Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007025.D
Acq On : 08 Aug 2019 14:51
Operator : HP/JU
Sample : K3962-12DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 15:53:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
BEP05DL

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.47	152	8410	0.40	ng/ul	0.00
2) Naphthalene-d8	10.23	136	33980	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.11	164	21069	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.86	188	52031	0.40	ng/ul	0.00
16) Chrysene-d12	21.08	240	37967	0.40	ng/ul	0.00
20) Perylene-d12	23.20	264	34242	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.83	152	1231	0.02	ng/ul	0.00
14) Fluoranthene-d10	18.90	212	3644	0.02	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.28	128	2422	0.025	ng/ul#	91
5) 2-Methylnaphthalene	11.91	142	1791	0.024	ng/ul	100
7) Acenaphthylene	13.83	152	5181	0.042	ng/ul#	95
8) Acenaphthene	14.17	153	3388	0.041	ng/ul	96
9) Fluorene	15.17	166	3792	0.037	ng/ul#	94
12) Phenanthrene	16.90	178	88761	0.535	ng/ul	100
13) Anthracene	16.99	178	18792	0.111	ng/ul	99
15) Fluoranthene	18.93	202	183966	0.893	ng/ul	97
17) Pyrene	19.29	202	207966	1.227	ng/ul	100
18) Benzo(a)anthracene	21.06	228	106101	0.636	ng/ul	97
19) Chrysene	21.11	228	106931	0.685	ng/ul	98
21) Benzo(b)fluoranthene	22.58	252	100111m	0.721	ng/ul	
22) Benzo(k)fluoranthene	22.62	252	34743m	0.258	ng/ul	
23) Benzo(a)pyrene	23.11	252	72732	0.556	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.30	276	39950	0.284	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.31	278	11562	0.103	ng/ul#	86
26) Benzo(g,h,i)perylene	25.93	276	41279	0.349	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN080719\
Data File : BN007025.D
Acq On : 08 Aug 2019 14:51
Operator : HP/JU
Sample : K3962-12DL 10X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 08 15:53:20 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN080719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 17:30:08 2019
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Instrument :
BNA_N
ClientSampleId :
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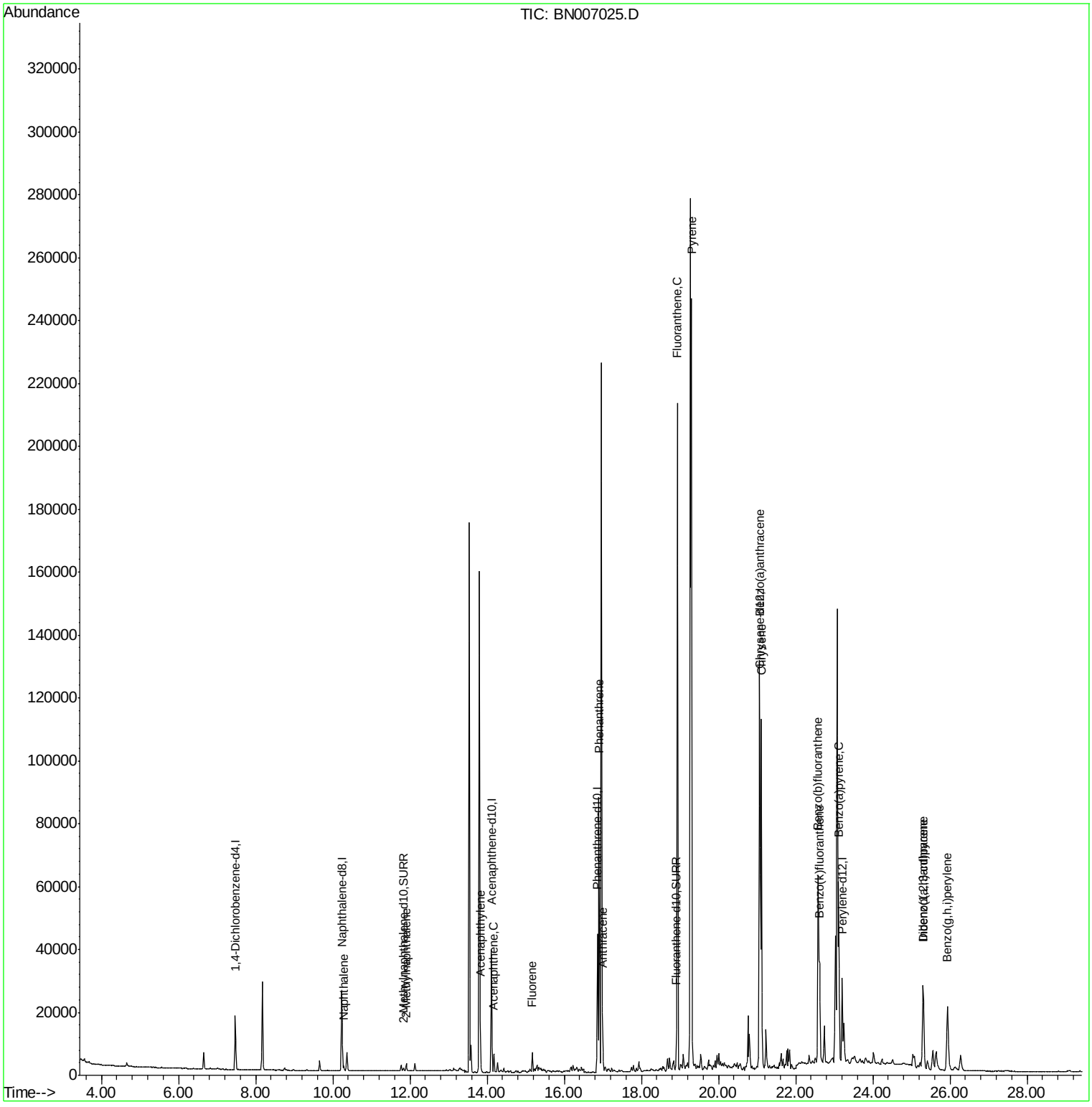

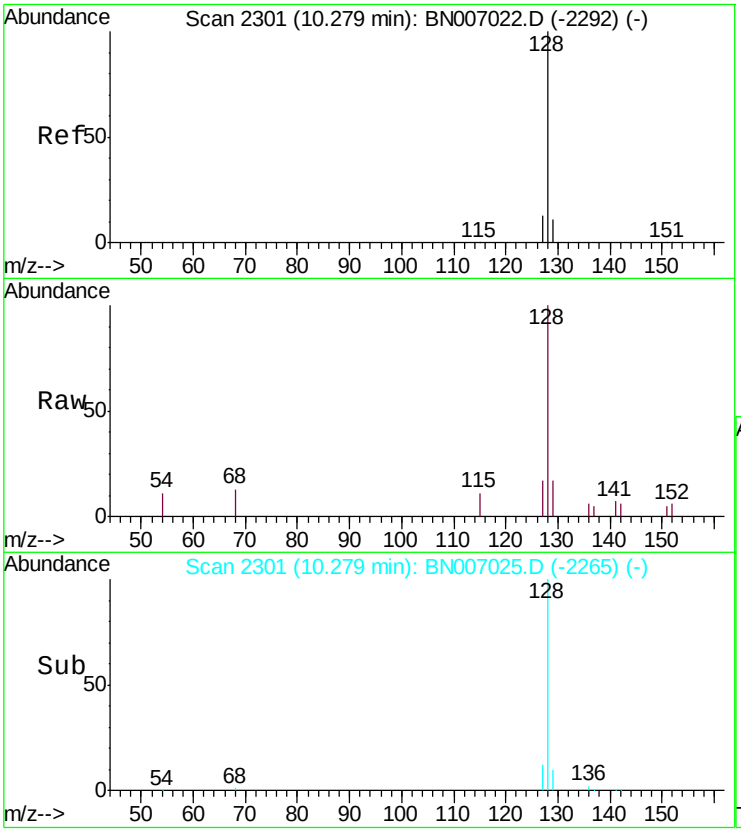

#3
Naphthalene
Concen: 0.025 ng/ul
RT: 10.28 min Scan# 2301
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:128 Resp: 2422

Ion	Ratio	Lower	Upper
128	100		
129	17.5	10.0	15.0#
127	16.8	11.7	17.5

Instrument :
BNA_N
ClientSampleId :
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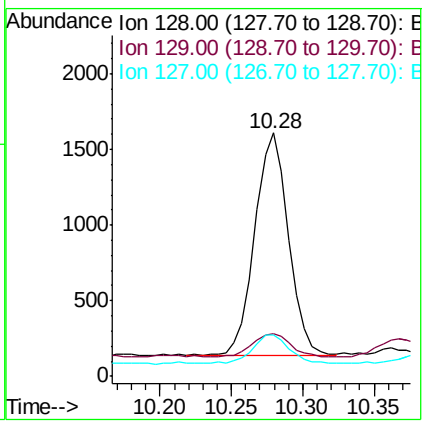
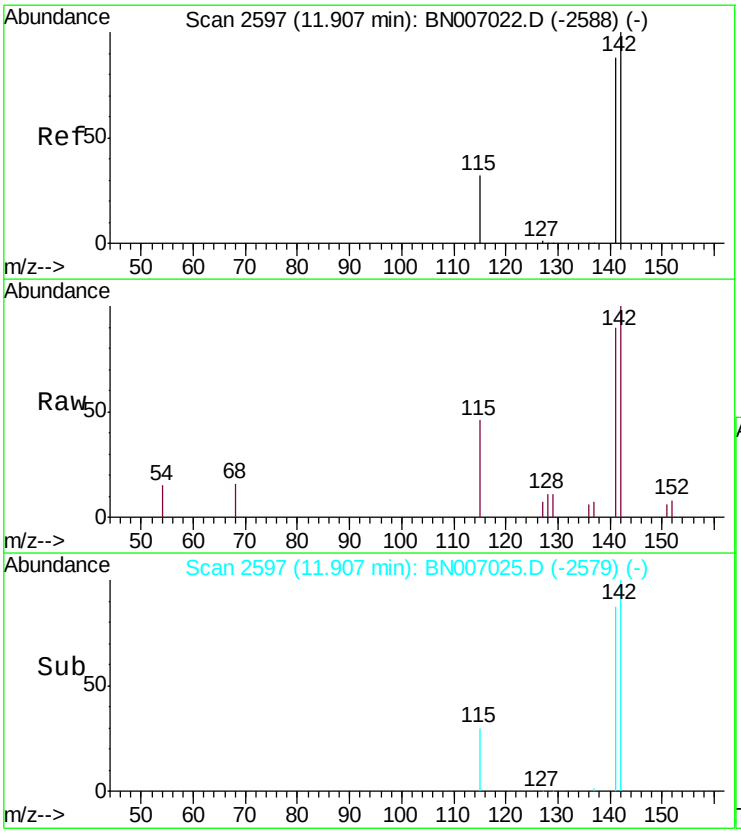
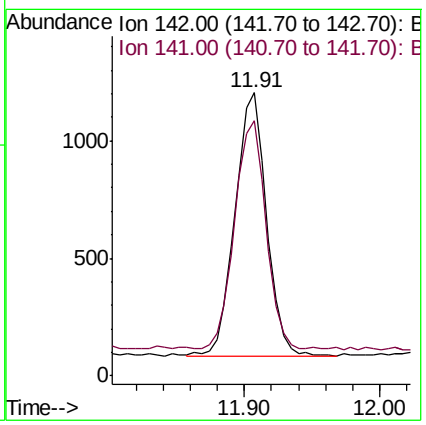


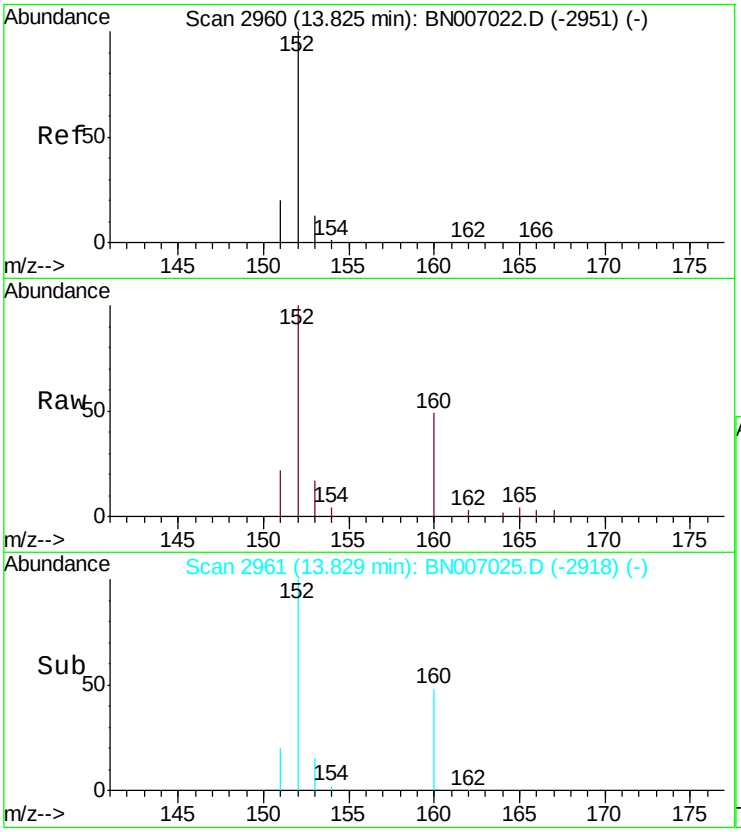


#5
2-Methylnaphthalene
Concen: 0.024 ng/ul
RT: 11.91 min Scan# 2597
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:142 Resp: 1791

Ion	Ratio	Lower	Upper
142	100		
141	88.8	71.0	106.6

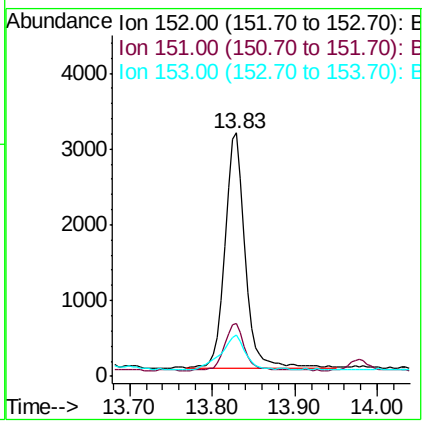




#7
Acenaphthylene
Concen: 0.042 ng/ul
RT: 13.83 min Scan# 2961
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:152 Resp: 5181

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.3	24.5
153	16.9	11.0	16.4#



Instrument :
BNA_N
ClientSampleId :
BEP05DL

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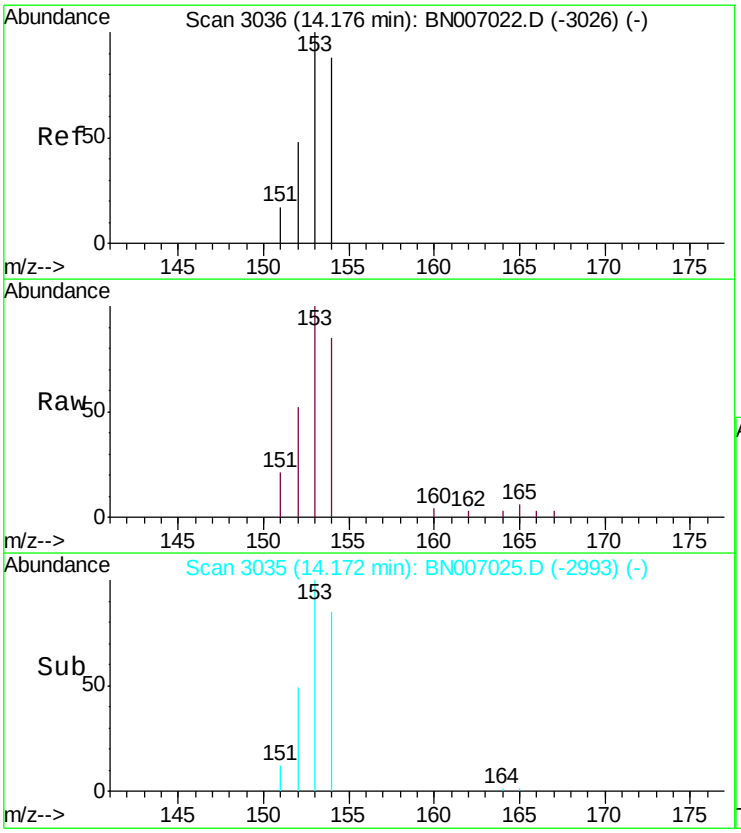
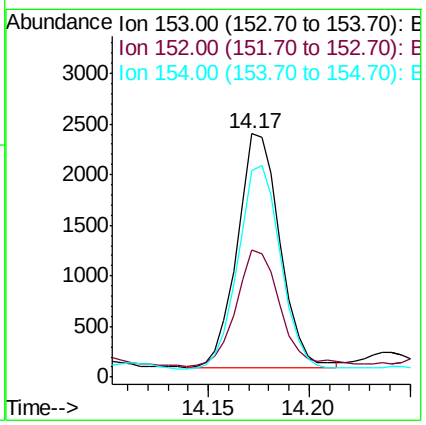
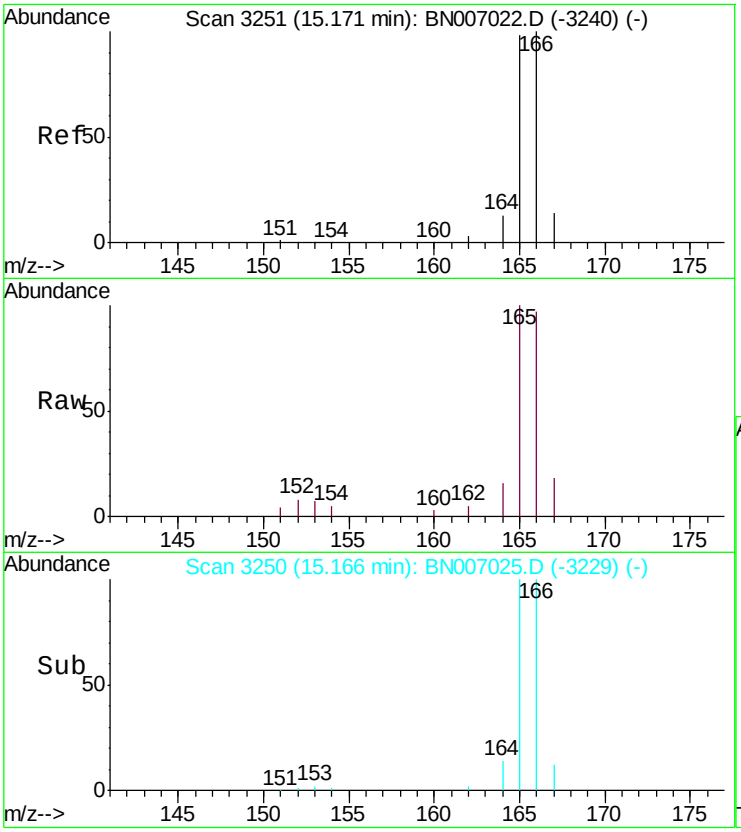


#8
Acenaphthene
Concen: 0.041 ng/ul
RT: 14.17 min Scan# 3035
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:153 Resp: 3388

Ion	Ratio	Lower	Upper
153	100		
152	52.3	39.4	59.2
154	84.8	70.1	105.1

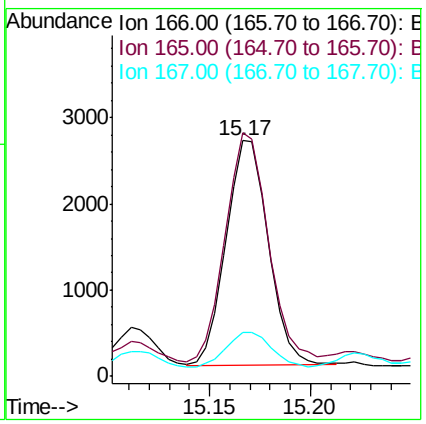




#9
Fluorene
Concen: 0.037 ng/ul
RT: 15.17 min Scan# 3250
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:166 Resp: 3792

Ion	Ratio	Lower	Upper
166	100		
165	103.4	78.8	118.2
167	18.4	11.3	16.9#



Instrument :
BNA_N
ClientSampleId :
BEP05DL

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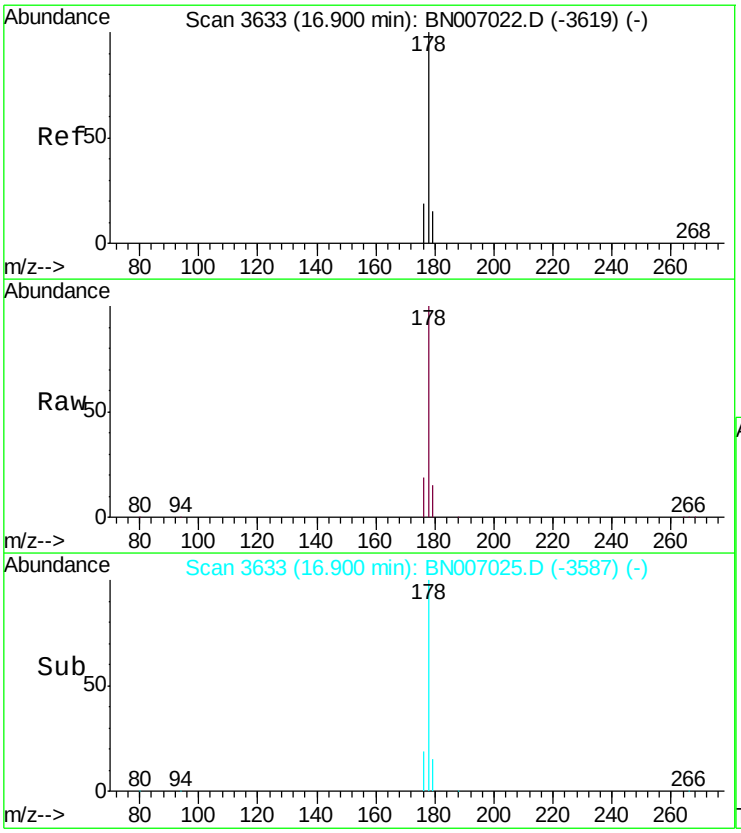
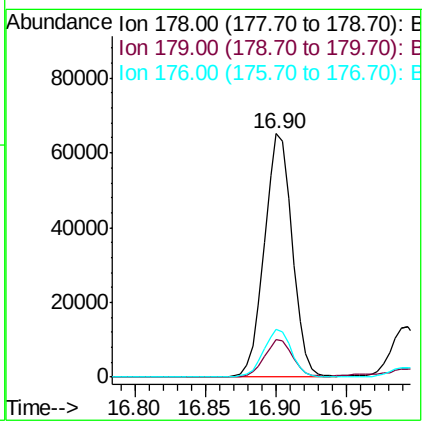
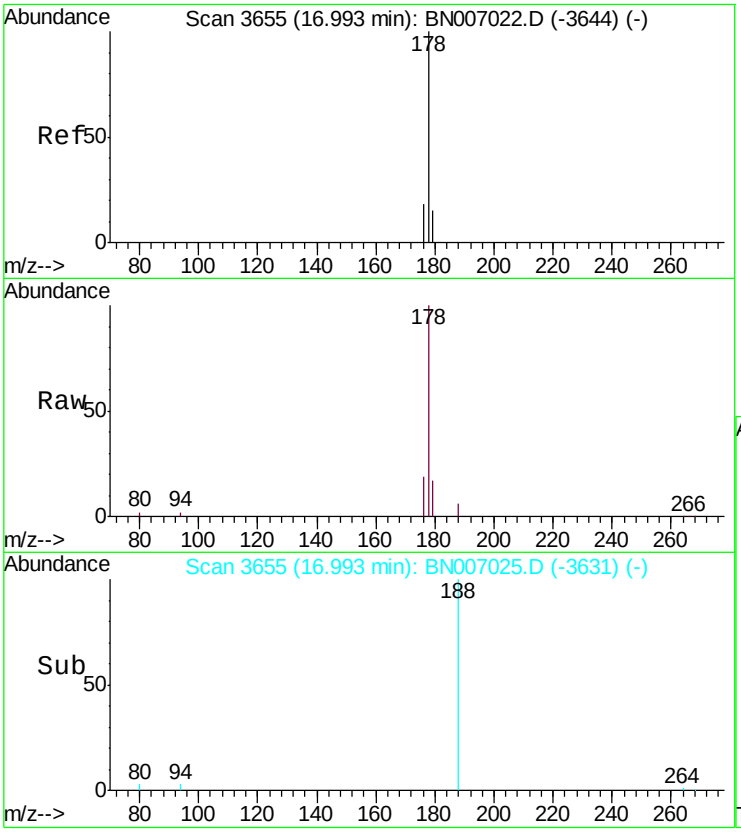


#12
Phenanthrene
Concen: 0.535 ng/ul
RT: 16.90 min Scan# 3633
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:178 Resp: 88761

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.5	18.7
176	19.4	15.6	23.4

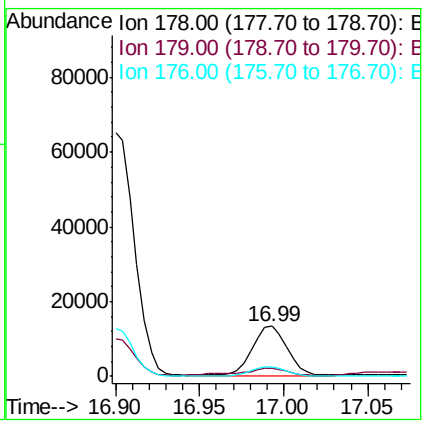




#13
Anthracene
Concen: 0.111 ng/ul
RT: 16.99 min Scan# 3655
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:178 Resp: 18792

Ion	Ratio	Lower	Upper
178	100		
179	16.8	12.6	18.8
176	19.4	15.4	23.0



Instrument :
BNA_N
ClientSampleId :
BEP05DL

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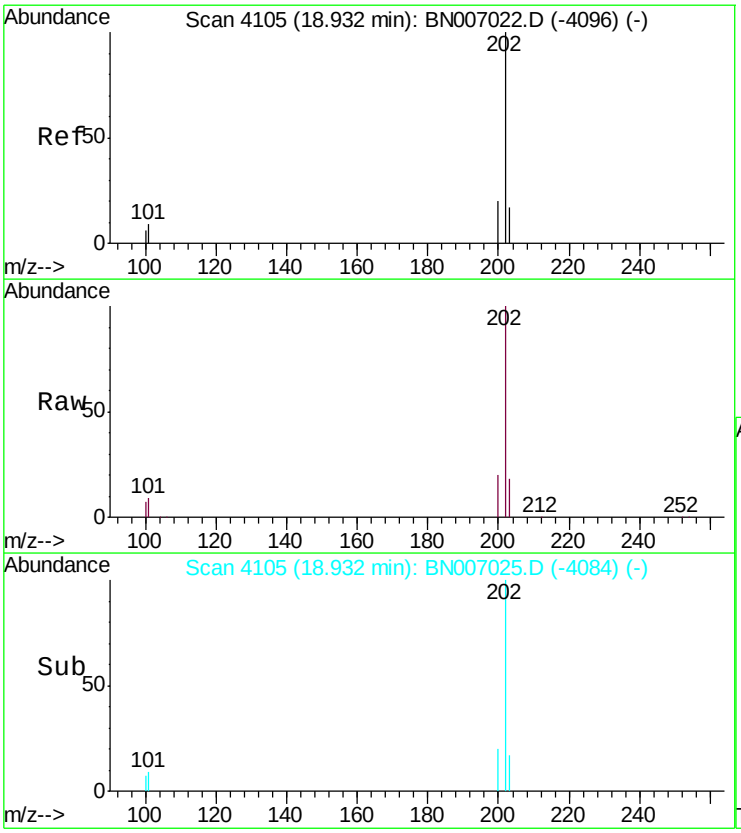
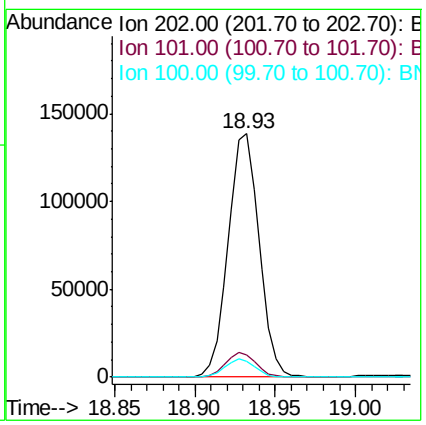
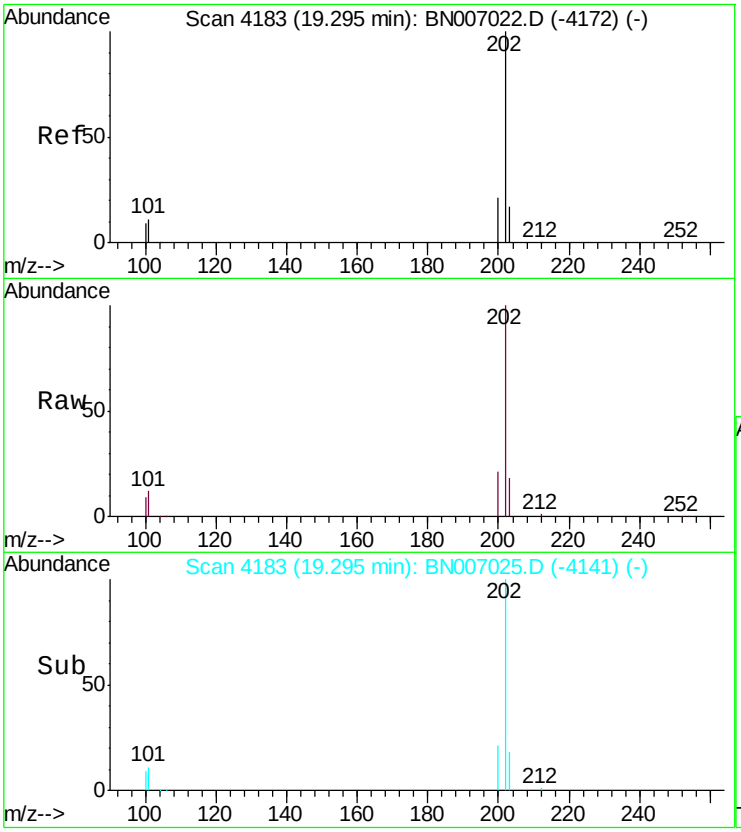


#15
Fluoranthene
Concen: 0.893 ng/ul
RT: 18.93 min Scan# 4105
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:202 Resp: 183966

Ion	Ratio	Lower	Upper
202	100		
101	9.1	0.0	30.0
100	6.7	0.0	27.7





#17
Pyrene
Concen: 1.227 ng/ul
RT: 19.29 min Scan# 4183
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:202 Resp: 207966

Ion	Ratio	Lower	Upper
202	100		
101	11.6	9.3	13.9
100	9.2	7.3	10.9

Instrument :
BNA_N
ClientSampleId :
BEP05DL

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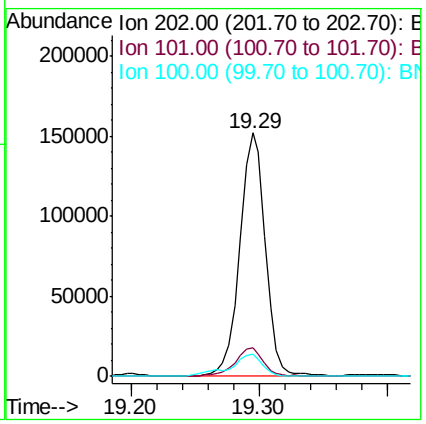
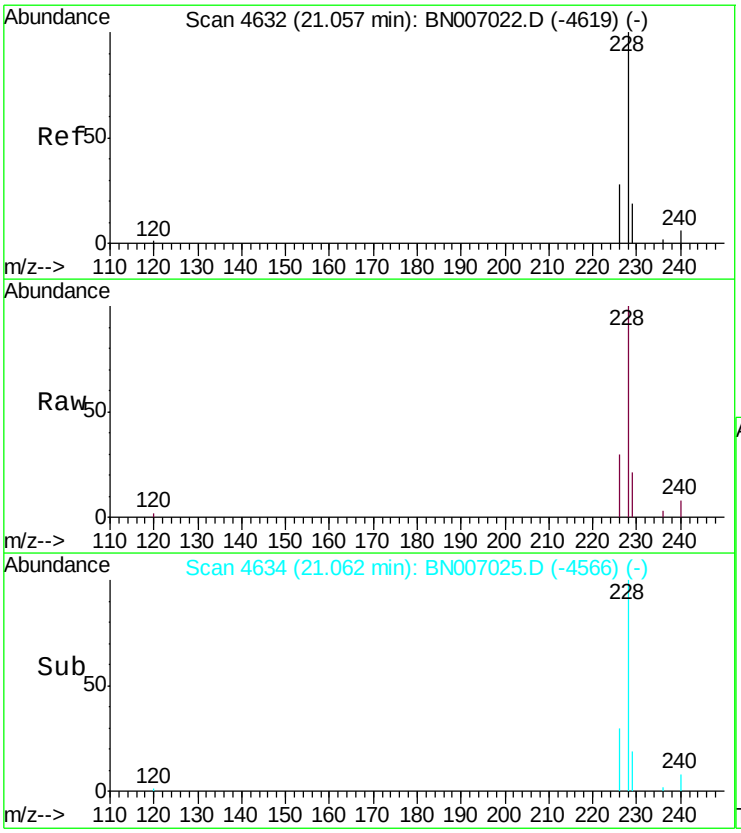
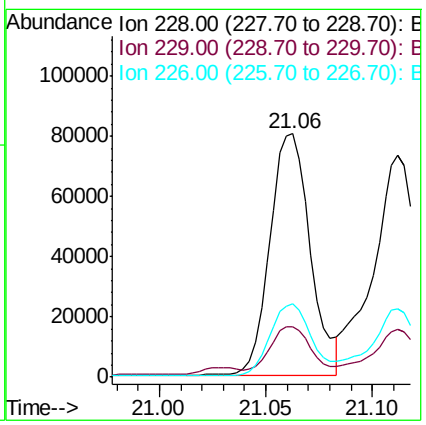


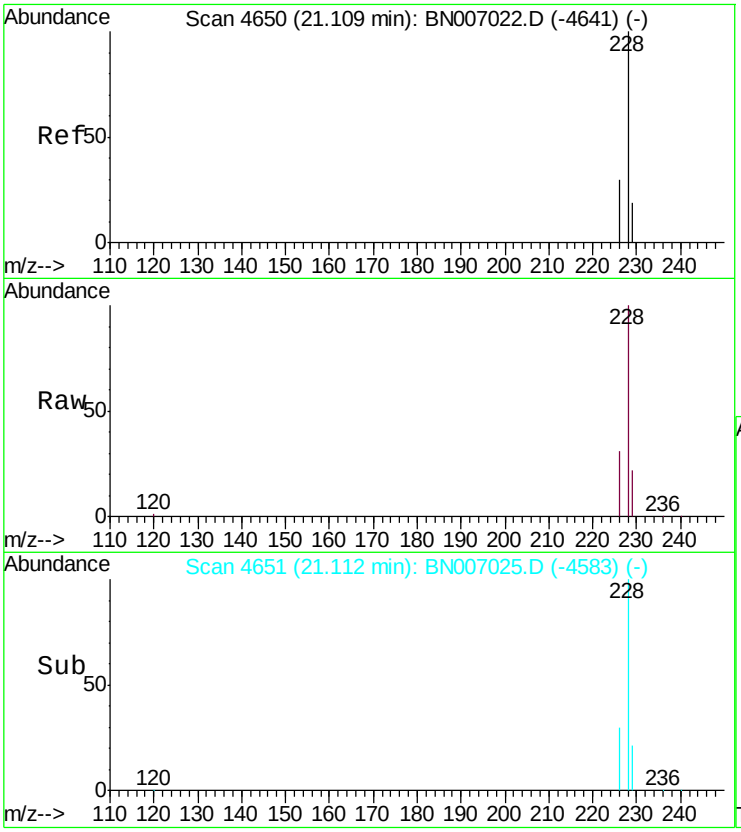


#18
Benzo(a)anthracene
Concen: 0.636 ng/ul
RT: 21.06 min Scan# 4634
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:228 Resp: 106101

Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.9	23.9
226	30.2	22.2	33.4





#19
Chrysene
Concen: 0.685 ng/ul
RT: 21.11 min Scan# 4651
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:228 Resp: 106931

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.7	37.1
229	21.7	15.5	23.3

Instrument :
BNA_N
ClientSampleId :
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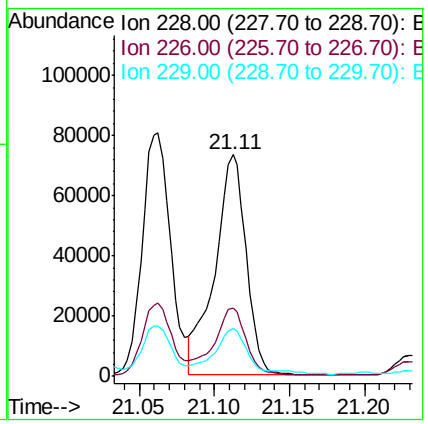
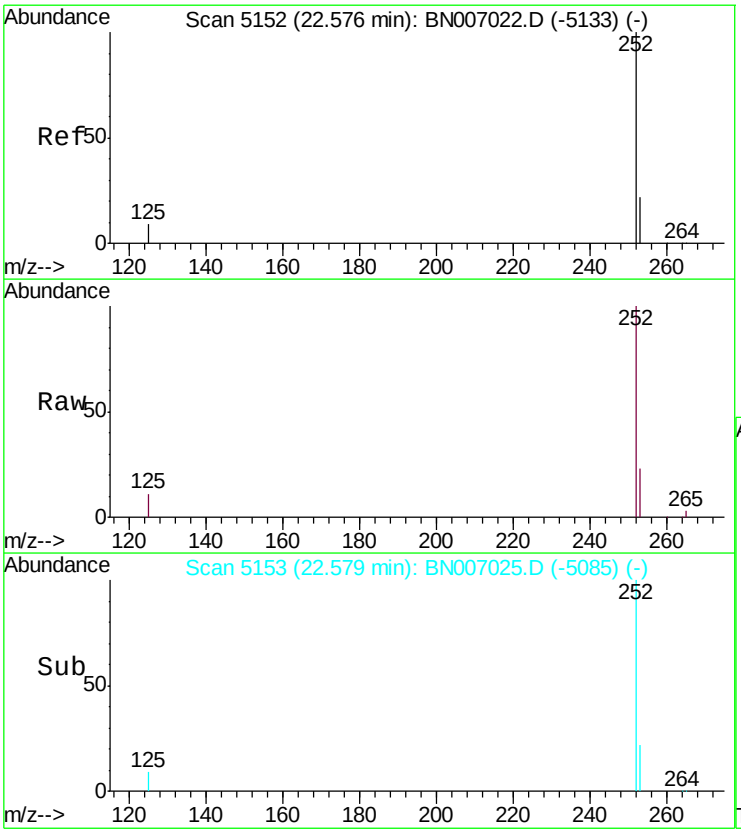
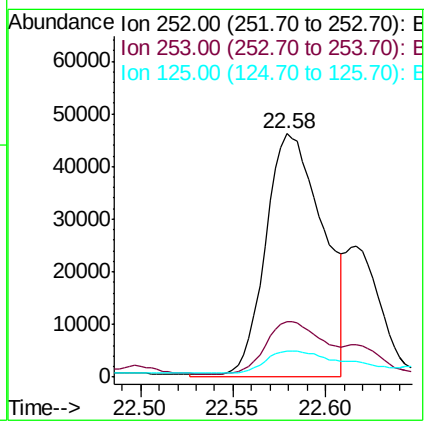


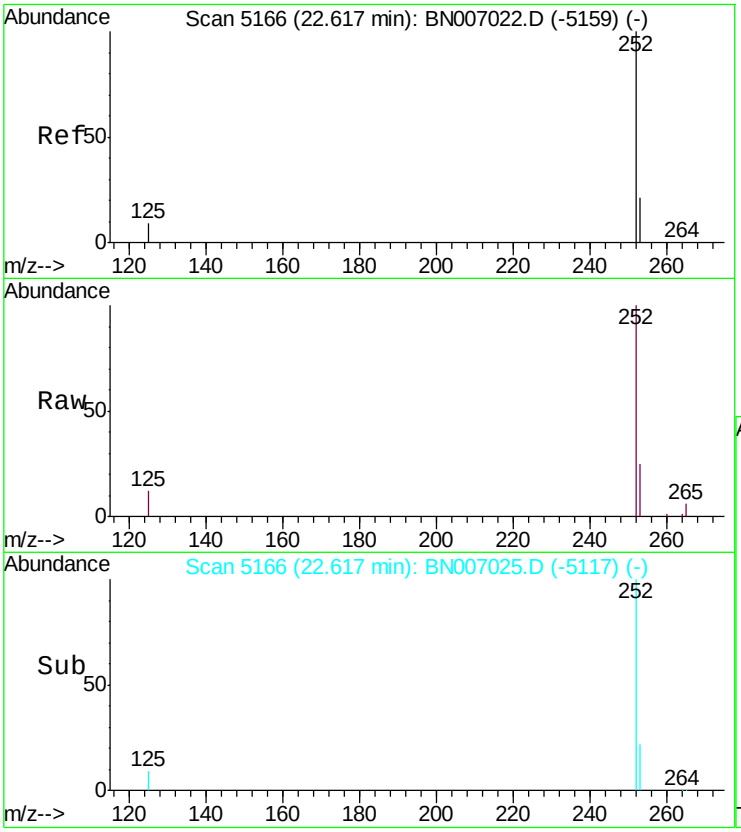


#21
Benzo(b)fluoranthene
Concen: 0.721 ng/ul m
RT: 22.58 min Scan# 5153
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:252 Resp: 100111

Ion	Ratio	Lower	Upper
252	100		
253	22.9	0.0	45.2
125	10.9	0.0	22.2

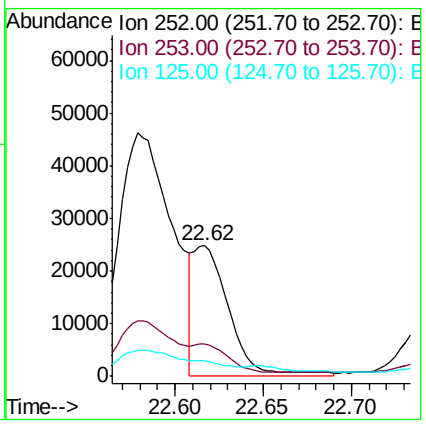




#22
Benzo(k)fluoranthene
Concen: 0.258 ng/ul m
RT: 22.62 min Scan# 5166
Delta R.T. -0.01 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:252 Resp: 34743

Ion	Ratio	Lower	Upper
252	100		
253	24.6	18.6	28.0
125	11.8	8.7	13.1



Instrument :
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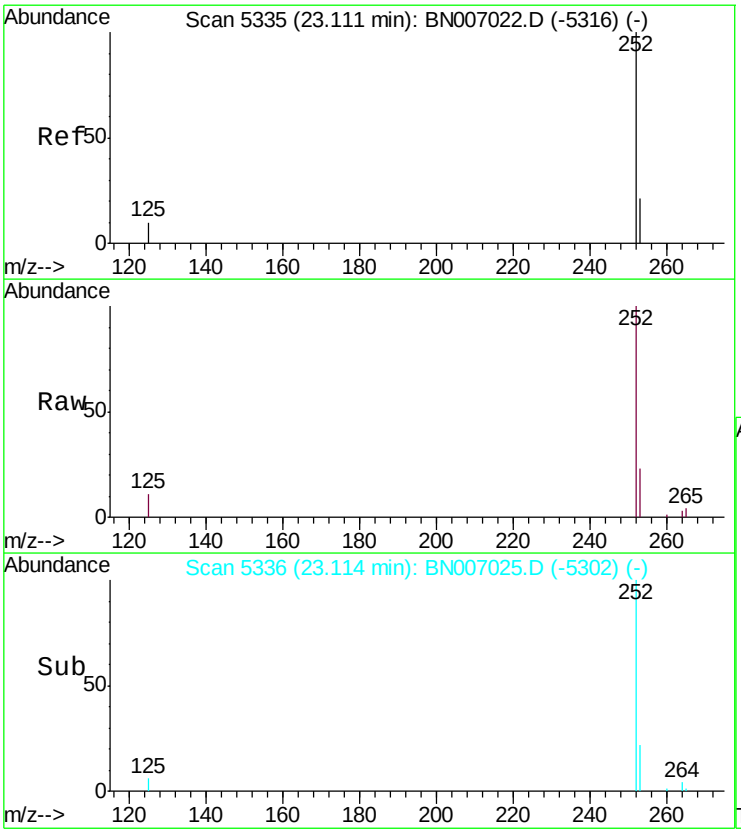
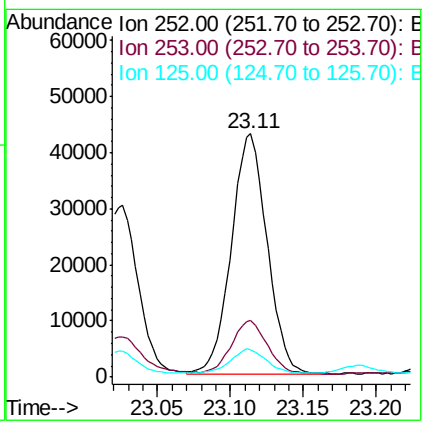
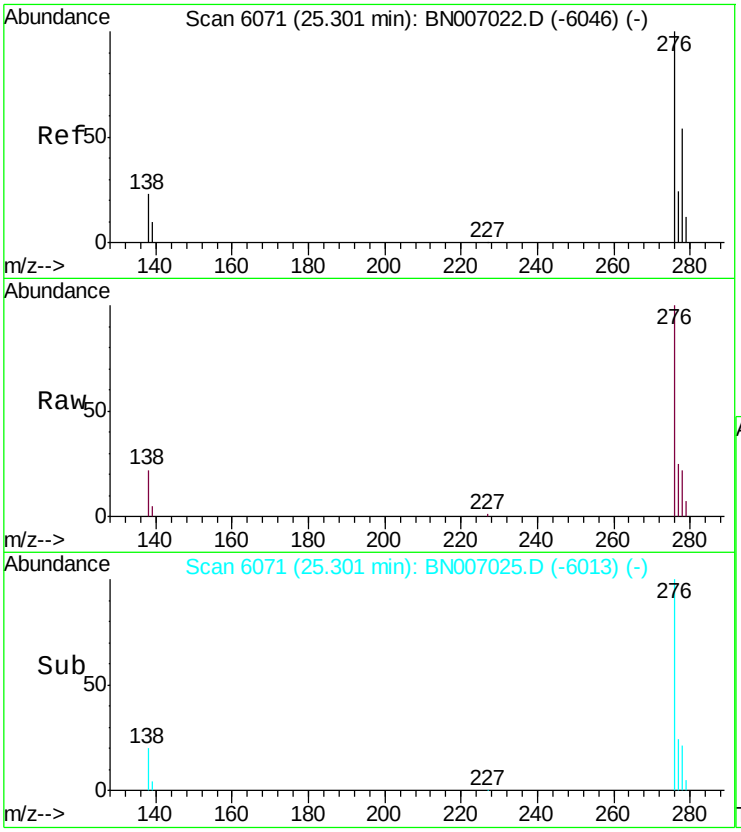


#23
Benzo(a)pyrene
Concen: 0.556 ng/ul
RT: 23.11 min Scan# 5336
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:252 Resp: 72732

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.0	27.0
125	11.3	10.0	15.0





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.284 ng/ul
RT: 25.30 min Scan# 6071
Delta R.T. -0.01 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:276 Resp: 39950

Ion	Ratio	Lower	Upper
276	100		
138	21.5	19.9	29.9
227	0.0	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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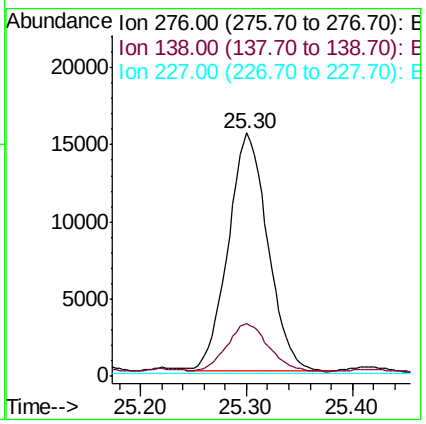
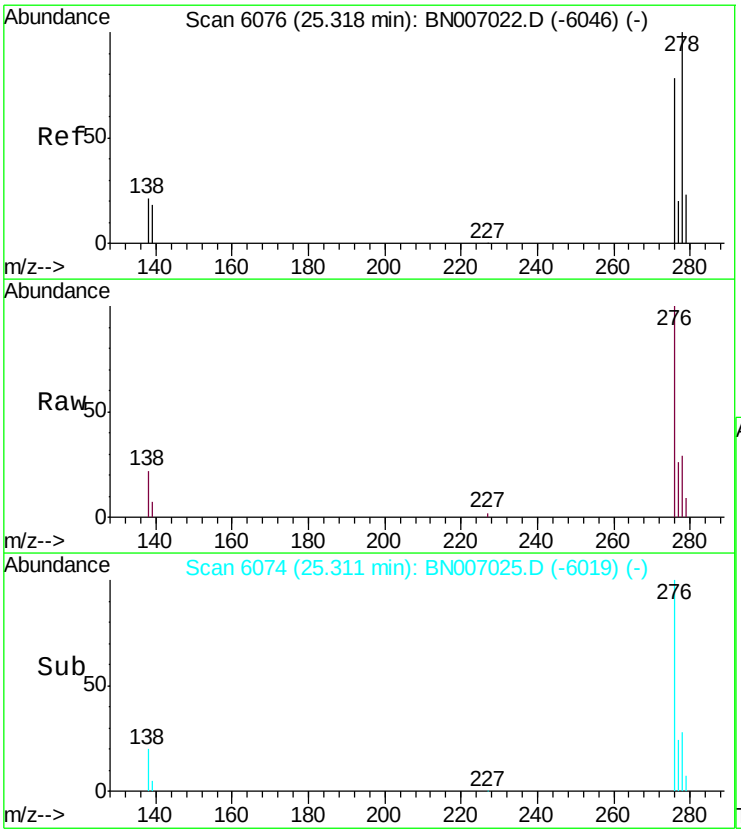
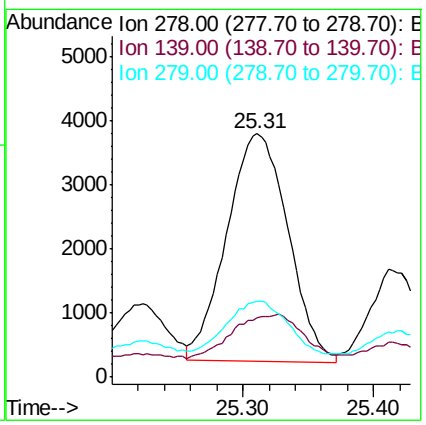


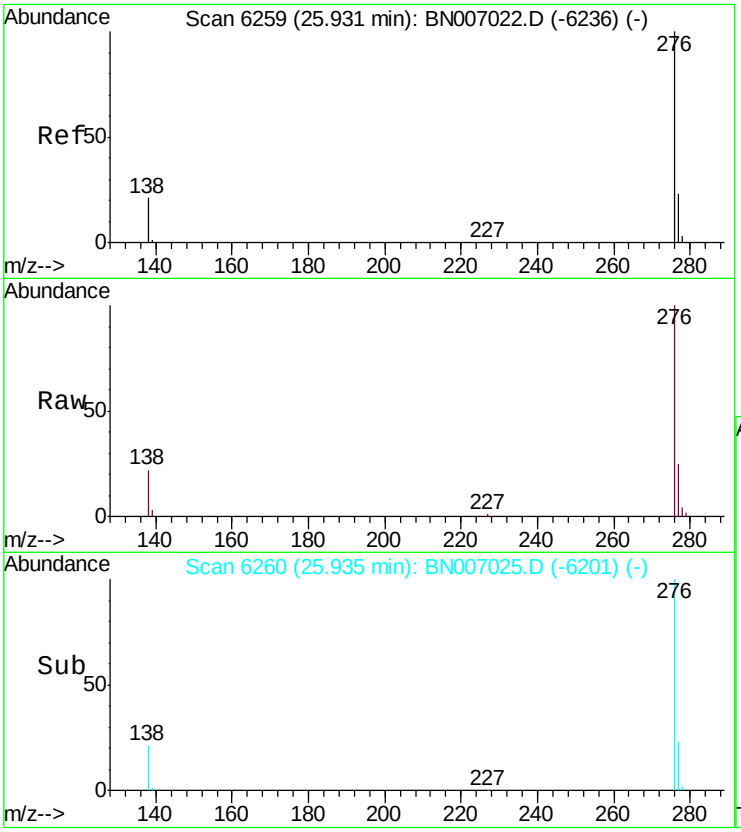


#25
Dibenzo(a,h)anthracene
Concen: 0.103 ng/ul
RT: 25.31 min Scan# 6074
Delta R.T. -0.02 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:278 Resp: 11562

Ion	Ratio	Lower	Upper
278	100		
139	24.5	14.3	21.5#
279	31.4	19.6	29.4#

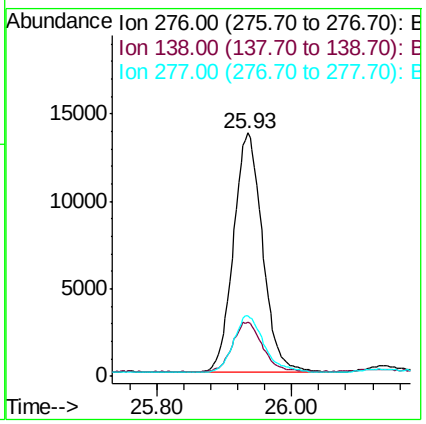




#26
Benzo(g,h,i)perylene
Concen: 0.349 ng/ul
RT: 25.93 min Scan# 6260
Delta R.T. -0.00 min
Lab File: BN007025.D
Acq: 08 Aug 2019 14:51

Tgt Ion:276 Resp: 41279

Ion	Ratio	Lower	Upper
276	100		
138	22.4	18.7	28.1
277	24.8	19.3	28.9



Instrument :
BNA_N
ClientSampleId :
BEP05DL

Manual Integrations APPROVED
mohammad
8/9/2019 6:16:58 AM