Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008118.D
Acq On : 12 Oct 2019 18:20
Operator : JU
Sample : K5178-09
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPF2

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:07 AM

Quant Time: Oct 13 04:10:35 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2398	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	11465	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7481	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	17439m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	17413m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16414m	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2869	0.15	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	10460m	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	3092	0.095	ng/ul#	92
5) 2-Methylnaphthalene	12.07	142	1646	0.074	ng/ul	99
7) Acenaphthylene	13.98	152	22609	0.635	ng/ul	99
8) Acenaphthene	14.32	153	5643	0.204	ng/ul	99
9) Fluorene	15.31	166	9143	0.291	ng/ul	97
12) Phenanthrene	17.05	178	209777m	4.109	ng/ul	
13) Anthracene	17.14	178	47048m	1.047	ng/ul	
15) Fluoranthene	19.07	202	620217m	9.197	ng/ul	
17) Pyrene	19.44	202	620252	8.946	ng/ul	98
18) Benzo(a)anthracene	21.19	228	404009m	6.382	ng/ul	
19) Chrysene	21.24	228	410948	5.289	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	479860m	8.981	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	145737m	2.408	ng/ul	
23) Benzo(a)pyrene	23.30	252	333193	5.926	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.57	276	180379	2.724	ng/ul	98
25) Dibenzo(a,h)anthracene	25.57	278	50220	0.959	ng/ul	98
26) Benzo(g,h,i)perylene	26.23	276	176206	2.902	ng/ul	98

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

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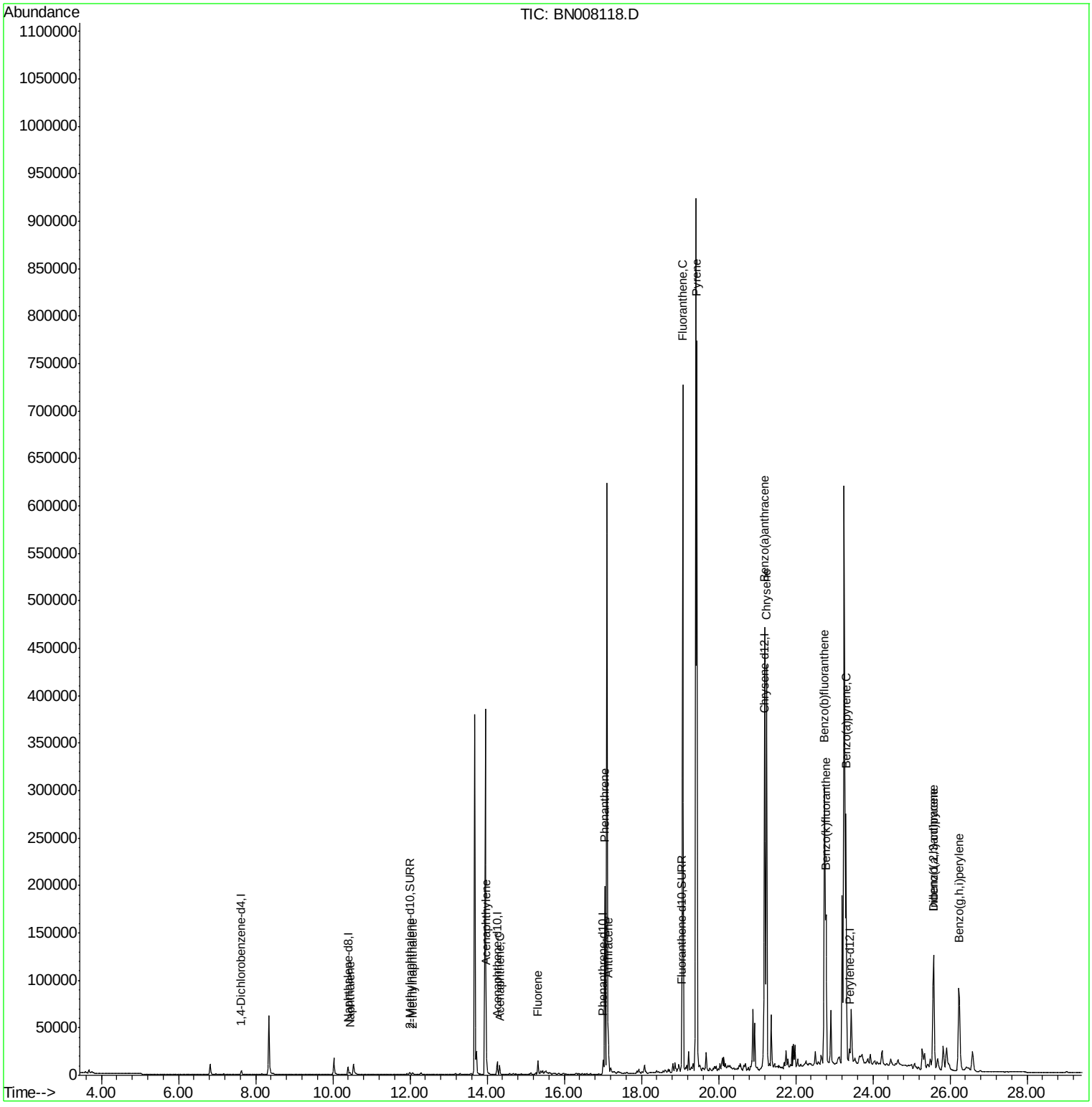

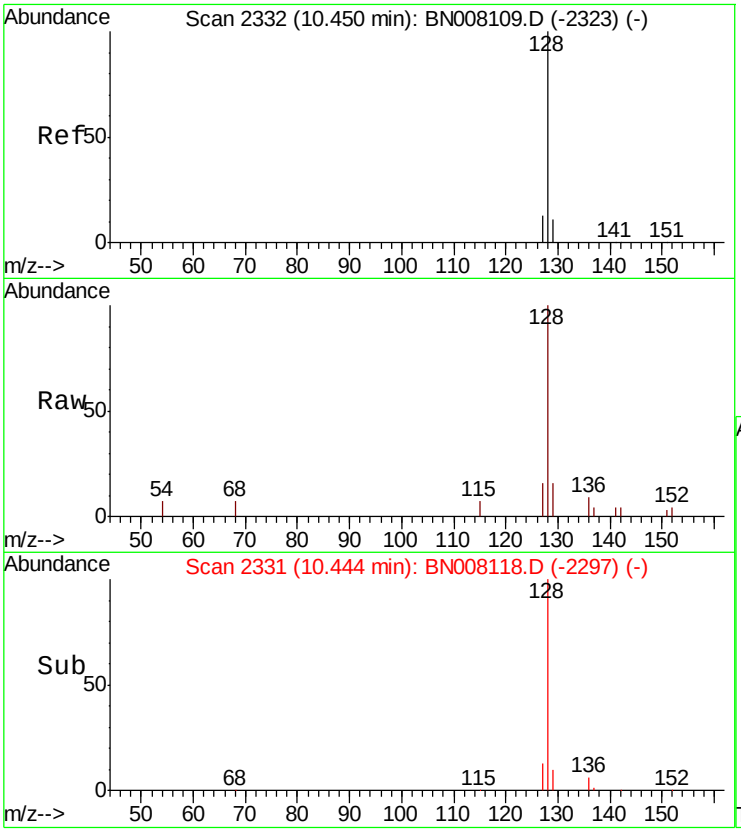

#3
Naphthalene
Concen: 0.095 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:128 Resp: 3092

Ion	Ratio	Lower	Upper
128	100		
129	16.4	9.8	14.8#
127	16.0	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
BEPF2

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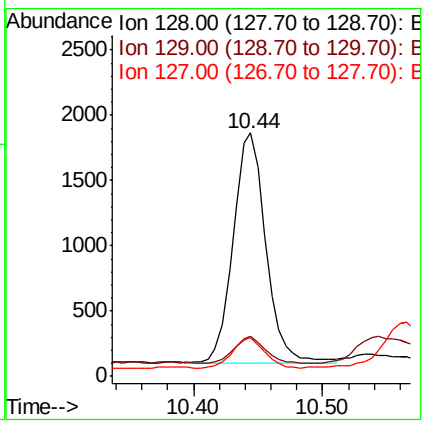
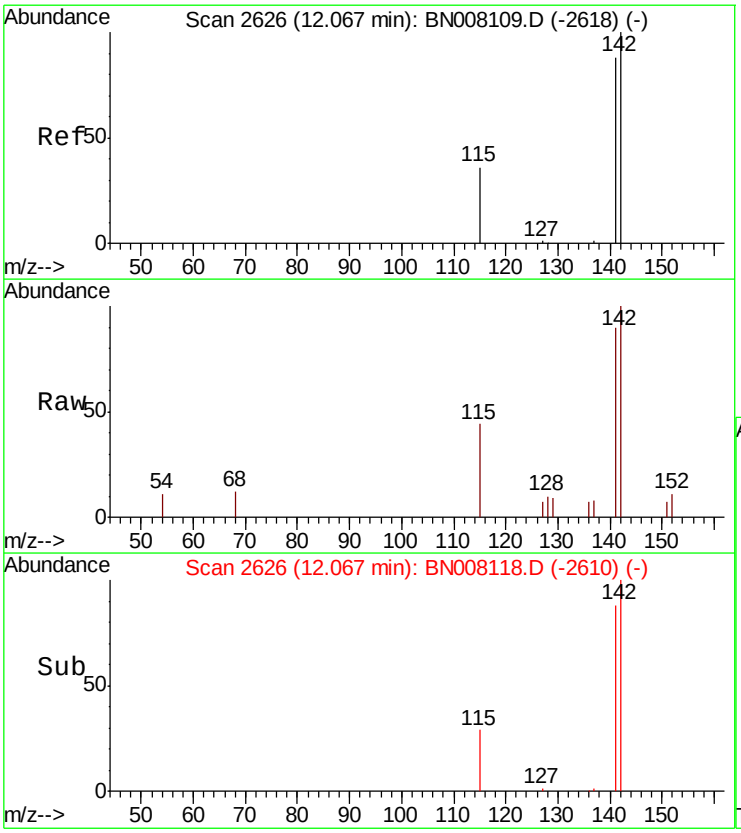
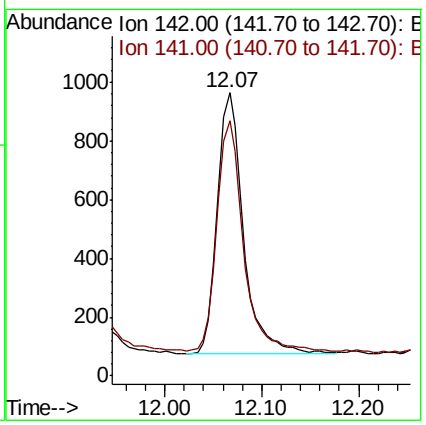


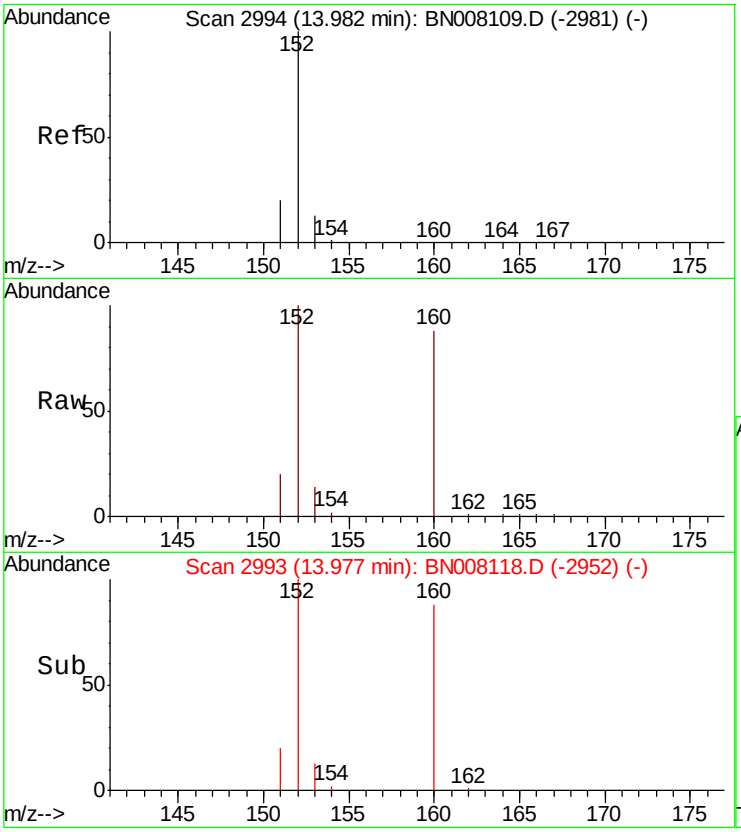


#5
2-Methylnaphthalene
Concen: 0.074 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:142 Resp: 1646

Ion	Ratio	Lower	Upper
142	100		
141	90.4	71.4	107.2

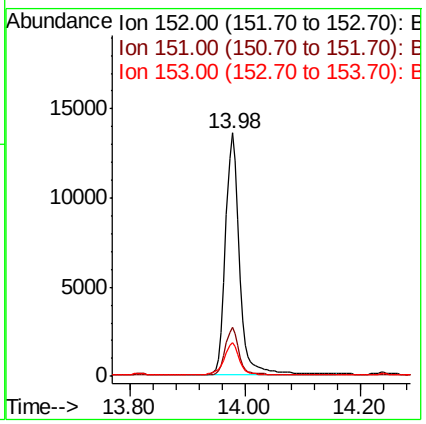




#7
Acenaphthylene
Concen: 0.635 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:152 Resp: 22609

Ion	Ratio	Lower	Upper
152	100		
151	20.0	16.2	24.4
153	14.0	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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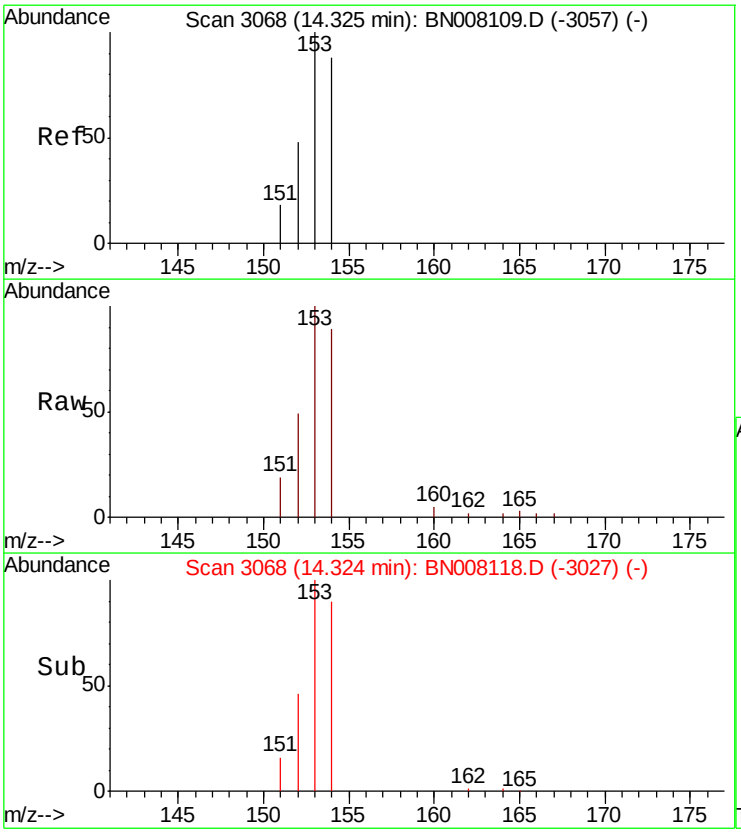
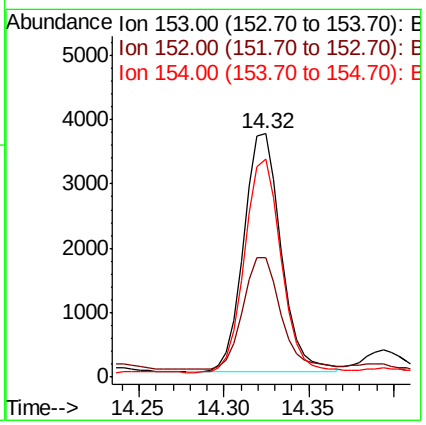
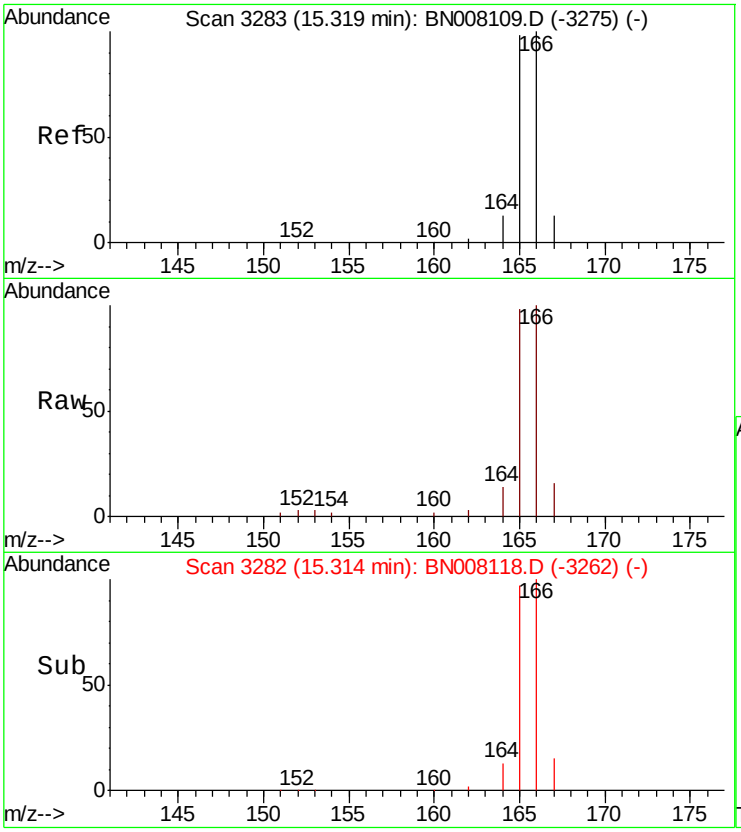


#8
Acenaphthene
Concen: 0.204 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:153 Resp: 5643

Ion	Ratio	Lower	Upper
153	100		
152	48.9	38.2	57.2
154	89.4	71.8	107.8





#9
Fluorene
Concen: 0.291 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:166 Resp: 9143

Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.6	115.0
167	16.4	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
BEPF2

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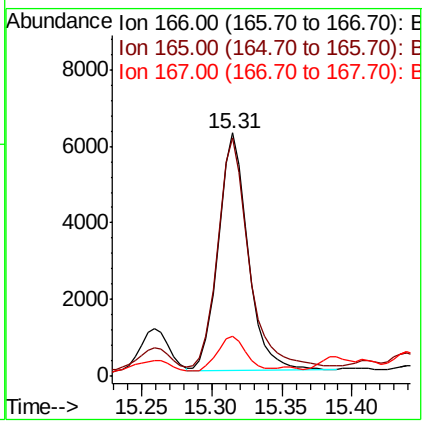
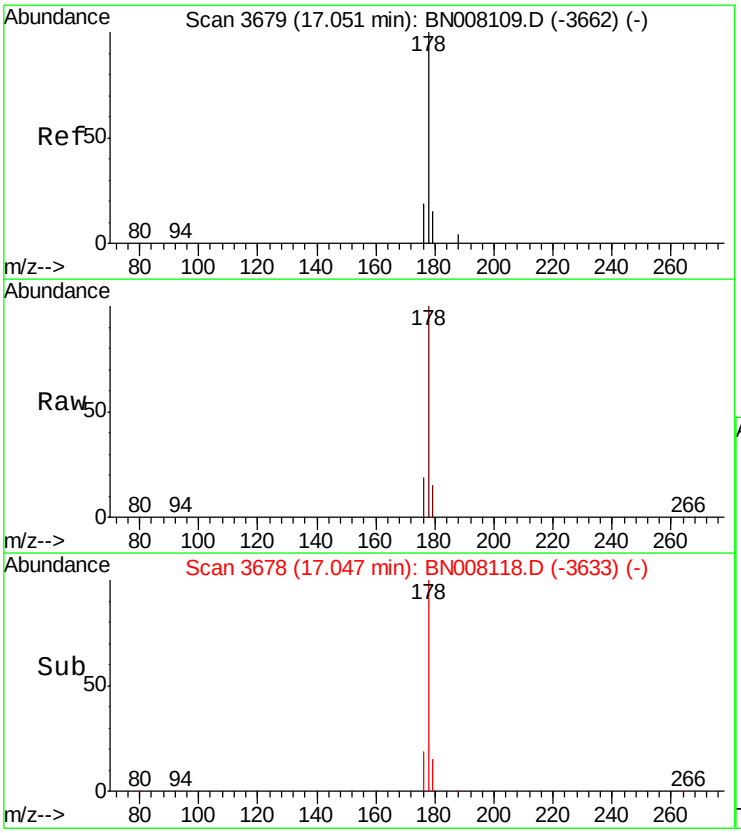
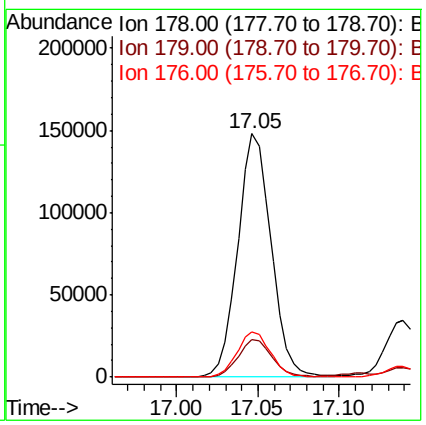


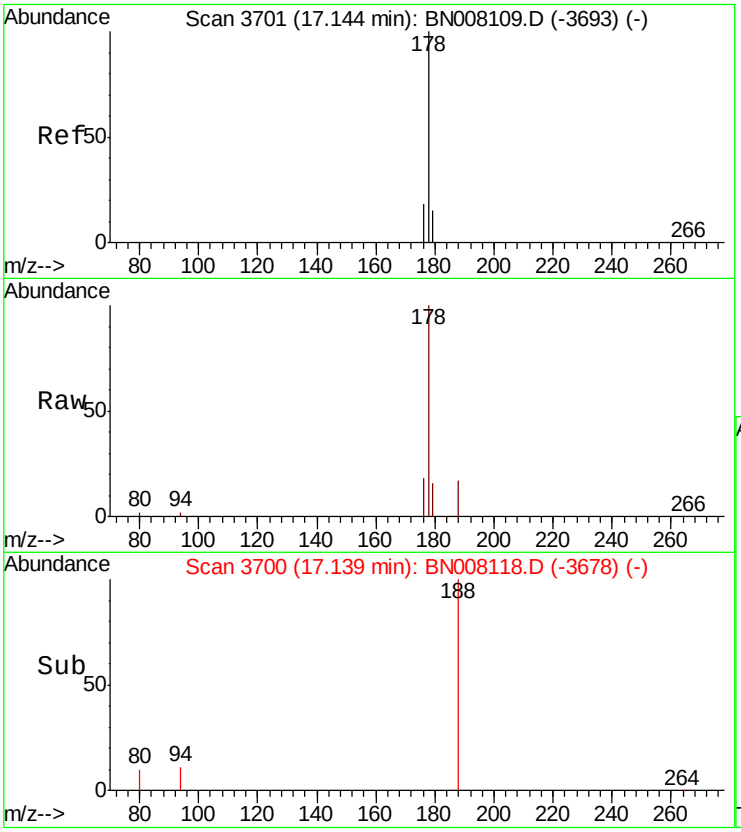


#12
Phenanthrene
Concen: 4.109 ng/ul m
RT: 17.05 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:178 Resp: 209777

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.8	15.4	23.2

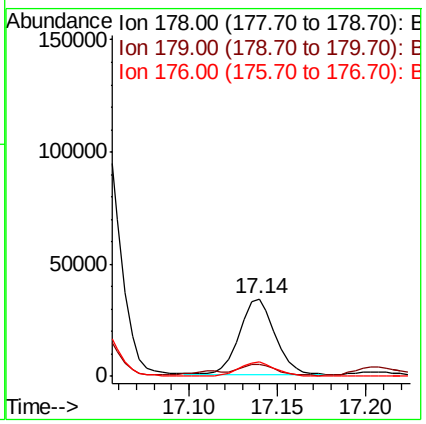




#13
Anthracene
Concen: 1.047 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:178 Resp: 47048

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.0	19.6
176	18.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPF2

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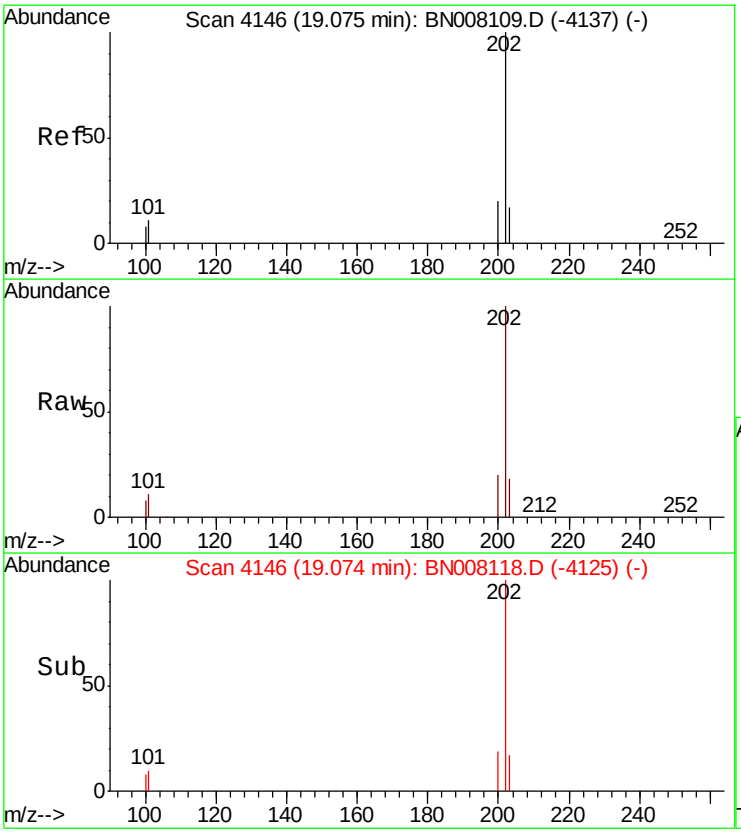
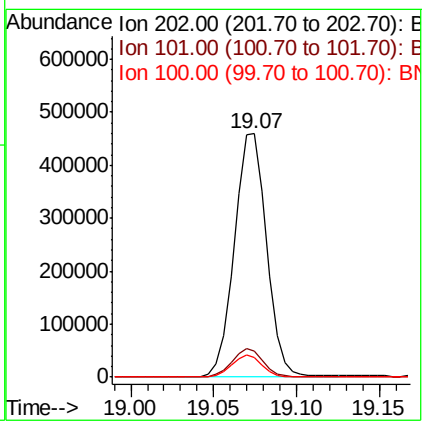
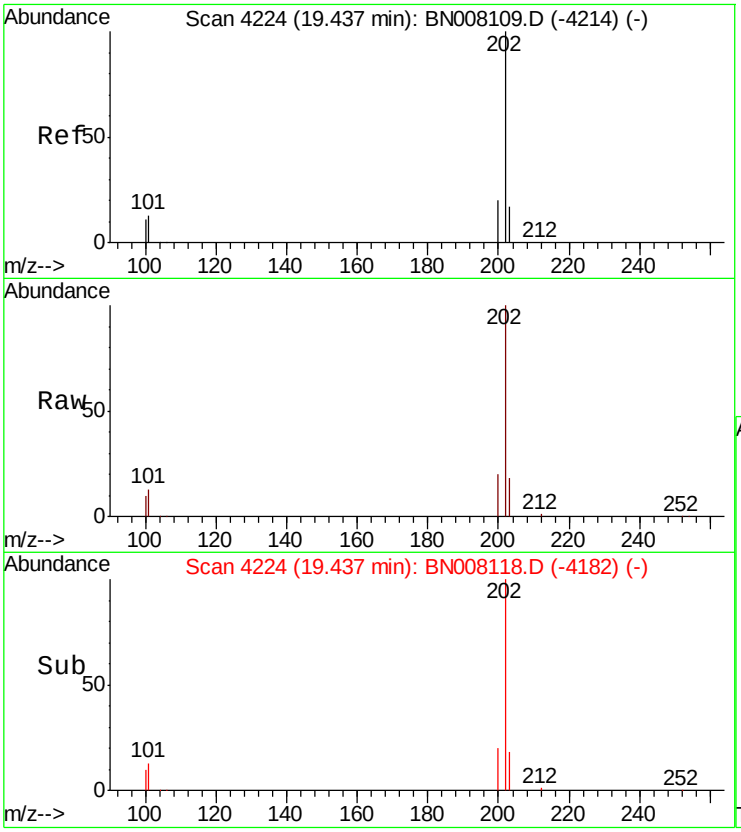


#15
Fluoranthene
Concen: 9.197 ng/ul m
RT: 19.07 min Scan# 4146
Delta R.T. -0.00 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:202 Resp: 620217

Ion	Ratio	Lower	Upper
202	100		
101	10.7	0.0	31.2
100	7.8	0.0	28.5

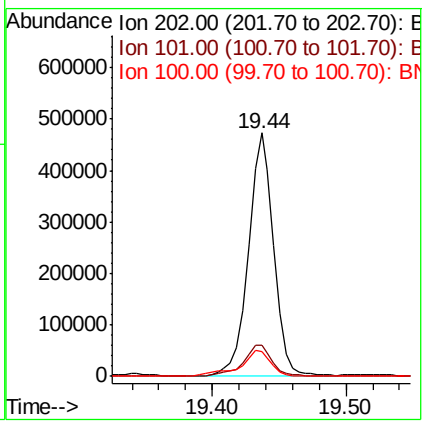




#17
Pyrene
Concen: 8.946 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:202 Resp: 620252

Ion	Ratio	Lower	Upper
202	100		
101	12.9	10.9	16.3
100	10.4	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
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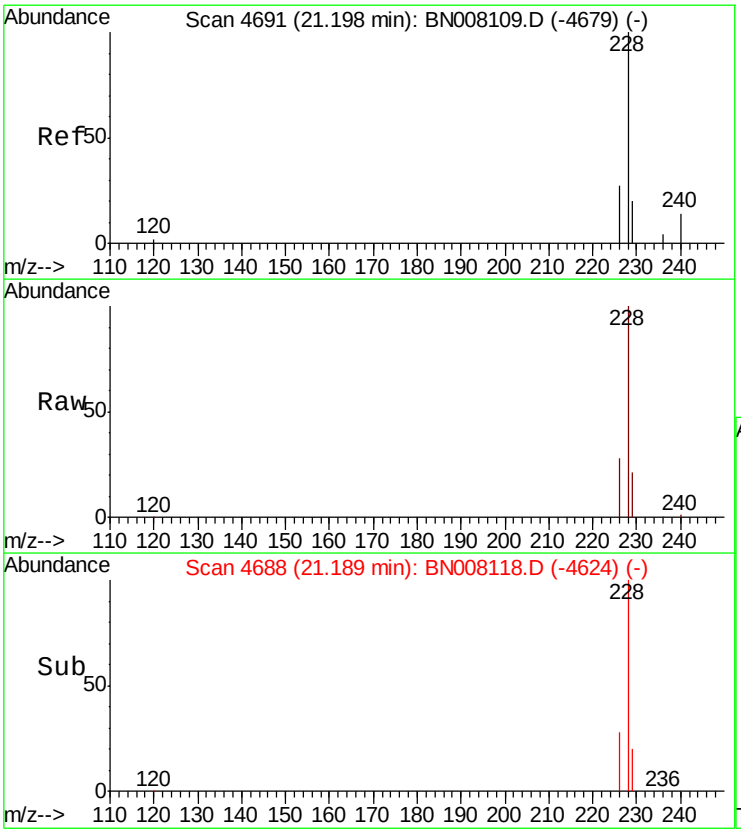
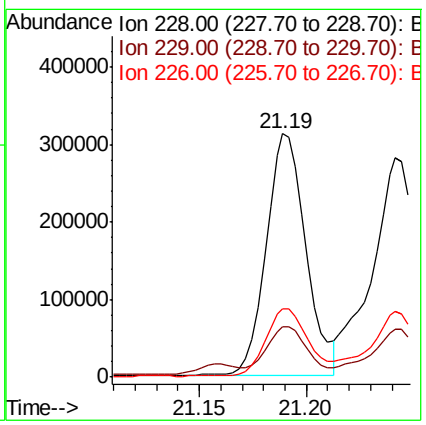
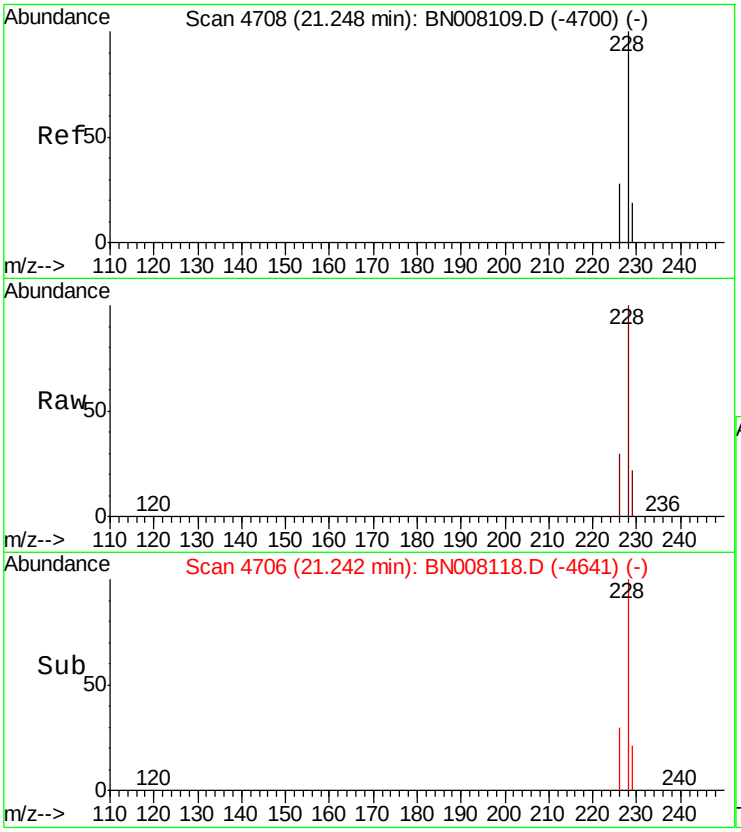


#18
Benzo(a)anthracene
Concen: 6.382 ng/ul m
RT: 21.19 min Scan# 4688
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:228 Resp: 404009

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	28.2	21.4	32.0

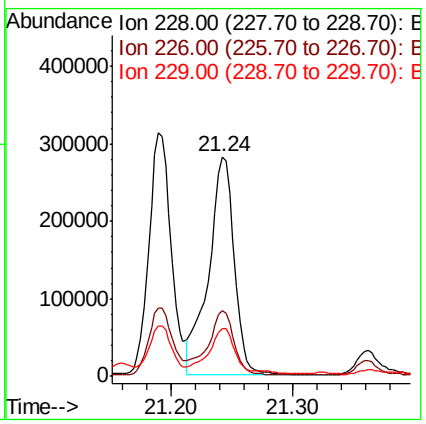




#19
Chrysene
Concen: 5.289 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:228 Resp: 410948

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.9	16.2	24.2



Instrument :
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ClientSampleId :
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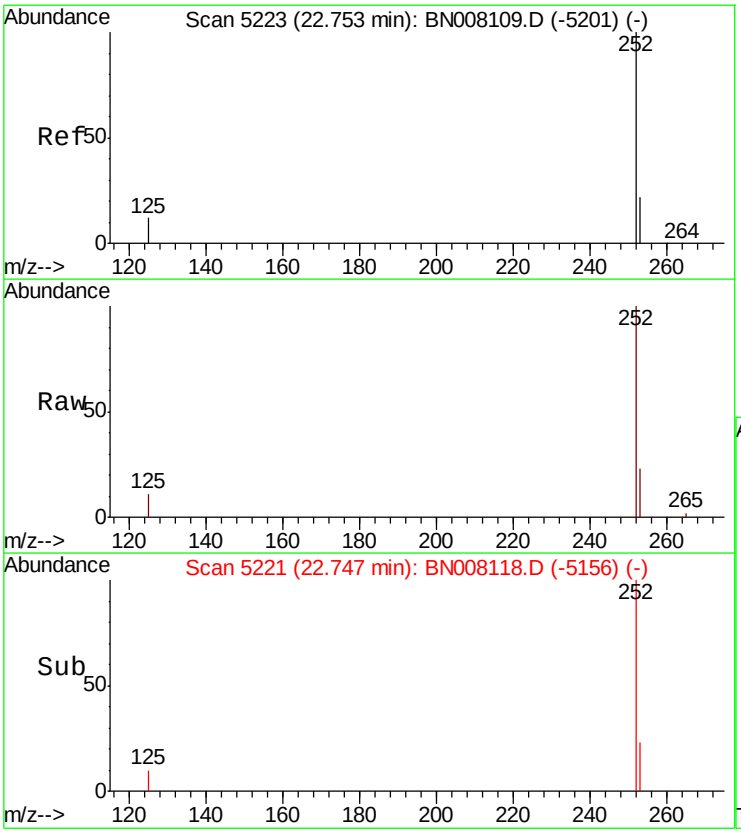
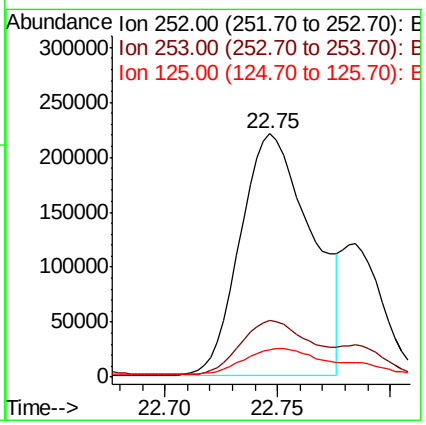
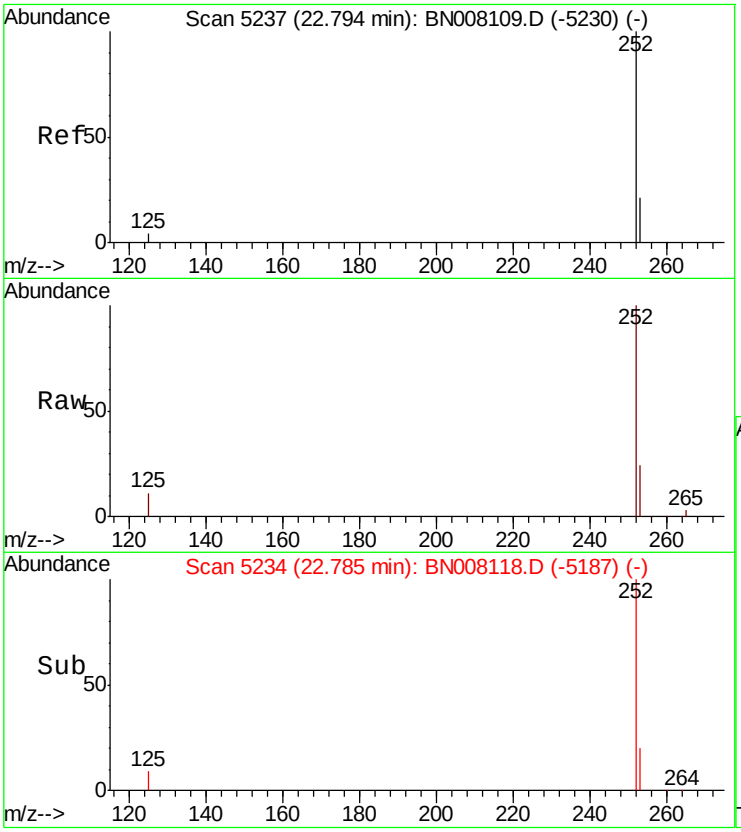


#21
Benzo(b)fluoranthene
Concen: 8.981 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:252 Resp: 479860

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	11.3	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 2.408 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:252 Resp: 145737

Ion	Ratio	Lower	Upper
252	100		
253	24.2	21.3	31.9
125	10.9	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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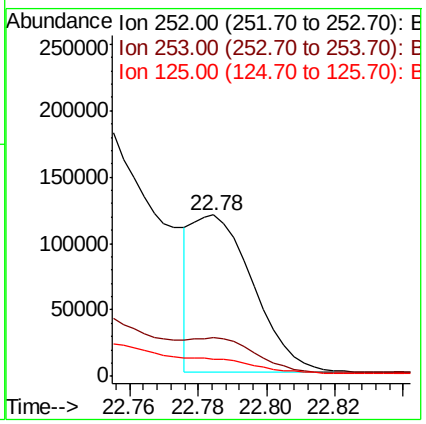
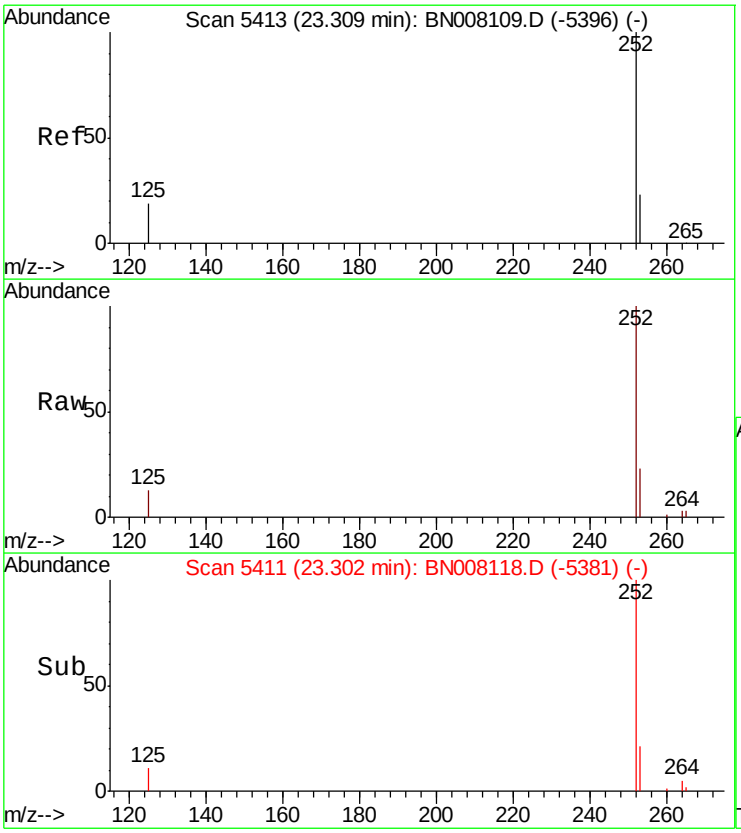
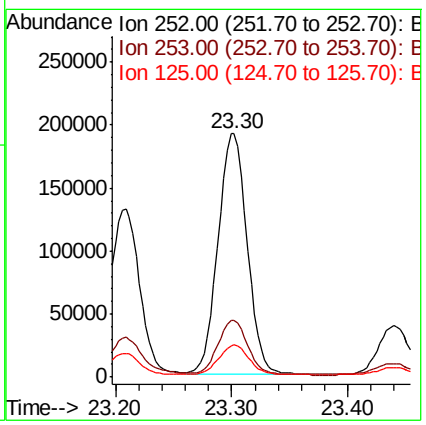


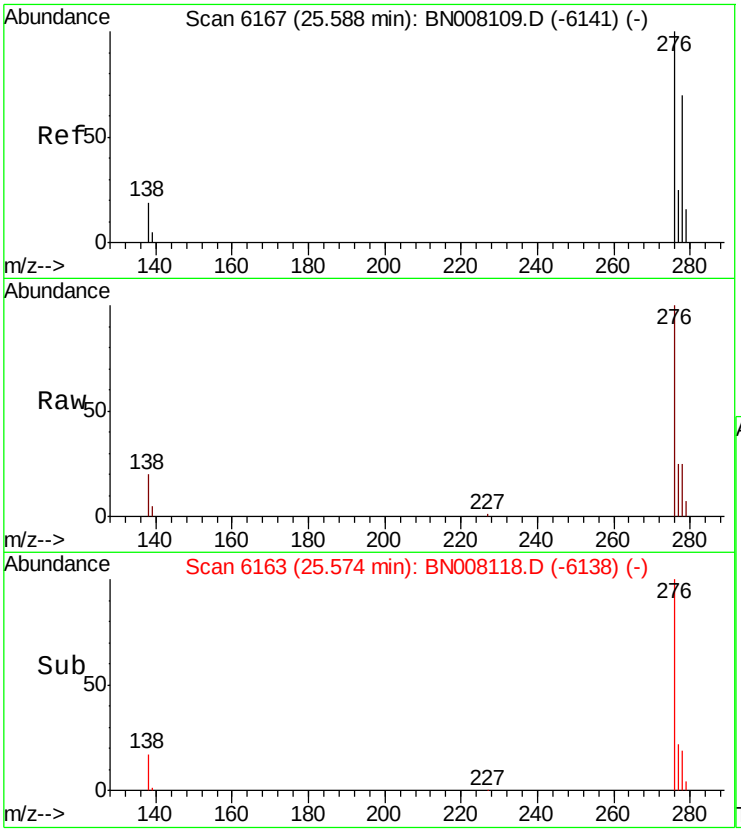


#23
Benzo(a)pyrene
Concen: 5.926 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:252 Resp: 333193

Ion	Ratio	Lower	Upper
252	100		
253	23.2	22.8	34.2
125	13.1	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.724 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:276 Resp: 180379

Ion	Ratio	Lower	Upper
276	100		
138	19.1	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
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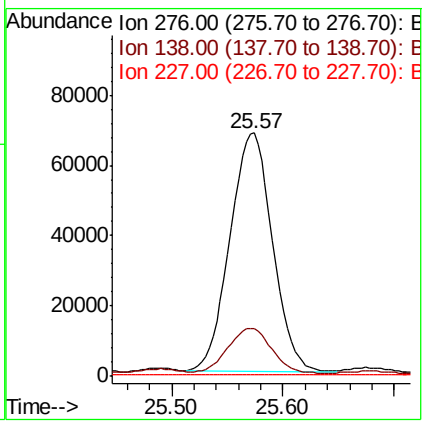
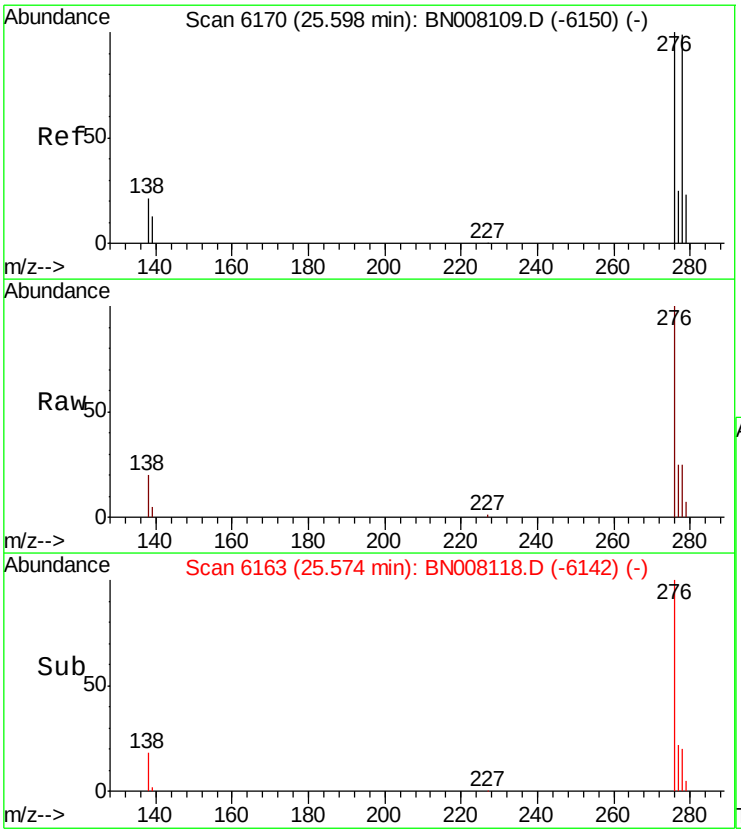
10/15/2019 7:59:07 AM

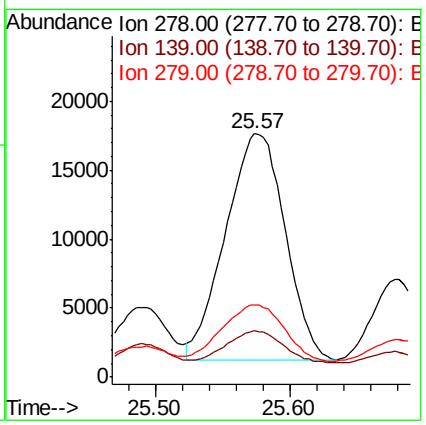


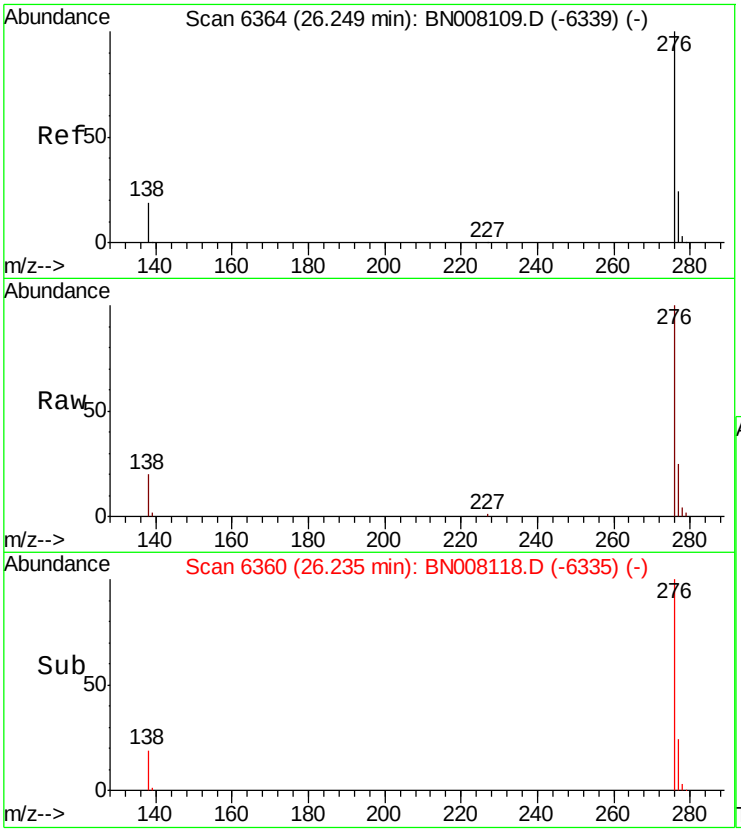


#25
Dibenzo(a,h)anthracene
Concen: 0.959 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.03 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:278 Resp: 50220

Ion	Ratio	Lower	Upper
278	100		
139	19.1	15.0	22.6
279	29.4	22.4	33.6

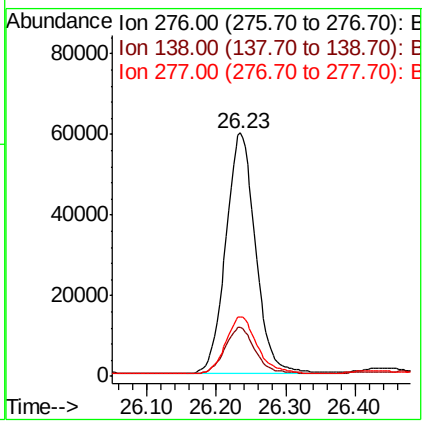




#26
Benzo(g,h,i)perylene
Concen: 2.902 ng/ul
RT: 26.23 min Scan# 6360
Delta R.T. -0.02 min
Lab File: BN008118.D
Acq: 12 Oct 2019 18:20

Tgt Ion:276 Resp: 176206

Ion	Ratio	Lower	Upper
276	100		
138	20.1	17.0	25.4
277	24.6	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPF2

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:07 AM