Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101420\
Data File : BN012210.D
Acq On : 15 Oct 2020 00:32
Operator : CG/JU
Sample : L4166-10
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
mohammad
10/15/2020 8:21:16 AM

Quant Time: Oct 15 02:14:42 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 00:46:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	1222	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	4974	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	3005	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	6625m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	6349	0.40	ng/ul	0.00
20) Perylene-d12	23.39	264	6791	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	1768	0.24	ng/ul	0.00
14) Fluoranthene-d10	19.04	212	4649	0.26	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	7552	0.526	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	996	0.109	ng/ul	99
7) Acenaphthylene	13.98	152	2125	0.163	ng/ul#	88
8) Acenaphthene	14.32	153	35243	3.198	ng/ul	100
9) Fluorene	15.31	166	13045	1.064	ng/ul	100
12) Phenanthrene	17.05	178	26393	1.250	ng/ul	98
13) Anthracene	17.14	178	23166	1.279	ng/ul	99
15) Fluoranthene	19.07	202	150044	6.076	ng/ul	97
17) Pyrene	19.44	202	102380	3.577	ng/ul	99
18) Benzo(a)anthracene	21.19	228	35686	1.517	ng/ul	99
19) Chrysene	21.24	228	39401	1.375	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	37182m	1.356	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	13515m	0.445	ng/ul	
23) Benzo(a)pyrene	23.30	252	19506	0.731	ng/ul#	90
24) Indeno(1,2,3-cd)pyrene	25.57	276	10098	0.295	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.58	278	3026	0.110	ng/ul#	81
26) Benzo(g,h,i)perylene	26.24	276	8101	0.258	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 22 Sample Multiplier: 1

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Manual Integrations APPROVED
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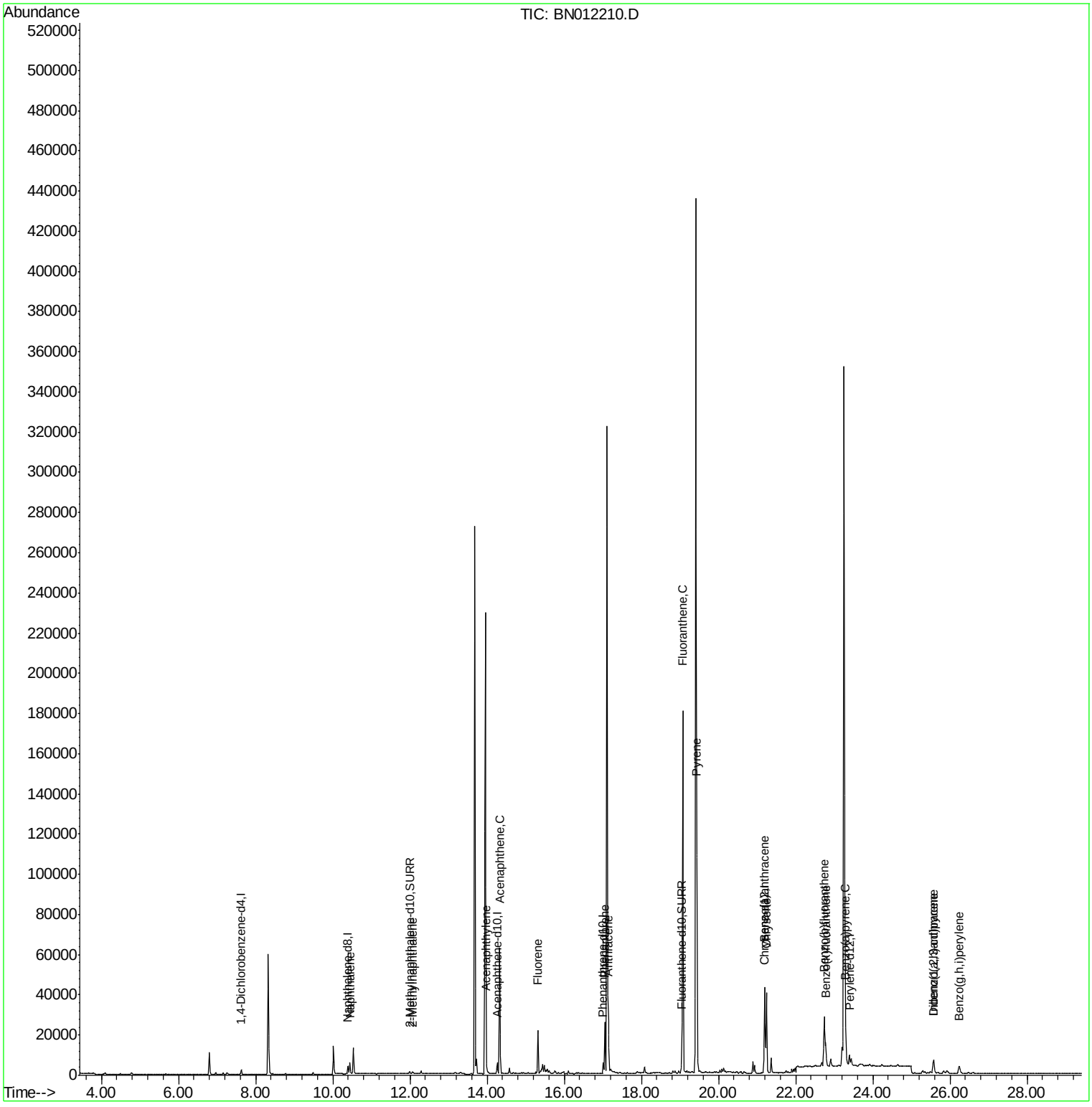
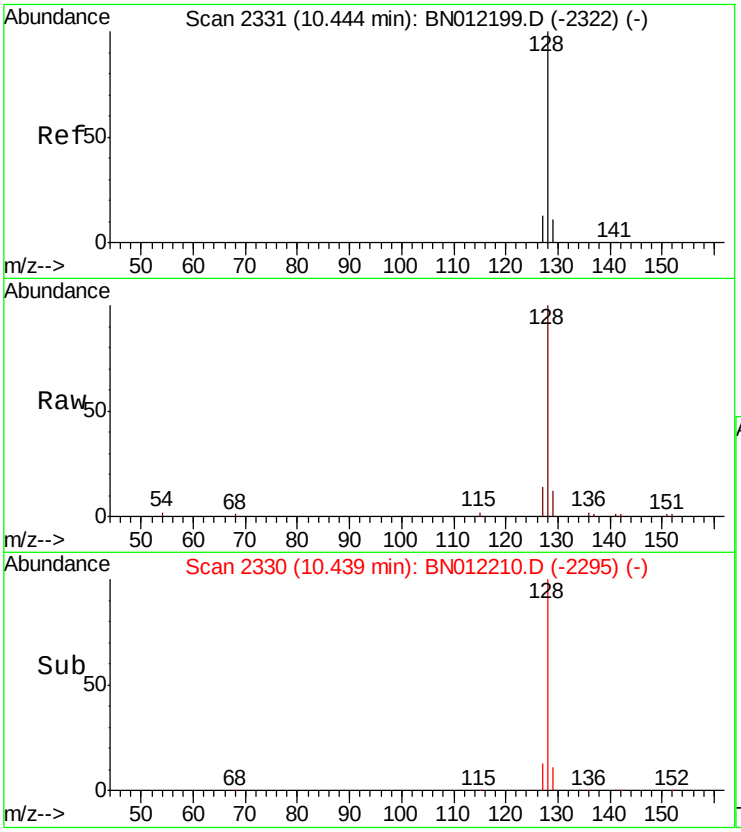
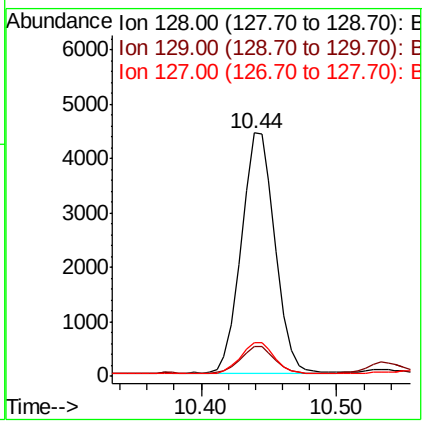




#3
Naphthalene
Concen: 0.526 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:128 Resp: 7552

Ion	Ratio	Lower	Upper
128	100		
129	12.1	10.3	15.5
127	14.0	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
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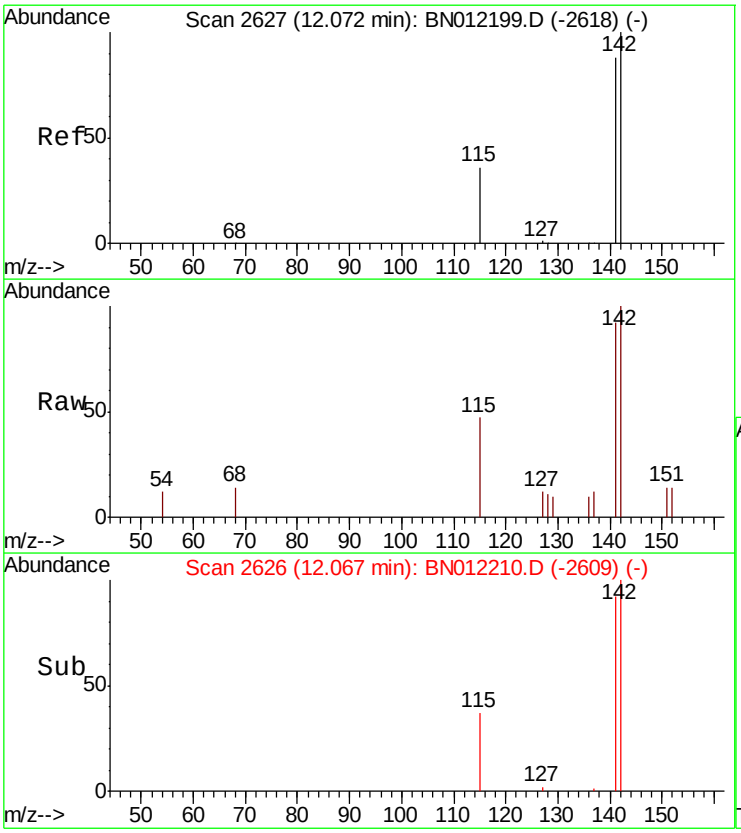
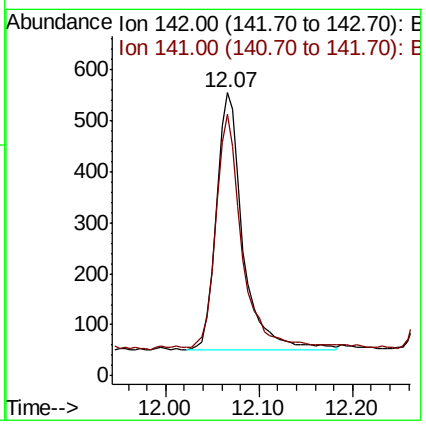
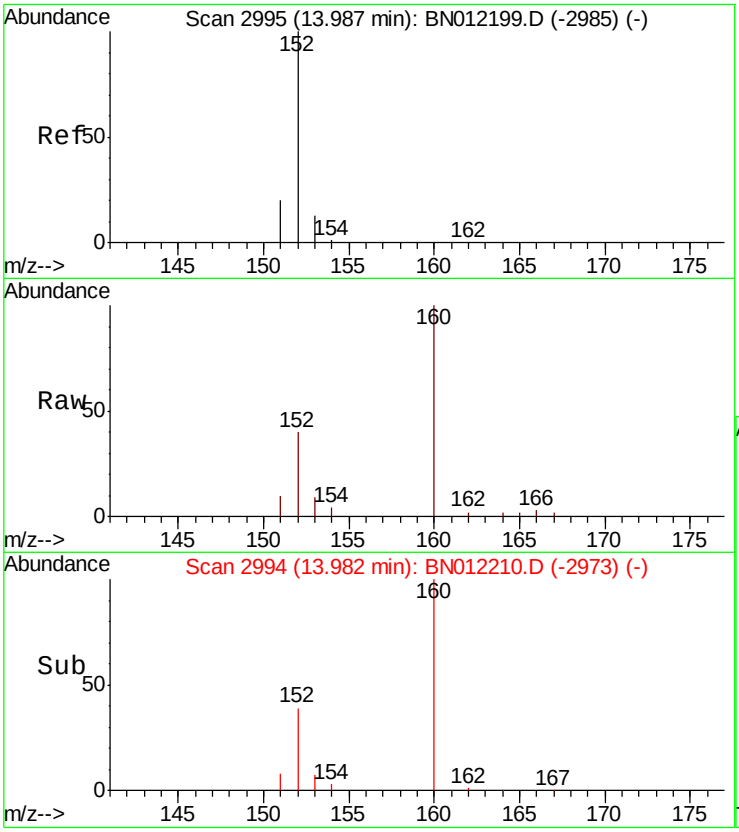


#5
2-Methylnaphthalene
Concen: 0.109 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:142 Resp: 996

Ion	Ratio	Lower	Upper
142	100		
141	88.4	71.7	107.5

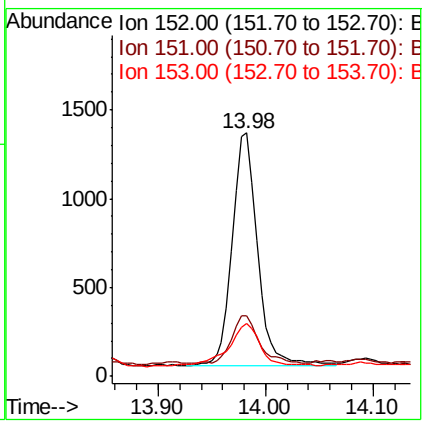




#7
Acenaphthylene
Concen: 0.163 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:152 Resp: 2125

Ion	Ratio	Lower	Upper
152	100		
151	25.1	16.7	25.1#
153	21.6	11.8	17.8#



Instrument :
BNA_N
ClientSampleId :
C0AE2

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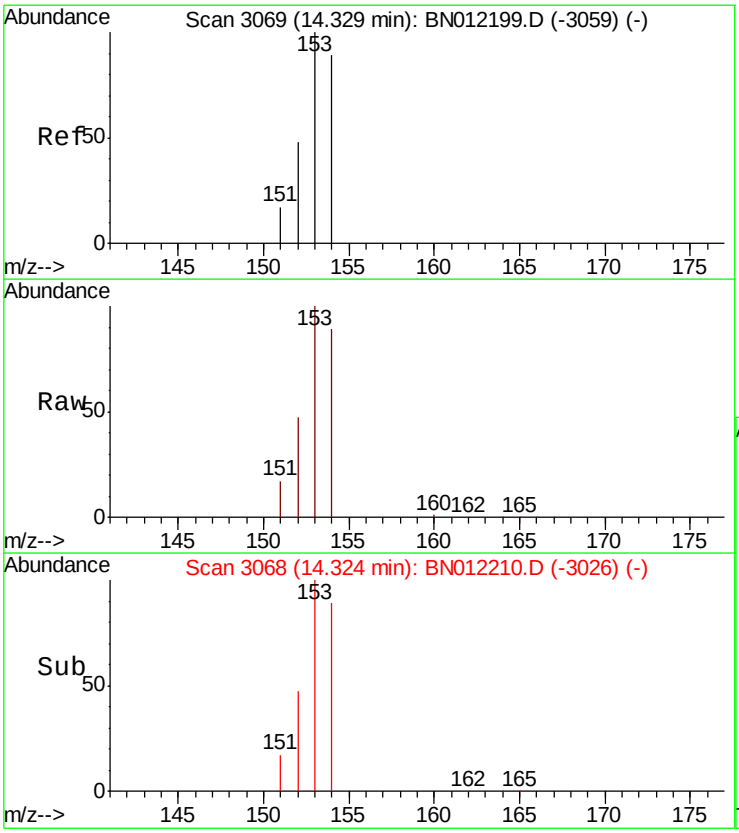
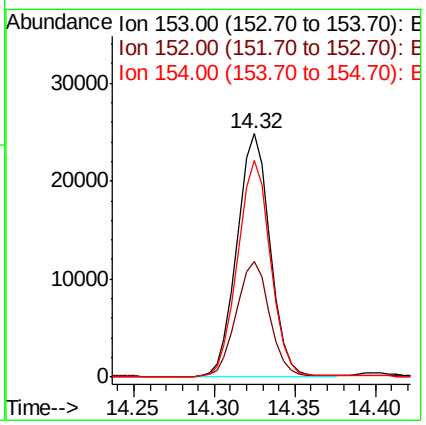
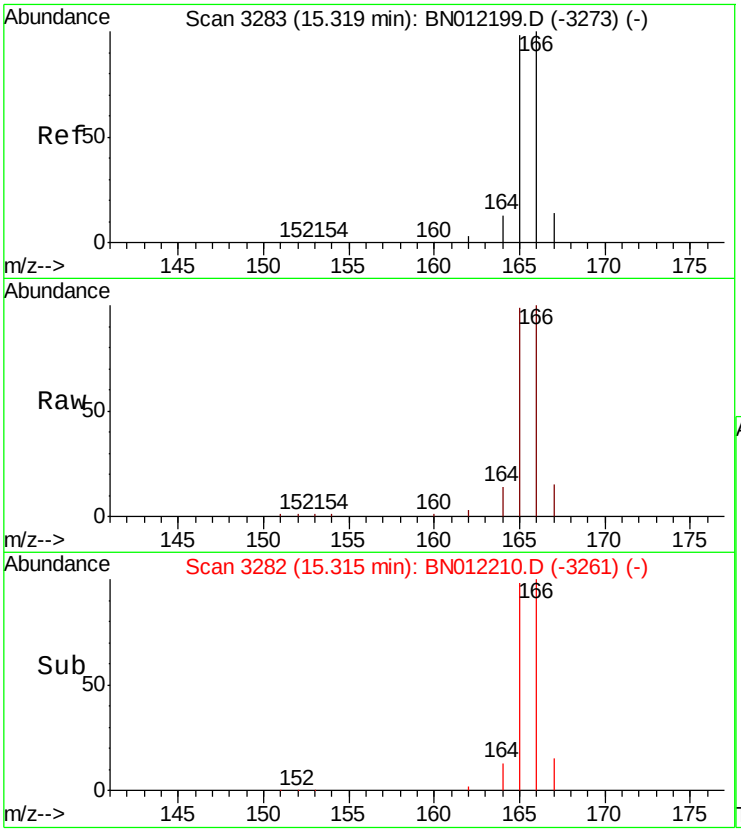


#8
Acenaphthene
Concen: 3.198 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:153 Resp: 35243

Ion	Ratio	Lower	Upper
153	100		
152	47.5	38.2	57.2
154	89.2	71.1	106.7

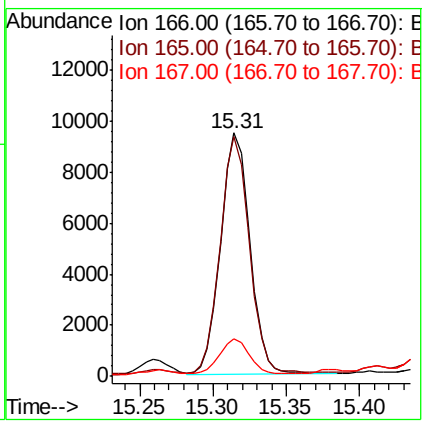




#9
Fluorene
Concen: 1.064 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:166 Resp: 13045

Ion	Ratio	Lower	Upper
166	100		
165	98.6	78.6	118.0
167	15.2	11.9	17.9



Instrument :
BNA_N
ClientSampleId :
C0AE2

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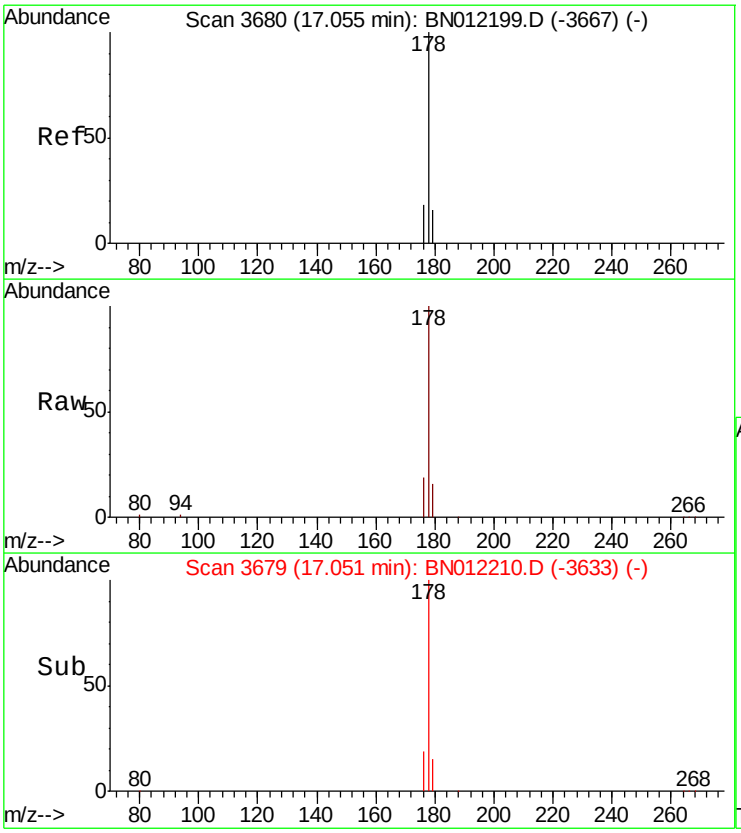
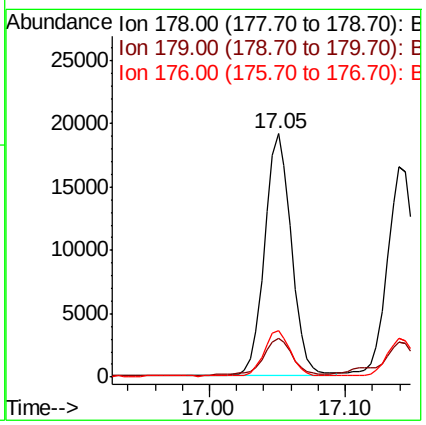
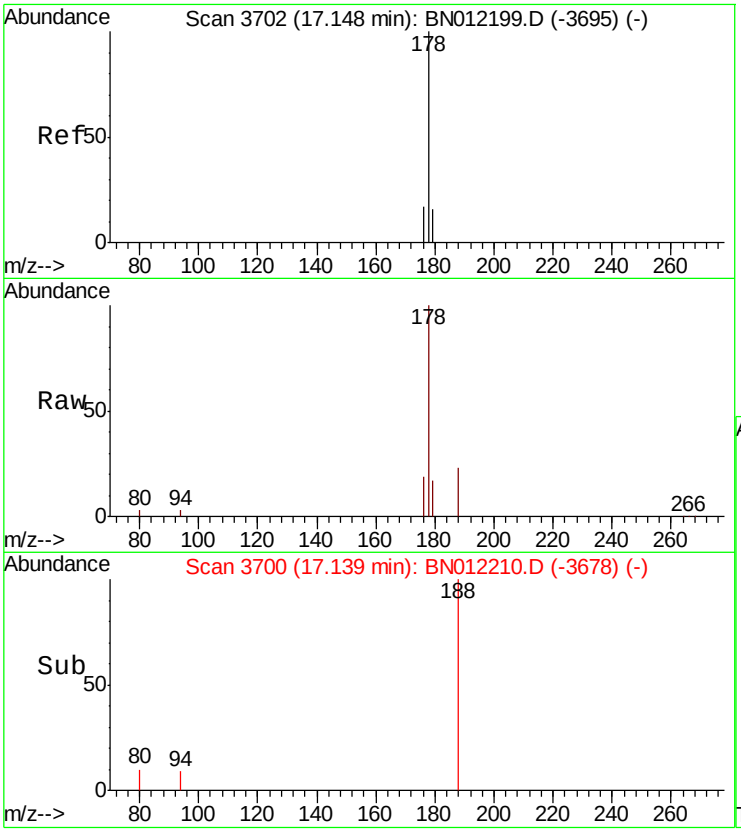


#12
Phenanthrene
Concen: 1.250 ng/ul
RT: 17.05 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:178 Resp: 26393

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.4	20.2
176	18.9	15.7	23.5

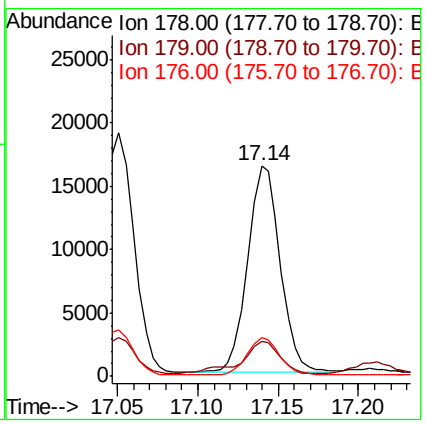




#13
Anthracene
Concen: 1.279 ng/ul
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:178 Resp: 23166

Ion	Ratio	Lower	Upper
178	100		
179	16.6	13.9	20.9
176	18.7	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
C0AE2

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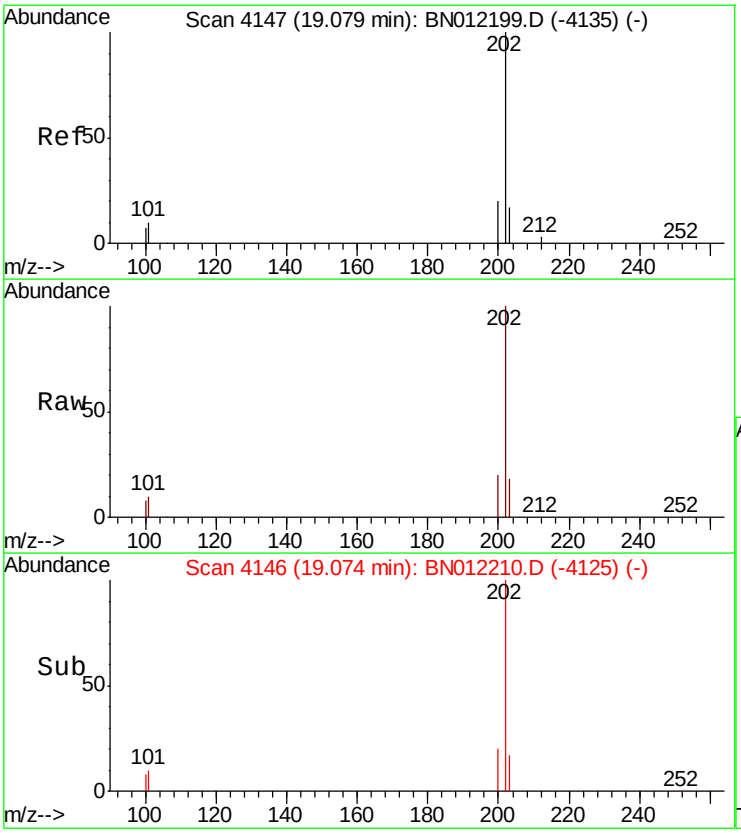
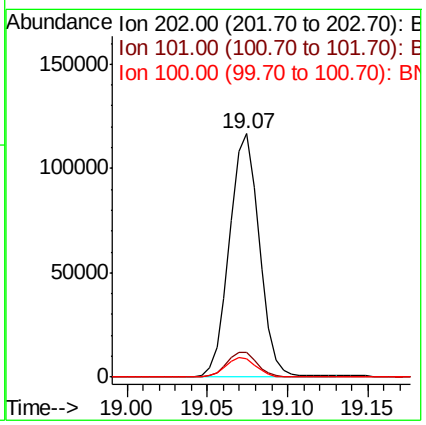
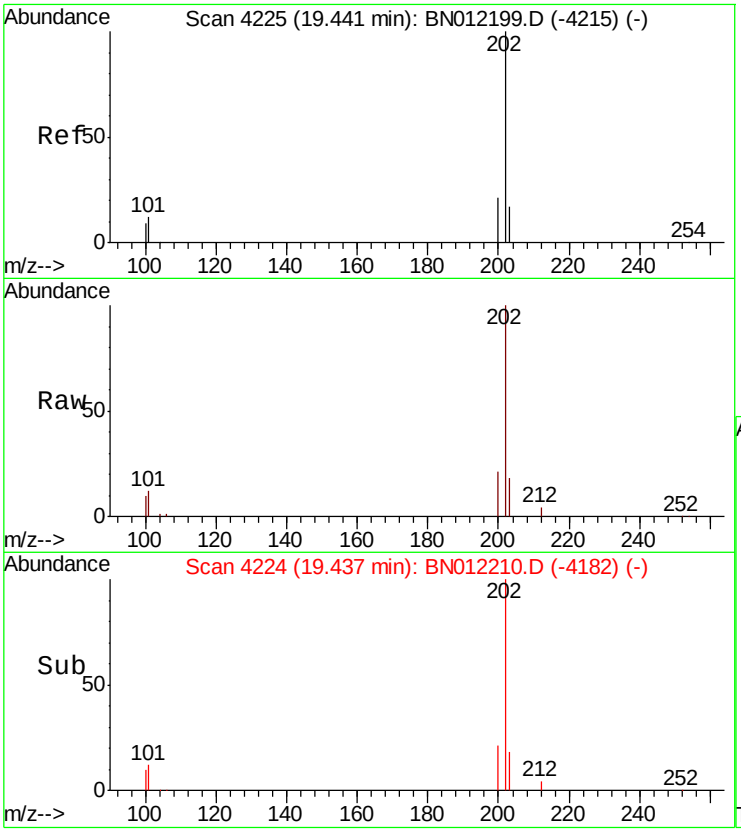


#15
Fluoranthene
Concen: 6.076 ng/ul
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:202 Resp: 150044

Ion	Ratio	Lower	Upper
202	100		
101	10.1	0.0	31.0
100	7.6	0.0	28.7





#17
Pyrene
Concen: 3.577 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:202 Resp: 102380

Ion	Ratio	Lower	Upper
202	100		
101	12.0	9.9	14.9
100	10.0	8.0	12.0

Instrument :
BNA_N
ClientSampleId :
C0AE2

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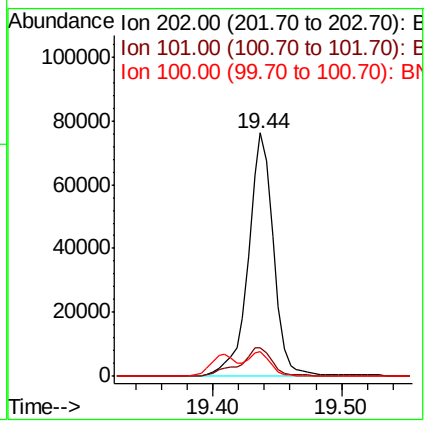
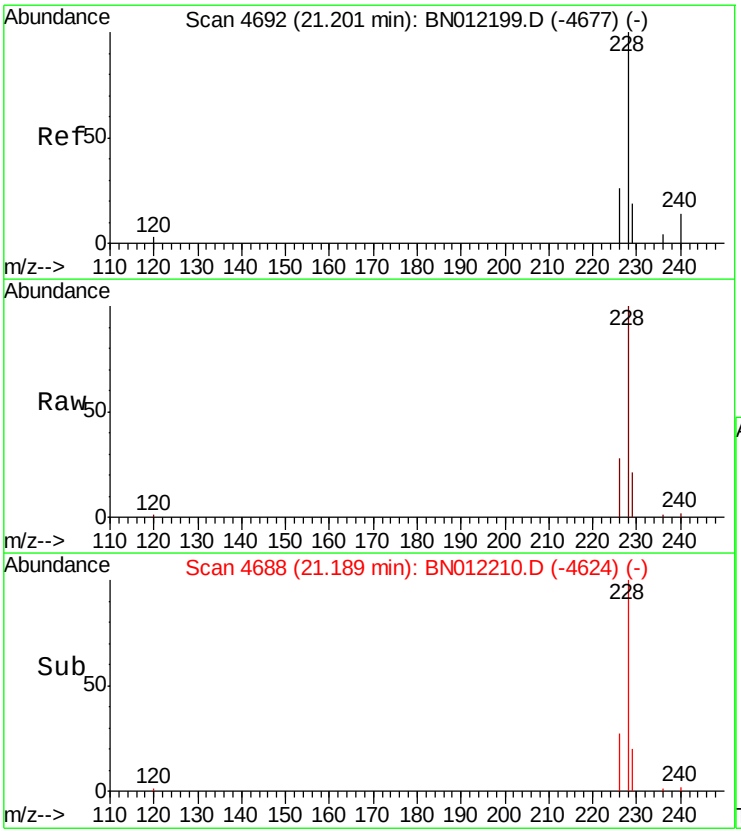
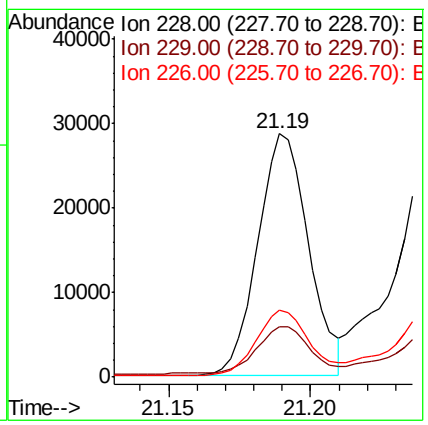


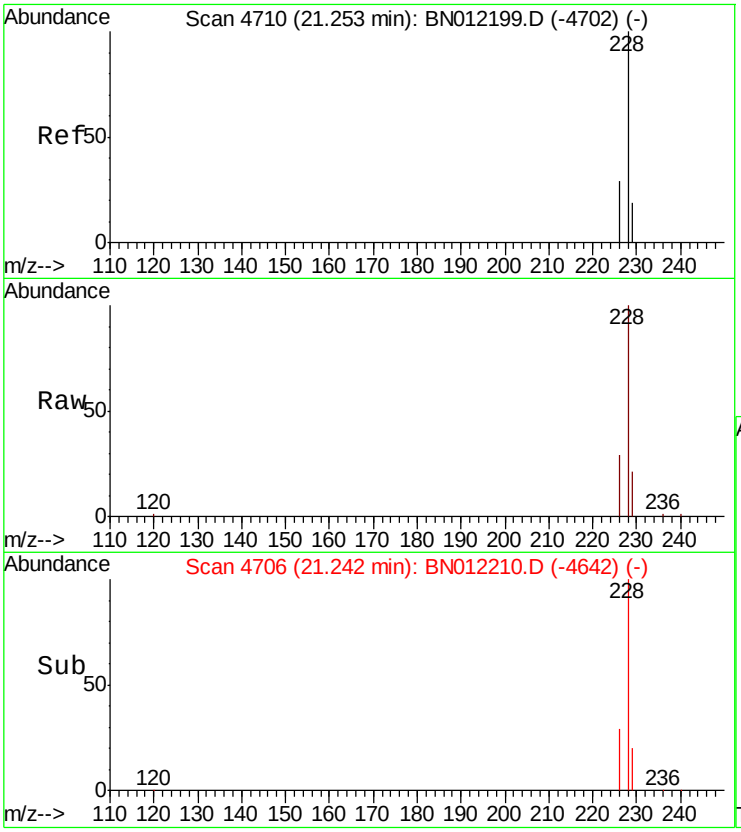


#18
Benzo(a)anthracene
Concen: 1.517 ng/ul
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:228 Resp: 35686

Ion	Ratio	Lower	Upper
228	100		
229	20.8	15.8	23.8
226	27.7	22.6	33.8

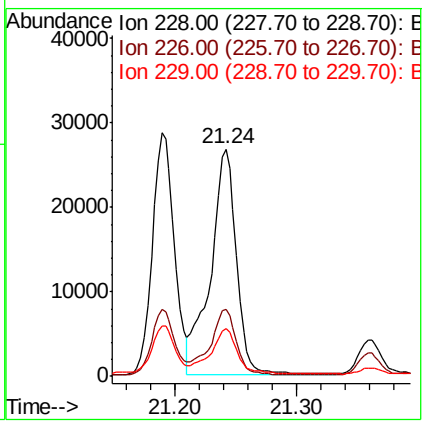




#19
Chrysene
Concen: 1.375 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:228 Resp: 39401

Ion	Ratio	Lower	Upper
228	100		
226	29.2	24.6	37.0
229	20.8	17.0	25.6



Instrument :
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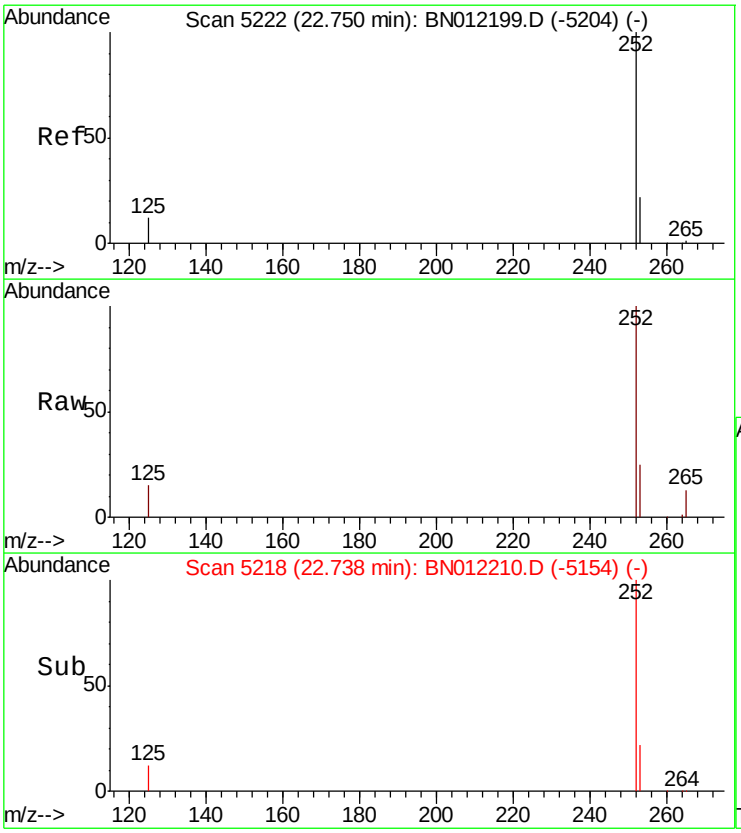
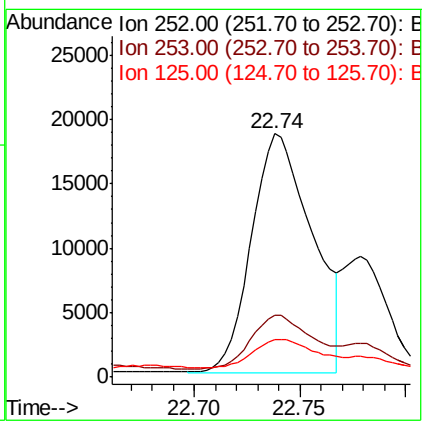
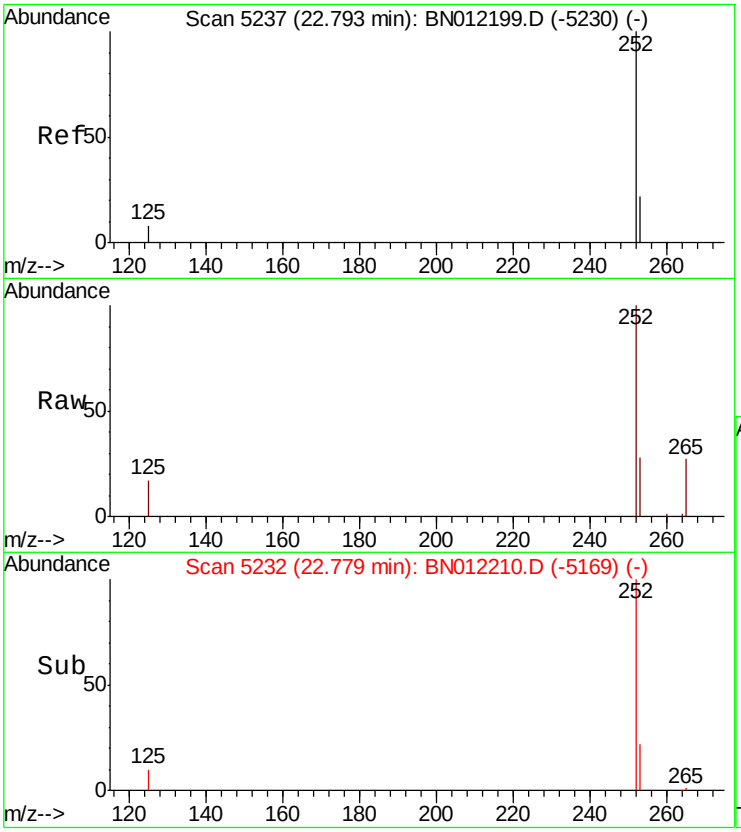


#21
Benzo(b)fluoranthene
Concen: 1.356 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:252 Resp: 37182

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	61.6
125	15.3	0.0	36.8

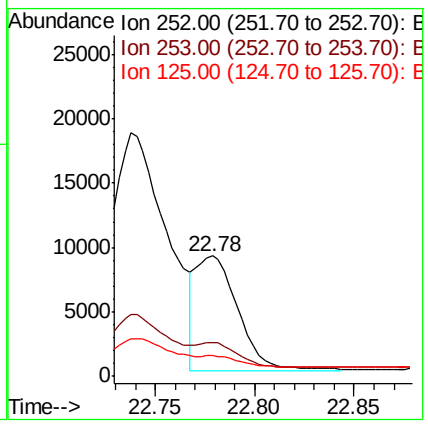




#22
Benzo(k)fluoranthene
Concen: 0.445 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:252 Resp: 13515

Ion	Ratio	Lower	Upper
252	100		
253	27.7	24.4	36.6
125	17.0	12.9	19.3



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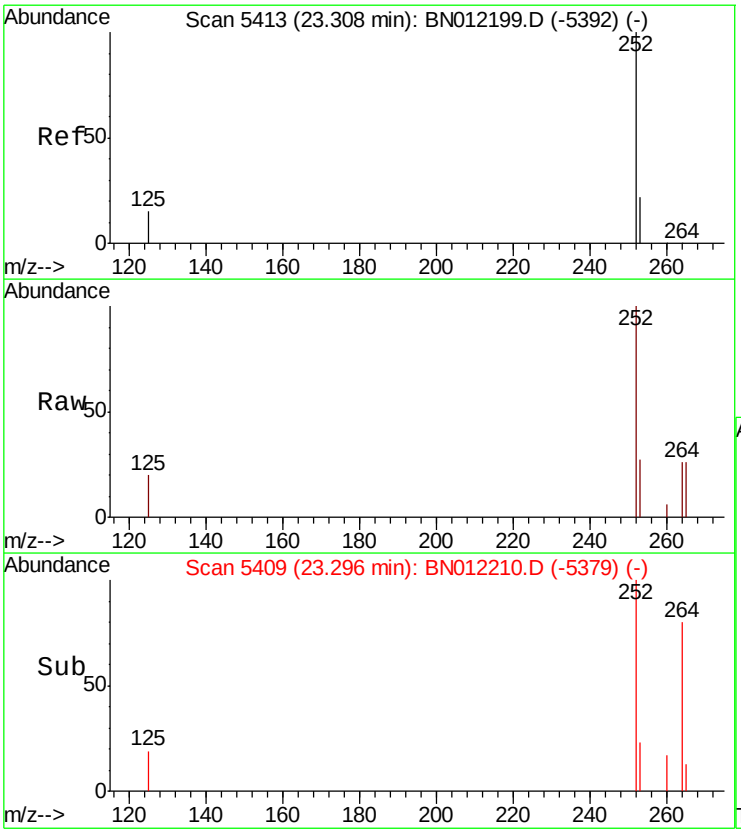
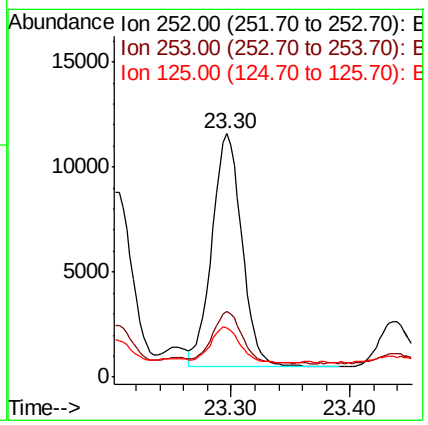
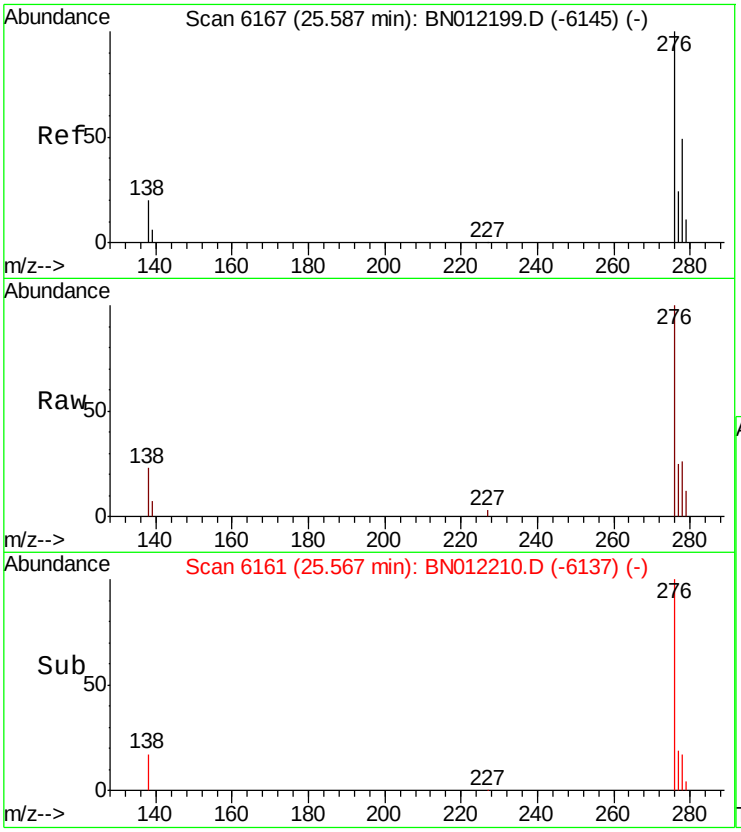


#23
Benzo(a)pyrene
Concen: 0.731 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.01 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:252 Resp: 19506

Ion	Ratio	Lower	Upper
252	100		
253	27.0	27.0	40.4#
125	20.2	18.8	28.2





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.295 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.02 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:276 Resp: 10098

Ion	Ratio	Lower	Upper
276	100		
138	20.2	0.0	0.0#
227	0.1	0.0	0.0#

Instrument :
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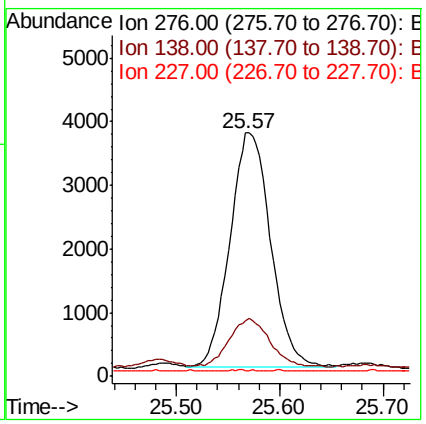
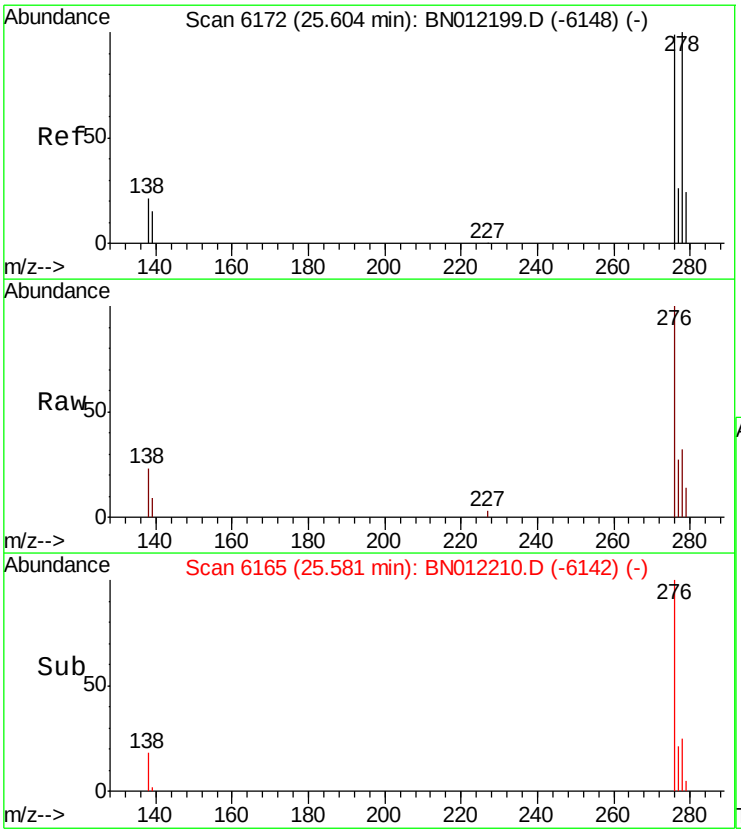
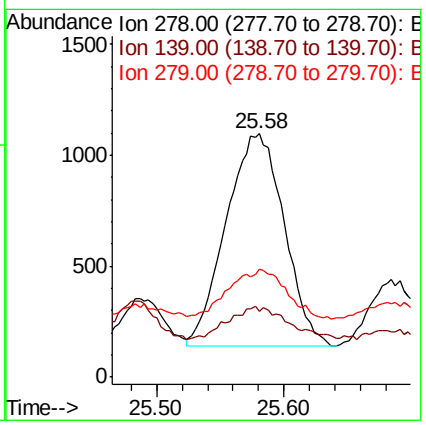


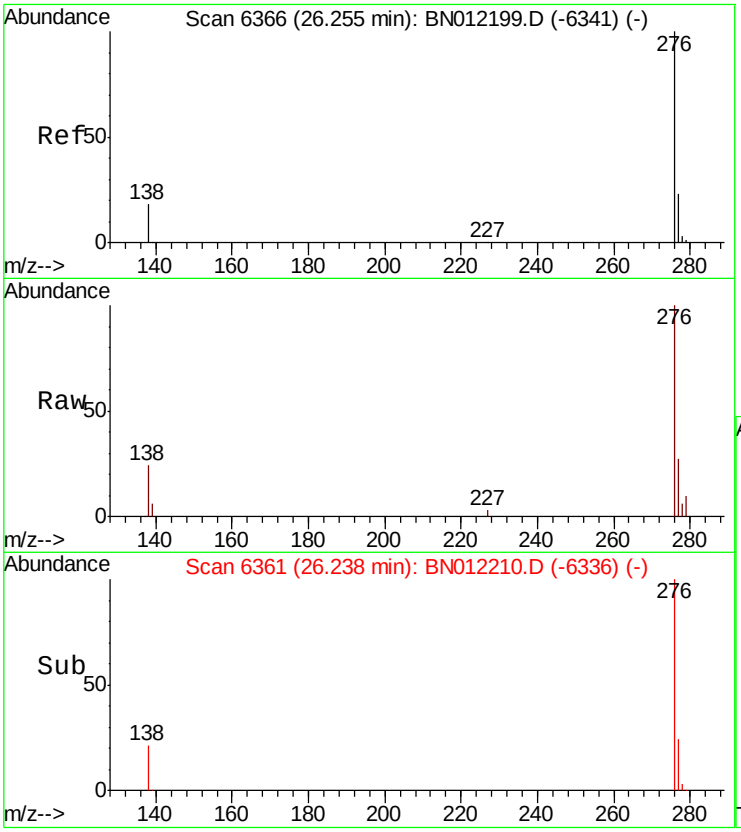


#25
Dibenzo(a,h)anthracene
Concen: 0.110 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:278 Resp: 3026

Ion	Ratio	Lower	Upper
278	100		
139	27.1	15.7	23.5#
279	44.1	26.0	39.0#

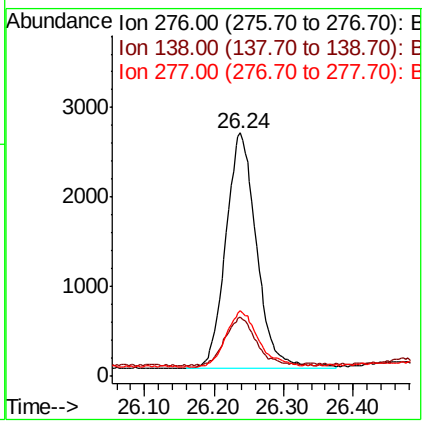




#26
Benzo(g,h,i)perylene
Concen: 0.258 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.02 min
Lab File: BN012210.D
Acq: 15 Oct 2020 00:32

Tgt Ion:276 Resp: 8101

Ion	Ratio	Lower	Upper
276	100		
138	24.5	17.1	25.7
277	26.9	21.1	31.7



Instrument :
BNA_N
ClientSampleId :
C0AE2

Manual Integrations APPROVED
mohammad
10/15/2020 8:21:16 AM