Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008390.D
Acq On : 24 Oct 2019 16:37
Operator : JU
Sample : K5235-15DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 24 17:25:22 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 : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPB5DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	2013	0.40	ng/ul	0.00
2) Naphthalene-d8	10.34	136	9700	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	6176	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	13384	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11300	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9211	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	562	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	1639	0.04	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	1885	0.068	ng/ul#	91
5) 2-Methylnaphthalene	12.02	142	1042	0.055	ng/ul	99
7) Acenaphthylene	13.93	152	4659	0.158	ng/ul	97
8) Acenaphthene	14.27	153	2437	0.107	ng/ul	98
9) Fluorene	15.27	166	3313	0.128	ng/ul#	96
12) Phenanthrene	17.00	178	63206	1.613	ng/ul	99
13) Anthracene	17.09	178	13633	0.395	ng/ul	99
15) Fluoranthene	19.03	202	157863	3.050	ng/ul	99
17) Pyrene	19.39	202	182261	4.051	ng/ul	98
18) Benzo(a)anthracene	21.15	228	97277	2.368	ng/ul	98
19) Chrysene	21.20	228	108079	2.144	ng/ul	98
21) Benzo(b)fluoranthene	22.69	252	96494m	3.218	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	41748m	1.229	ng/ul	
23) Benzo(a)pyrene	23.24	252	73206	2.320	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.49	276	38771	1.043	ng/ul	98
25) Dibenzo(a,h)anthracene	25.49	278	10866	0.370	ng/ul	92
26) Benzo(g,h,i)perylene	26.14	276	40891	1.200	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008390.D
Acq On : 24 Oct 2019 16:37
Operator : JU
Sample : K5235-15DL 5X
Misc :
ALS Vial : 14 Sample Multiplier: 1

Quant Time: Oct 24 17:25:22 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 : Thu Oct 24 13:52:48 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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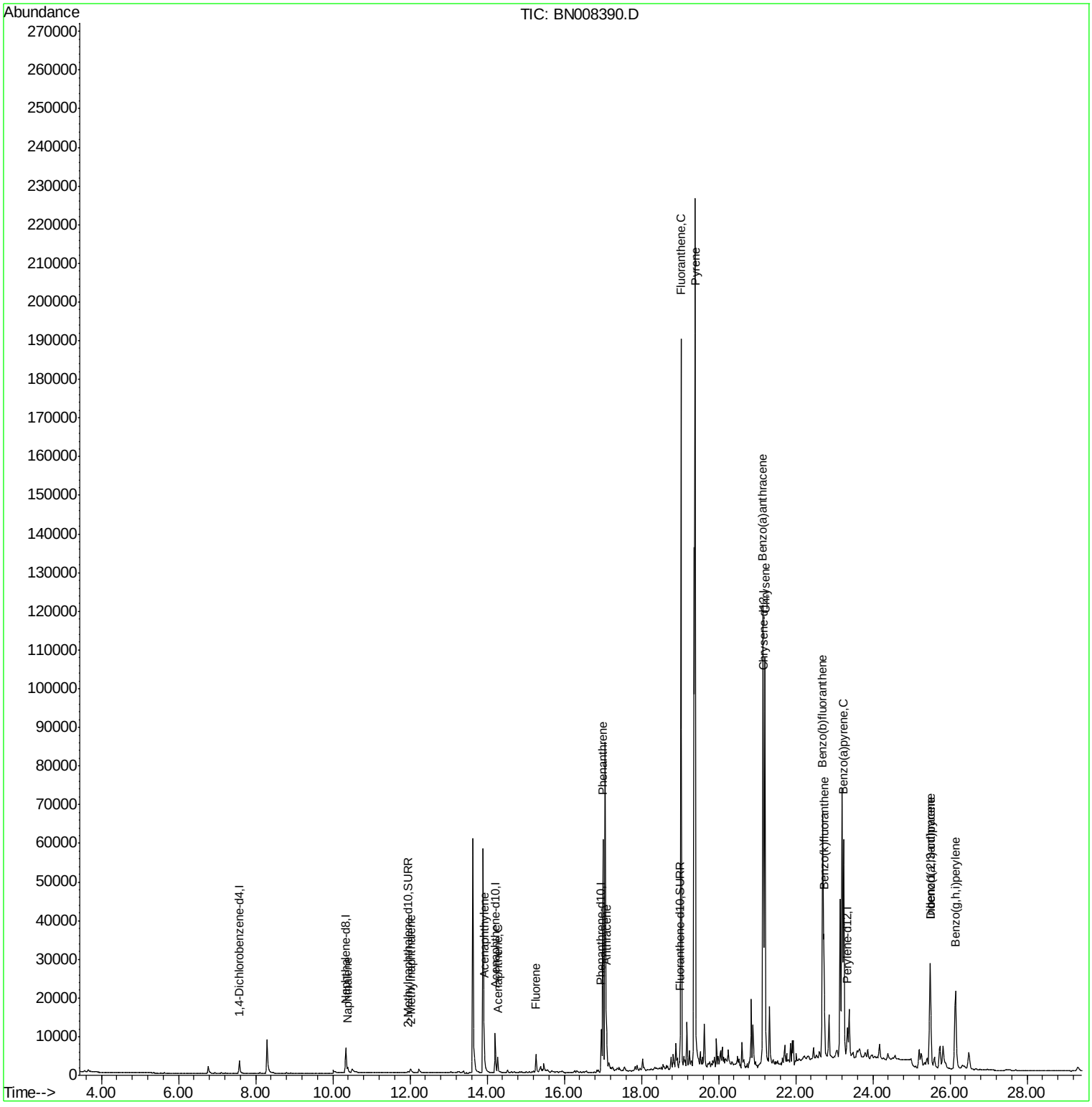

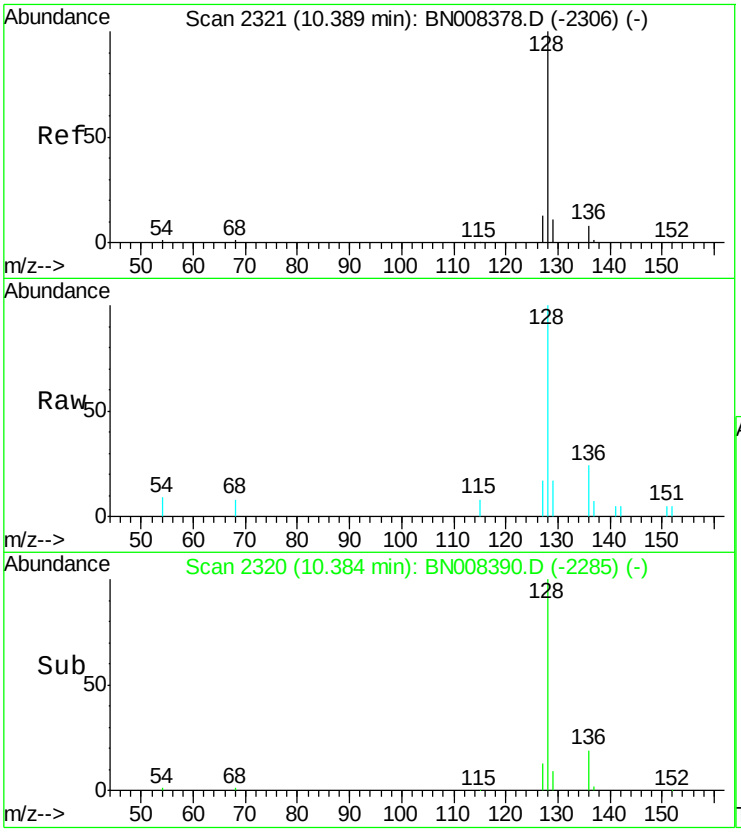

#3
Naphthalene
Concen: 0.068 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:128 Resp: 1885

Ion	Ratio	Lower	Upper
128	100		
129	16.5	9.8	14.8#
127	16.7	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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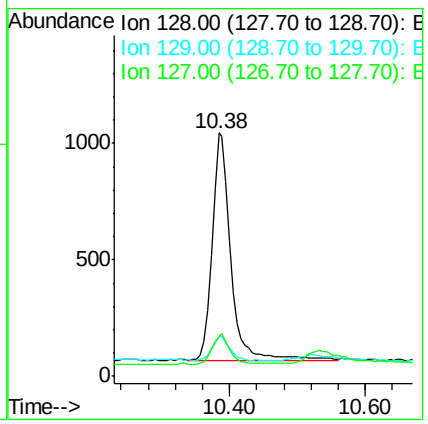
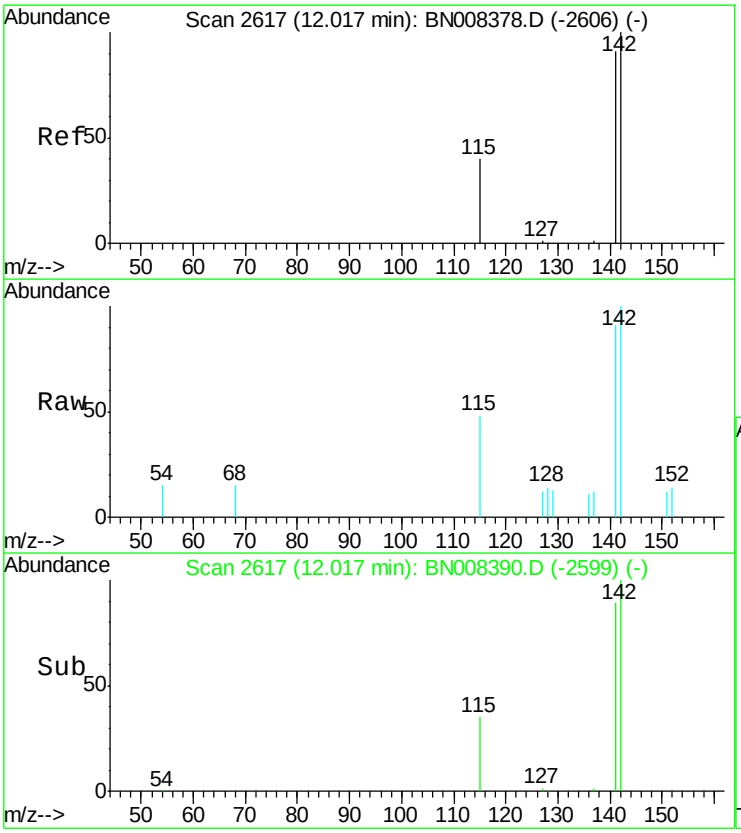
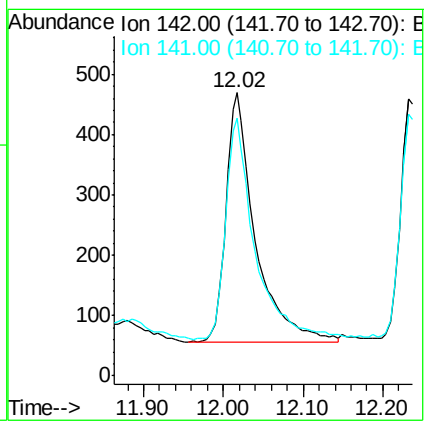


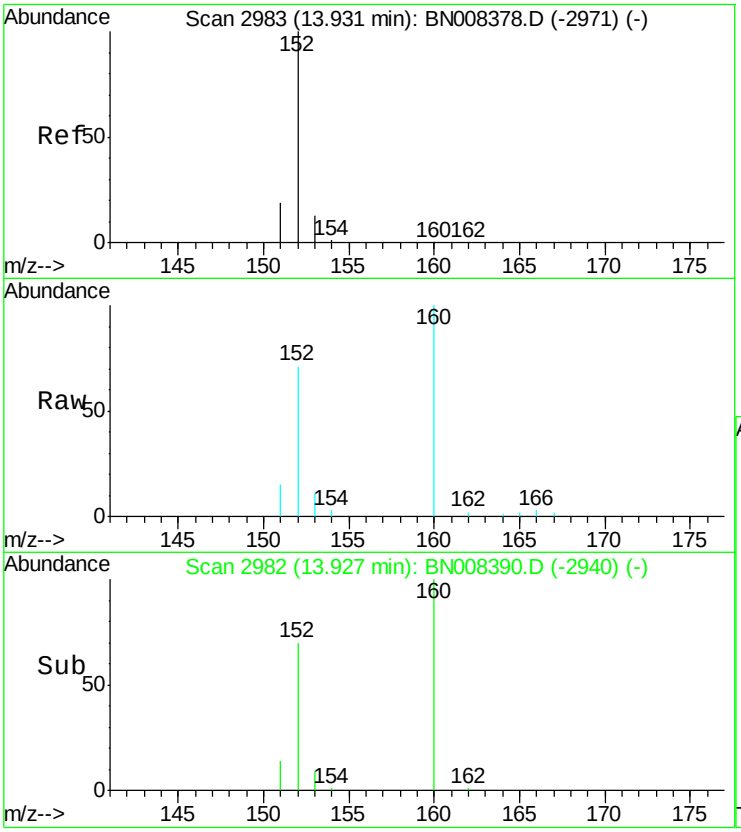


#5
2-Methylnaphthalene
Concen: 0.055 ng/ul
RT: 12.02 min Scan# 2617
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:142 Resp: 1042

Ion	Ratio	Lower	Upper
142	100		
141	88.7	71.4	107.2

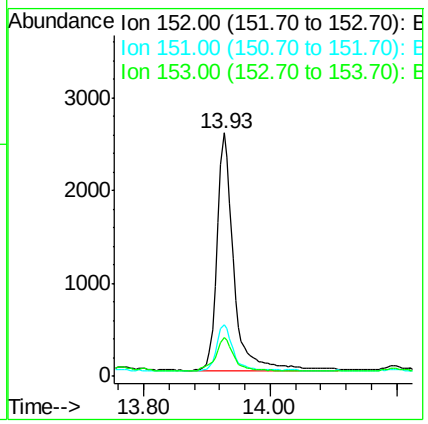




#7
Acenaphthylene
Concen: 0.158 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:152 Resp: 4659

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.4
153	15.7	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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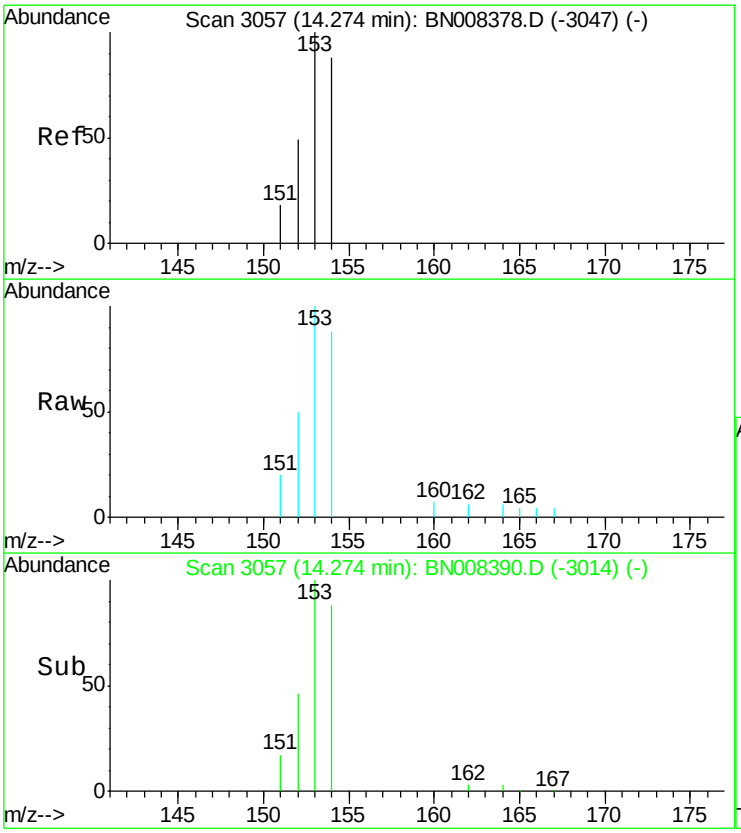
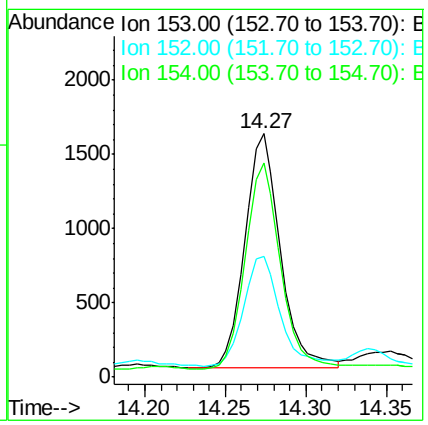
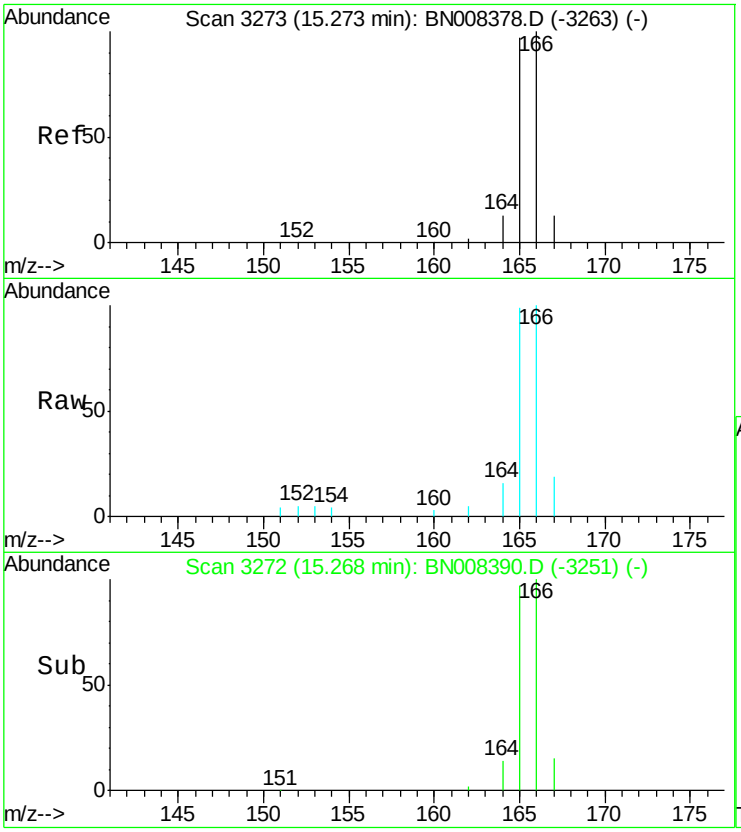


#8
Acenaphthene
Concen: 0.107 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:153 Resp: 2437

Ion	Ratio	Lower	Upper
153	100		
152	49.6	38.2	57.2
154	87.8	71.8	107.8

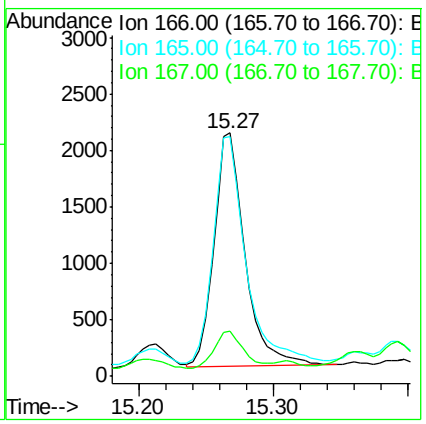




#9
Fluorene
Concen: 0.128 ng/ul
RT: 15.27 min Scan# 3272
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:166 Resp: 3313

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.6	115.0
167	18.5	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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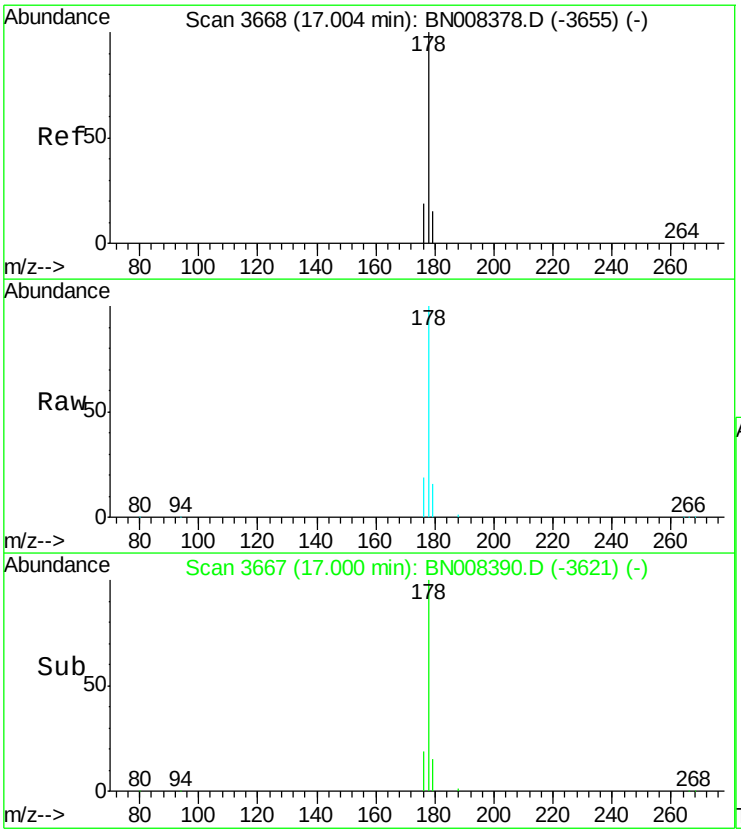
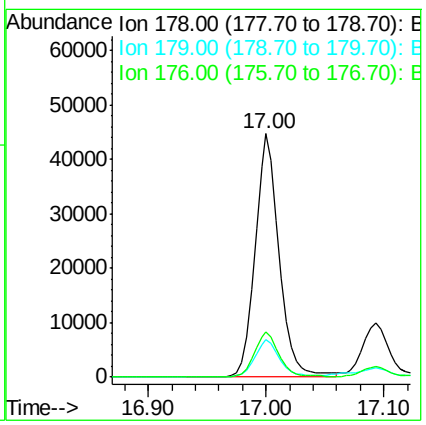
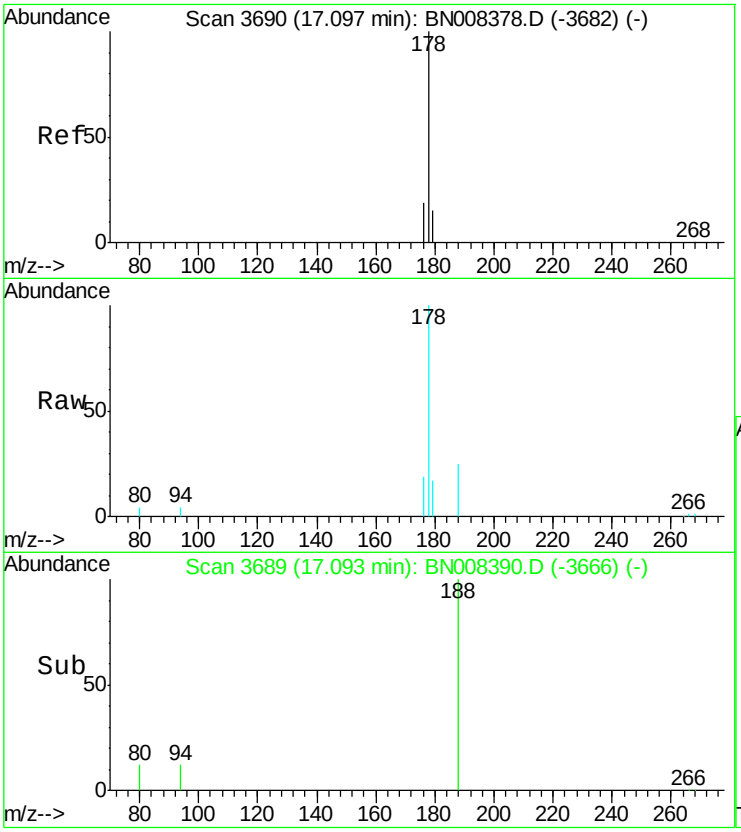


#12
Phenanthrene
Concen: 1.613 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:178 Resp: 63206

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

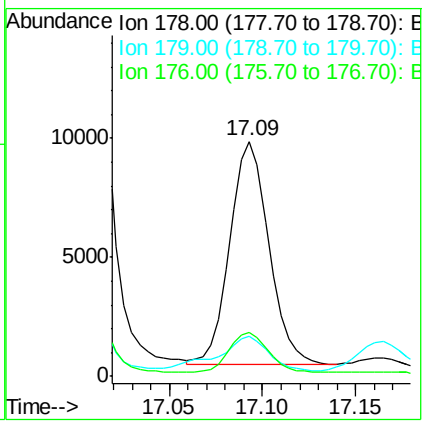




#13
Anthracene
Concen: 0.395 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:178 Resp: 13633

Ion	Ratio	Lower	Upper
178	100		
179	17.2	13.0	19.6
176	18.8	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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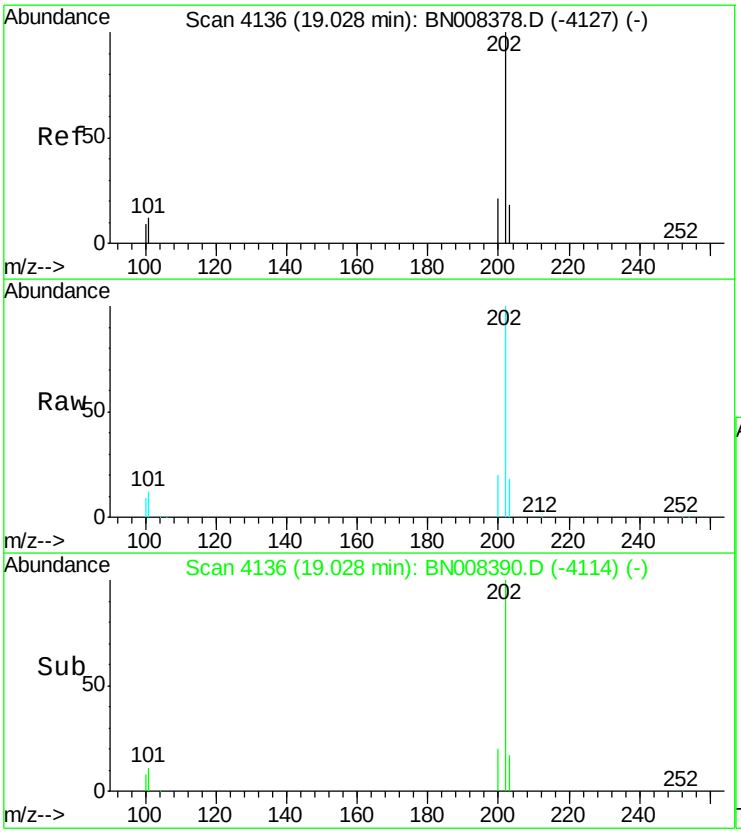
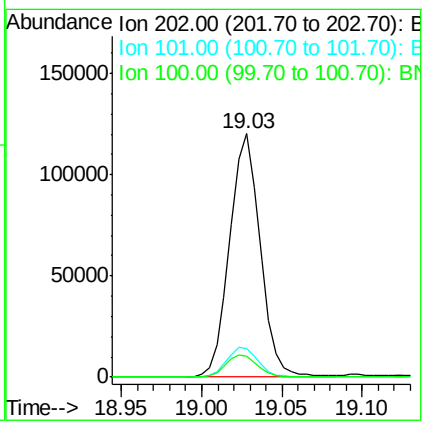
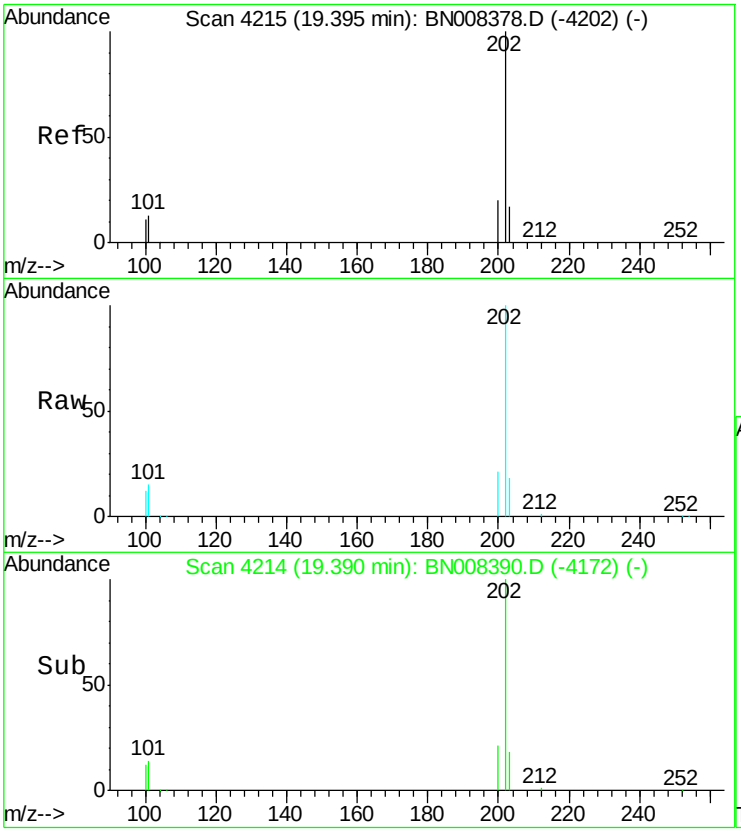


#15
Fluoranthene
Concen: 3.050 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:202 Resp: 157863

Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.2
100	8.6	0.0	28.5

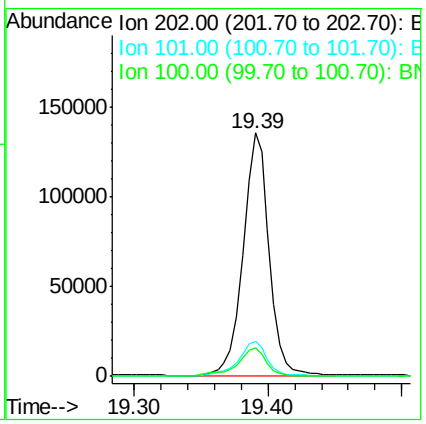




#17
Pyrene
Concen: 4.051 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:202 Resp: 182261

Ion	Ratio	Lower	Upper
202	100		
101	14.5	10.9	16.3
100	11.9	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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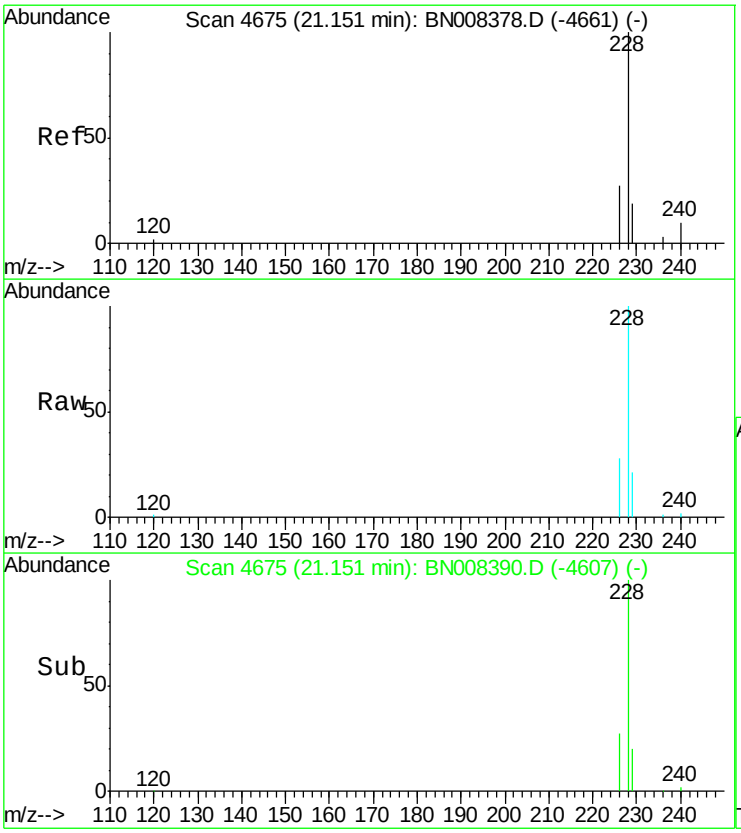
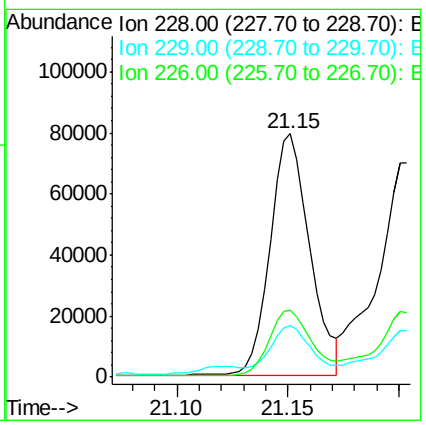
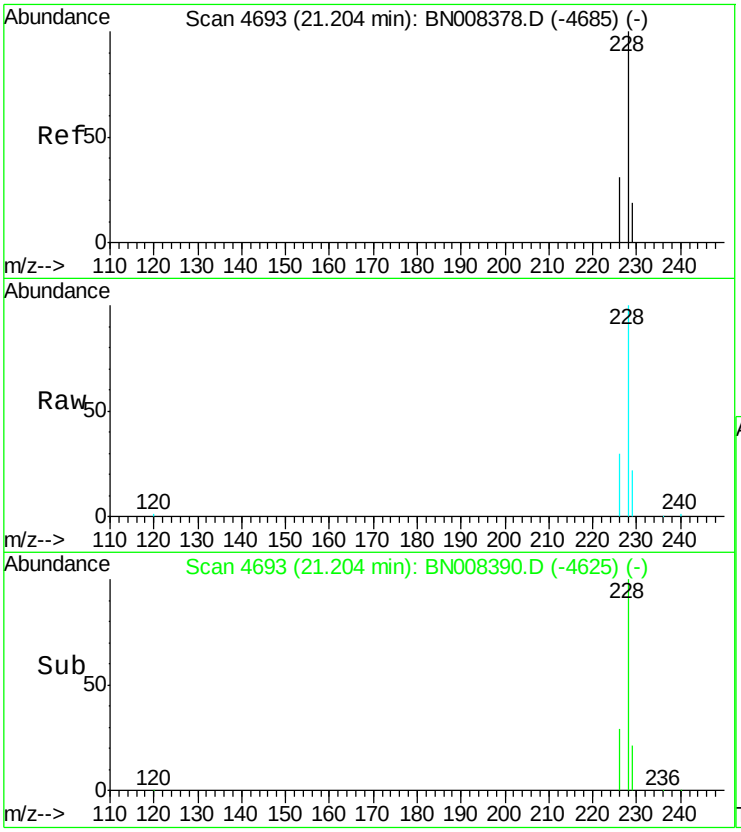


#18
Benzo(a)anthracene
Concen: 2.368 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:228 Resp: 97277

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	27.6	21.4	32.0

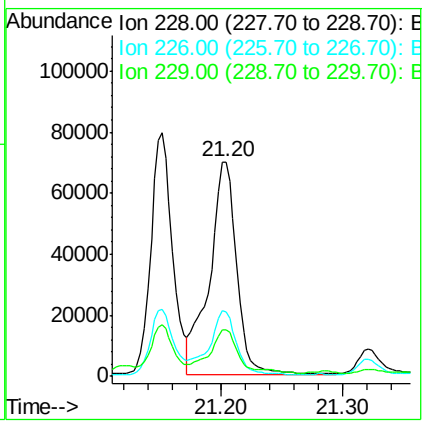




#19
Chrysene
Concen: 2.144 ng/ul
RT: 21.20 min Scan# 4693
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:228 Resp: 108079

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	22.0	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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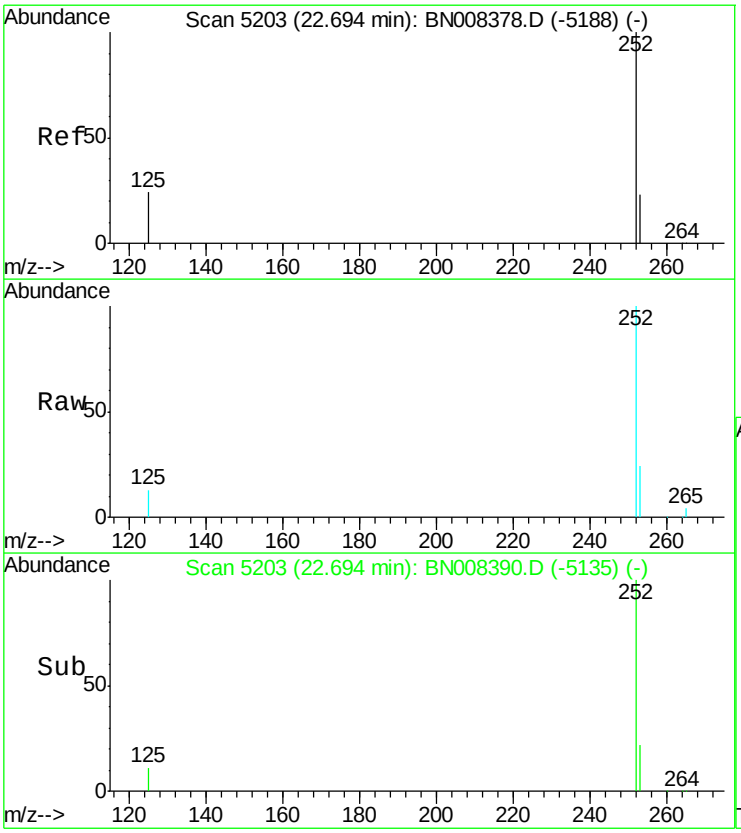
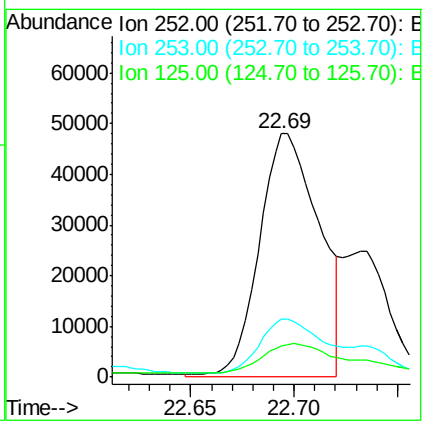
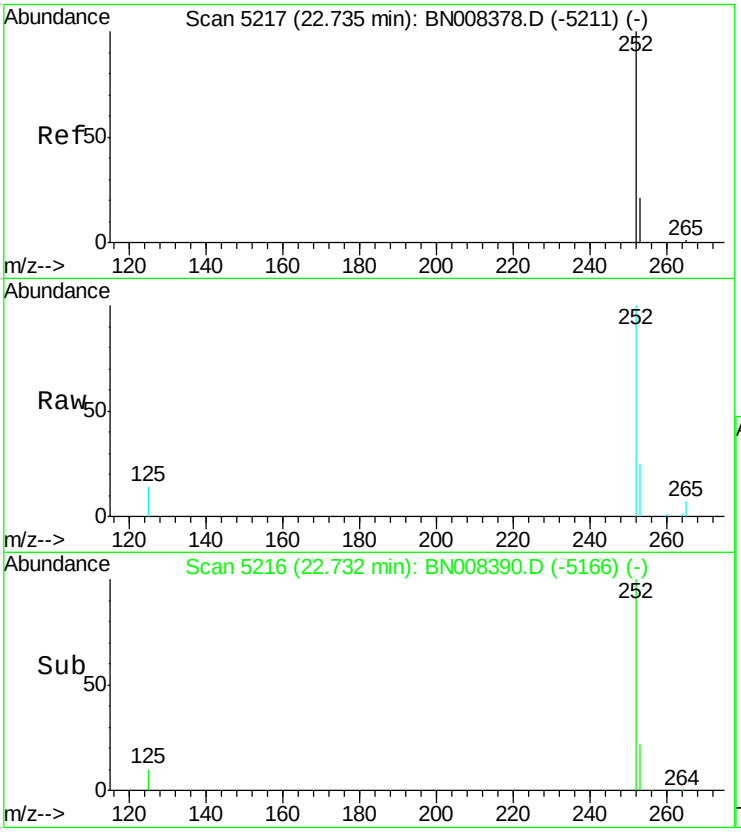


#21
Benzo(b)fluoranthene
Concen: 3.218 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:252 Resp: 96494

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	53.4
125	12.8	0.0	32.4

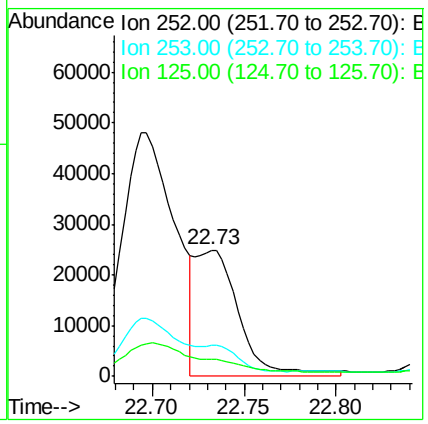




#22
Benzo(k)fluoranthene
Concen: 1.229 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:252 Resp: 41748

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.3	31.9
125	13.6	12.3	18.5



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

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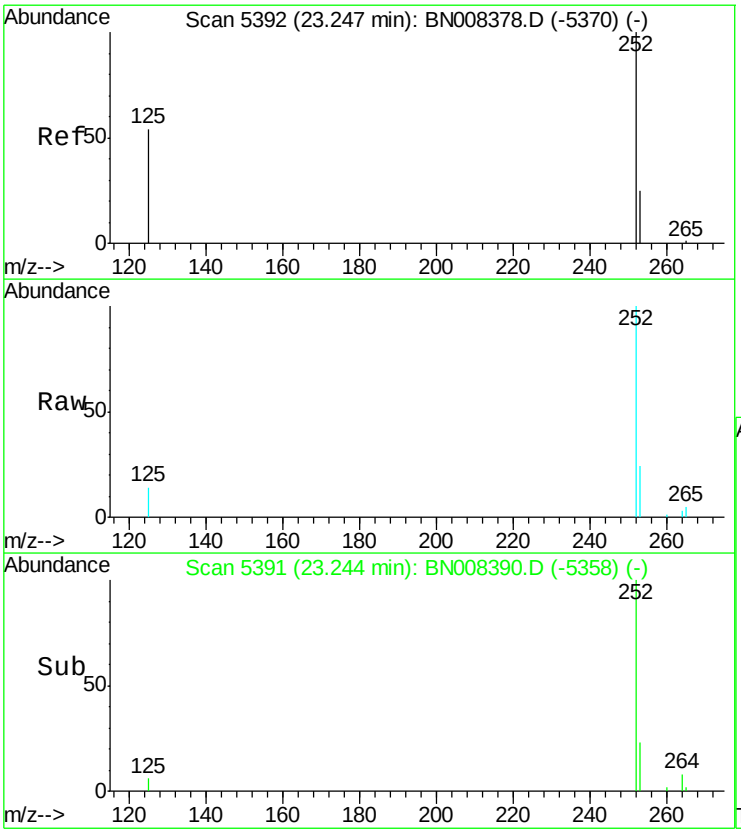
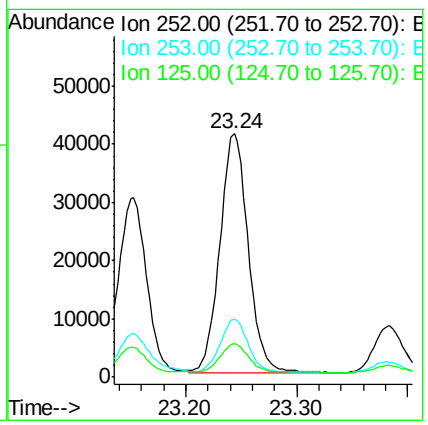
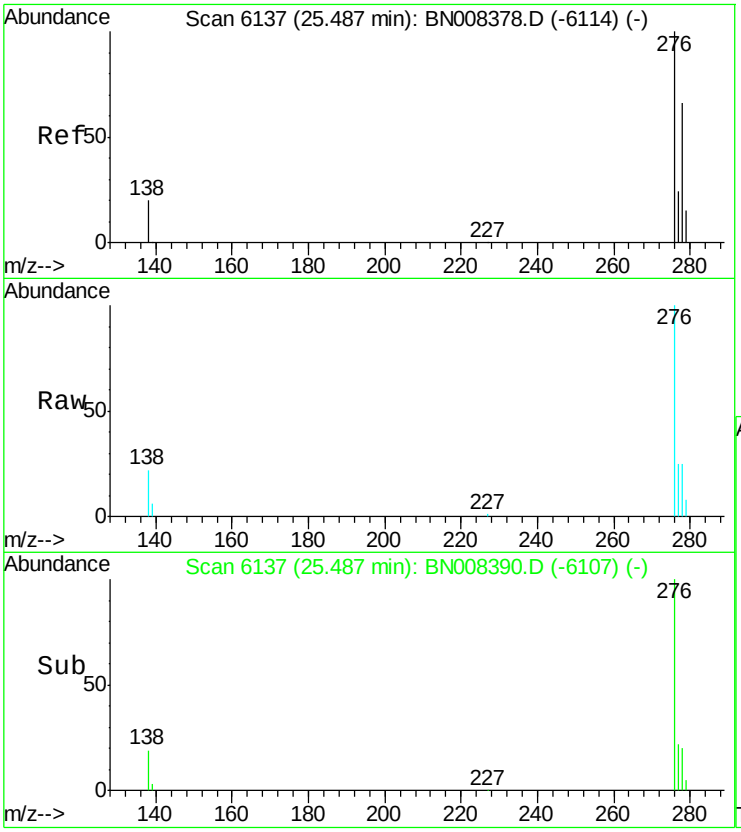


#23
Benzo(a)pyrene
Concen: 2.320 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:252 Resp: 73206

Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.8	34.2
125	13.6	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.043 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Instrument :
BNA_N
ClientSampleId :
BEPB5DL

Manual Integrations APPROVED
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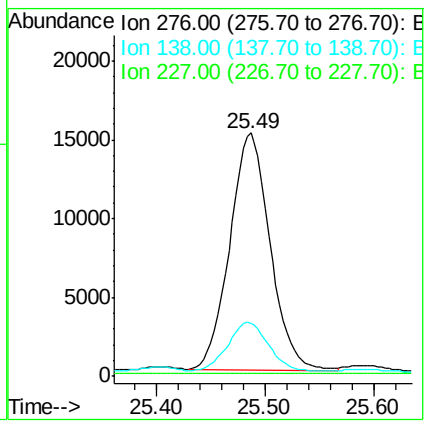
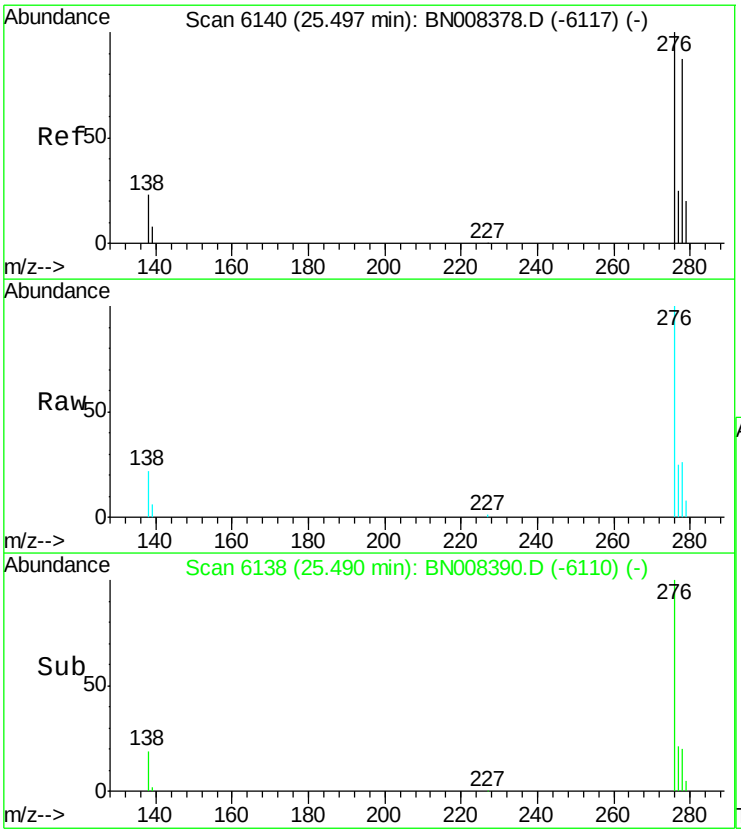
10/25/2019 8:05:43 AM

Tgt Ion:276 Resp: 38771

Ion	Ratio	Lower	Upper
276	100		
138	20.8	16.1	24.1
227	0.2	0.2	0.2

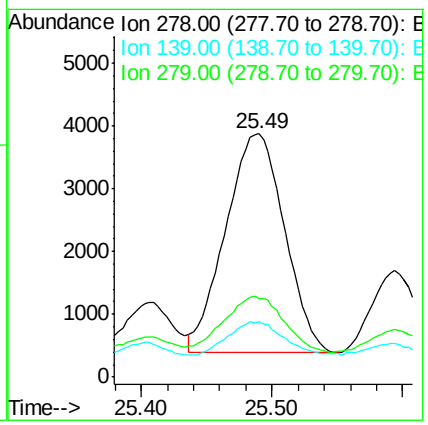


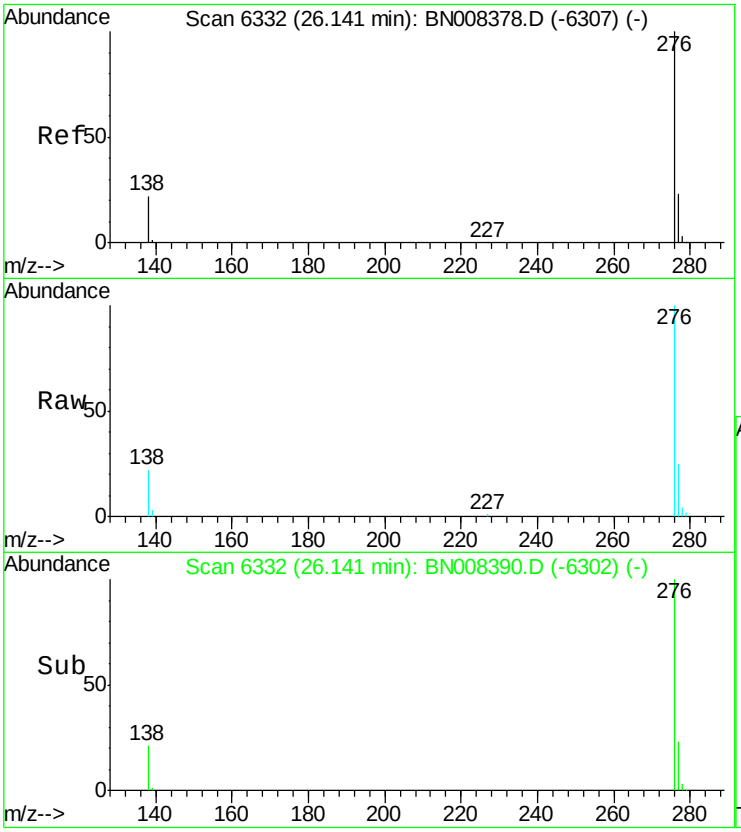


#25
Dibenzo(a,h)anthracene
Concen: 0.370 ng/ul
RT: 25.49 min Scan# 6138
Delta R.T. -0.01 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:278 Resp: 10866

Ion	Ratio	Lower	Upper
278	100		
139	22.5	15.0	22.6
279	32.5	22.4	33.6

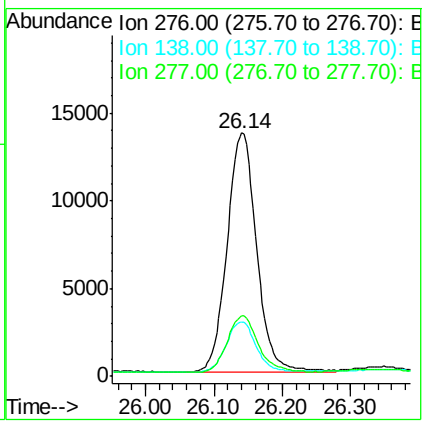




#26
Benzo(g,h,i)perylene
Concen: 1.200 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. -0.00 min
Lab File: BN008390.D
Acq: 24 Oct 2019 16:37

Tgt Ion:276 Resp: 40891

Ion	Ratio	Lower	Upper
276	100		
138	22.4	17.0	25.4
277	24.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPB5DL

Manual Integrations APPROVED
mohammad
10/25/2019 8:05:43 AM