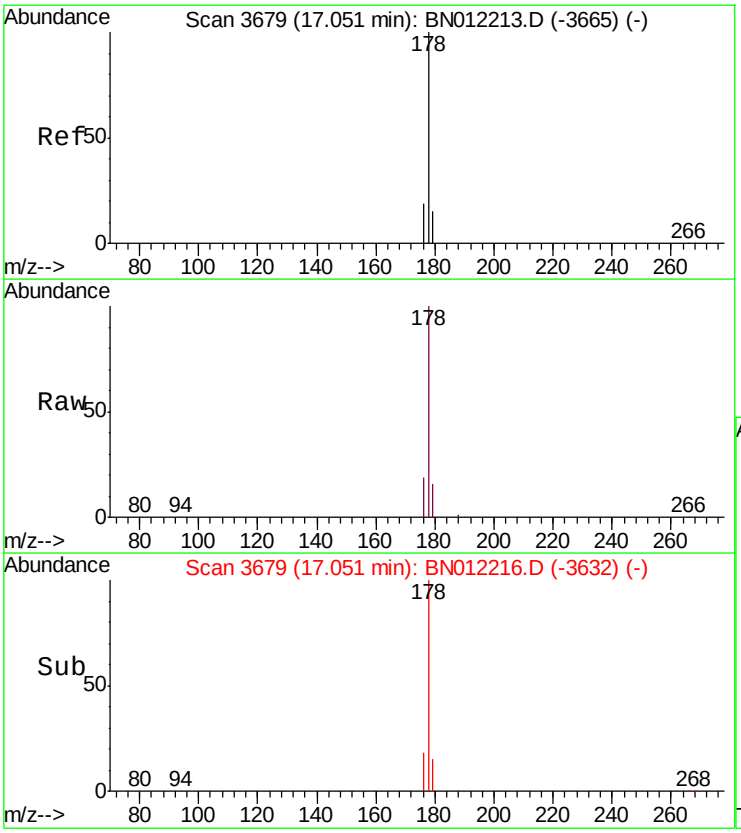
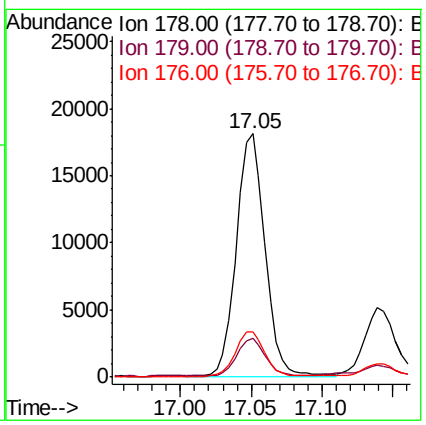


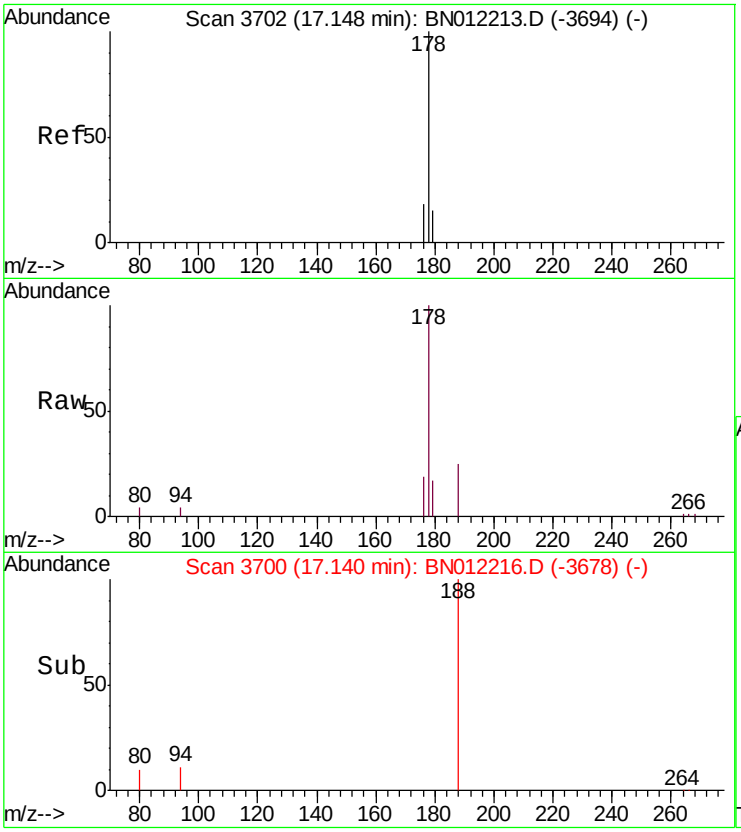


#12
Phenanthrene
Concen: 0.947 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:178 Resp: 25372

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.4	20.2
176	18.6	15.7	23.5

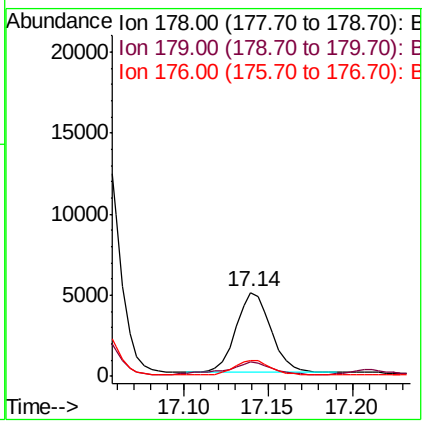




#13
Anthracene
Concen: 0.311 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:178 Resp: 7154

Ion	Ratio	Lower	Upper
178	100		
179	17.1	13.9	20.9
176	18.6	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0AL6DL

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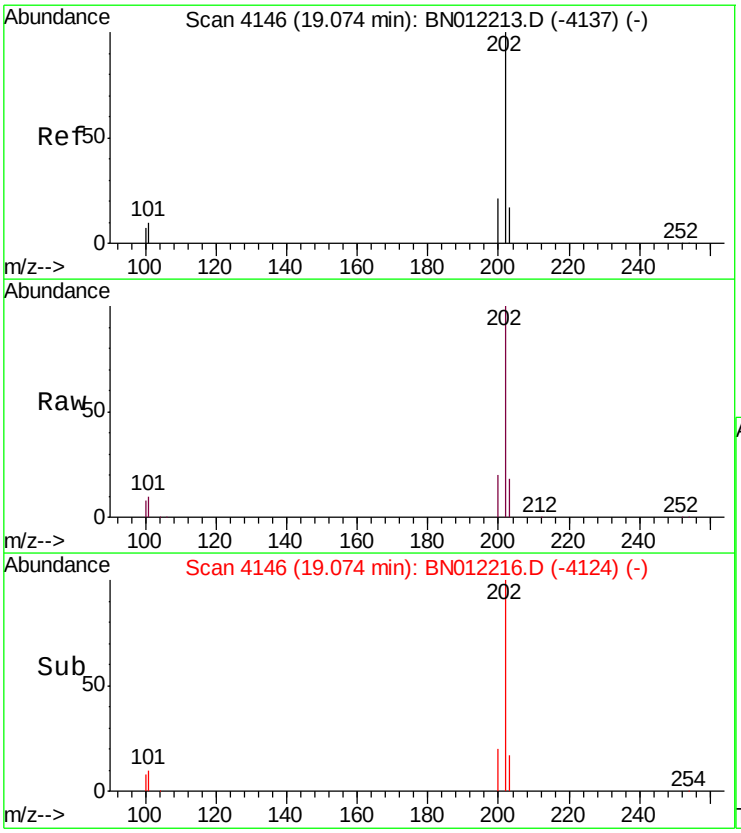
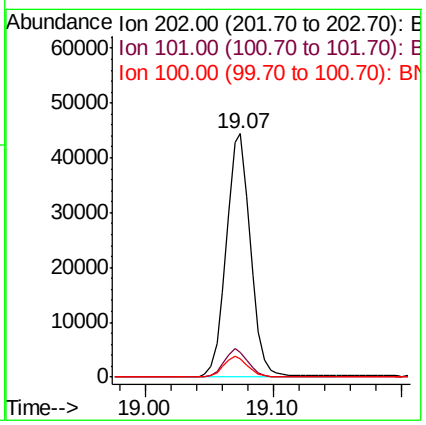
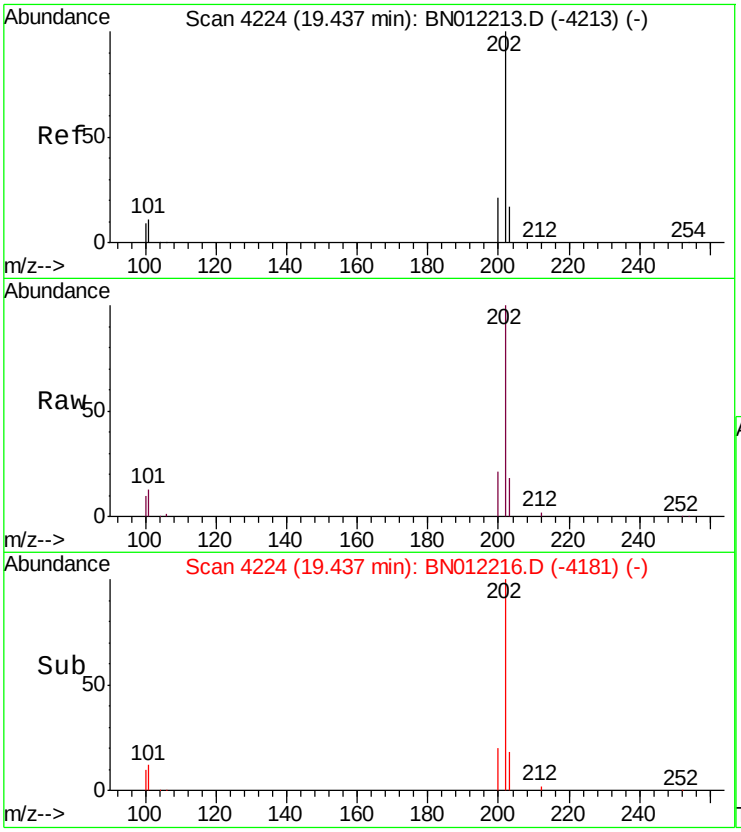


#15
Fluoranthene
Concen: 1.845 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:202 Resp: 57776

Ion	Ratio	Lower	Upper
202	100		
101	10.3	0.0	31.0
100	7.8	0.0	28.7

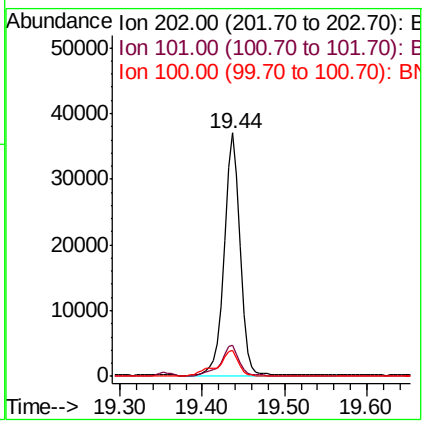




#17
Pyrene
Concen: 1.448 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:202 Resp: 49077

Ion	Ratio	Lower	Upper
202	100		
101	12.6	9.9	14.9
100	10.4	8.0	12.0



Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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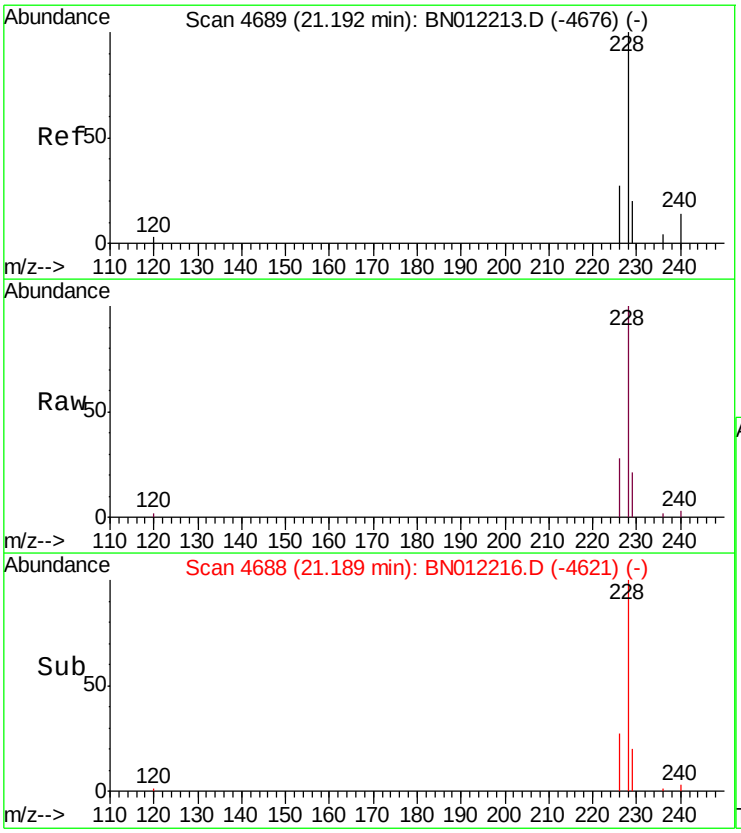
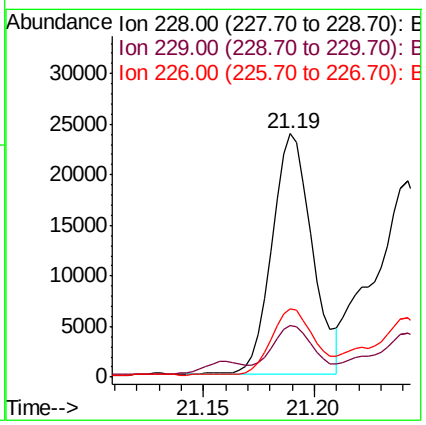
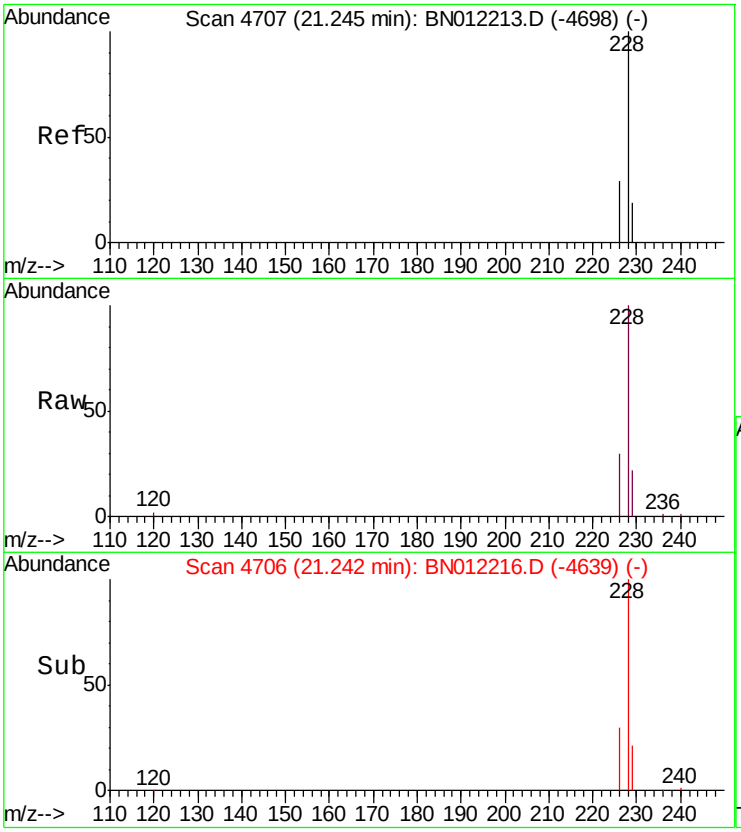


#18
Benzo(a)anthracene
Concen: 1.070 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:228 Resp: 29791

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.8
226	28.1	22.6	33.8

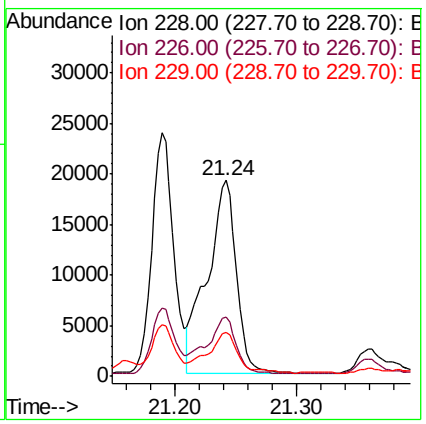




#19
Chrysene
Concen: 0.939 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:228 Resp: 31835

Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.6	37.0
229	22.2	17.0	25.6



Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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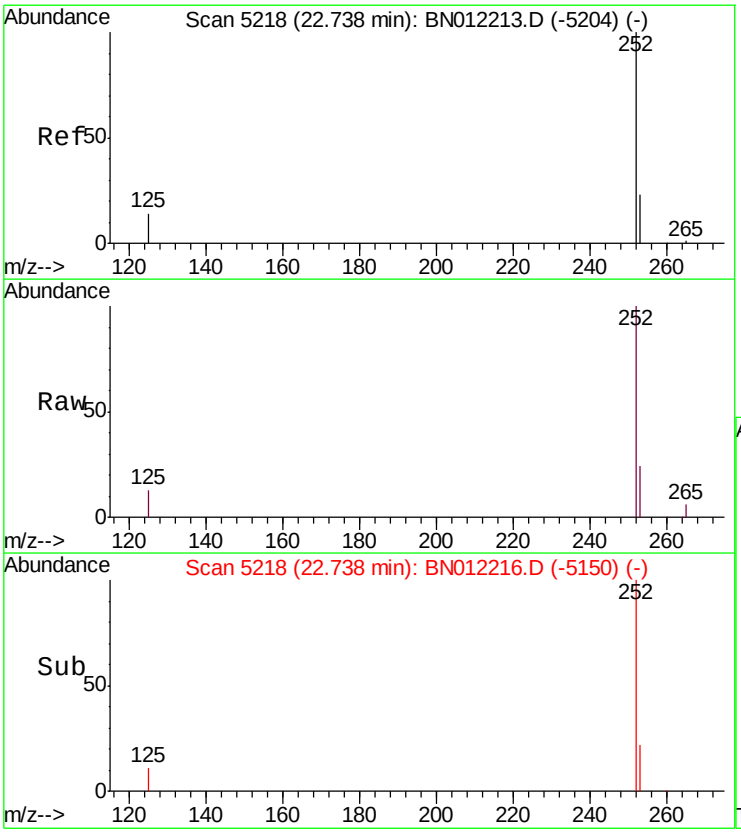
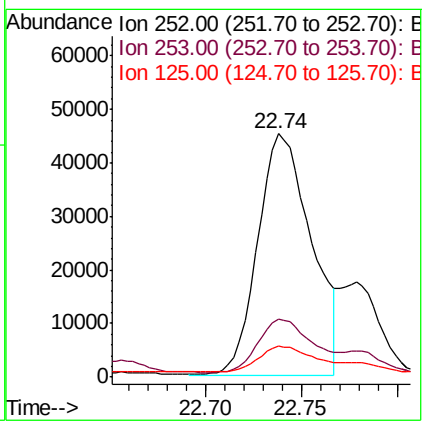
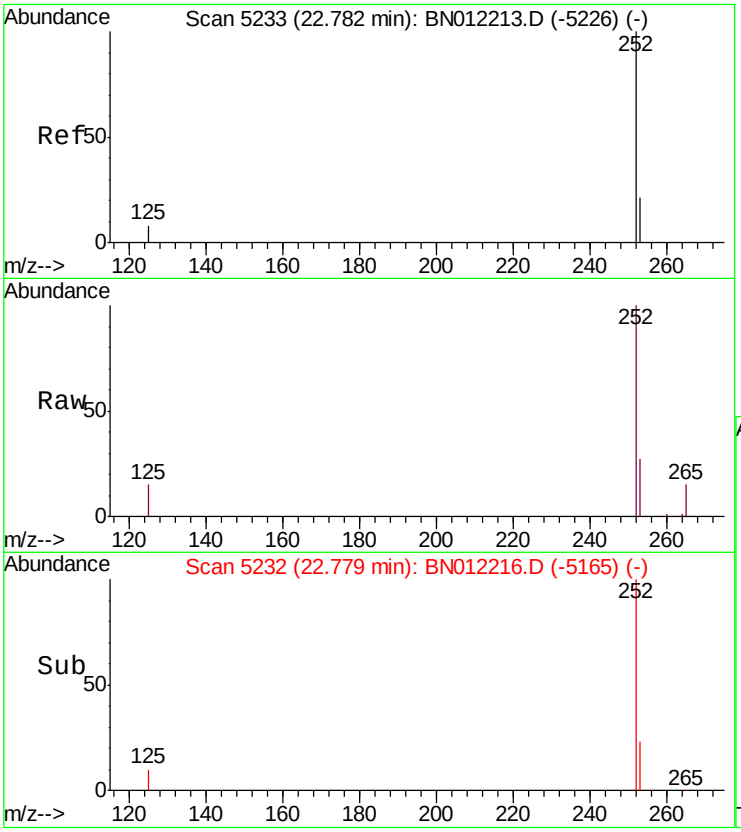


#21
Benzo(b)fluoranthene
Concen: 2.867 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:252 Resp: 87777

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	61.6
125	12.6	0.0	36.8





#22
Benzo(k)fluoranthene
Concen: 0.754 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:252 Resp: 25548

Ion	Ratio	Lower	Upper
252	100		
253	27.2	24.4	36.6
125	15.3	12.9	19.3

Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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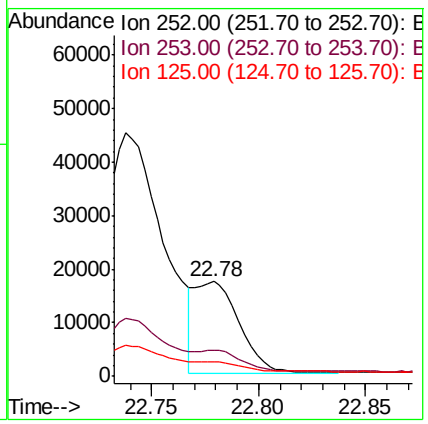
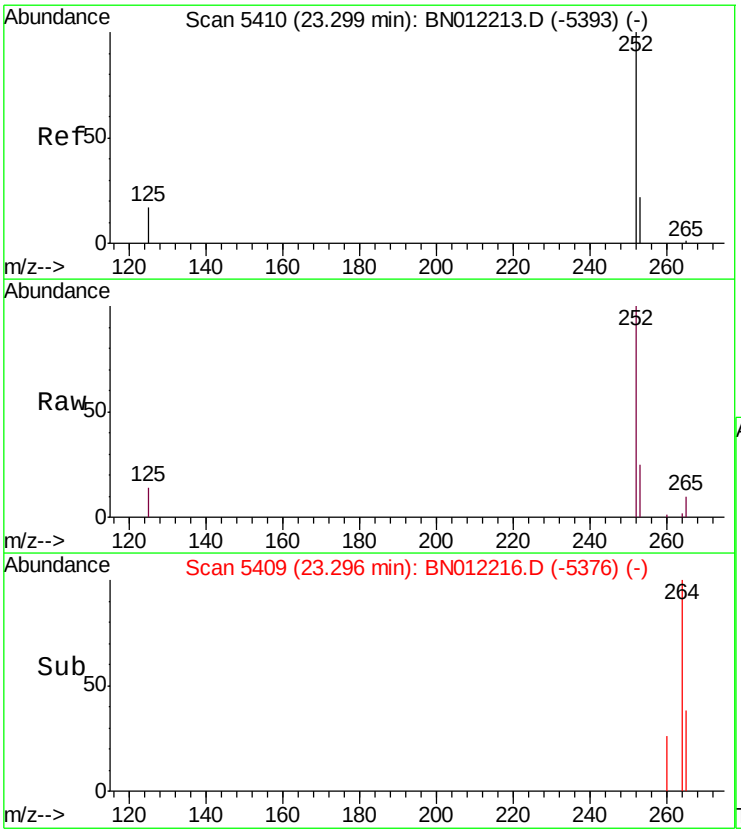
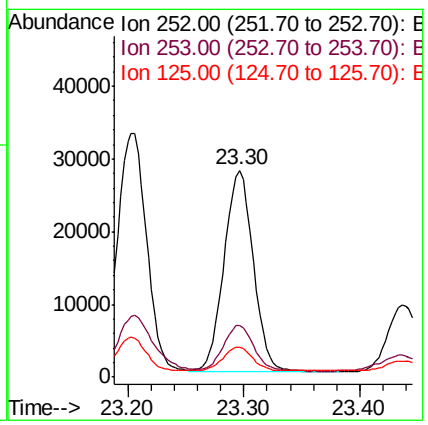


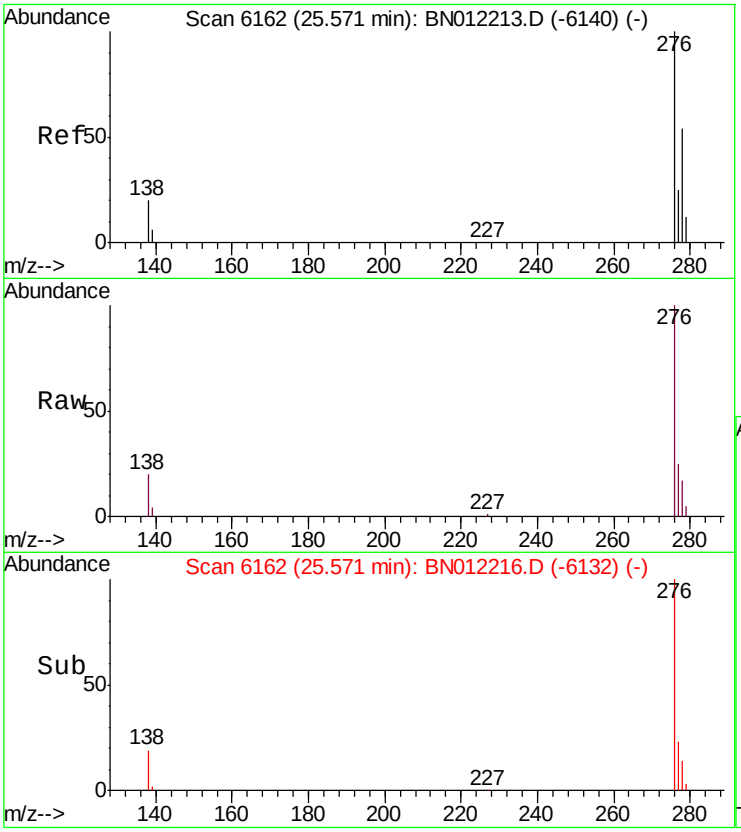


#23
Benzo(a)pyrene
Concen: 1.632 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:252 Resp: 48612

Ion	Ratio	Lower	Upper
252	100		
253	25.2	27.0	40.4#
125	14.4	18.8	28.2#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.161 ng/ul
RT: 25.57 min Scan# 6162
Delta R.T. 0.00 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
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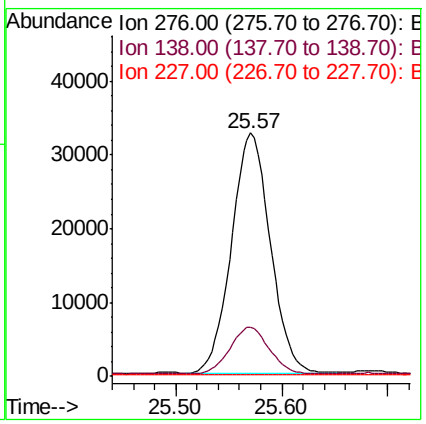
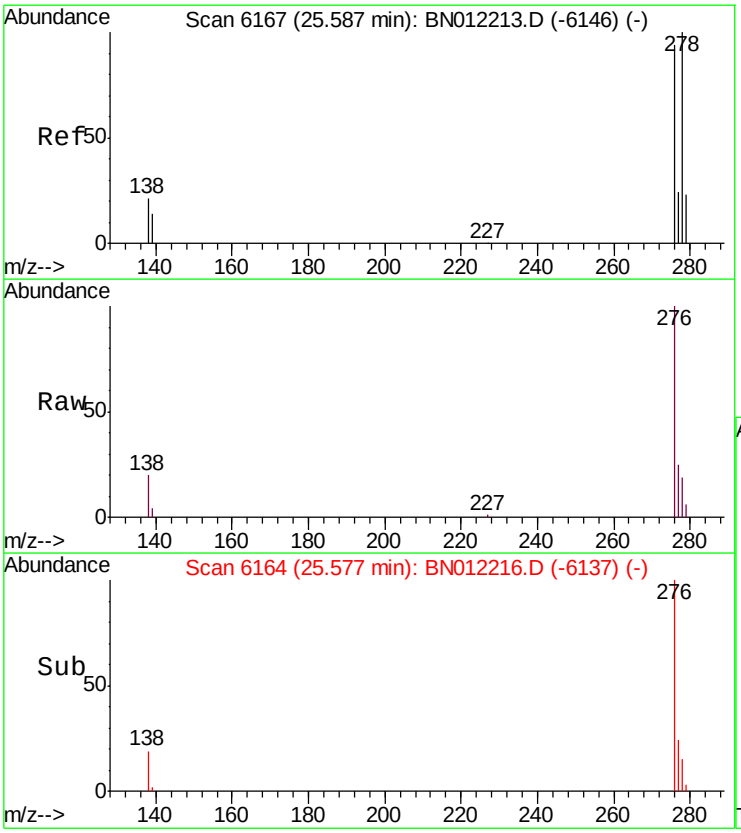
10/19/2020 1:18:53 PM

Tgt Ion:276 Resp: 82672

Ion	Ratio	Lower	Upper
276	100		
138	19.8	0.0	0.0#
227	0.1	0.0	0.0#

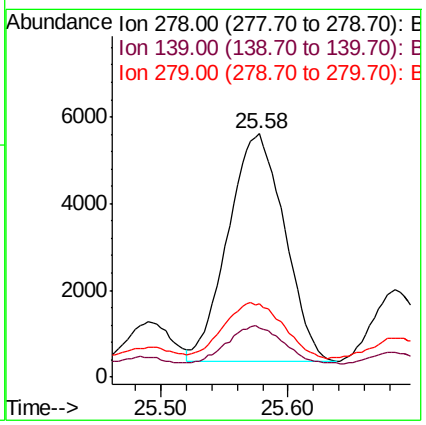


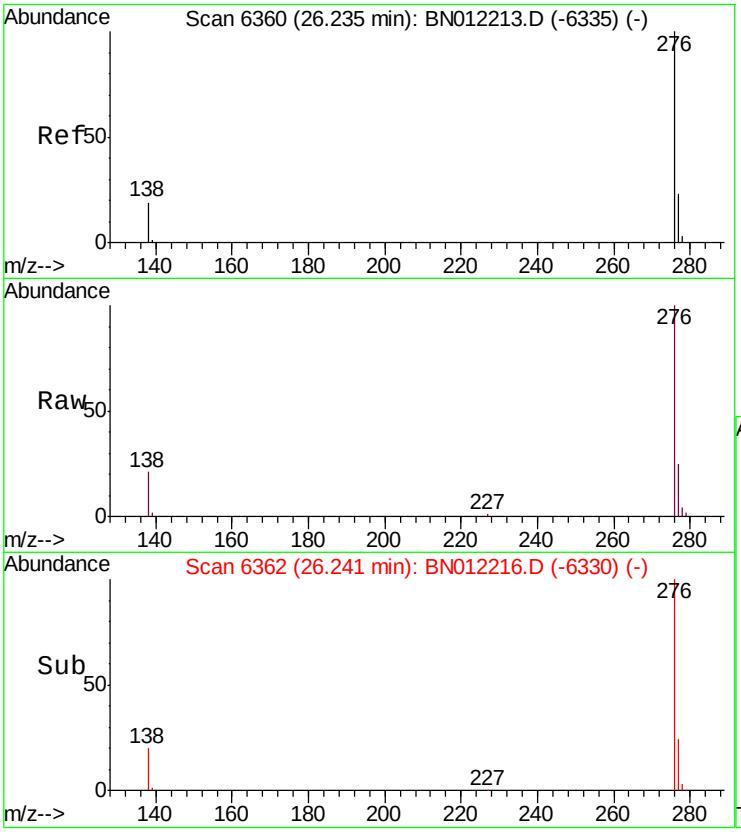


#25
Dibenzo(a,h)anthracene
Concen: 0.528 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.01 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:278 Resp: 16168

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.7	23.5
279	30.4	26.0	39.0

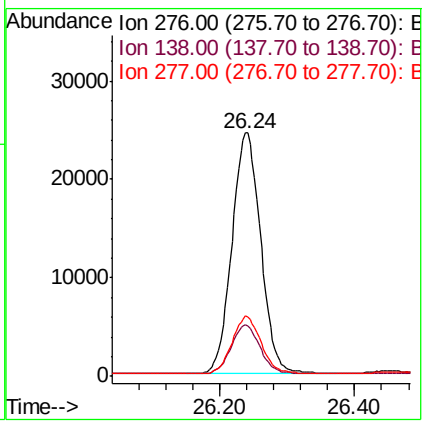




#26
Benzo(g,h,i)perylene
Concen: 2.080 ng/ul
RT: 26.24 min Scan# 6362
Delta R.T. 0.01 min
Lab File: BN012216.D
Acq: 15 Oct 2020 04:46

Tgt Ion:276 Resp: 72939

Ion	Ratio	Lower	Upper
276	100		
138	20.8	17.1	25.7
277	24.6	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AL6DL

Manual Integrations APPROVED
mohammad
10/19/2020 1:18:53 PM