Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008123.D
Acq On : 12 Oct 2019 22:31
Operator : JU
Sample : K5178-22
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEPJ4

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:19 AM

Quant Time: Oct 13 04:33:41 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	2041	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	9978	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	6561	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	15346m	0.40	ng/ul	0.00
16) Chrysene-d12	21.20	240	16066m	0.40	ng/ul	-0.01
20) Perylene-d12	23.39	264	14495m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	2928	0.17	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	9878m	0.19	ng/ul	-0.01
Target Compounds						Qvalue
3) Naphthalene	10.44	128	4233	0.149	ng/ul	95
5) 2-Methylnaphthalene	12.07	142	2640	0.135	ng/ul	100
7) Acenaphthylene	13.98	152	15352	0.491	ng/ul	99
8) Acenaphthene	14.32	153	5471	0.225	ng/ul	99
9) Fluorene	15.31	166	7596	0.275	ng/ul	97
12) Phenanthrene	17.05	178	193577m	4.308	ng/ul	
13) Anthracene	17.14	178	39320m	0.994	ng/ul	
15) Fluoranthene	19.07	202	461443m	7.776	ng/ul	
17) Pyrene	19.43	202	487474	7.620	ng/ul	99
18) Benzo(a)anthracene	21.19	228	297381m	5.091	ng/ul	
19) Chrysene	21.24	228	309009	4.311	ng/ul	98
21) Benzo(b)fluoranthene	22.74	252	311949m	6.611	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	106217m	1.987	ng/ul	
23) Benzo(a)pyrene	23.30	252	237126	4.776	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.57	276	118624	2.028	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.57	278	32833	0.710	ng/ul	97
26) Benzo(g,h,i)perylene	26.23	276	117124	2.184	ng/ul	98

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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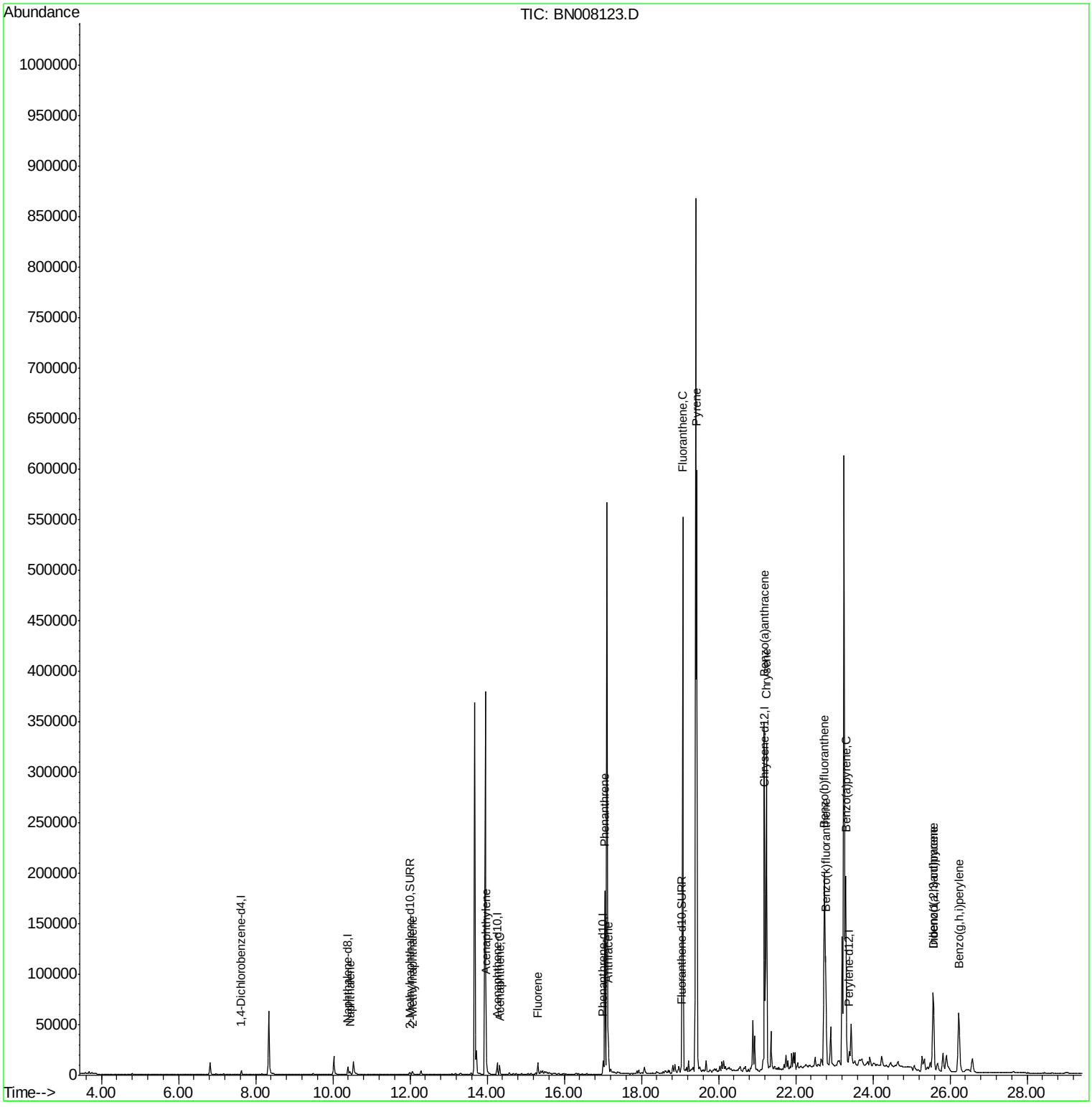
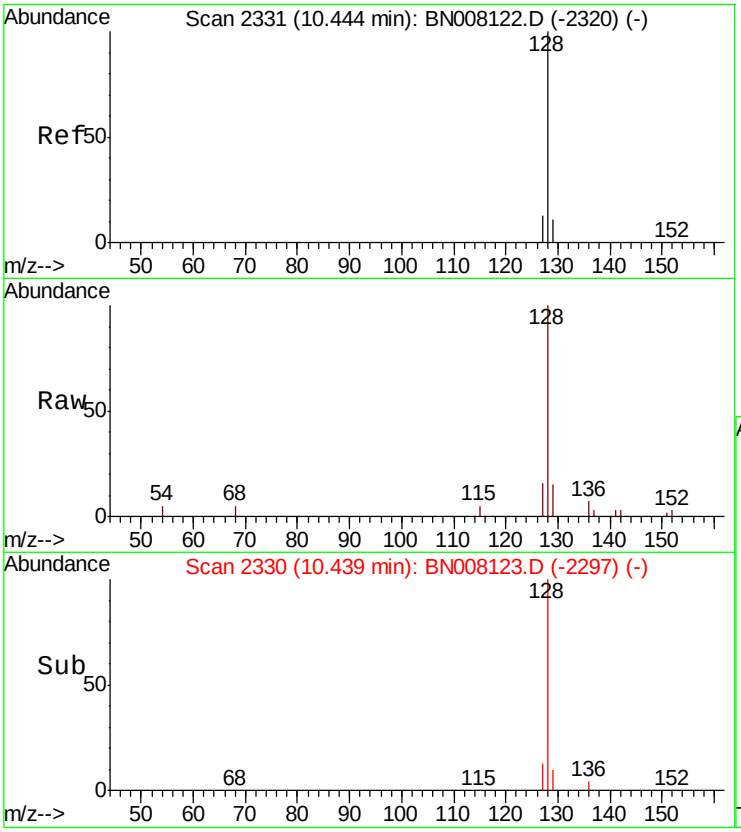
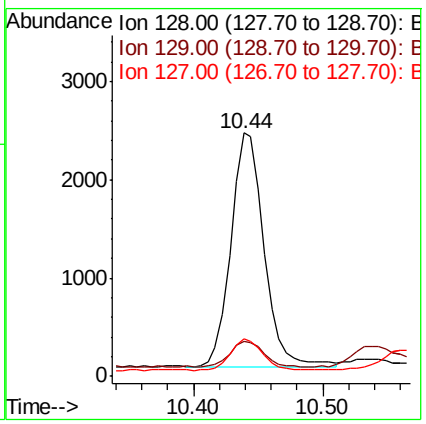




#3
Naphthalene
Concen: 0.149 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.02 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:128 Resp: 4233

Ion	Ratio	Lower	Upper
128	100		
129	14.6	9.8	14.8
127	15.5	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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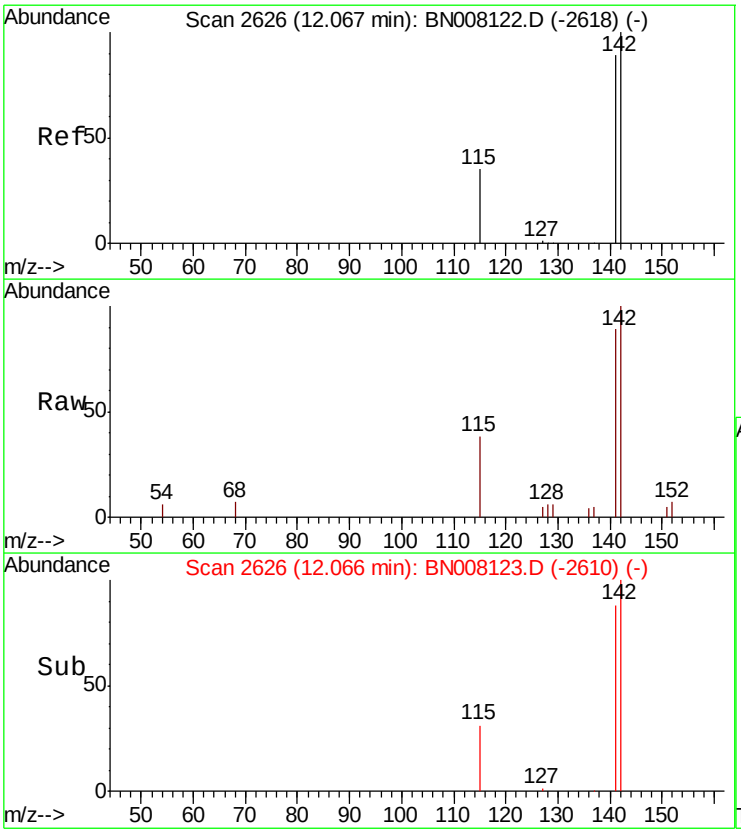
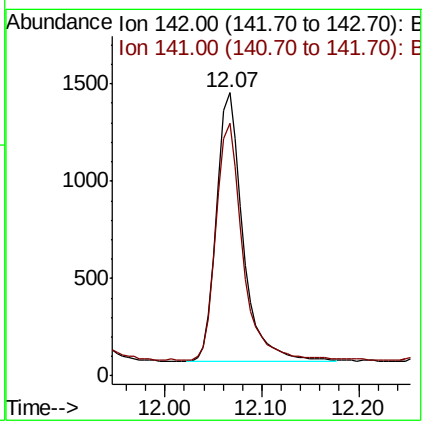
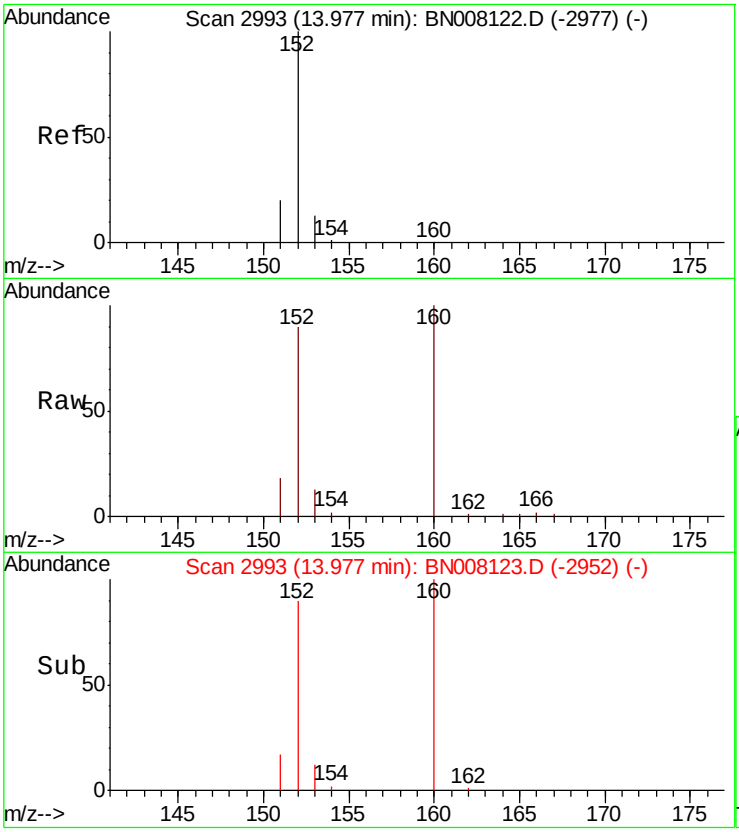


#5
2-Methylnaphthalene
Concen: 0.135 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:142 Resp: 2640

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2

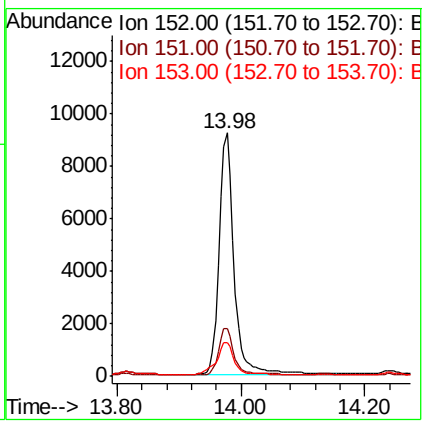




#7
Acenaphthylene
Concen: 0.491 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:152 Resp: 15352

Ion	Ratio	Lower	Upper
152	100		
151	19.9	16.2	24.4
153	14.0	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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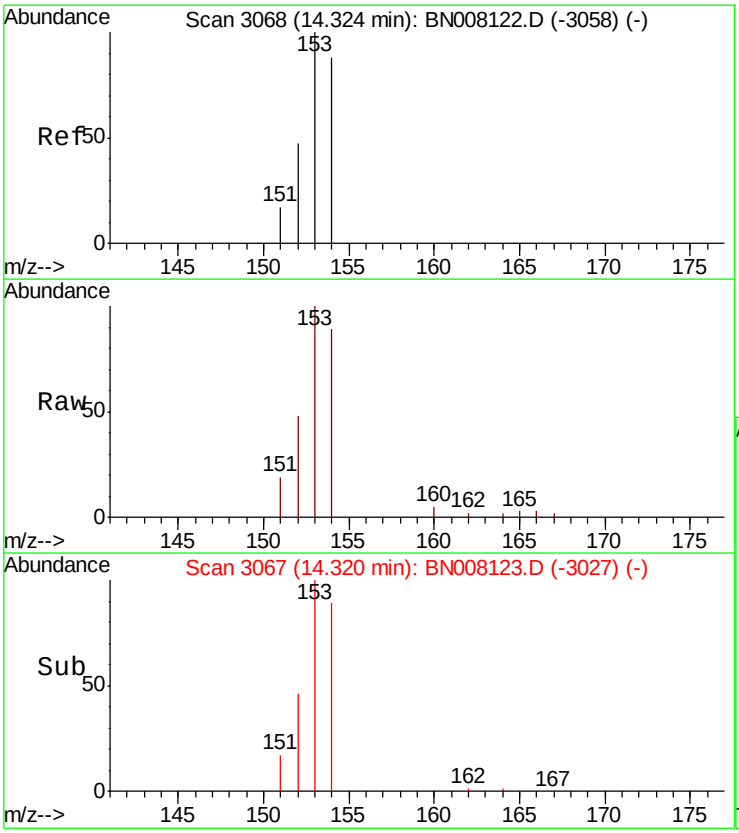
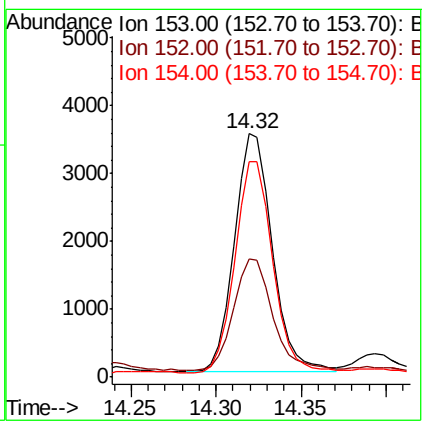
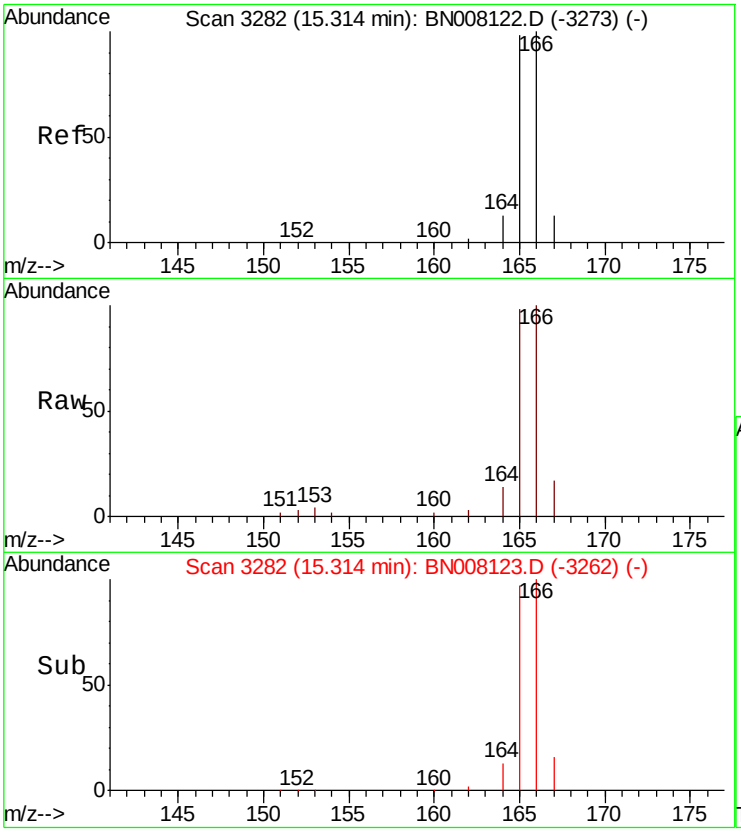


#8
Acenaphthene
Concen: 0.225 ng/ul
RT: 14.32 min Scan# 3067
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:153 Resp: 5471

Ion	Ratio	Lower	Upper
153	100		
152	48.4	38.2	57.2
154	88.6	71.8	107.8

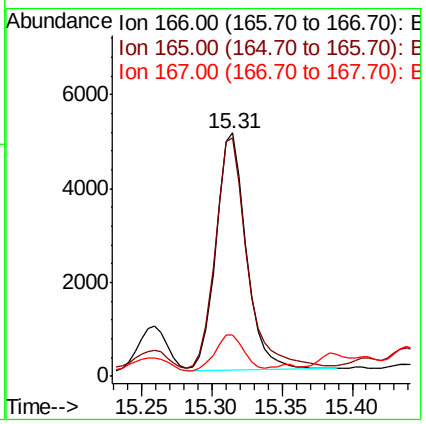




#9
Fluorene
Concen: 0.275 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:166 Resp: 7596

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	17.2	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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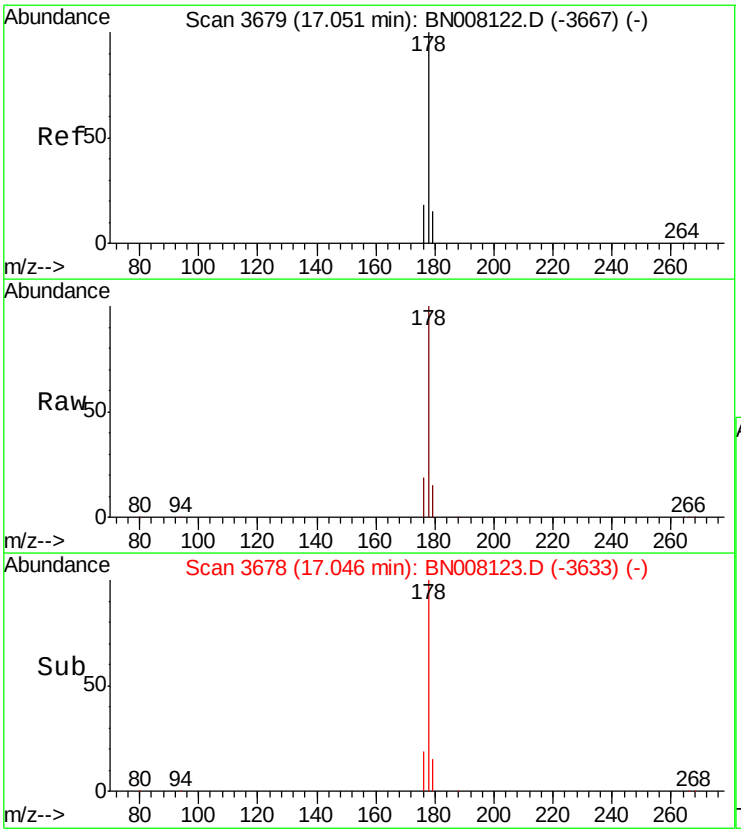
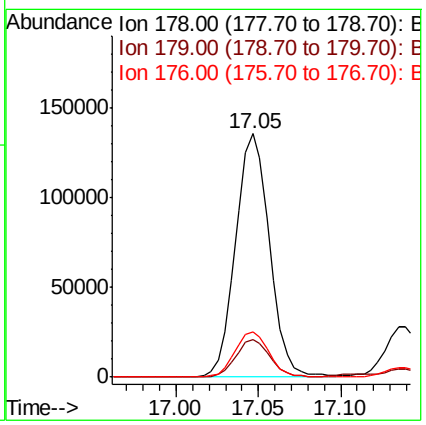
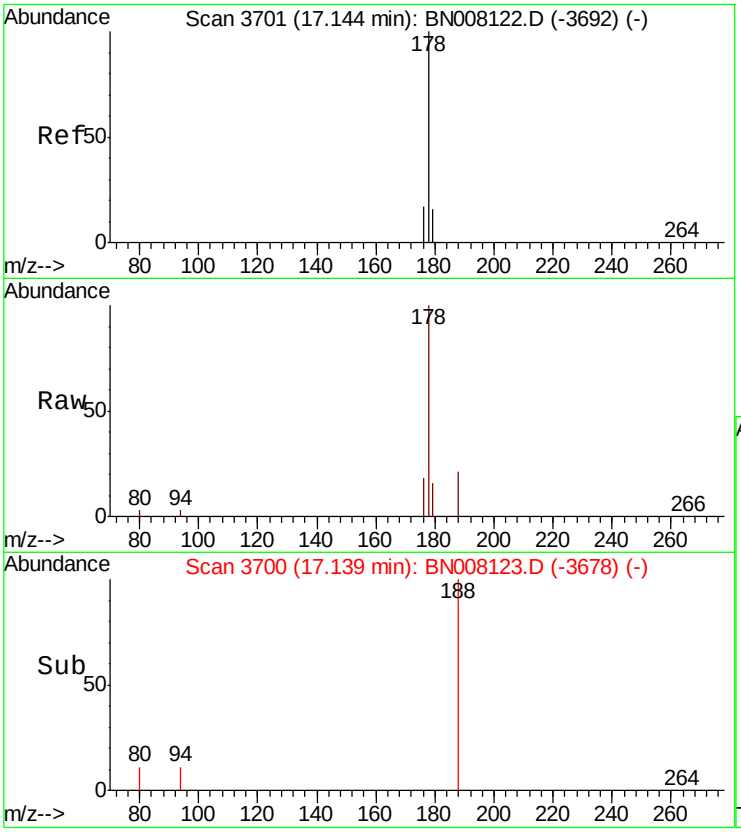


#12
Phenanthrene
Concen: 4.308 ng/ul m
RT: 17.05 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:178 Resp: 193577

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.6	15.4	23.2

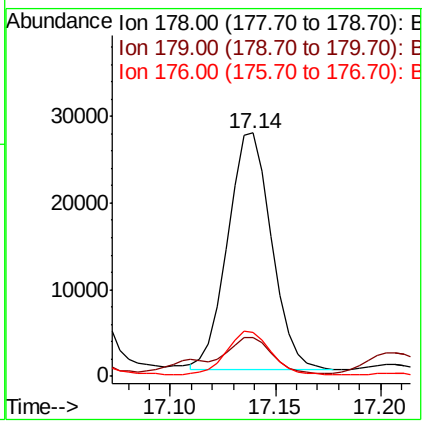




#13
Anthracene
Concen: 0.994 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:178 Resp: 39320

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.6
176	18.0	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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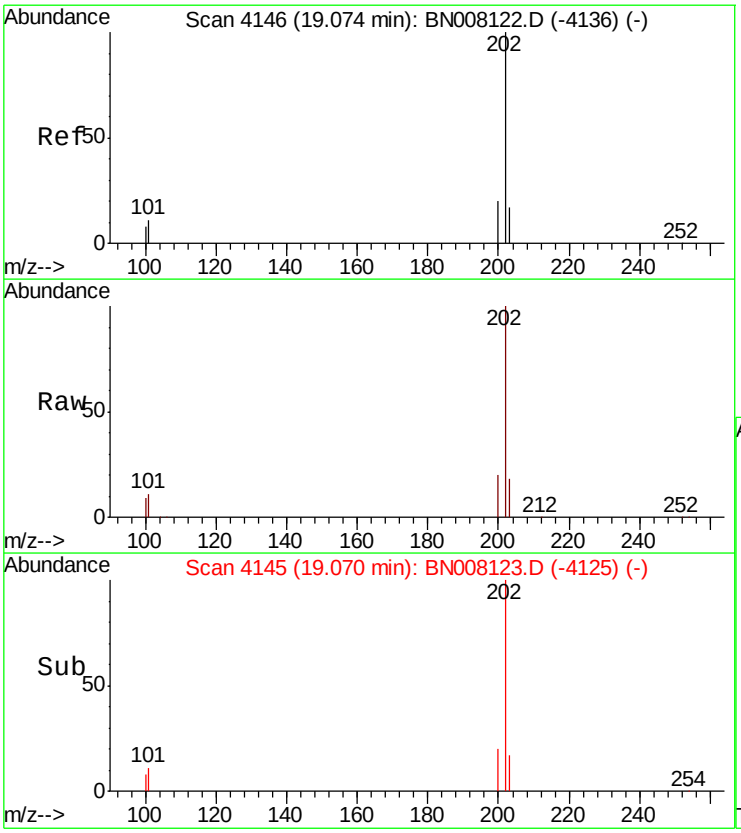
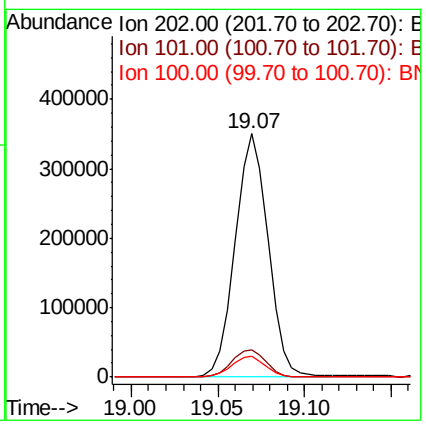
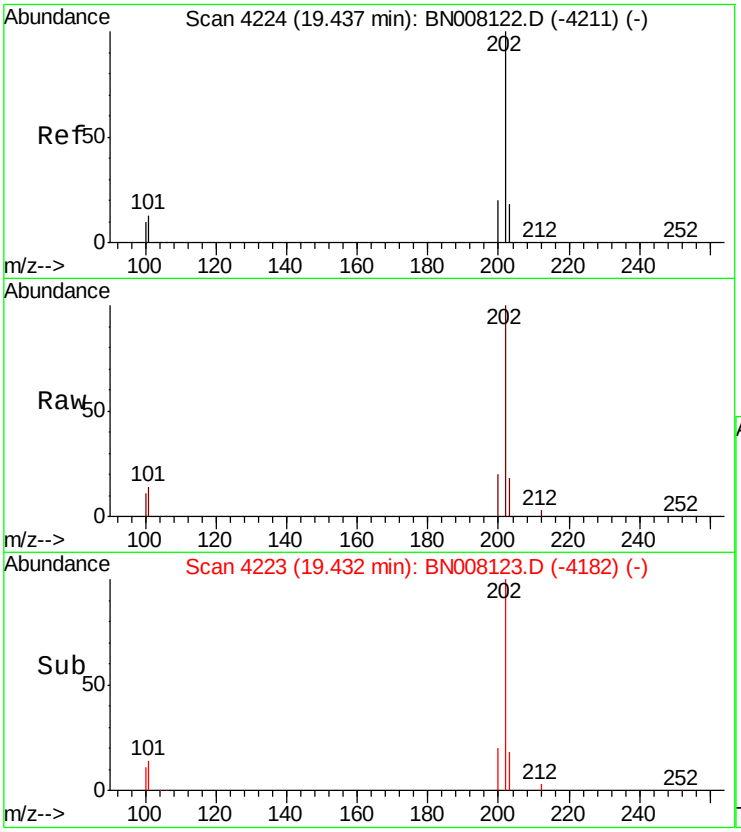


#15
Fluoranthene
Concen: 7.776 ng/ul m
RT: 19.07 min Scan# 4145
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:202 Resp: 461443

Ion	Ratio	Lower	Upper
202	100		
101	11.4	0.0	31.2
100	8.6	0.0	28.5

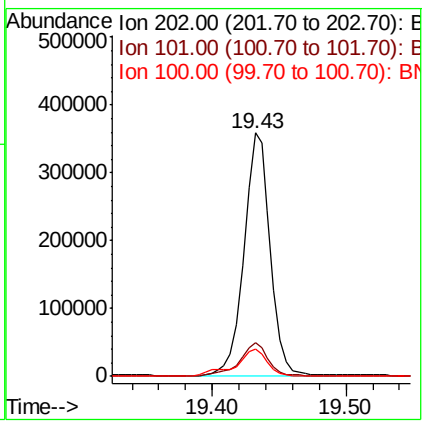




#17
Pyrene
Concen: 7.620 ng/ul
RT: 19.43 min Scan# 4223
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:202 Resp: 487474

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.2	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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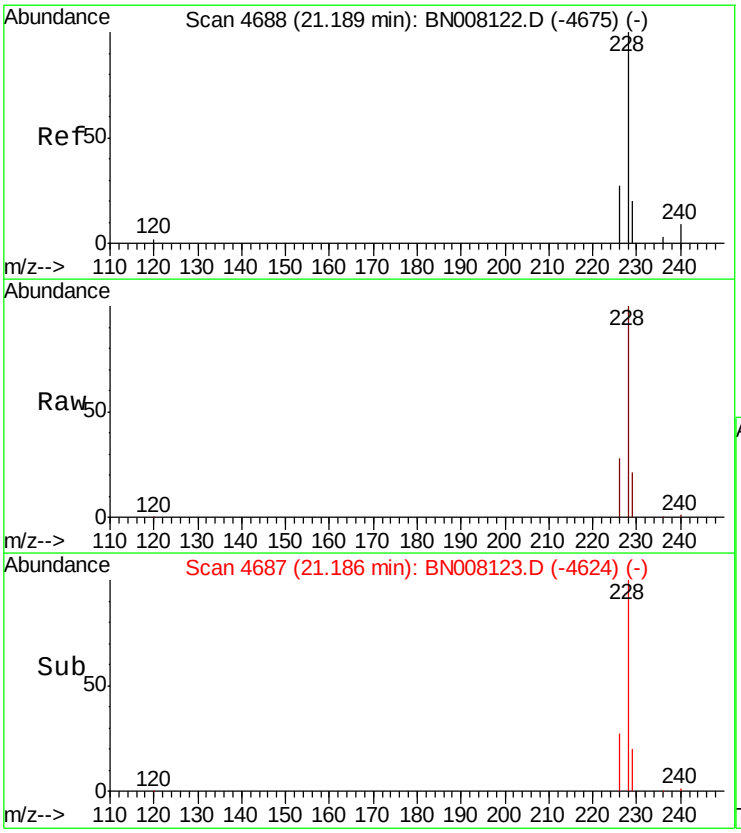
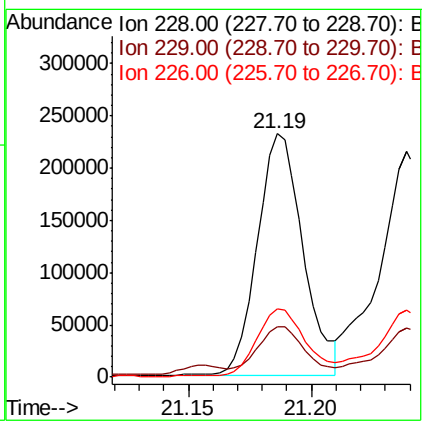
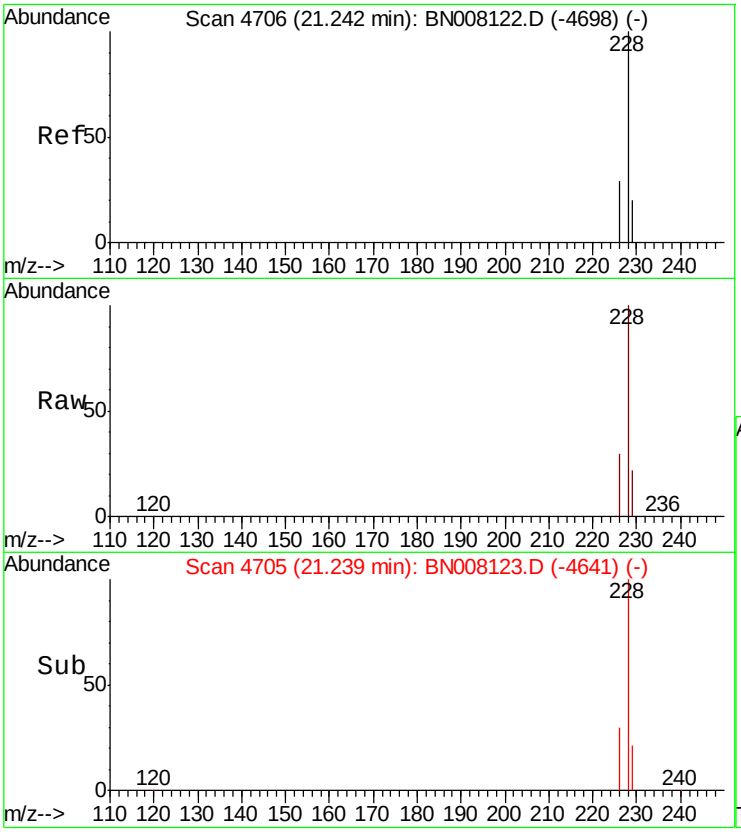


#18
Benzo(a)anthracene
Concen: 5.091 ng/ul m
RT: 21.19 min Scan# 4687
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:228 Resp: 297381

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.9	21.4	32.0

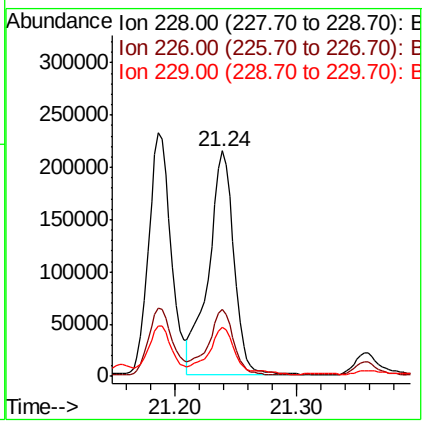




#19
Chrysene
Concen: 4.311 ng/ul
RT: 21.24 min Scan# 4705
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:228 Resp: 309009

Ion	Ratio	Lower	Upper
228	100		
226	29.8	24.1	36.1
229	21.7	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPJ4

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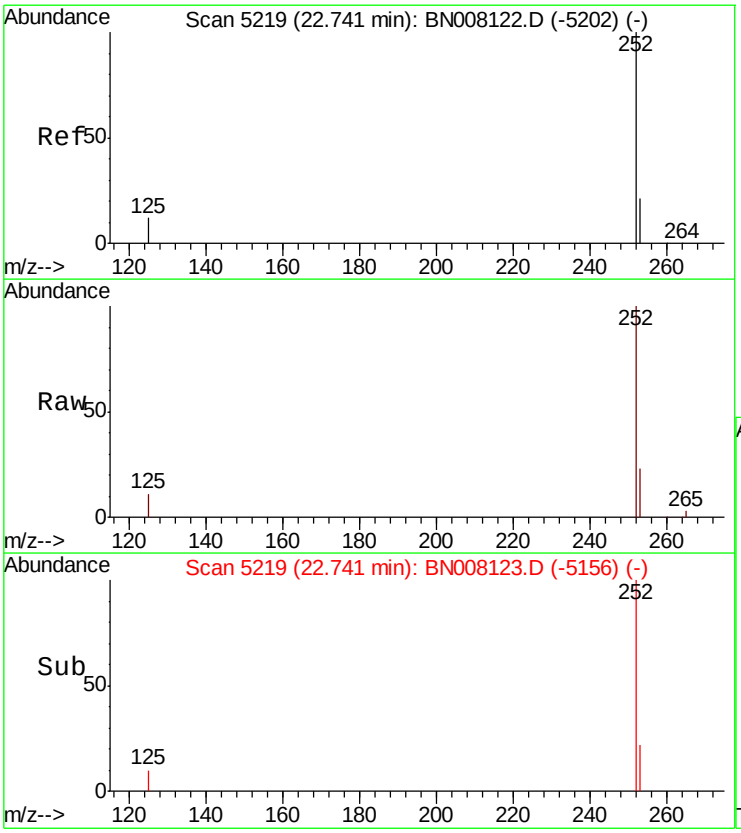
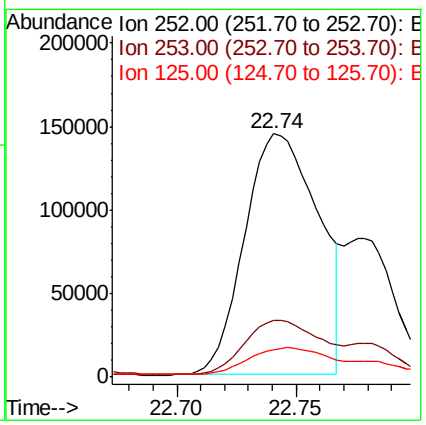
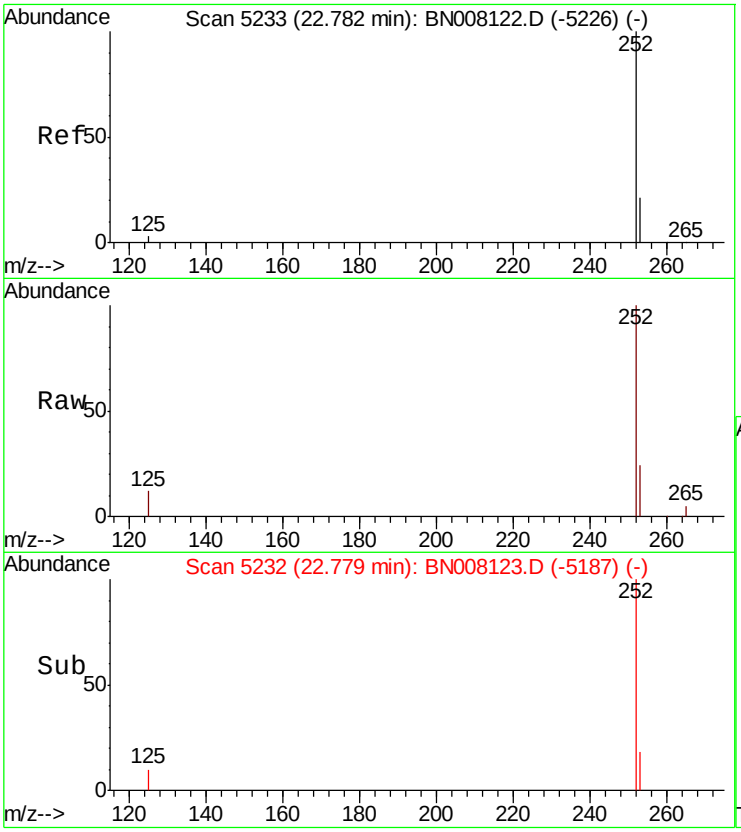


#21
Benzo(b)fluoranthene
Concen: 6.611 ng/ul m
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:252 Resp: 311949

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	11.4	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 1.987 ng/ul m
RT: 22.78 min Scan# 5232
Delta R.T. -0.02 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:252 Resp: 106217

Ion	Ratio	Lower	Upper
252	100		
253	24.3	21.3	31.9
125	11.6	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
BEPJ4

Manual Integrations APPROVED
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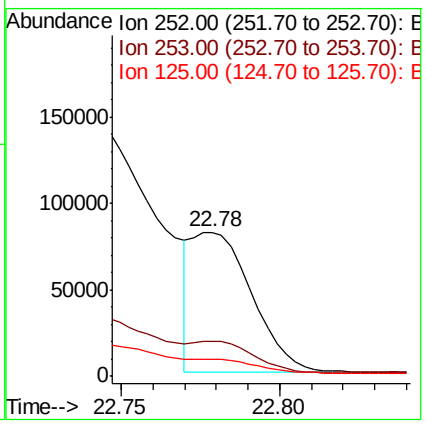
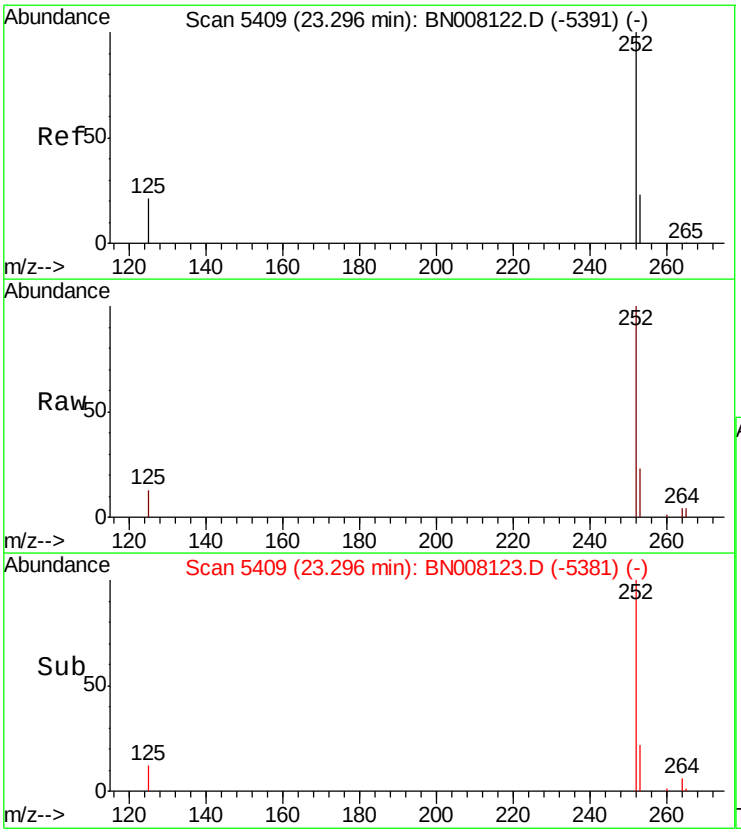
10/15/2019 7:59:19 AM

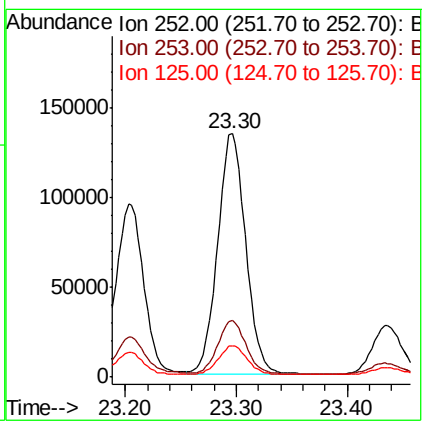


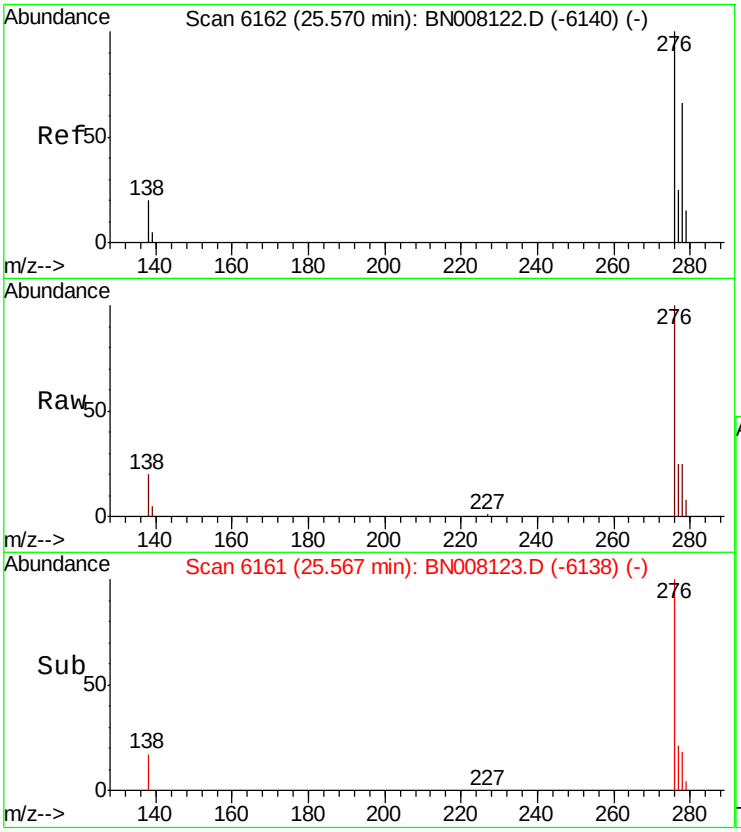


#23
Benzo(a)pyrene
Concen: 4.776 ng/ul
RT: 23.30 min Scan# 5409
Delta R.T. -0.02 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:252 Resp: 237126

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	13.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 2.028 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.02 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:276 Resp: 118624

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

Instrument :
BNA_N
ClientSampleId :
BEPJ4

Manual Integrations APPROVED
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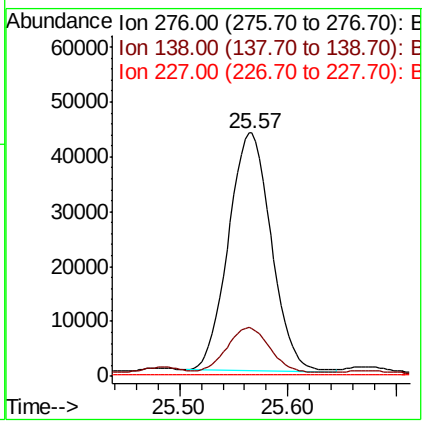
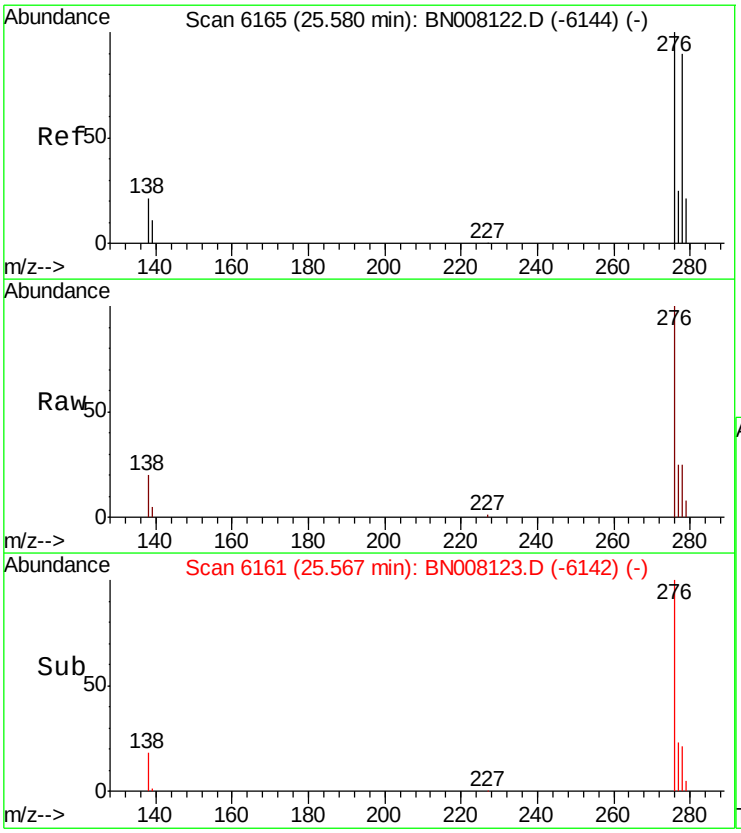
10/15/2019 7:59:19 AM

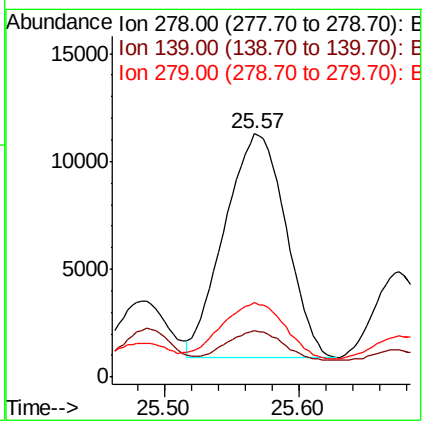


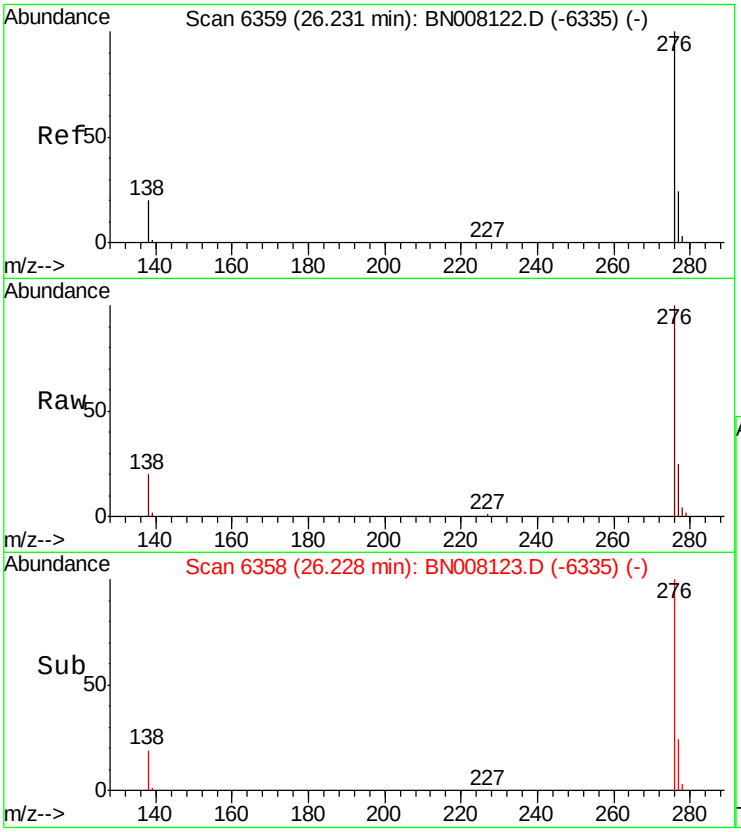


#25
Dibenzo(a,h)anthracene
Concen: 0.710 ng/ul
RT: 25.57 min Scan# 6161
Delta R.T. -0.04 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:278 Resp: 32833

Ion	Ratio	Lower	Upper
278	100		
139	19.0	15.0	22.6
279	30.4	22.4	33.6

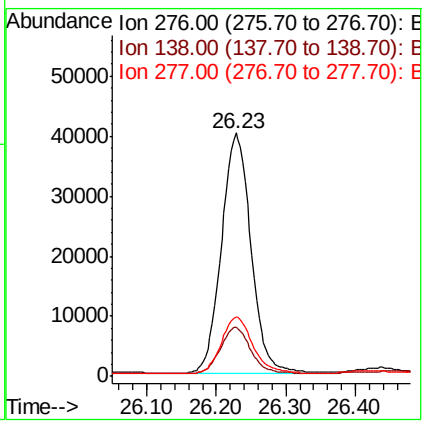




#26
Benzo(g,h,i)perylene
Concen: 2.184 ng/ul
RT: 26.23 min Scan# 6358
Delta R.T. -0.02 min
Lab File: BN008123.D
Acq: 12 Oct 2019 22:31

Tgt Ion:276 Resp: 117124

Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.0	25.4
277	24.5	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ4

Manual Integrations APPROVED
mohammad
10/15/2019 7:59:19 AM