Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101920\
Data File : BN012371.D
Acq On : 20 Oct 2020 03:37
Operator : CG/JU
Sample : L4326-01DL 5X
Misc :
ALS Vial : 28 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : JLX60DL

Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM

Quant Time: Oct 20 08:36:51 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 : Tue Oct 20 08:18:15 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1254	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	5316	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	2991	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.98	188	6057	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	5232	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	5327	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	335	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	700	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1572	0.102	ng/ul#	91
5) 2-Methylnaphthalene	12.04	142	262	0.027	ng/ul	98
7) Acenaphthylene	13.95	152	15710	1.211	ng/ul	99
8) Acenaphthene	14.30	153	4909	0.448	ng/ul	99
9) Fluorene	15.29	166	3612	0.296	ng/ul#	96
12) Phenanthrene	17.03	178	24167	1.252	ng/ul	99
13) Anthracene	17.11	178	15122	0.913	ng/ul	99
15) Fluoranthene	19.05	202	145180	6.430	ng/ul	98
17) Pyrene	19.41	202	196414	8.326	ng/ul	99
18) Benzo(a)anthracene	21.17	228	71279m	3.678	ng/ul	
19) Chrysene	21.22	228	83513	3.537	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	103563m	4.813	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	36459m	1.531	ng/ul	
23) Benzo(a)pyrene	23.26	252	98460	4.704	ng/ul#	81
24) Indeno(1,2,3-cd)pyrene	25.52	276	69522	2.585	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.52	278	11497	0.534	ng/ul	97
26) Benzo(g,h,i)perylene	26.18	276	67064	2.721	ng/ul	97

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

Quantitation Report (QT Reviewed)

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Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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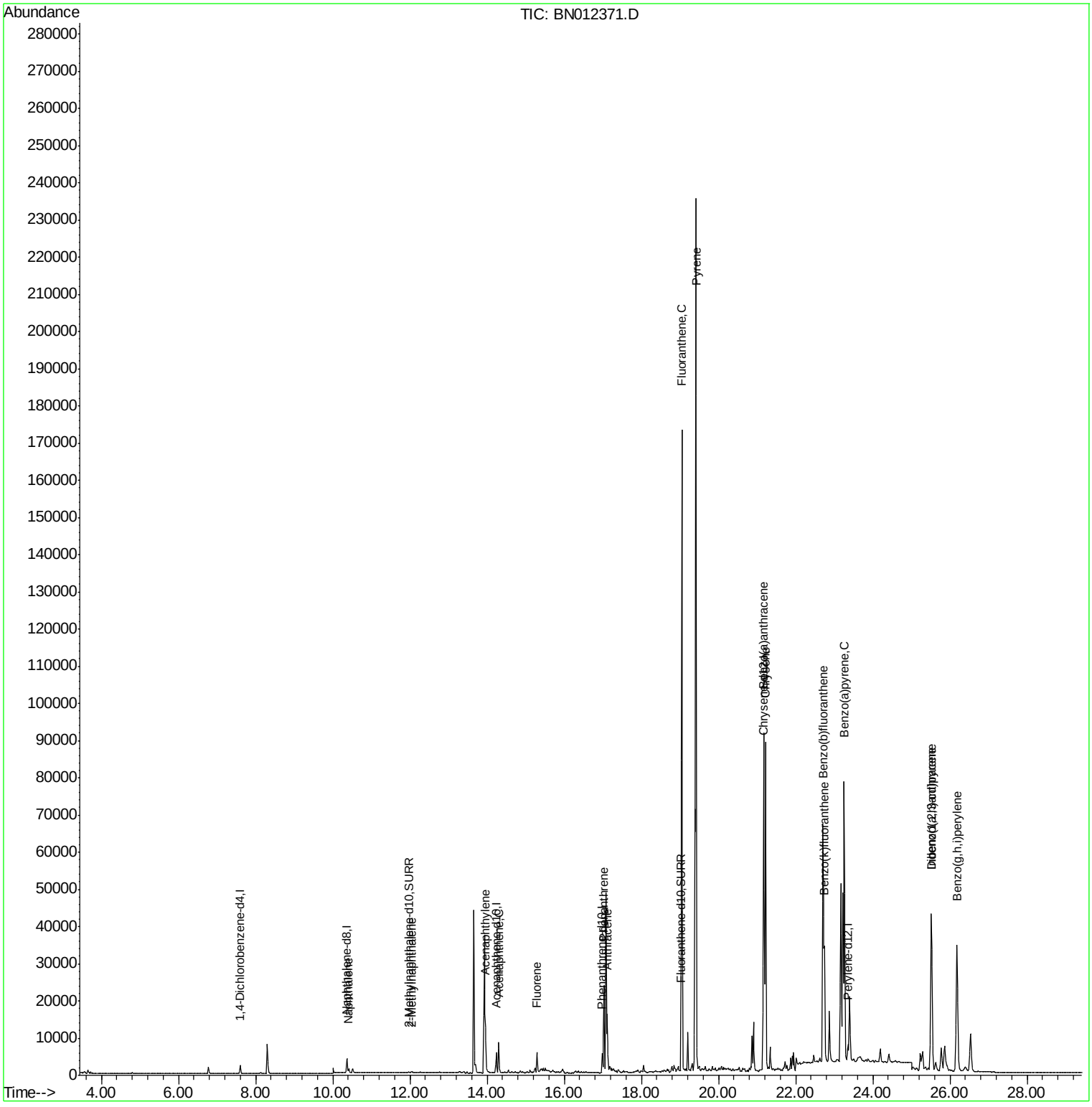

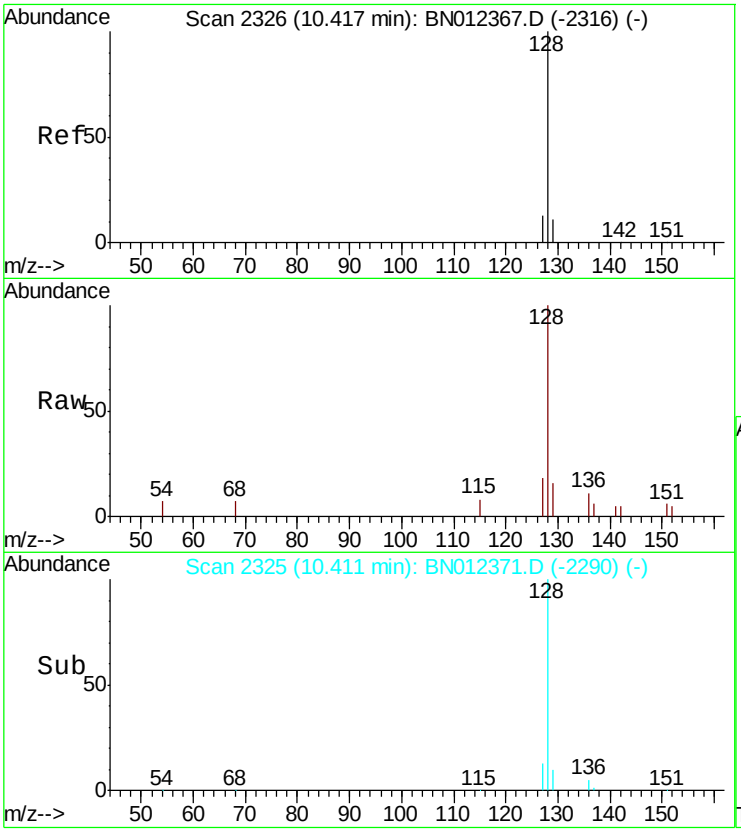

#3
Naphthalene
Concen: 0.102 ng/ul
RT: 10.41 min Scan# 2325
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:128 Resp: 1572

Ion	Ratio	Lower	Upper
128	100		
129	16.3	9.8	14.6#
127	17.8	11.4	17.2#

Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
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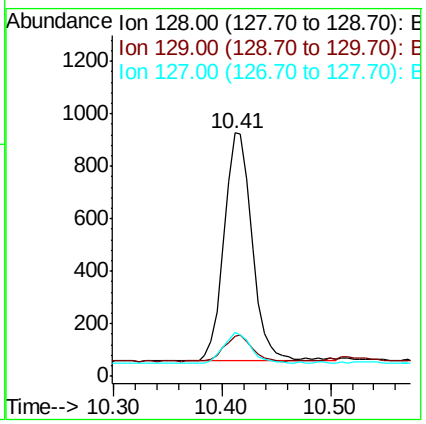
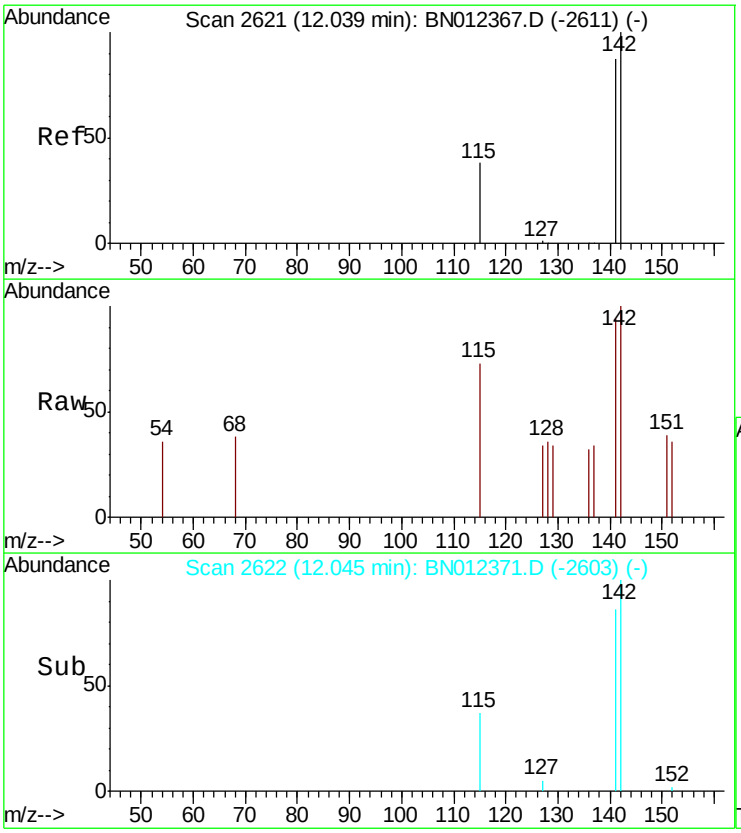
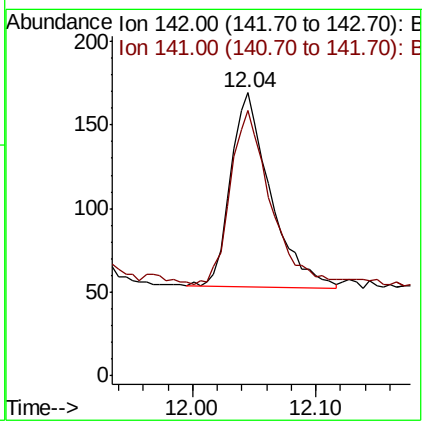


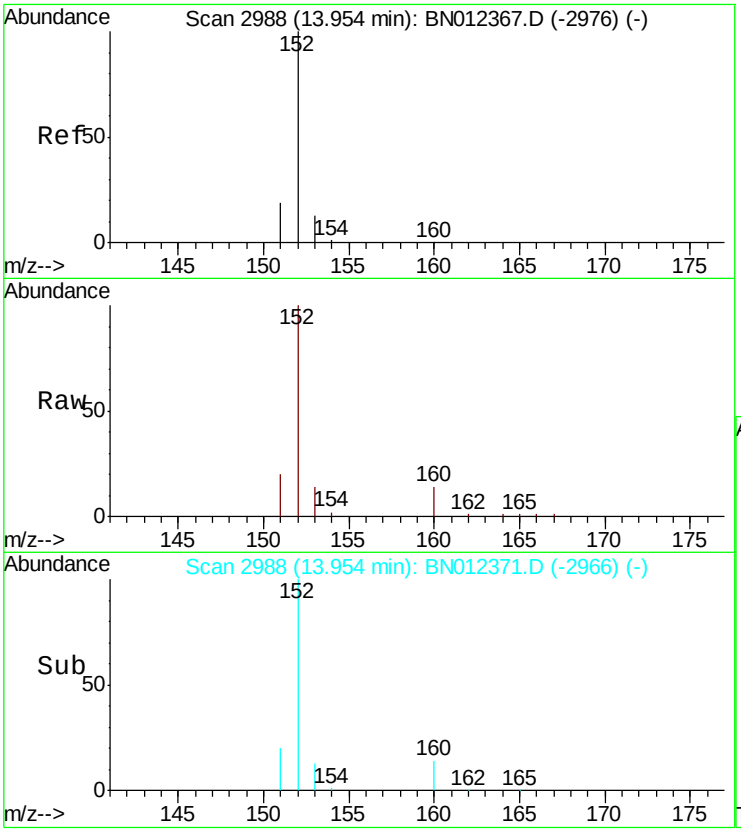


#5
2-Methylnaphthalene
Concen: 0.027 ng/ul
RT: 12.04 min Scan# 2622
Delta R.T. 0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:142 Resp: 262

Ion	Ratio	Lower	Upper
142	100		
141	90.1	70.8	106.2





#7
Acenaphthylene
Concen: 1.211 ng/ul
RT: 13.95 min Scan# 2988
Delta R.T. 0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:152 Resp: 15710

Ion	Ratio	Lower	Upper
152	100		
151	20.2	16.6	24.8
153	14.0	11.4	17.0

Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
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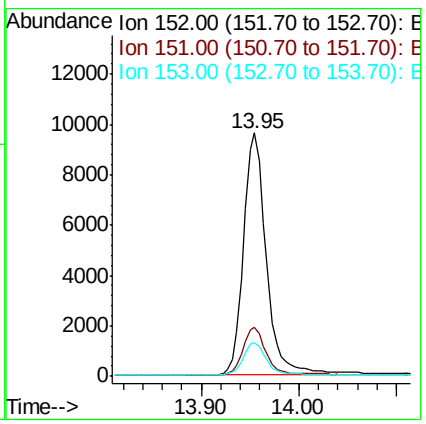
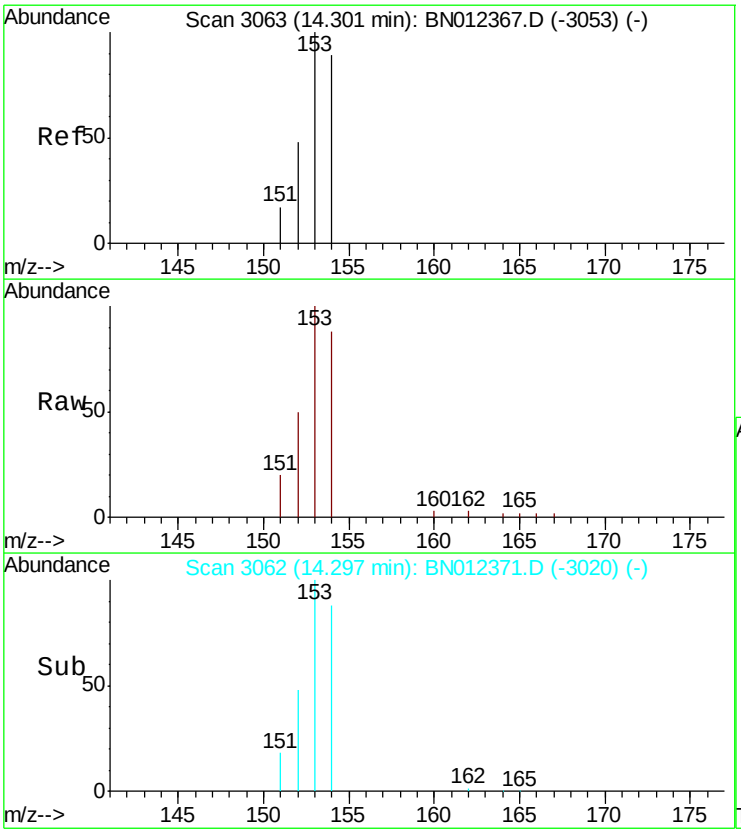
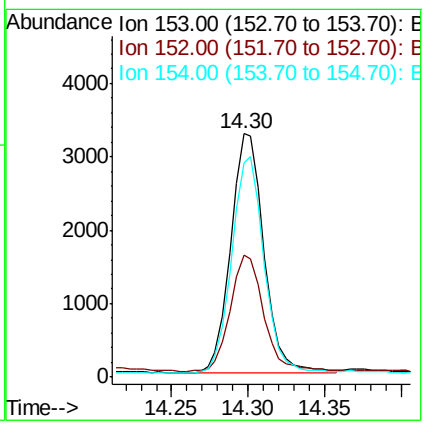


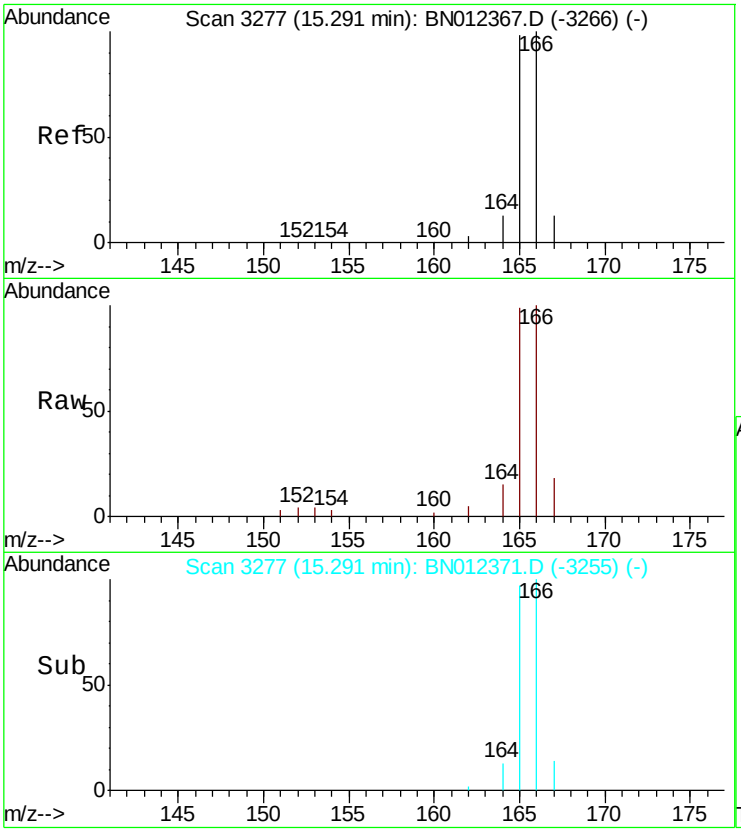


#8
Acenaphthene
Concen: 0.448 ng/ul
RT: 14.30 min Scan# 3062
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:153 Resp: 4909

Ion	Ratio	Lower	Upper
153	100		
152	50.0	38.5	57.7
154	87.8	70.7	106.1

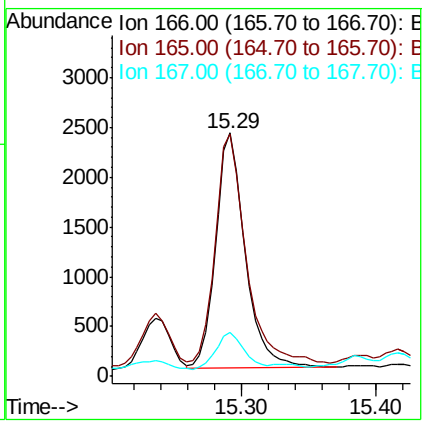




#9
Fluorene
Concen: 0.296 ng/ul
RT: 15.29 min Scan# 3277
Delta R.T. 0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:166 Resp: 3612

Ion	Ratio	Lower	Upper
166	100		
165	99.3	76.3	114.5
167	18.0	12.0	18.0#



Instrument :
BNA_N
ClientSampleId :
JLX60DL

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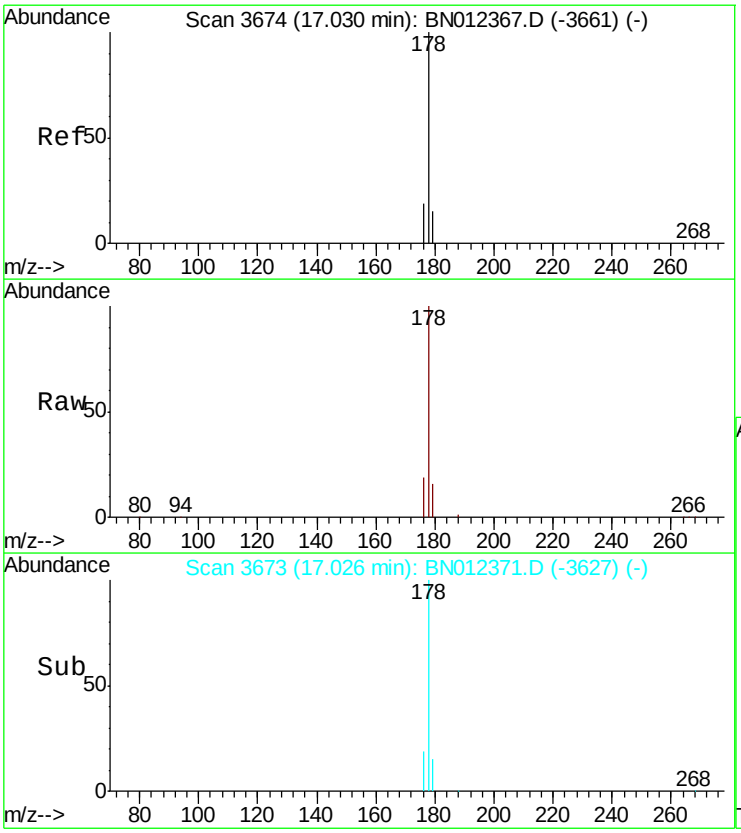
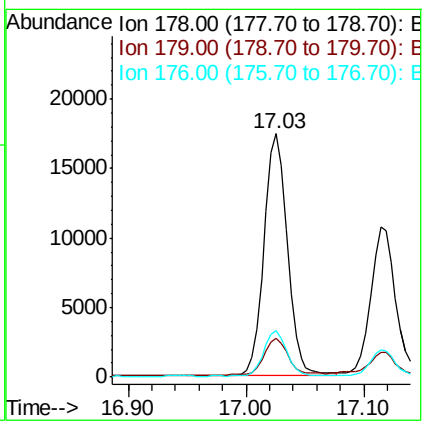
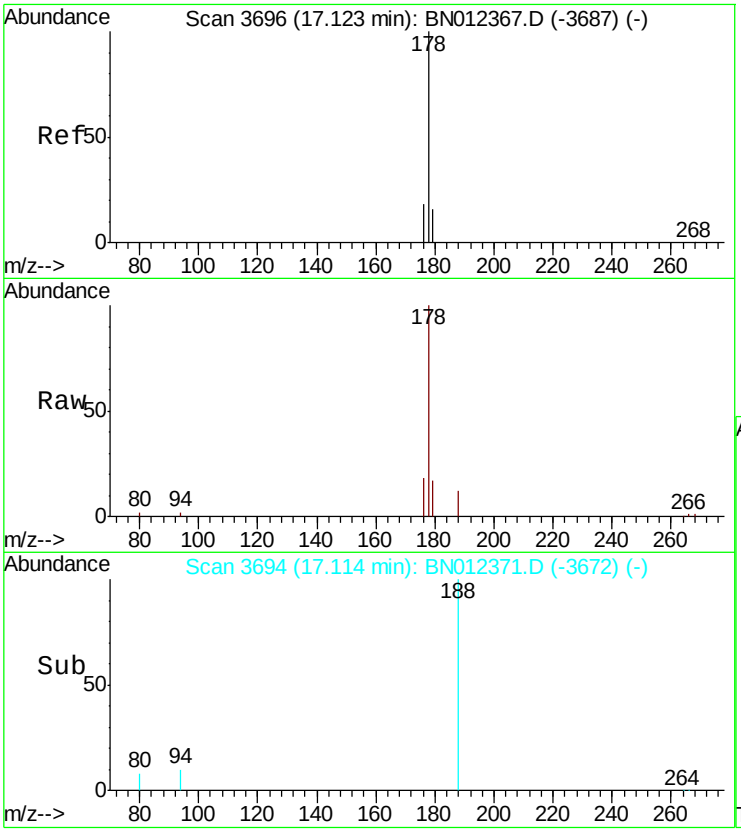


#12
Phenanthrene
Concen: 1.252 ng/ul
RT: 17.03 min Scan# 3673
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:178 Resp: 24167

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.1	19.7
176	19.0	15.8	23.8

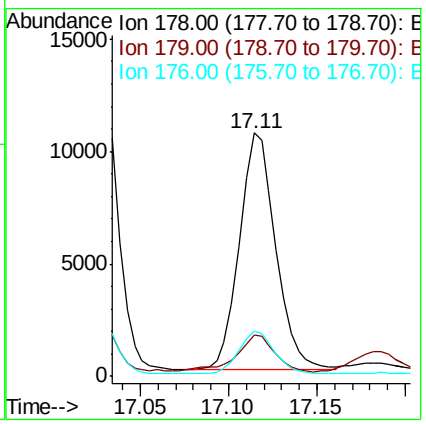




#13
Anthracene
Concen: 0.913 ng/ul
RT: 17.11 min Scan# 3694
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:178 Resp: 15122

Ion	Ratio	Lower	Upper
178	100		
179	16.8	13.1	19.7
176	18.5	15.4	23.2



Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
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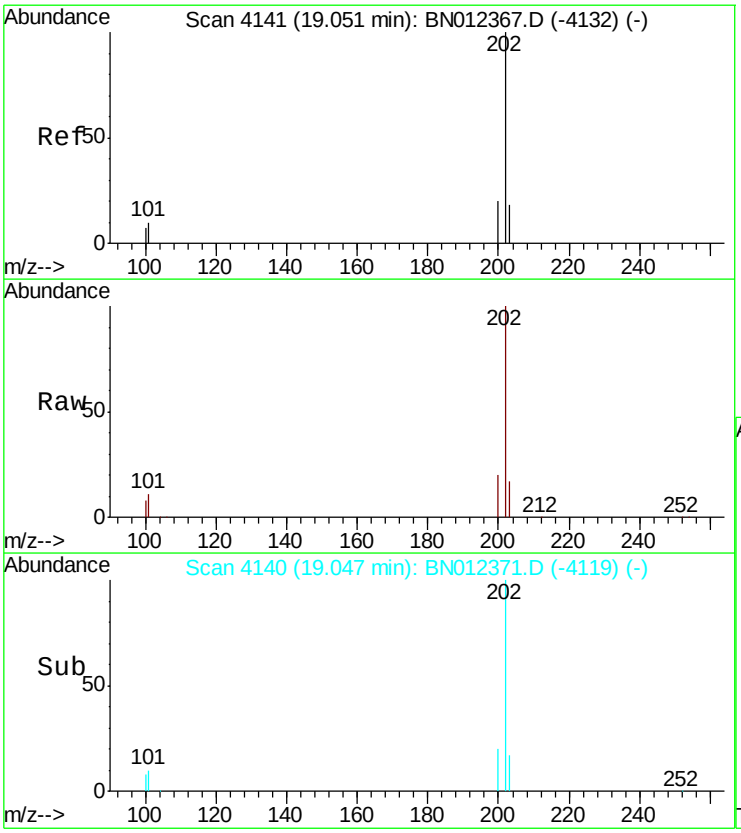
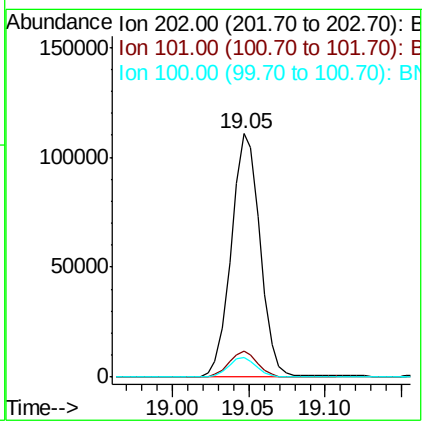
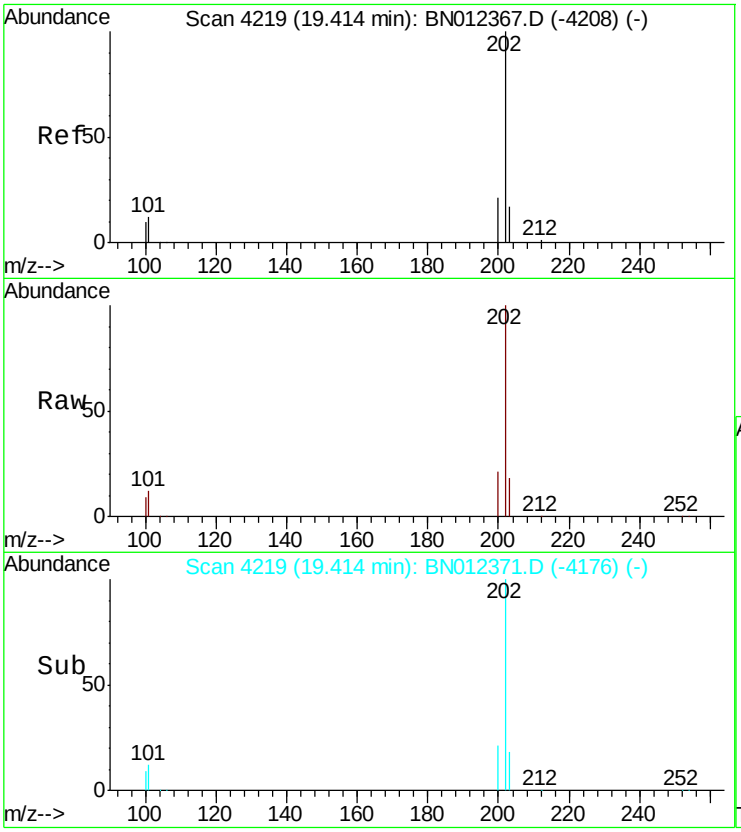


#15
Fluoranthene
Concen: 6.430 ng/ul
RT: 19.05 min Scan# 4140
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:202 Resp: 145180

Ion	Ratio	Lower	Upper
202	100		
101	10.6	0.0	31.1
100	8.1	0.0	28.7





#17
Pyrene
Concen: 8.326 ng/ul
RT: 19.41 min Scan# 4219
Delta R.T. 0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:202 Resp: 196414

Ion	Ratio	Lower	Upper
202	100		
101	11.7	9.6	14.4
100	9.4	7.8	11.8

Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
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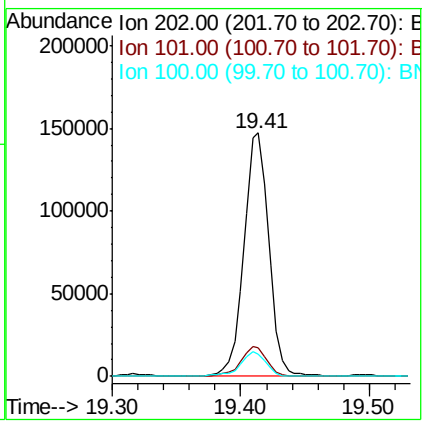
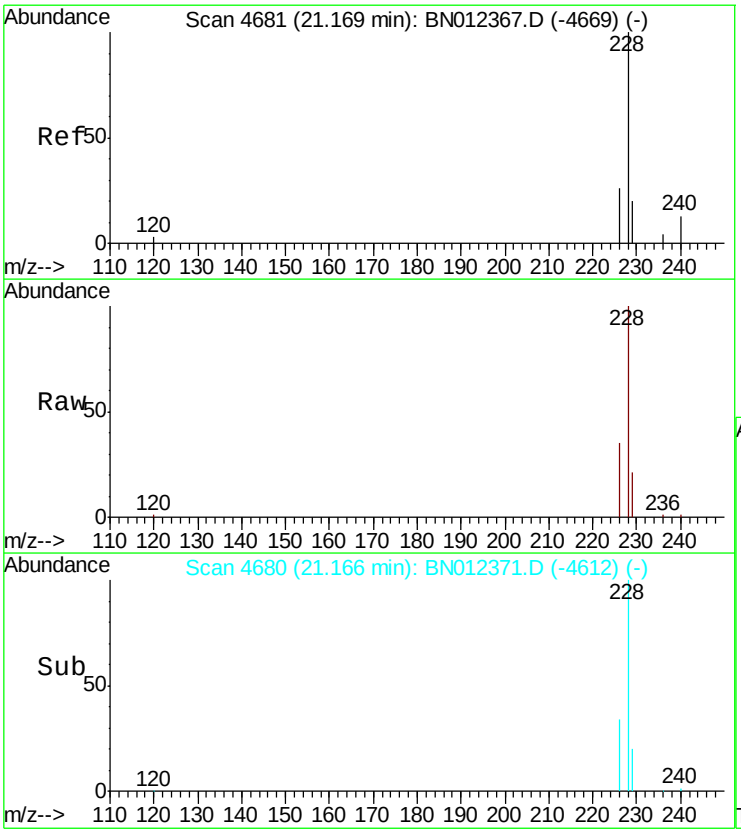
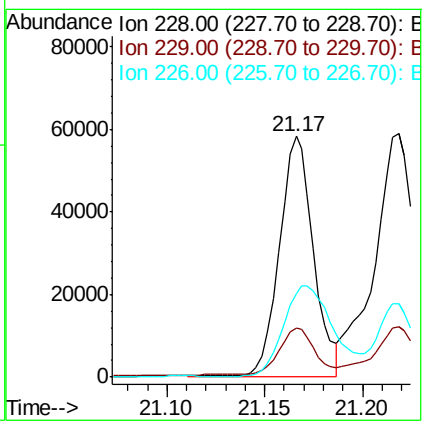


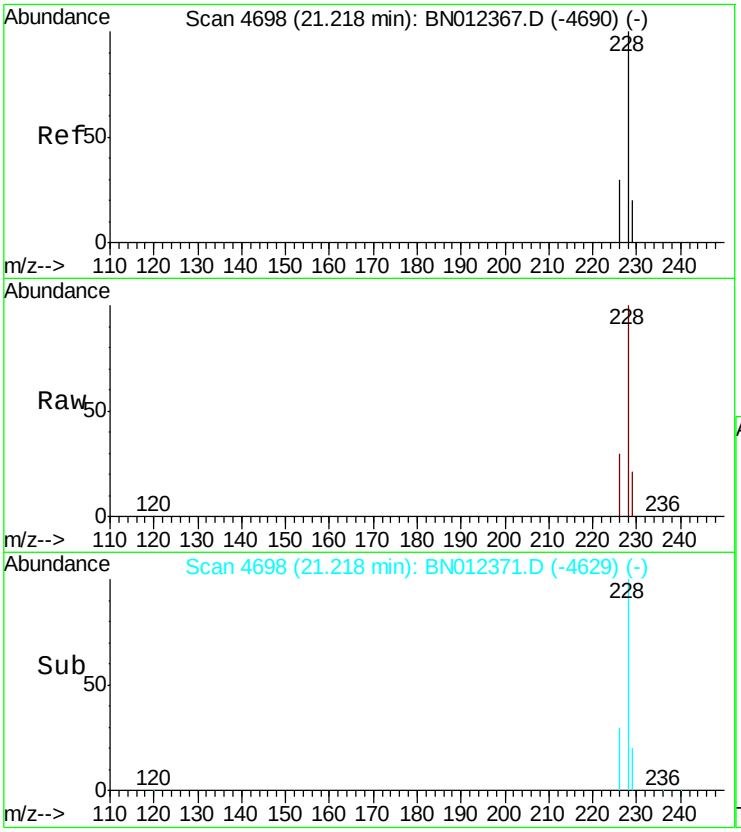


#18
Benzo(a)anthracene
Concen: 3.678 ng/ul m
RT: 21.17 min Scan# 4680
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:228 Resp: 71279

Ion	Ratio	Lower	Upper
228	100		
229	20.6	16.2	24.4
226	34.8	21.2	31.8#

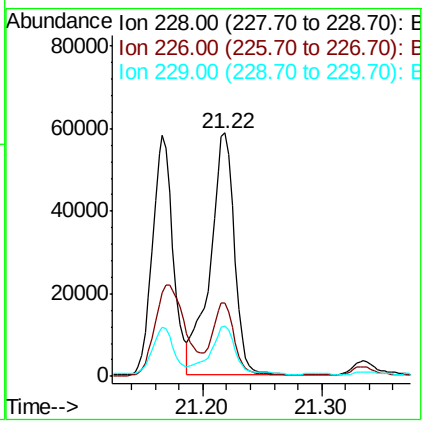




#19
Chrysene
Concen: 3.537 ng/ul
RT: 21.22 min Scan# 4698
Delta R.T. 0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:228 Resp: 83513

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.8	35.6
229	20.8	15.8	23.8



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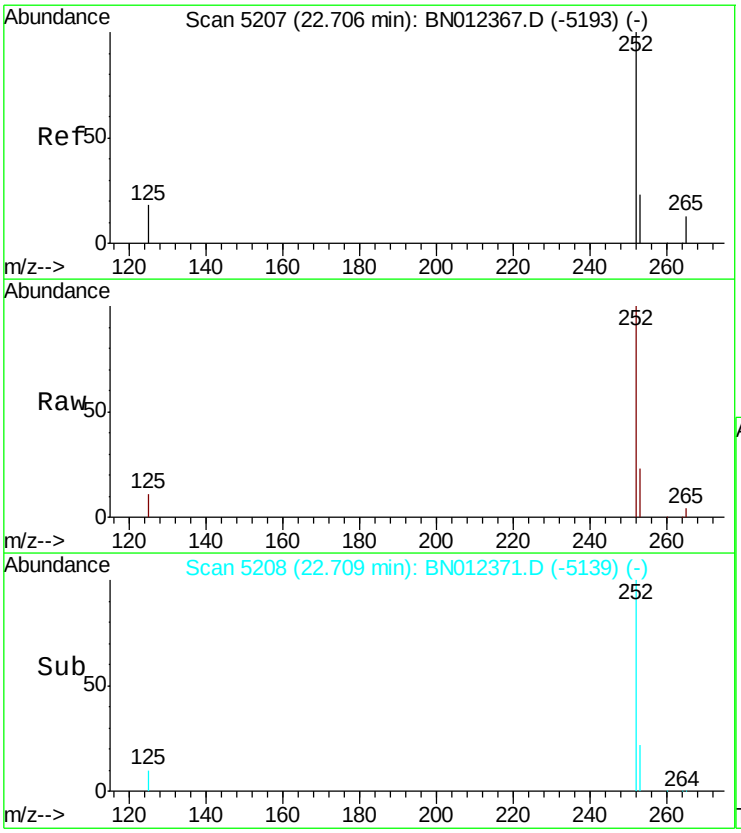
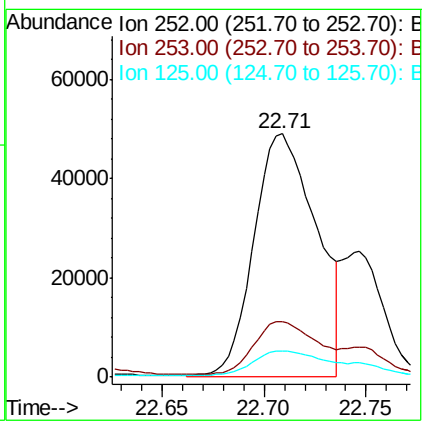
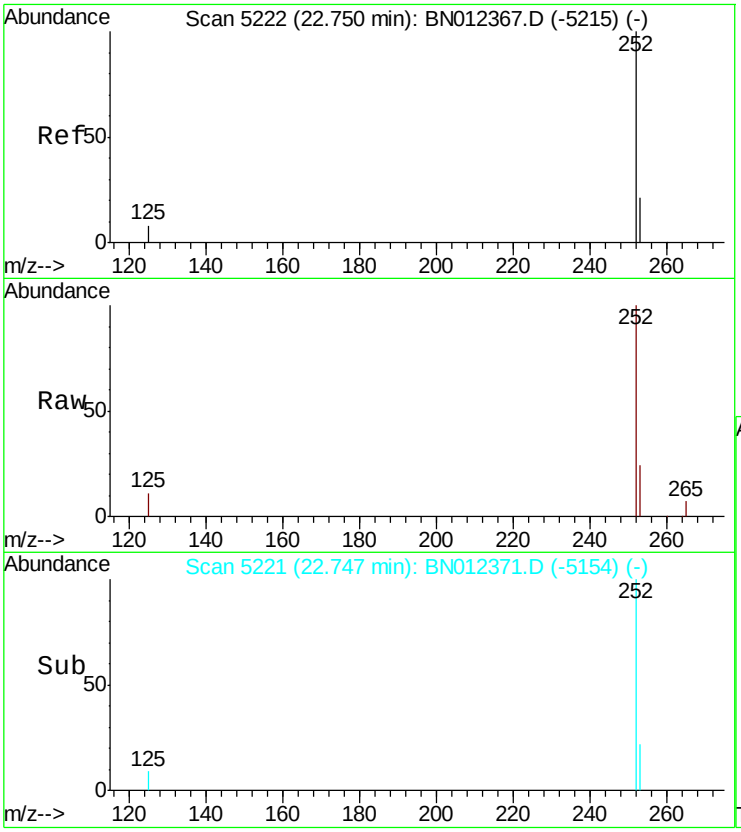


#21
Benzo(b)fluoranthene
Concen: 4.813 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:252 Resp: 103563

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	56.4
125	10.8	0.0	37.8

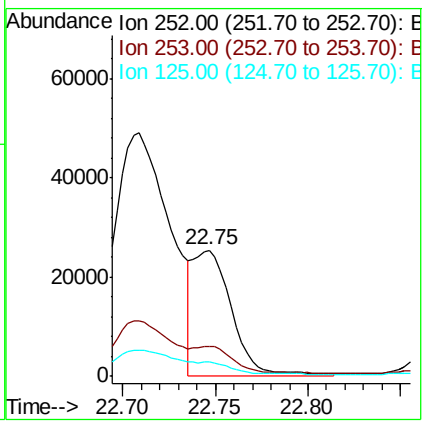




#22
Benzo(k)fluoranthene
Concen: 1.531 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:252 Resp: 36459

Ion	Ratio	Lower	Upper
252	100		
253	24.1	22.2	33.4
125	11.1	11.0	16.4



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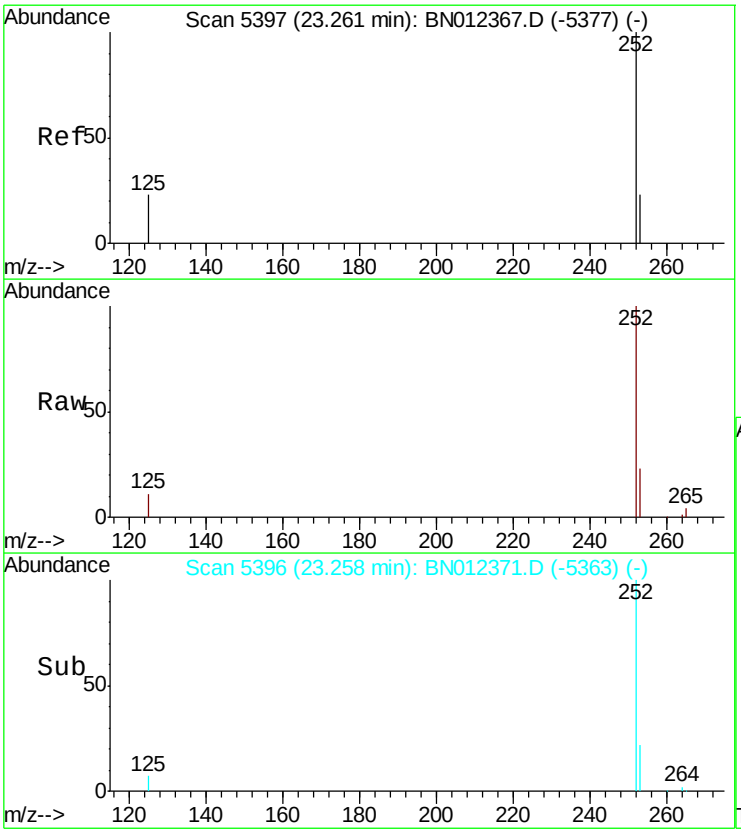
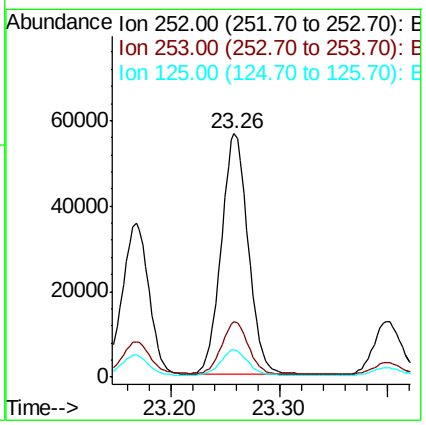
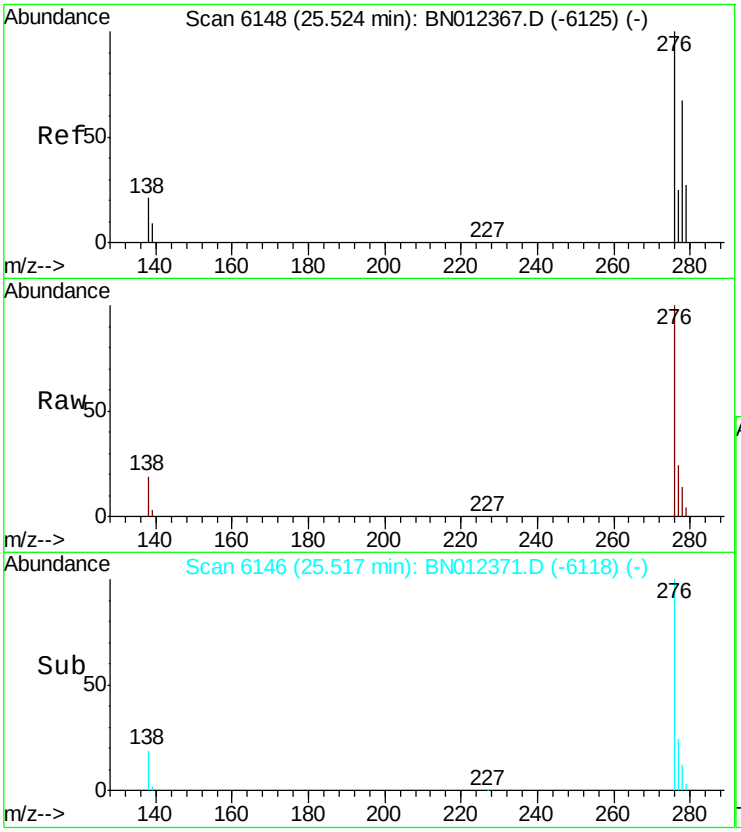


#23
Benzo(a)pyrene
Concen: 4.704 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:252 Resp: 98460

Ion	Ratio	Lower	Upper
252	100		
253	22.5	23.8	35.6#
125	11.2	19.3	28.9#





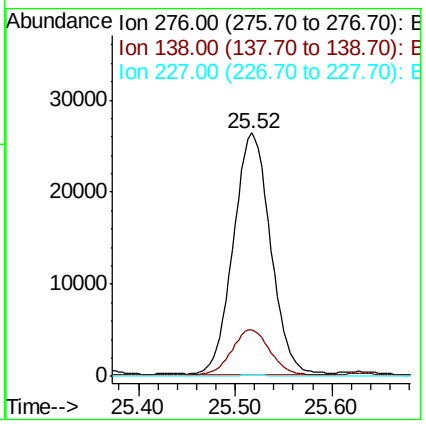
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.585 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

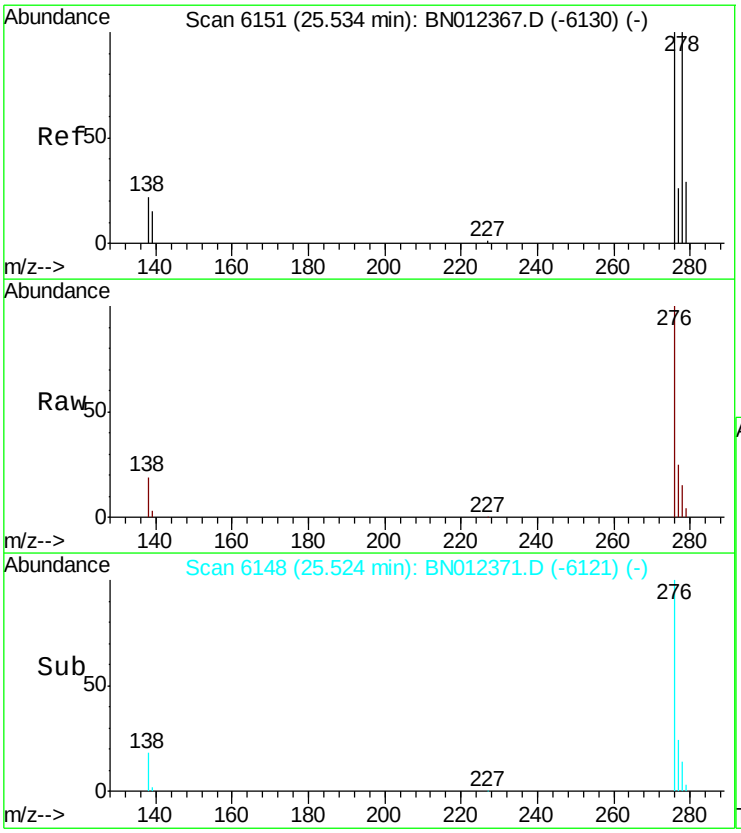
Tgt Ion:276 Resp: 69522

Ion	Ratio	Lower	Upper
276	100		
138	18.9	17.0	25.6
227	0.2	0.1	0.1#

Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM

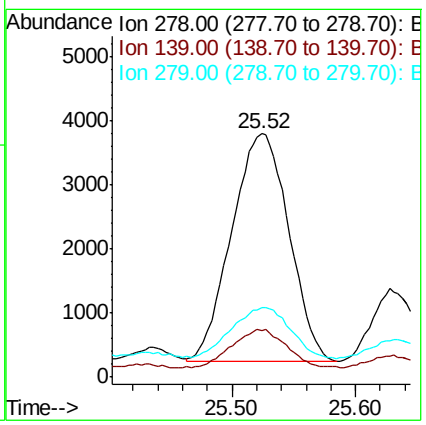


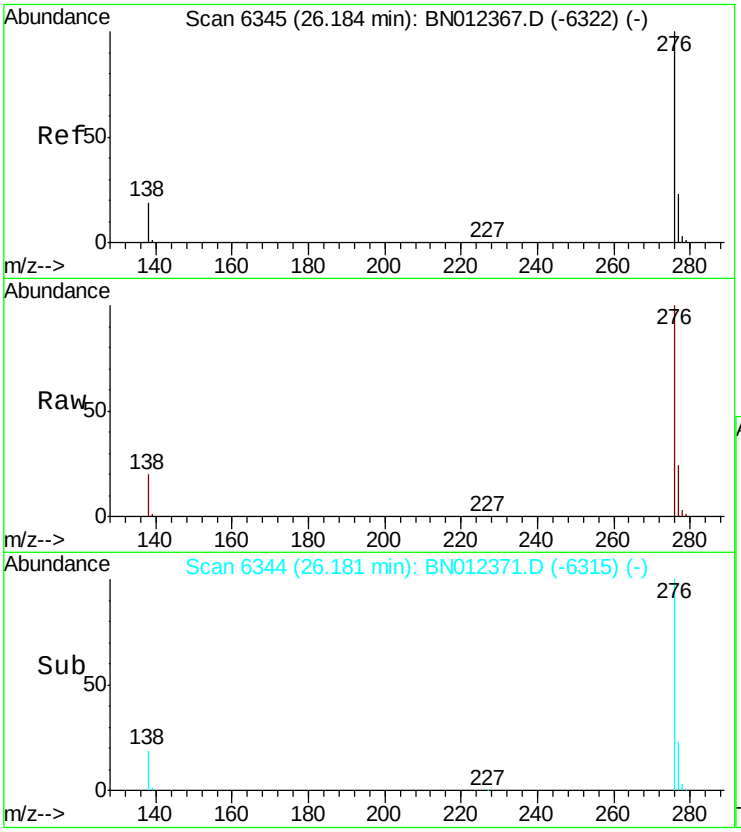


#25
Dibenzo(a,h)anthracene
Concen: 0.534 ng/ul
RT: 25.52 min Scan# 6148
Delta R.T. -0.01 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:278 Resp: 11497

Ion	Ratio	Lower	Upper
278	100		
139	19.2	13.8	20.8
279	28.7	23.8	35.8

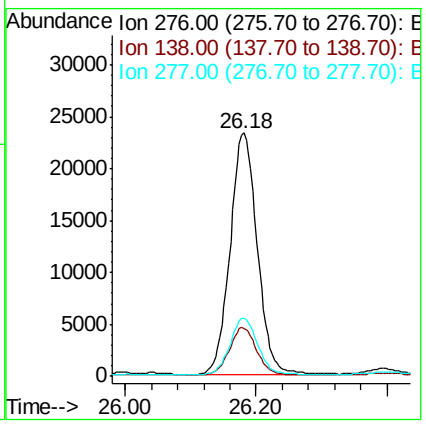




#26
Benzo(g,h,i)perylene
Concen: 2.721 ng/ul
RT: 26.18 min Scan# 6344
Delta R.T. -0.00 min
Lab File: BN012371.D
Acq: 20 Oct 2020 03:37

Tgt Ion:276 Resp: 67064

Ion	Ratio	Lower	Upper
276	100		
138	19.8	16.6	24.8
277	23.8	20.7	31.1



Instrument :
BNA_N
ClientSampleId :
JLX60DL

Manual Integrations APPROVED
Sohil
10/20/2020 9:36:31 AM