Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM

Quant Time: Nov 22 13:57:16 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 : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4081	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	15055	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8636	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17217	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	13326	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14800	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	977	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2714	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	36815	0.811	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	36195	1.142	ng/ul	99
7) Acenaphthylene	13.95	152	16053	0.336	ng/ul	98
8) Acenaphthene	14.29	153	19257	0.543	ng/ul	99
9) Fluorene	15.28	166	16988	0.408	ng/ul#	95
12) Phenanthrene	17.01	178	367369	6.327	ng/ul	98
13) Anthracene	17.11	178	105073	1.915	ng/ul	98
15) Fluoranthene	19.04	202	860687	12.065	ng/ul	94
17) Pyrene	19.40	202	741709	13.874	ng/ul	95
18) Benzo(a)anthracene	21.16	228	366445	6.838	ng/ul	98
19) Chrysene	21.21	228	320409	6.087	ng/ul	96
21) Benzo(b)fluoranthene	22.70	252	391577m	6.416	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	141742m	2.342	ng/ul	
23) Benzo(a)pyrene	23.24	252	247444	4.320	ng/ul	94
24) Indeno(1,2,3-cd)pyrene	25.48	276	152927	2.283	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.48	278	37676	0.696	ng/ul	93
26) Benzo(g,h,i)perylene	26.12	276	141041	2.517	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008707.D
Acq On : 22 Nov 2019 10:54
Operator : JU
Sample : K5854-08DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Quant Time: Nov 22 13:57:16 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 : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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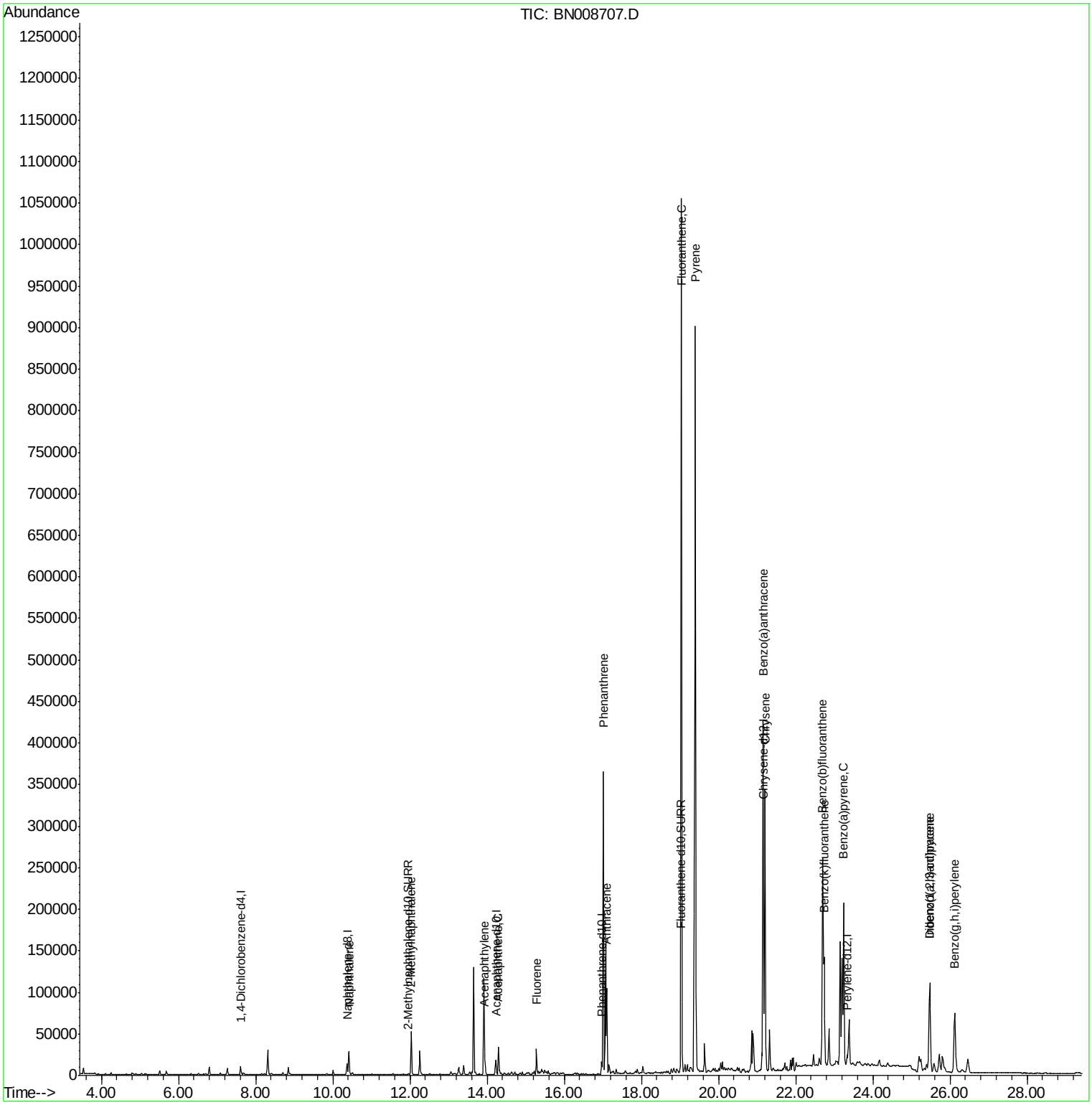
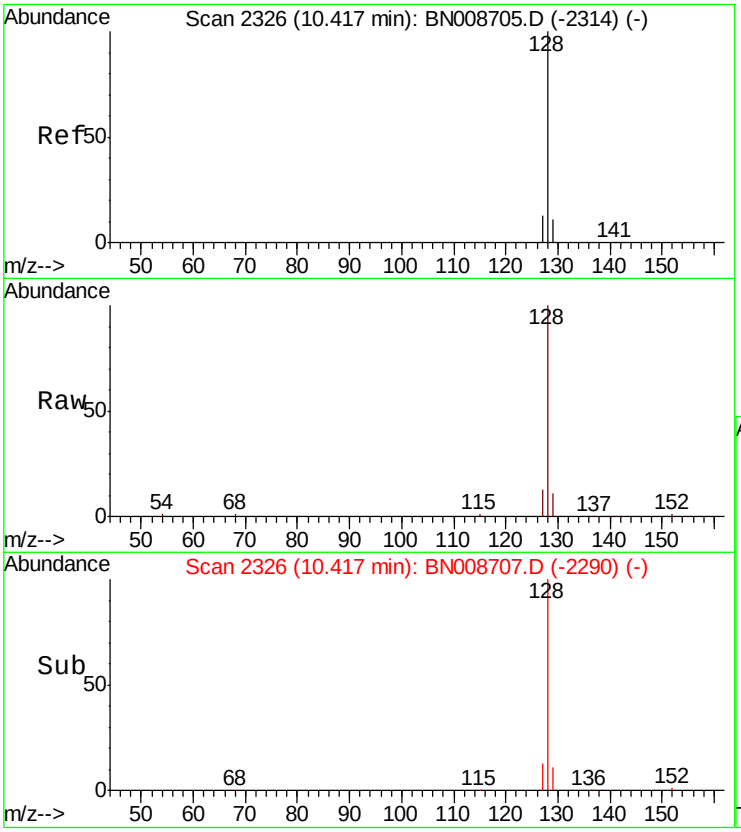
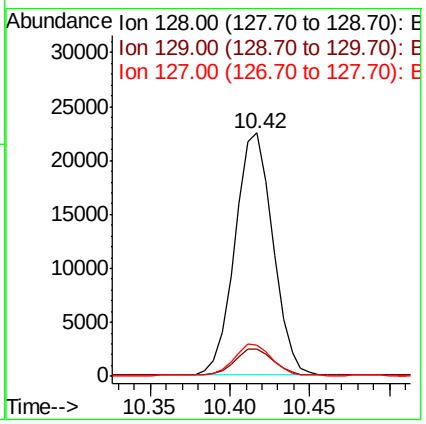




#3
Naphthalene
Concen: 0.811 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:128 Resp: 36815

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.7	14.5
127	13.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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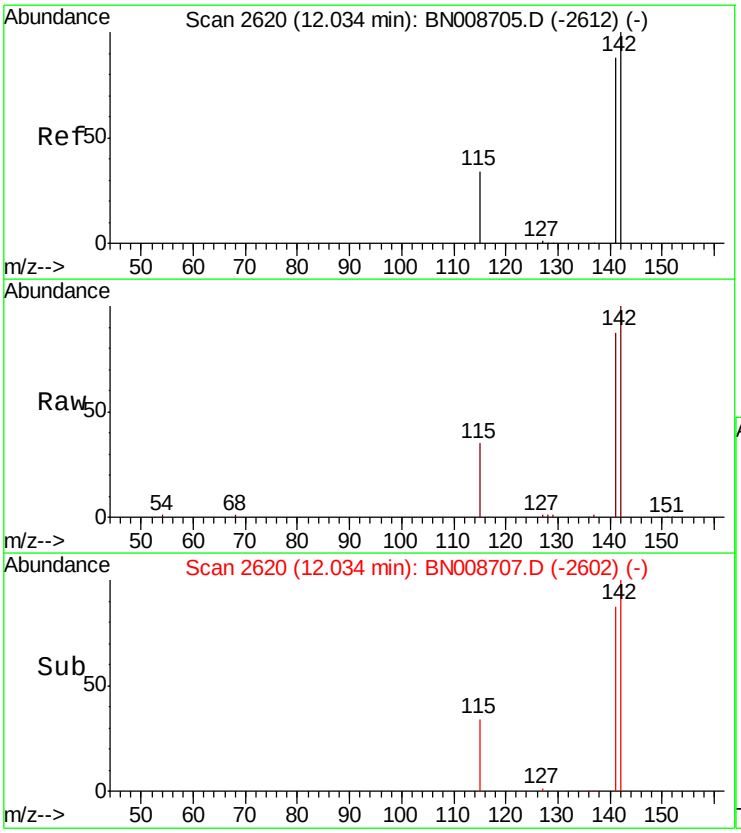
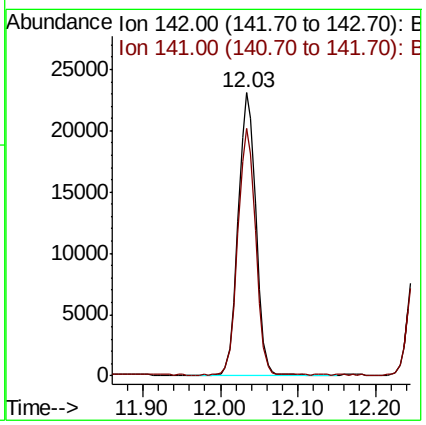
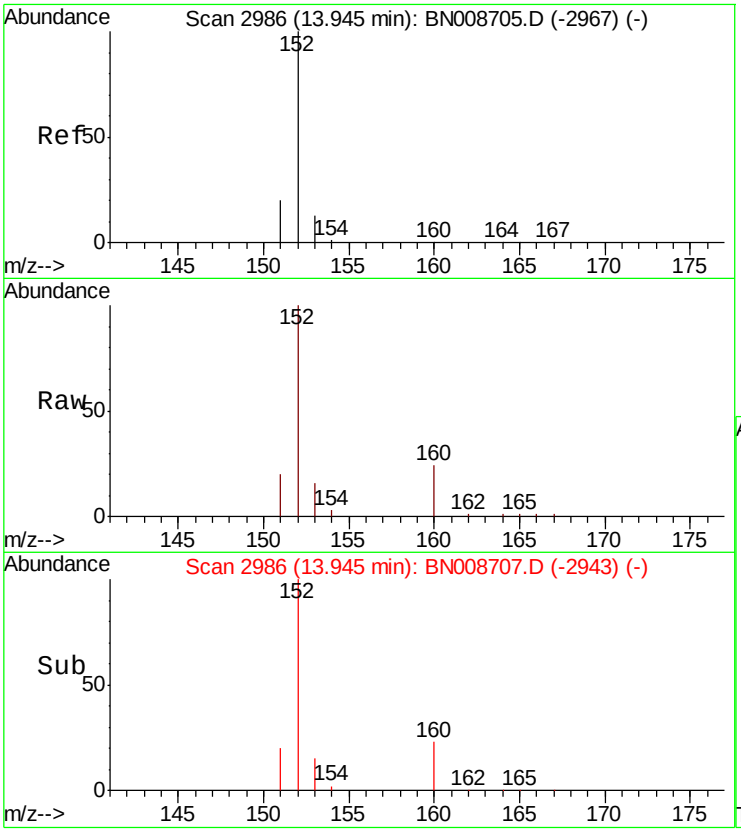


#5
2-Methylnaphthalene
Concen: 1.142 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:142 Resp: 36195

Ion	Ratio	Lower	Upper
142	100		
141	87.6	70.5	105.7

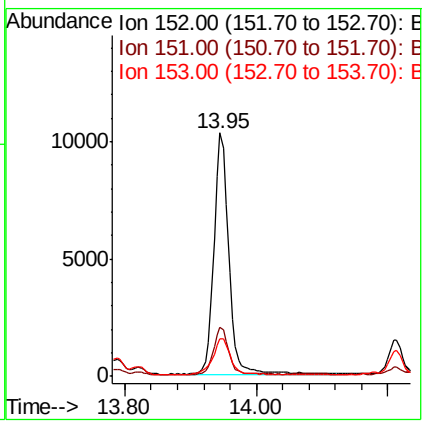




#7
Acenaphthylene
Concen: 0.336 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:152 Resp: 16053

Ion	Ratio	Lower	Upper
152	100		
151	20.4	16.6	24.8
153	15.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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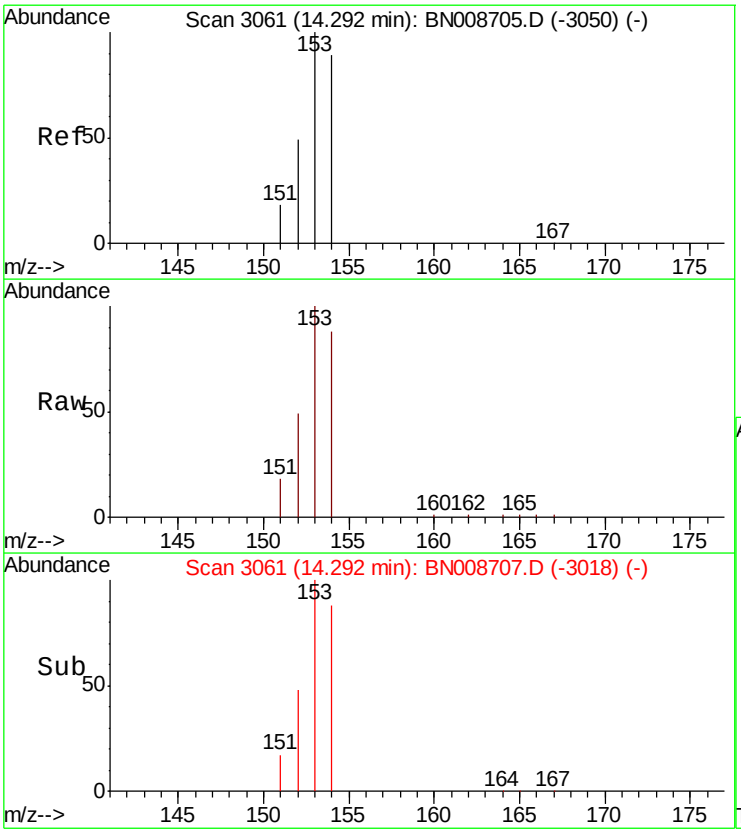
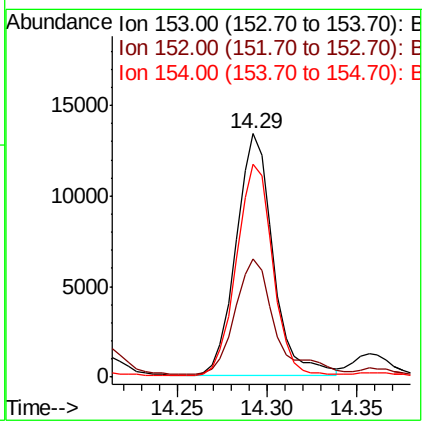
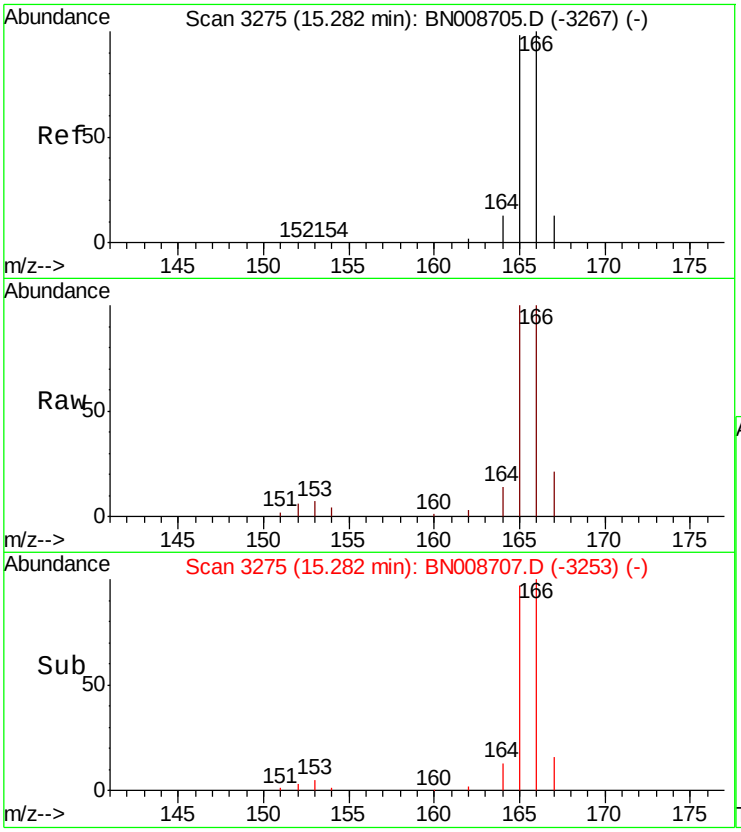


#8
Acenaphthene
Concen: 0.543 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:153 Resp: 19257

Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.6	59.4
154	87.6	70.6	106.0

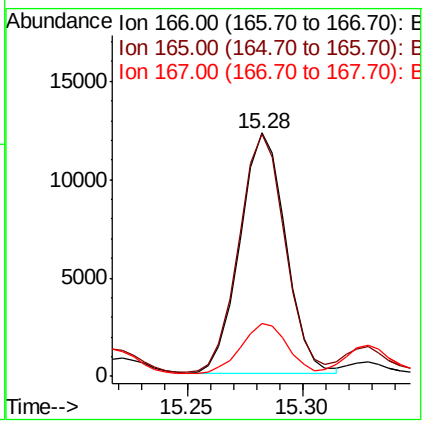




#9
Fluorene
Concen: 0.408 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:166 Resp: 16988

Ion	Ratio	Lower	Upper
166	100		
165	99.6	77.4	116.0
167	21.5	11.4	17.0#



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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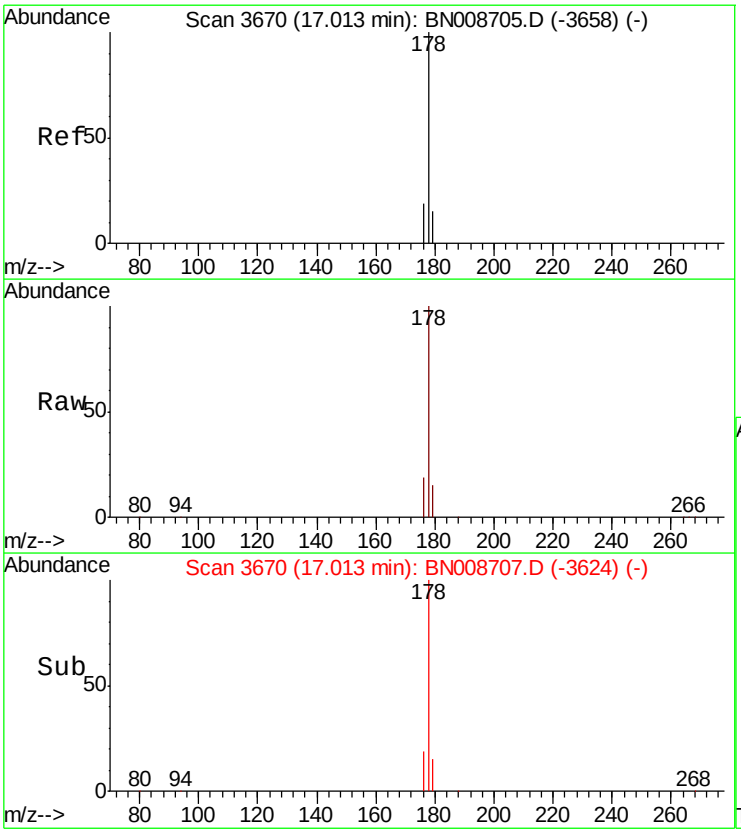
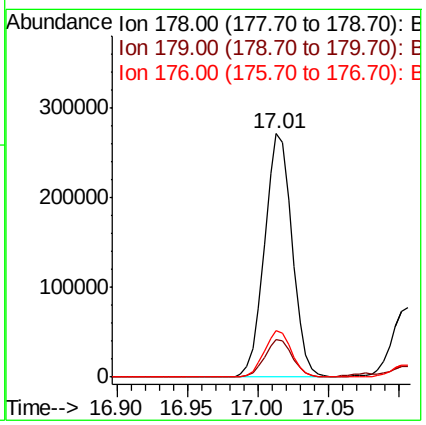
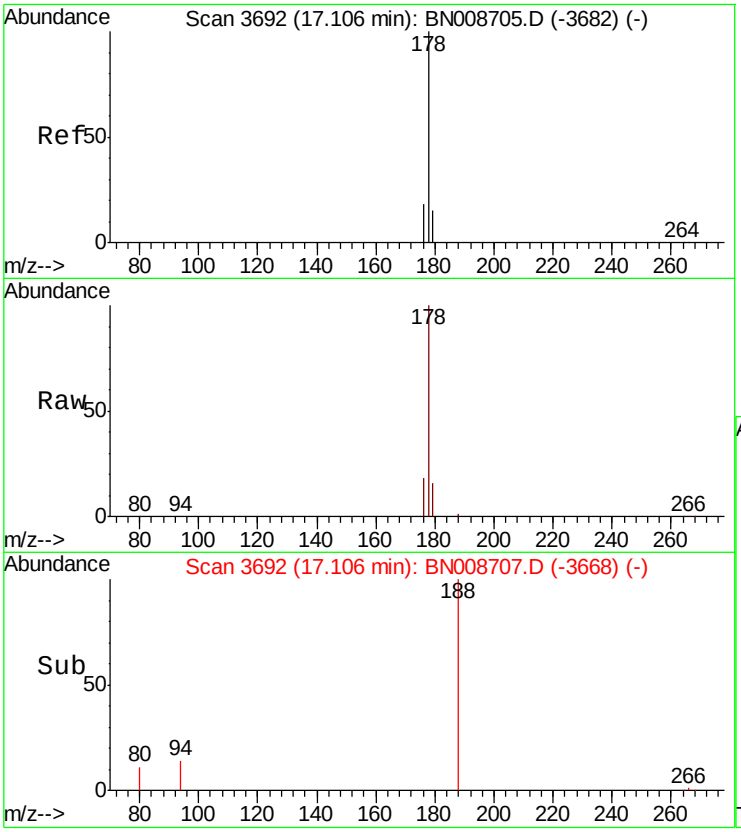


#12
Phenanthrene
Concen: 6.327 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:178 Resp: 367369

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	16.0	24.0

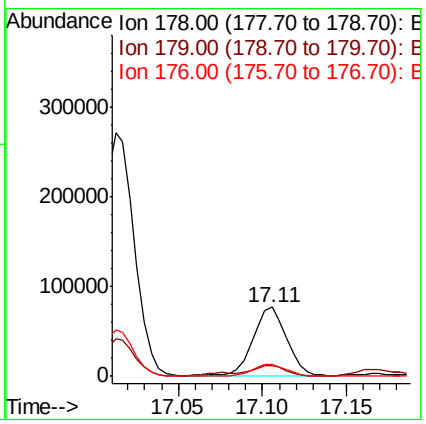




#13
Anthracene
Concen: 1.915 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:178 Resp: 105073

Ion	Ratio	Lower	Upper
178	100		
179	15.7	13.0	19.4
176	17.9	15.3	22.9



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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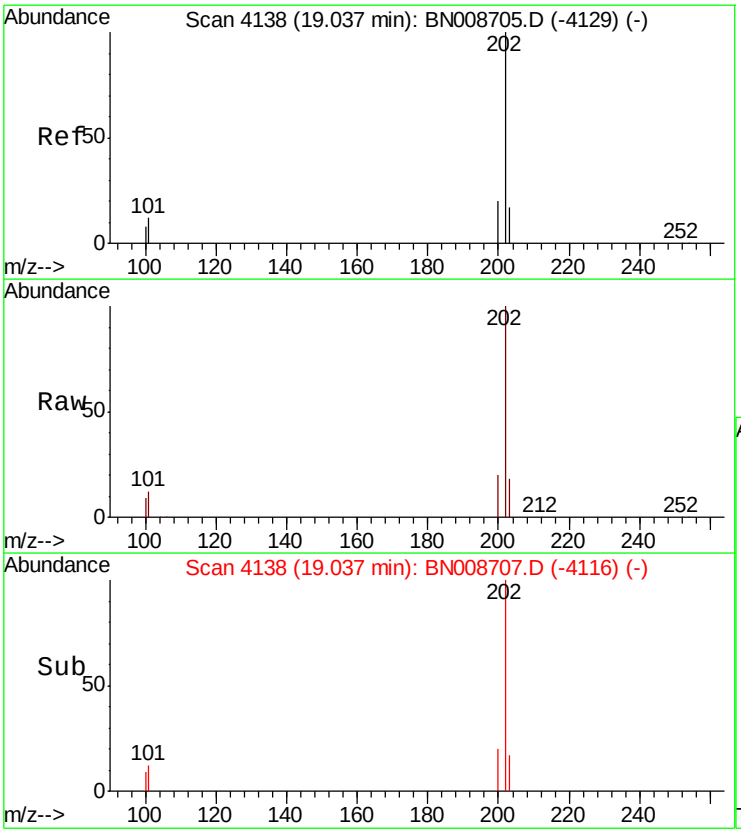
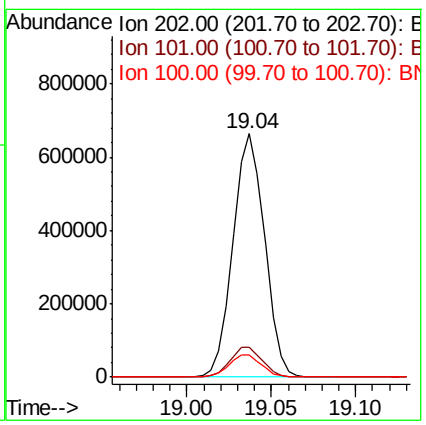
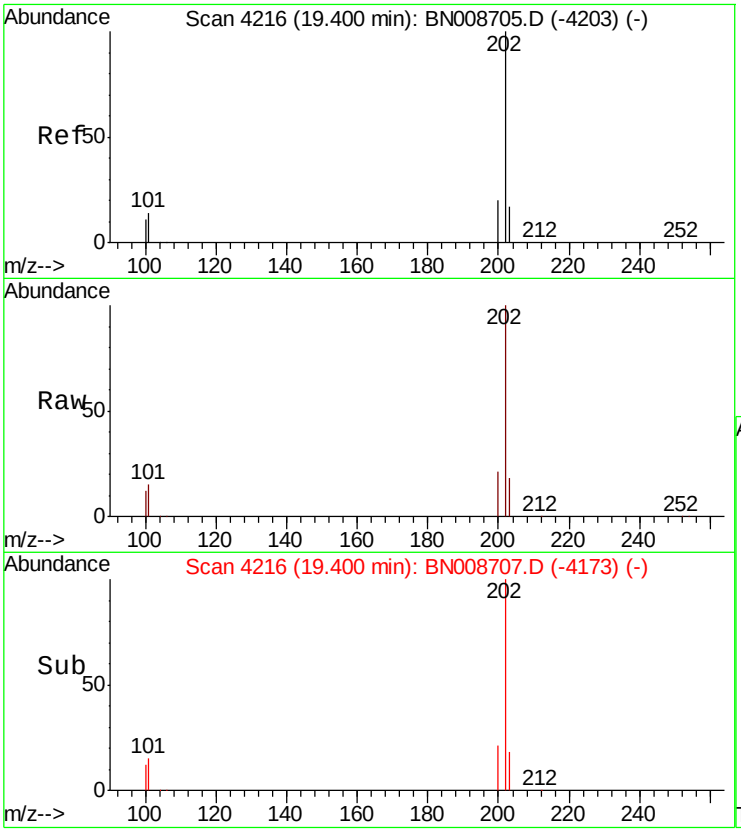


#15
Fluoranthene
Concen: 12.065 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:202 Resp: 860687

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	29.6
100	9.0	0.0	27.0

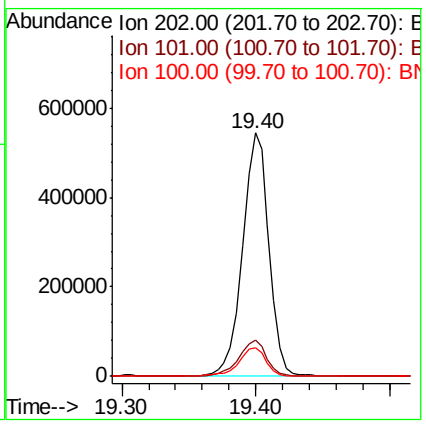




#17
Pyrene
Concen: 13.874 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:202 Resp: 741709

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.2	15.2
100	11.9	8.2	12.2



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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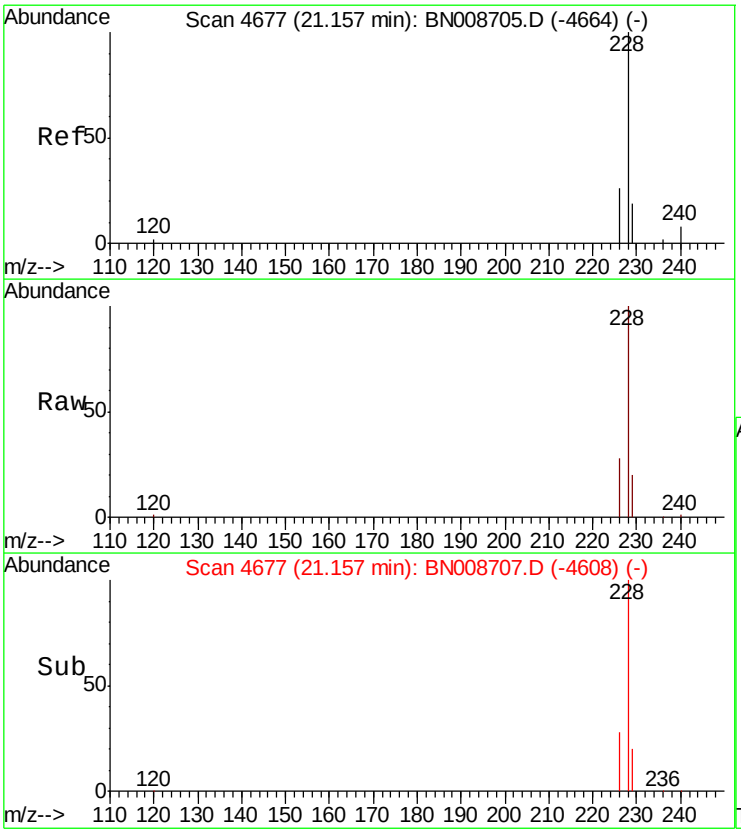
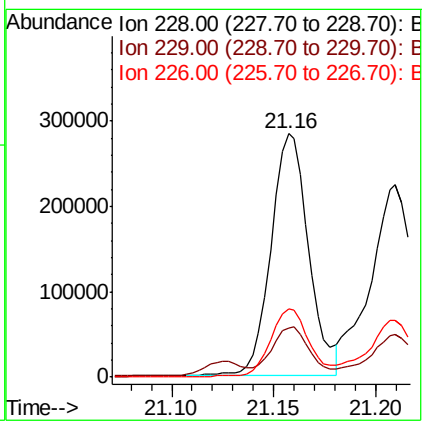
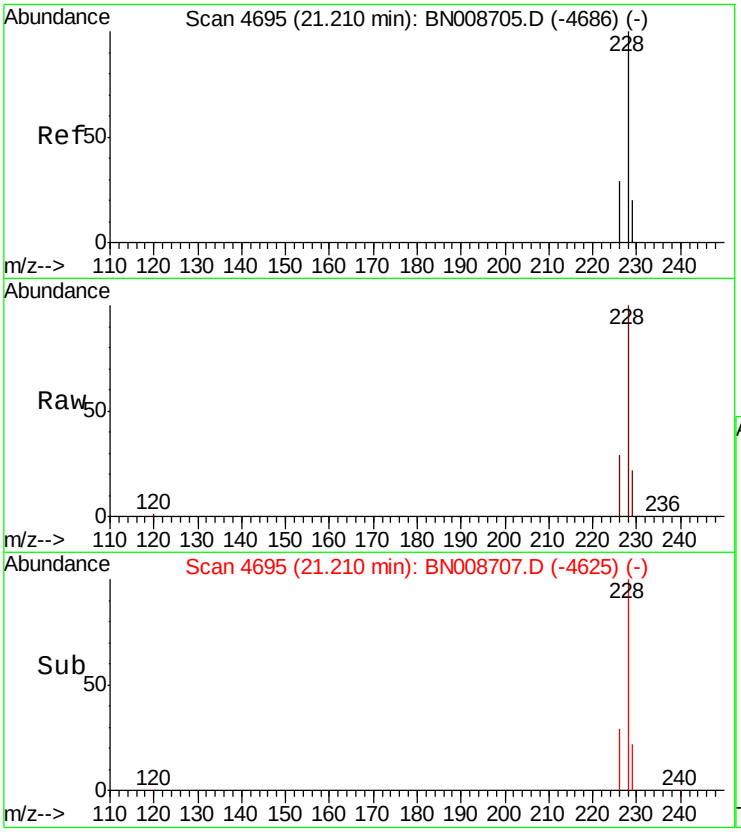


#18
Benzo(a)anthracene
Concen: 6.838 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:228 Resp: 366445

Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	28.1	21.6	32.4

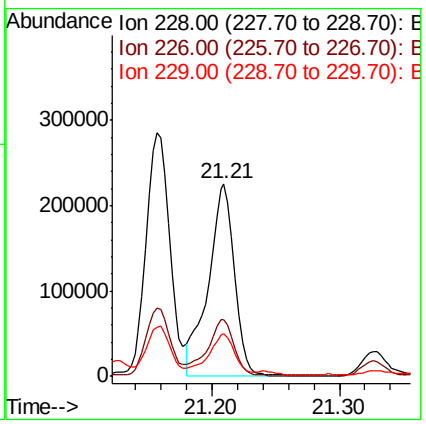




#19
Chrysene
Concen: 6.087 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:228 Resp: 320409

Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.5	36.7
229	22.4	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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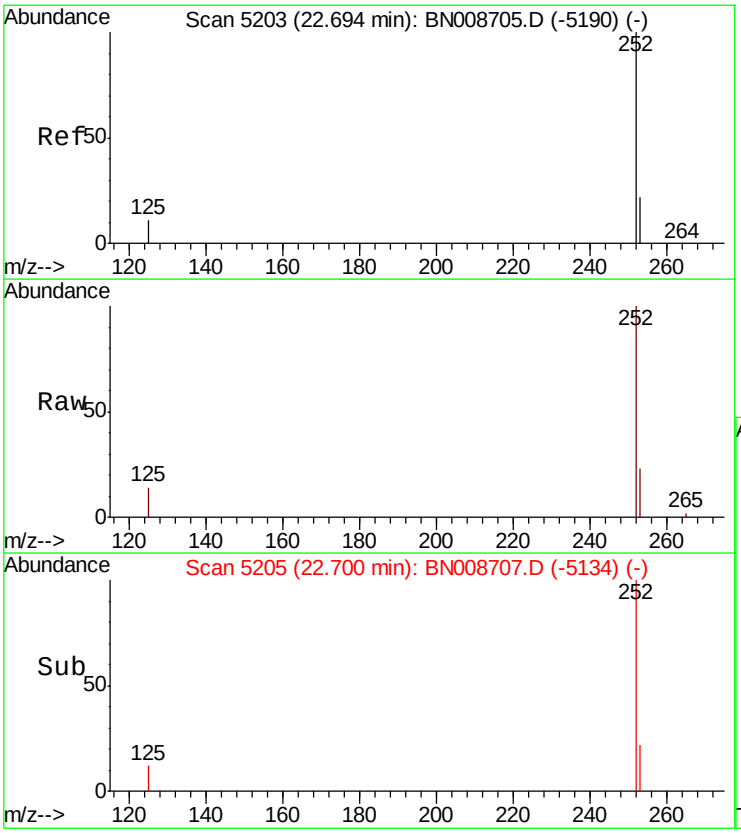
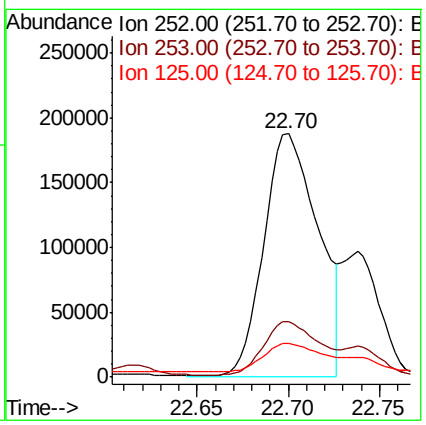
11/22/2019 3:24:01 PM

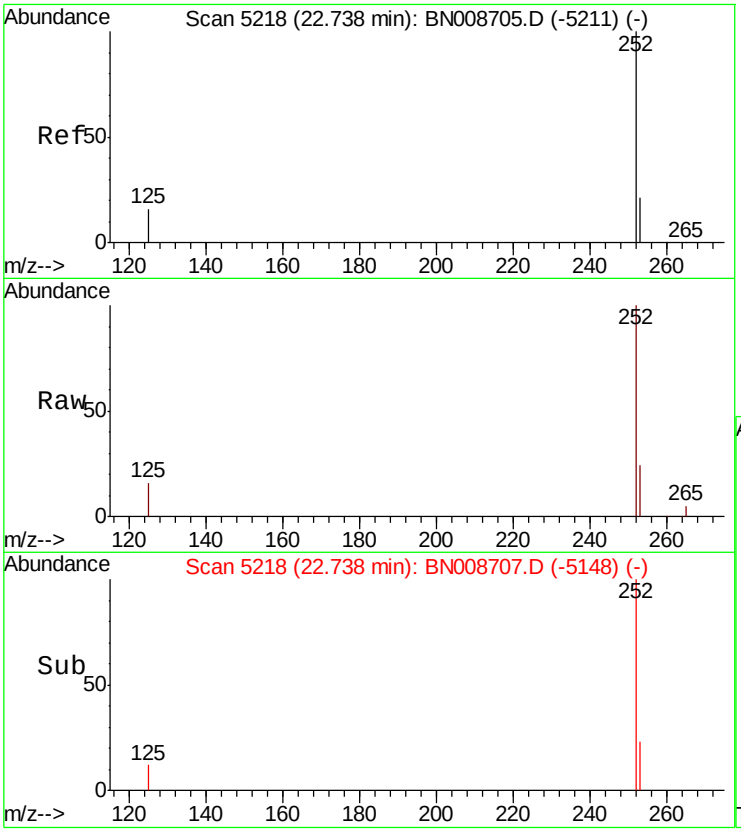


#21
Benzo(b)fluoranthene
Concen: 6.416 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:252 Resp: 391577

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	50.2
125	13.8	0.0	30.0

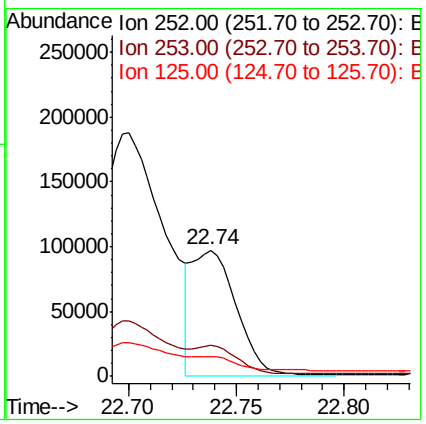




#22
Benzo(k)fluoranthene
Concen: 2.342 ng/ul m
RT: 22.74 min Scan# 5218
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:252 Resp: 141742

Ion	Ratio	Lower	Upper
252	100		
253	24.2	20.5	30.7
125	16.0	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
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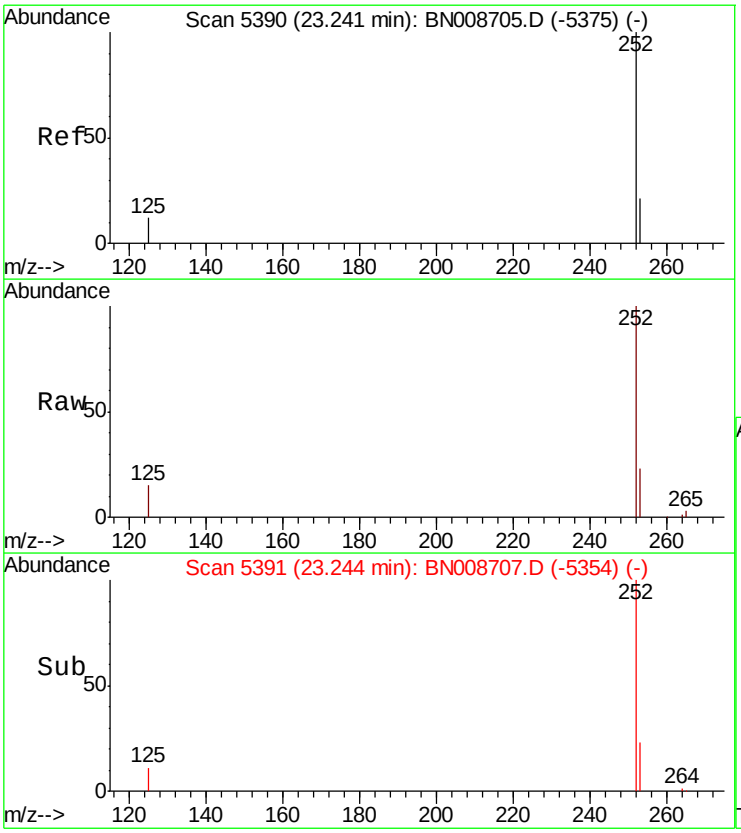
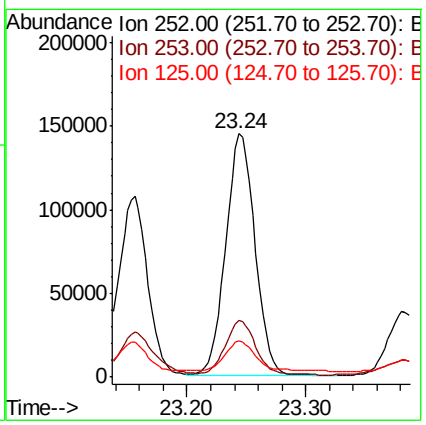
11/22/2019 3:24:01 PM

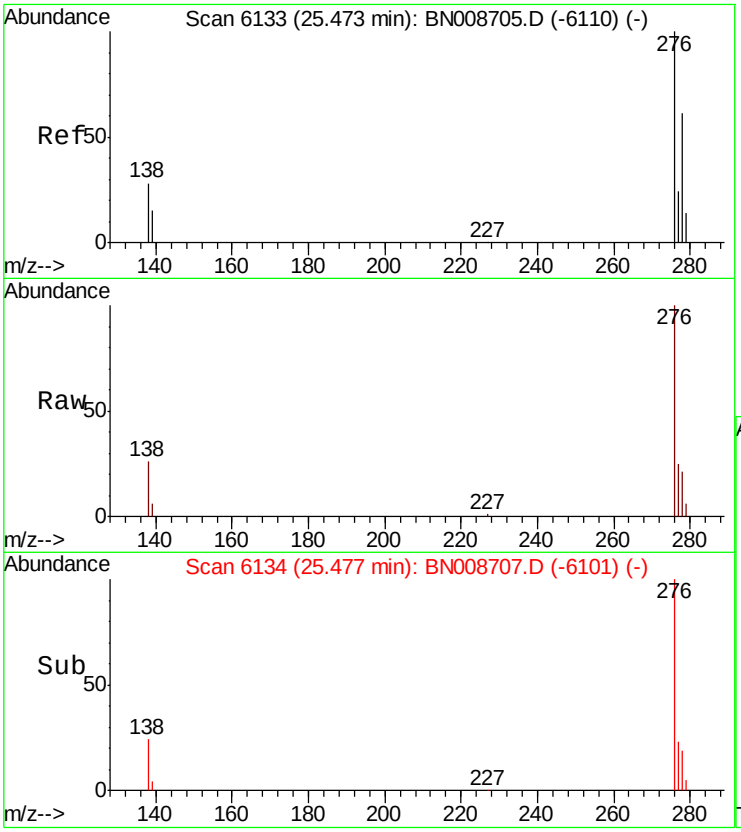


#23
Benzo(a)pyrene
Concen: 4.320 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:252 Resp: 247444

Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.4	32.2
125	14.8	13.8	20.8





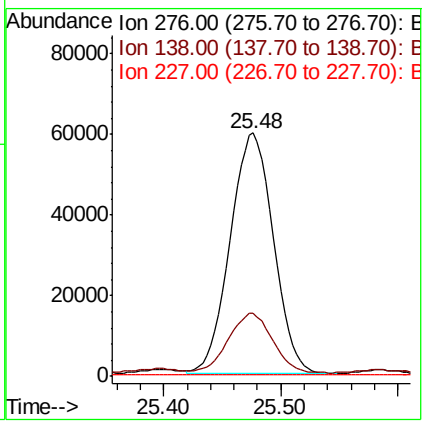
#24
Indeno(1,2,3-cd)pyrene
Concen: 2.283 ng/ul
RT: 25.48 min Scan# 6134
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

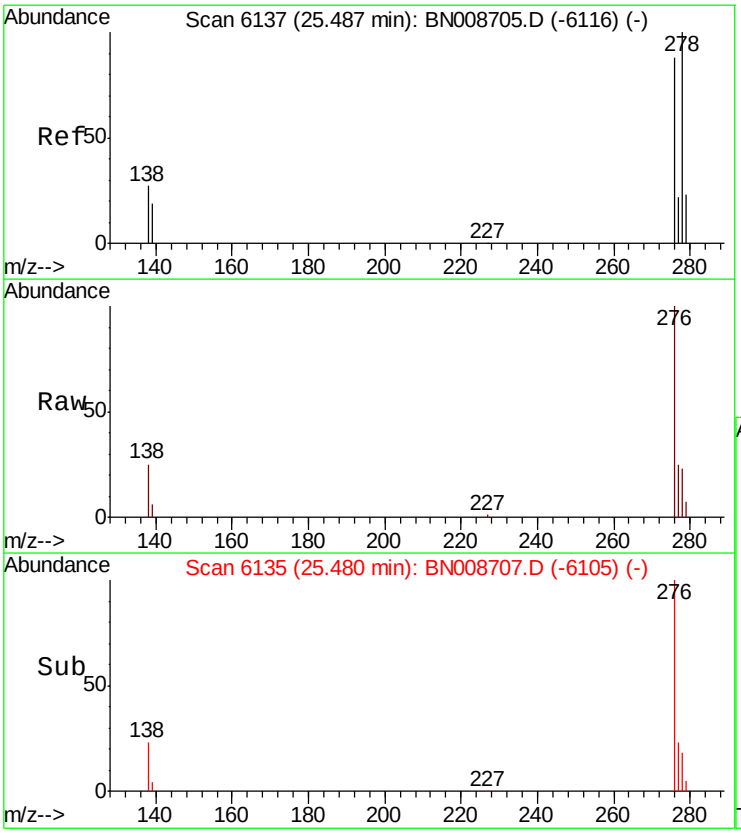
Tgt Ion:276 Resp: 152927

Ion	Ratio	Lower	Upper
276	100		
138	25.1	21.7	32.5
227	0.3	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM

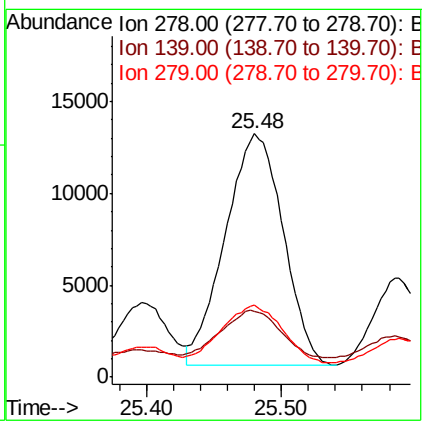


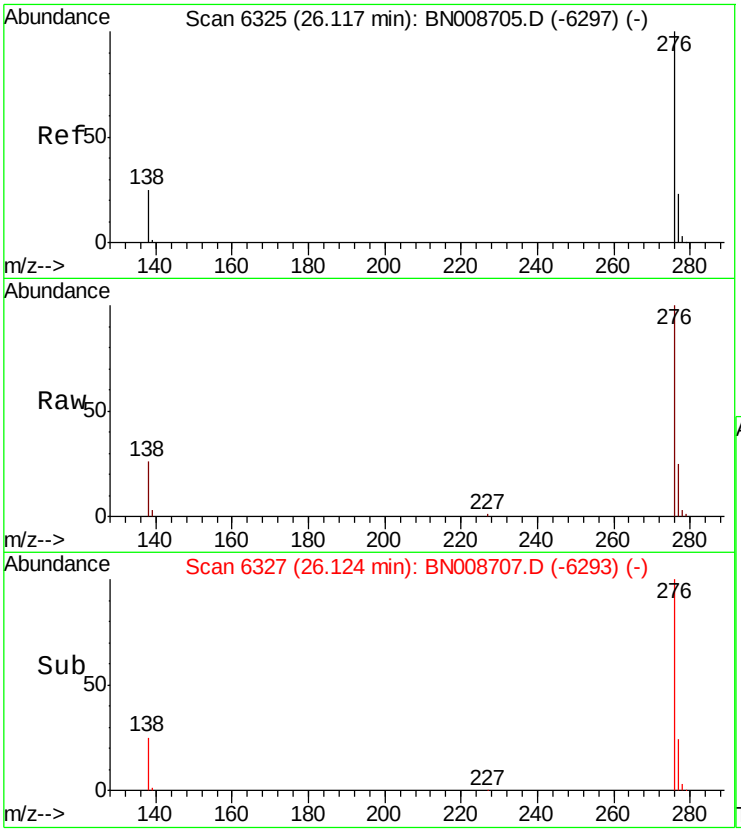


#25
Dibenzo(a,h)anthracene
Concen: 0.696 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.00 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:278 Resp: 37676

Ion	Ratio	Lower	Upper
278	100		
139	27.2	18.7	28.1
279	29.4	20.8	31.2

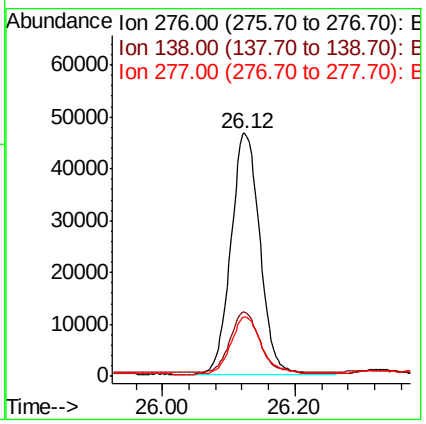




#26
Benzo(g,h,i)perylene
Concen: 2.517 ng/ul
RT: 26.12 min Scan# 6327
Delta R.T. 0.01 min
Lab File: BN008707.D
Acq: 22 Nov 2019 10:54

Tgt Ion:276 Resp: 141041

Ion	Ratio	Lower	Upper
276	100		
138	26.4	20.0	30.0
277	24.6	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AC6DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:24:01 PM