Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008330.D
Acq On : 23 Oct 2019 00:21
Operator : JU
Sample : K5223-09
Misc :
ALS Vial : 25 Sample Multiplier: 1

Quant Time: Oct 23 02:39:20 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 : Mon Oct 21 23:58:15 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPE1

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1858	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	9169	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5746	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12778m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	12149	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	10335	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	3488	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	10616	0.24	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	1043	0.040	ng/ul#	84
5) 2-Methylnaphthalene	12.02	142	541	0.030	ng/ul	99
7) Acenaphthylene	13.94	152	2248	0.082	ng/ul#	90
8) Acenaphthene	14.28	153	1590	0.075	ng/ul	96
9) Fluorene	15.27	166	2859	0.118	ng/ul#	97
12) Phenanthrene	17.01	178	63155	1.688	ng/ul	99
13) Anthracene	17.10	178	15982	0.485	ng/ul	100
15) Fluoranthene	19.03	202	121991	2.469	ng/ul	98
17) Pyrene	19.40	202	104063	2.151	ng/ul	99
18) Benzo(a)anthracene	21.15	228	65776	1.489	ng/ul	98
19) Chrysene	21.21	228	64881	1.197	ng/ul	98
21) Benzo(b)fluoranthene	22.70	252	60889m	1.810	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	23301m	0.611	ng/ul	
23) Benzo(a)pyrene	23.25	252	41272	1.166	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.49	276	21149	0.507	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.50	278	5929	0.180	ng/ul#	88
26) Benzo(g,h,i)perylene	26.15	276	15496	0.405	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
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Acq On : 23 Oct 2019 00:21
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Instrument :
BNA_N
ClientSampleId :
BEPE1

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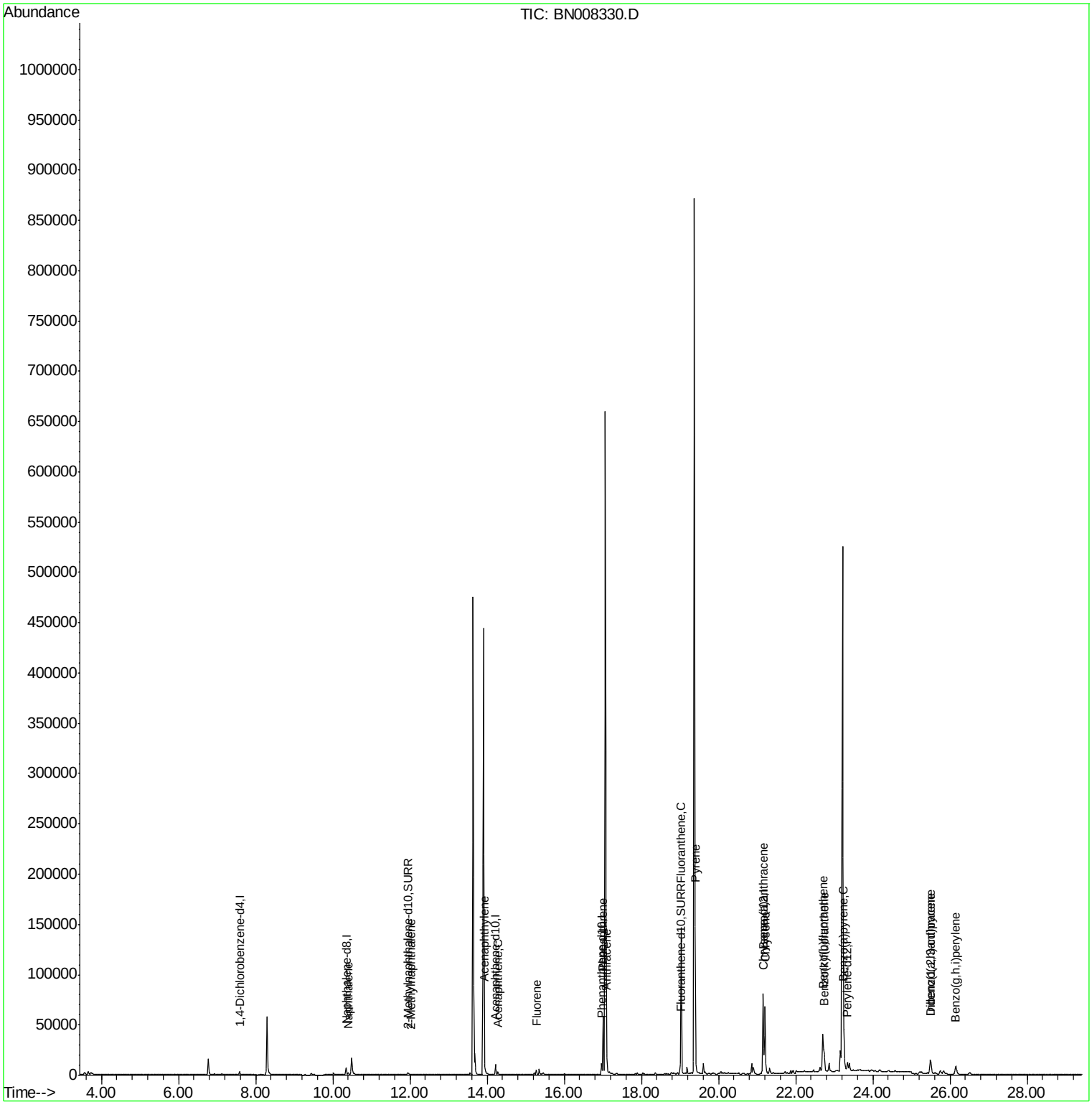

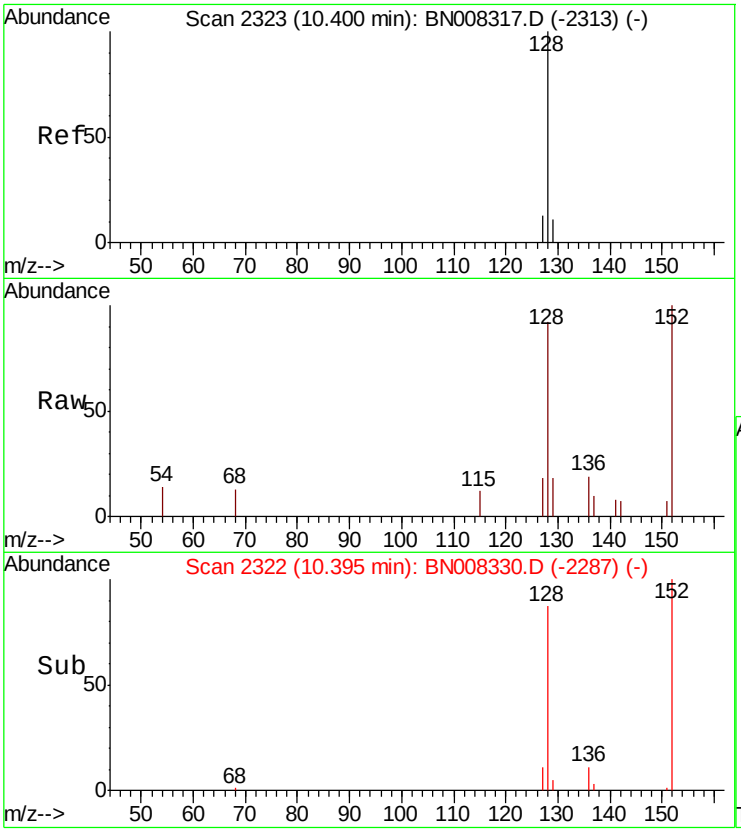

#3
Naphthalene
Concen: 0.040 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:128 Resp: 1043

Ion	Ratio	Lower	Upper
128	100		
129	19.8	9.8	14.8#
127	19.1	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPE1

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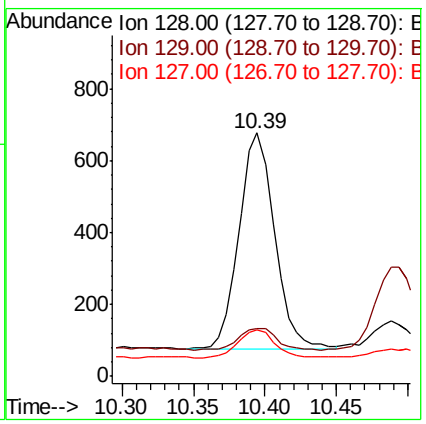
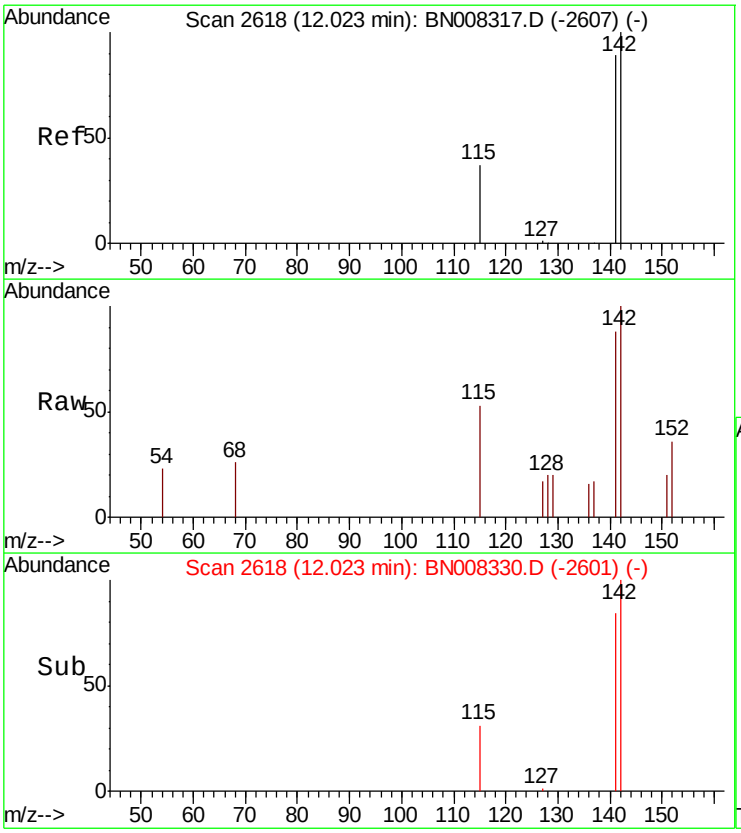
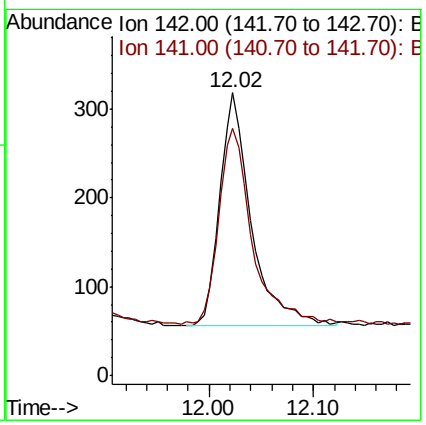


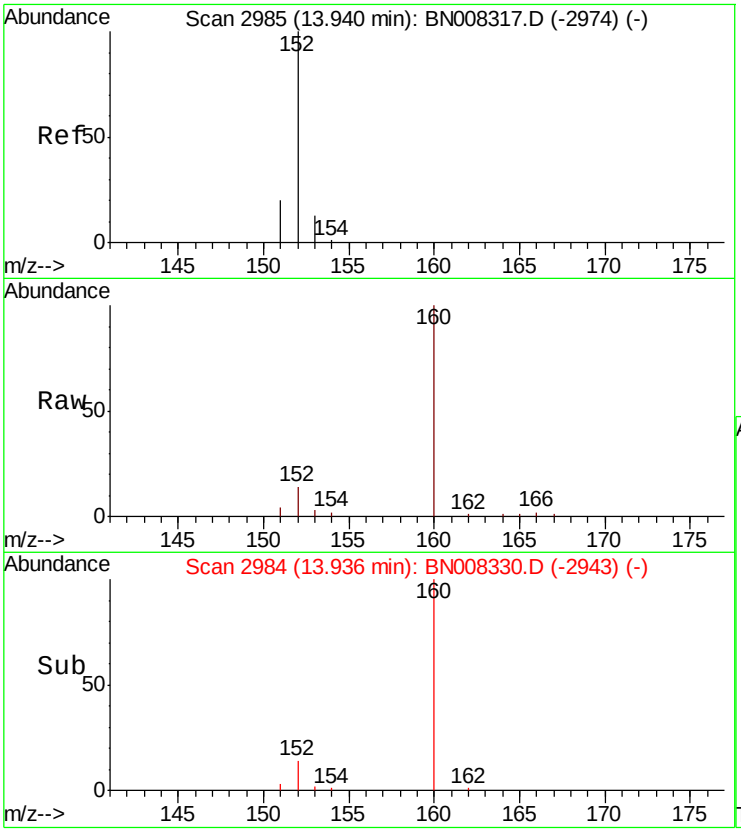


#5
2-Methylnaphthalene
Concen: 0.030 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:142 Resp: 541

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.2





#7
Acenaphthylene
Concen: 0.082 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:152 Resp: 2248

Ion	Ratio	Lower	Upper
152	100		
151	24.9	16.2	24.4#
153	18.1	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPE1

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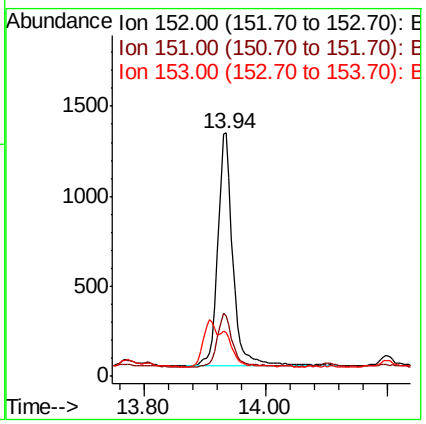
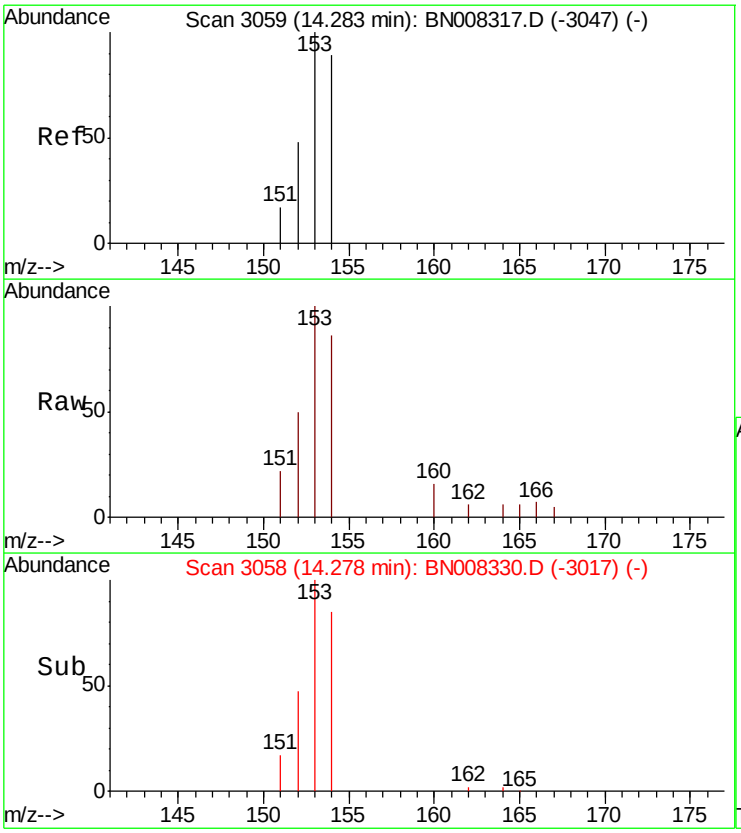
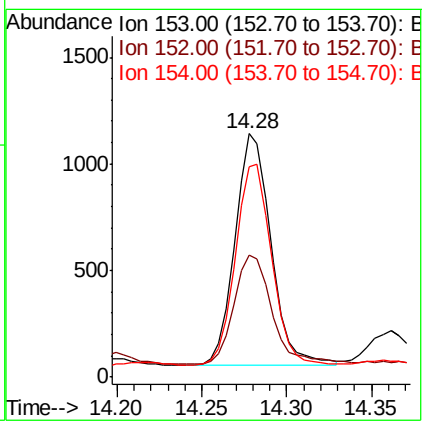


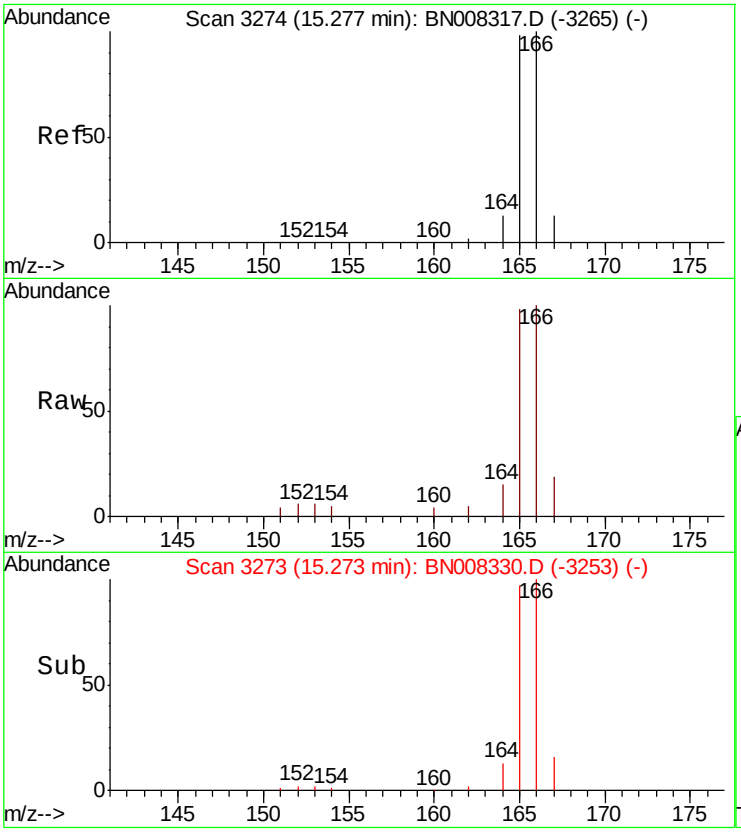


#8
Acenaphthene
Concen: 0.075 ng/ul
RT: 14.28 min Scan# 3058
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:153 Resp: 1590

Ion	Ratio	Lower	Upper
153	100		
152	50.2	38.2	57.2
154	86.2	71.8	107.8





#9
Fluorene
Concen: 0.118 ng/ul
RT: 15.27 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:166 Resp: 2859

Ion	Ratio	Lower	Upper
166	100		
165	98.0	76.6	115.0
167	18.5	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPE1

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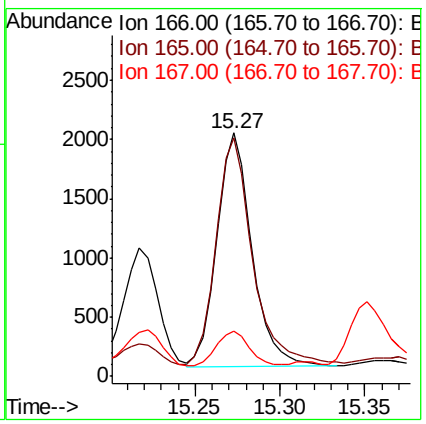
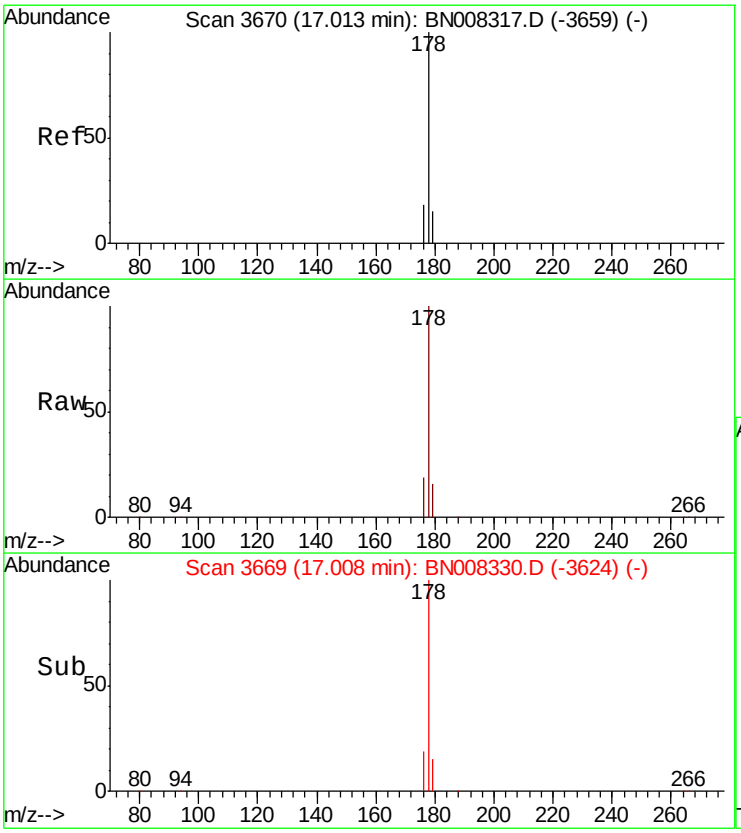
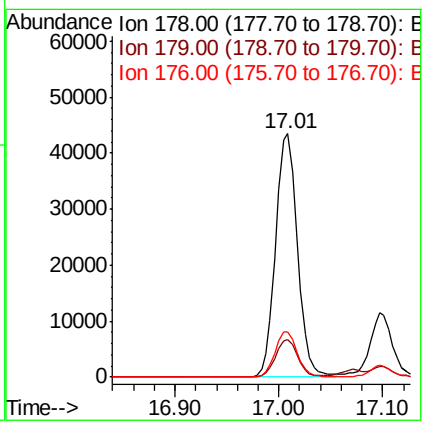


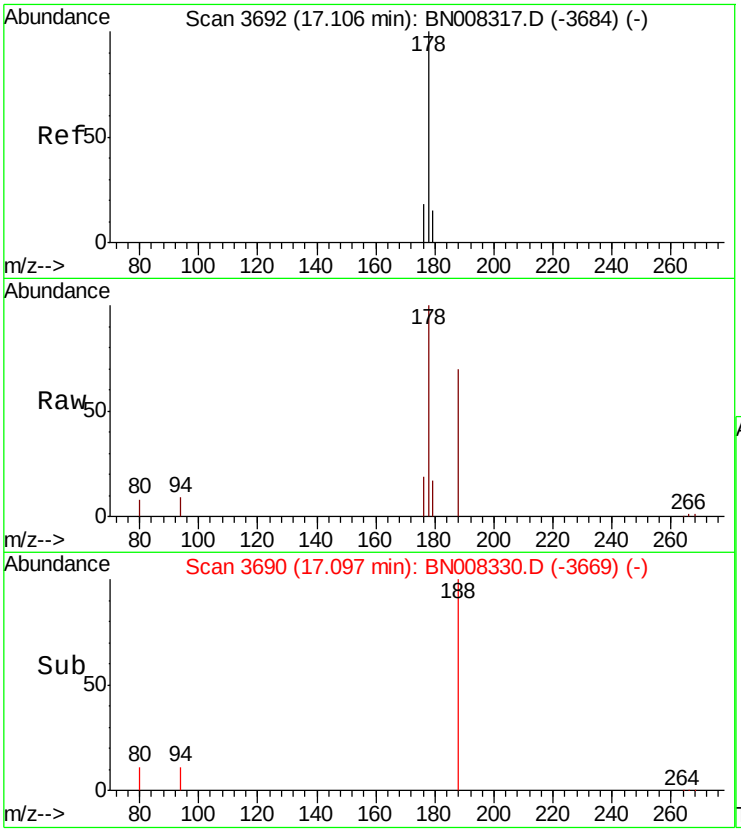


#12
Phenanthrene
Concen: 1.688 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:178 Resp: 63155

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.8	15.4	23.2

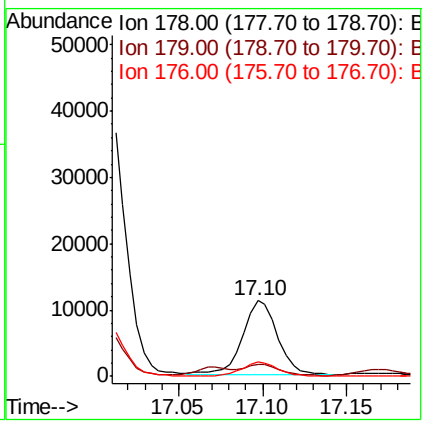




#13
Anthracene
Concen: 0.485 ng/ul
RT: 17.10 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:178 Resp: 15982

Ion	Ratio	Lower	Upper
178	100		
179	16.5	13.0	19.6
176	18.7	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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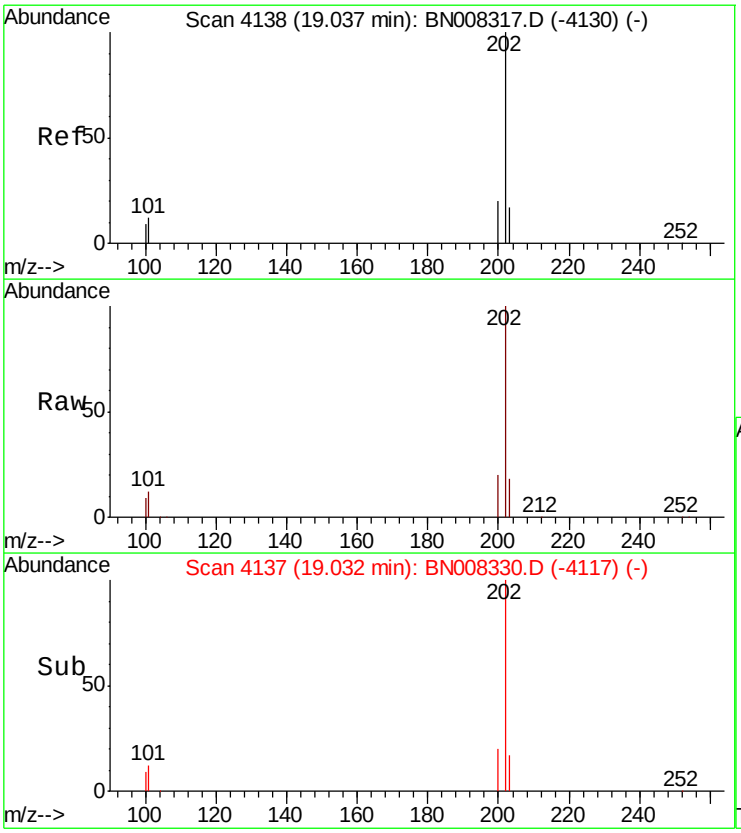
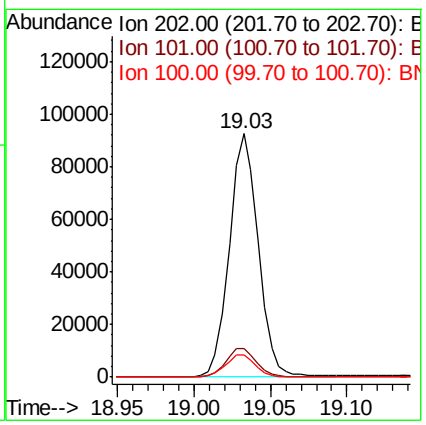
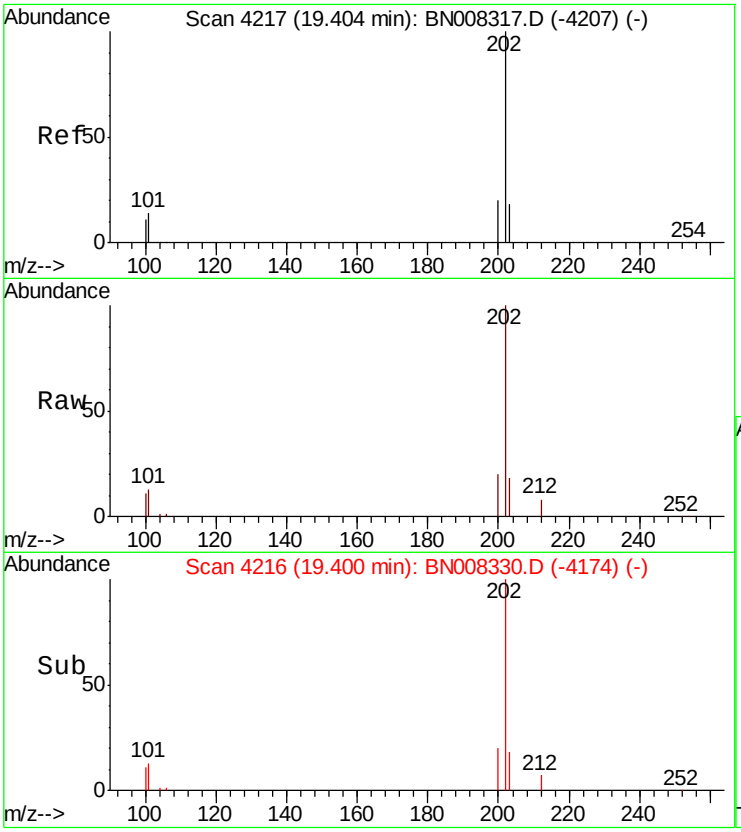


#15
Fluoranthene
Concen: 2.469 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:202 Resp: 121991

Ion	Ratio	Lower	Upper
202	100		
101	11.9	0.0	31.2
100	8.9	0.0	28.5

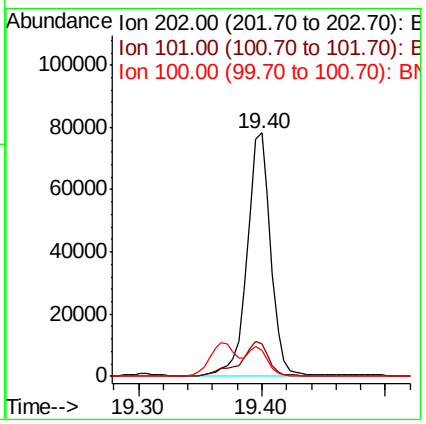




#17
Pyrene
Concen: 2.151 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:202 Resp: 104063

Ion	Ratio	Lower	Upper
202	100		
101	13.2	10.9	16.3
100	10.7	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPE1

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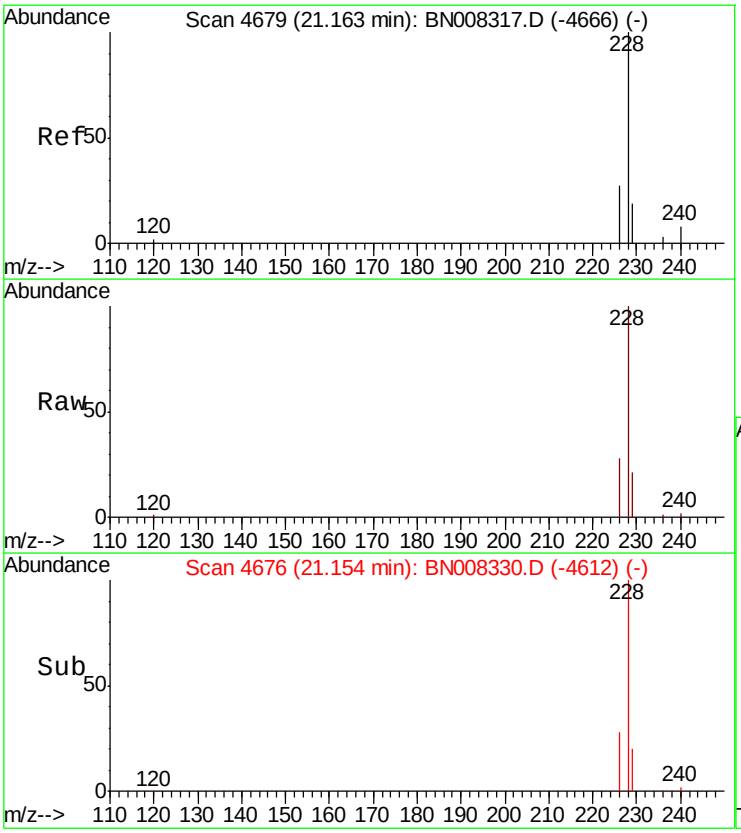
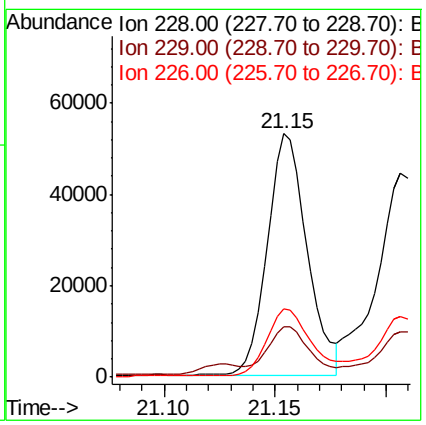
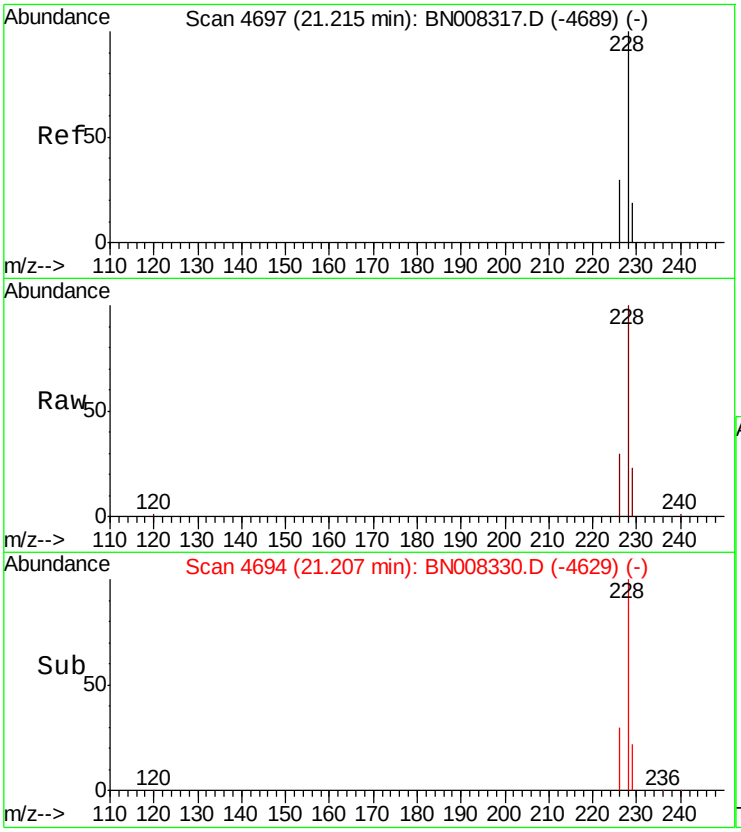


#18
Benzo(a)anthracene
Concen: 1.489 ng/ul
RT: 21.15 min Scan# 4676
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:228 Resp: 65776

Ion	Ratio	Lower	Upper
228	100		
229	20.8	16.2	24.2
226	28.1	21.4	32.0

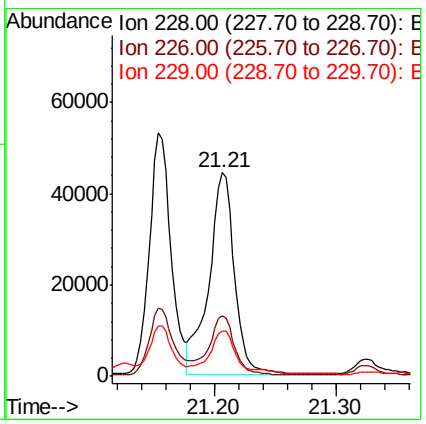




#19
Chrysene
Concen: 1.197 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:228 Resp: 64881

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.5	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPE1

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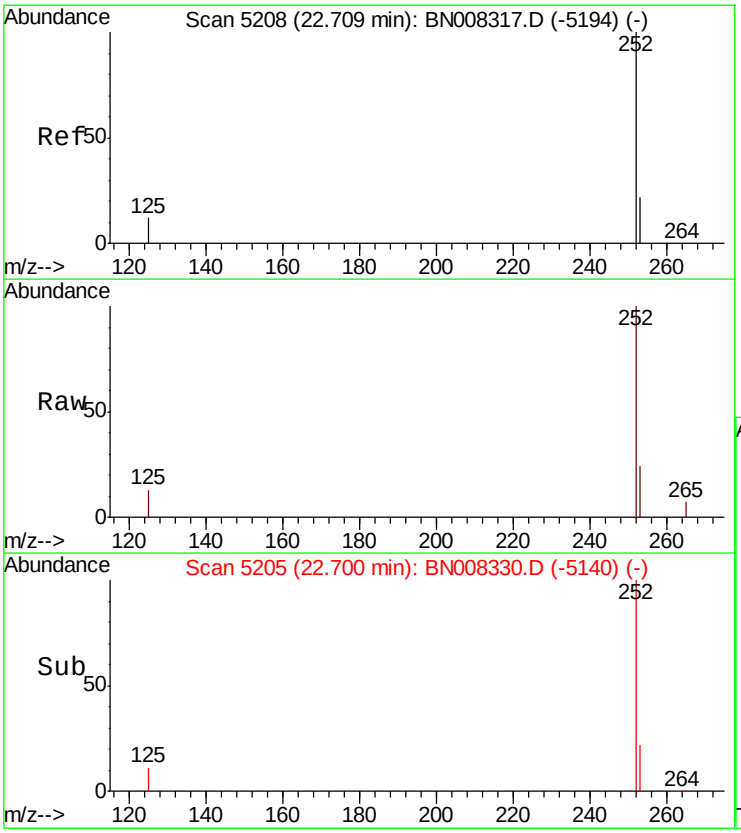
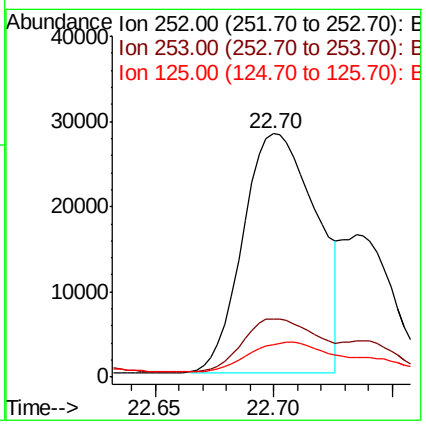
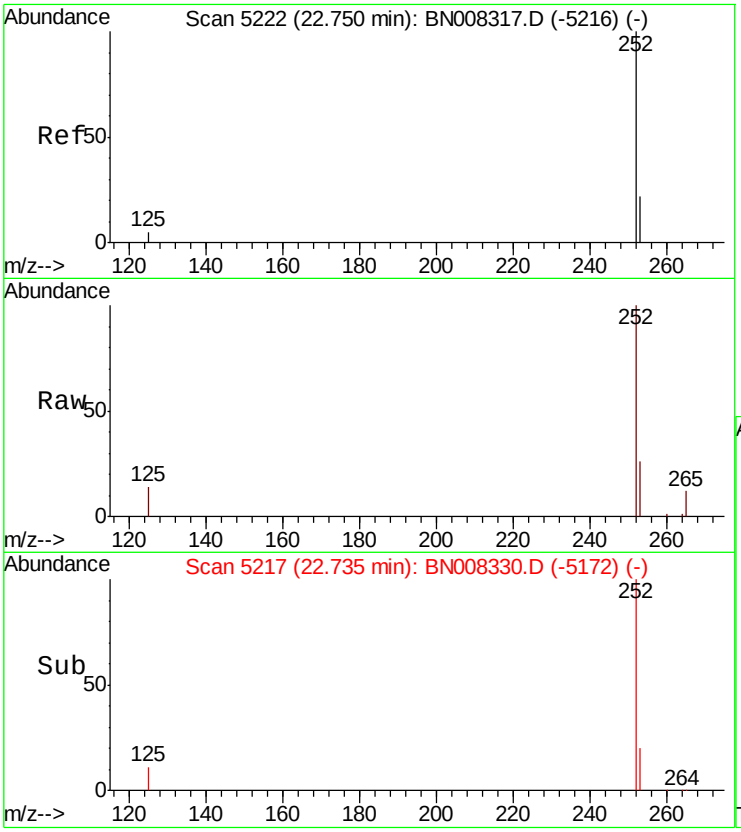


#21
Benzo(b)fluoranthene
Concen: 1.810 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:252 Resp: 60889

Ion	Ratio	Lower	Upper
252	100		
253	23.8	0.0	53.4
125	13.3	0.0	32.4

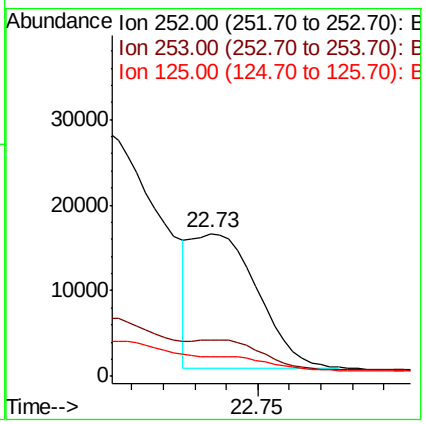




#22
Benzo(k)fluoranthene
Concen: 0.611 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:252 Resp: 23301

Ion	Ratio	Lower	Upper
252	100		
253	25.6	21.3	31.9
125	13.9	12.3	18.5



Instrument :
BNA_N
ClientSampleId :
BEPE1

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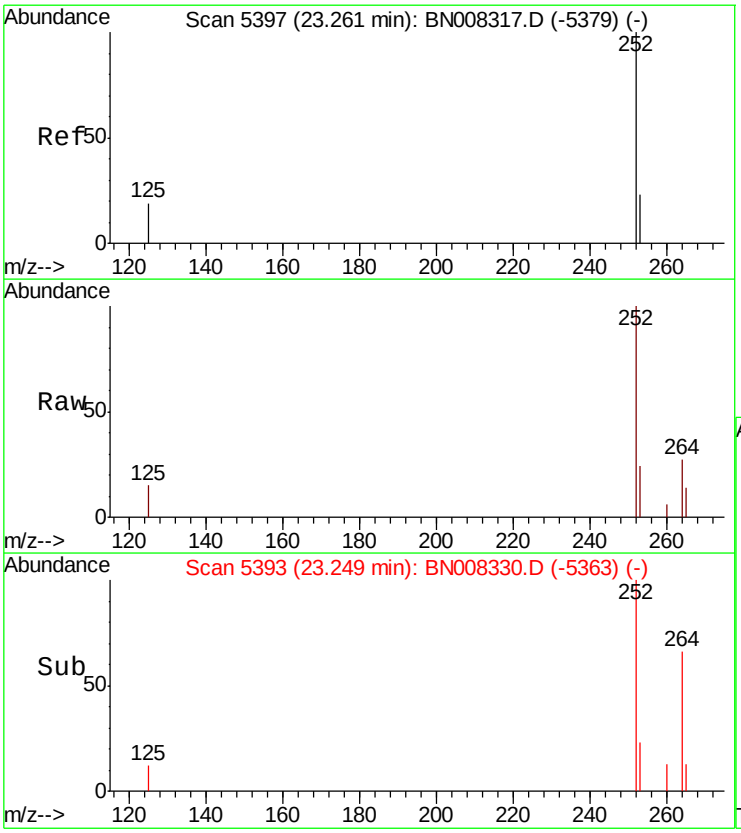
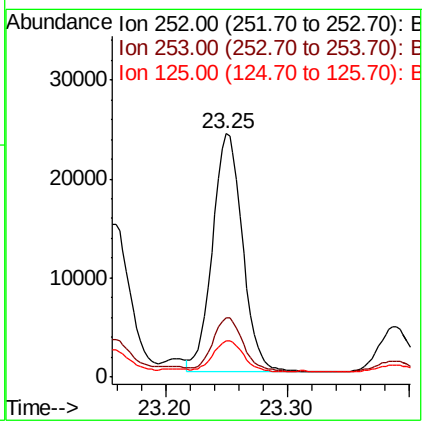
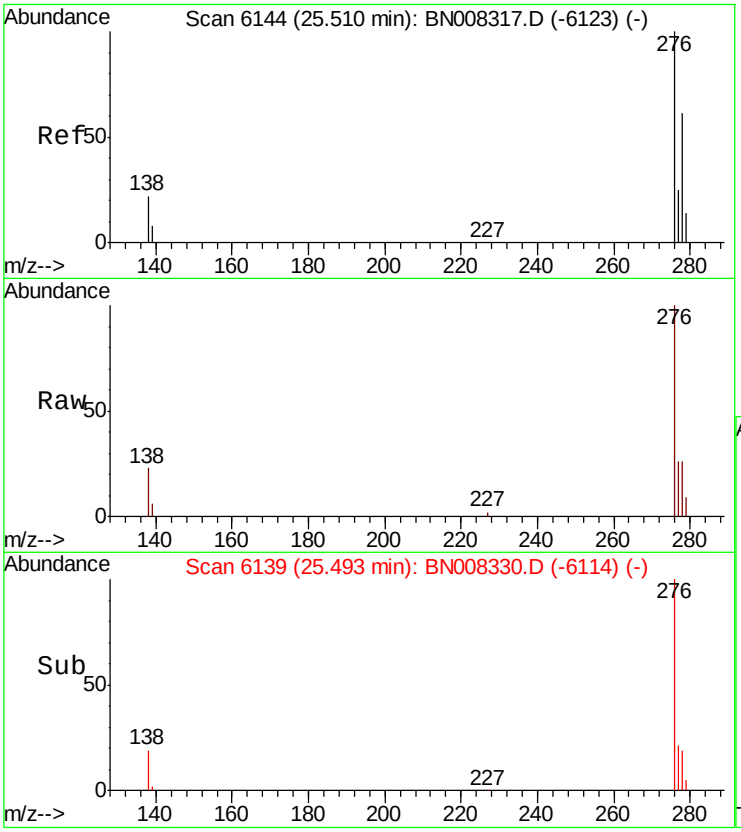


#23
Benzo(a)pyrene
Concen: 1.166 ng/ul
RT: 23.25 min Scan# 5393
Delta R.T. -0.01 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:252 Resp: 41272

Ion	Ratio	Lower	Upper
252	100		
253	24.2	22.8	34.2
125	15.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.507 ng/ul
RT: 25.49 min Scan# 6139
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:276 Resp: 21149

Ion	Ratio	Lower	Upper
276	100		
138	21.5	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
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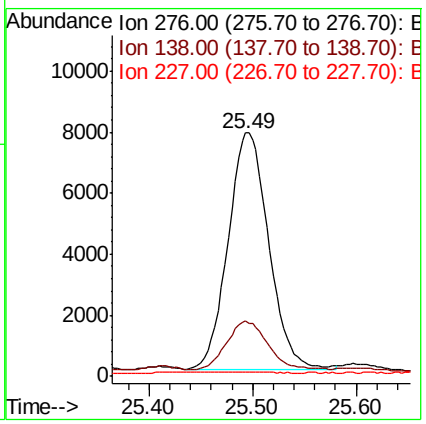
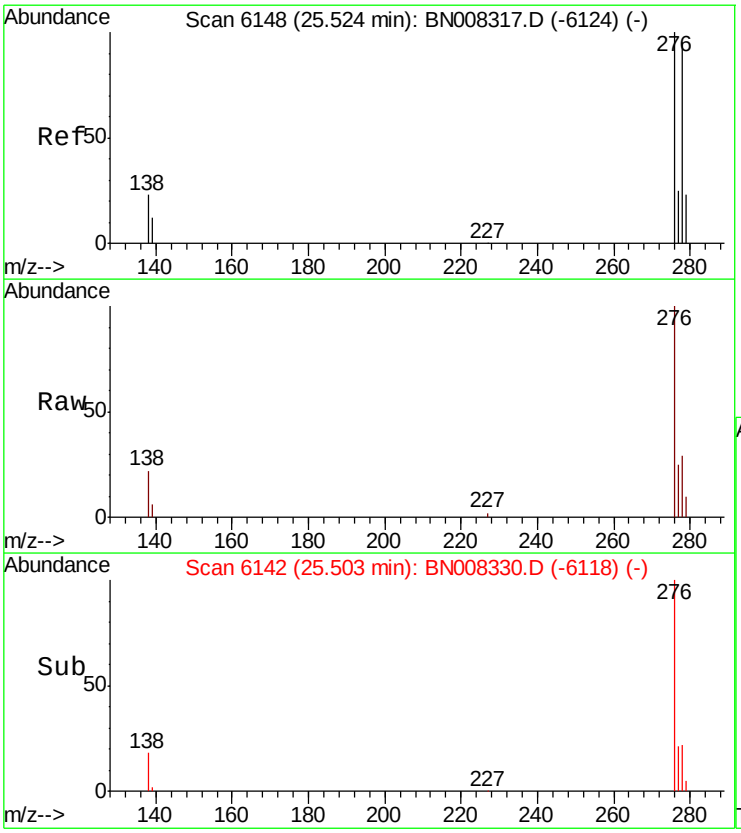
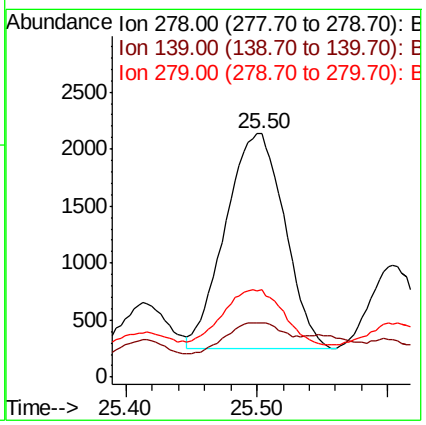


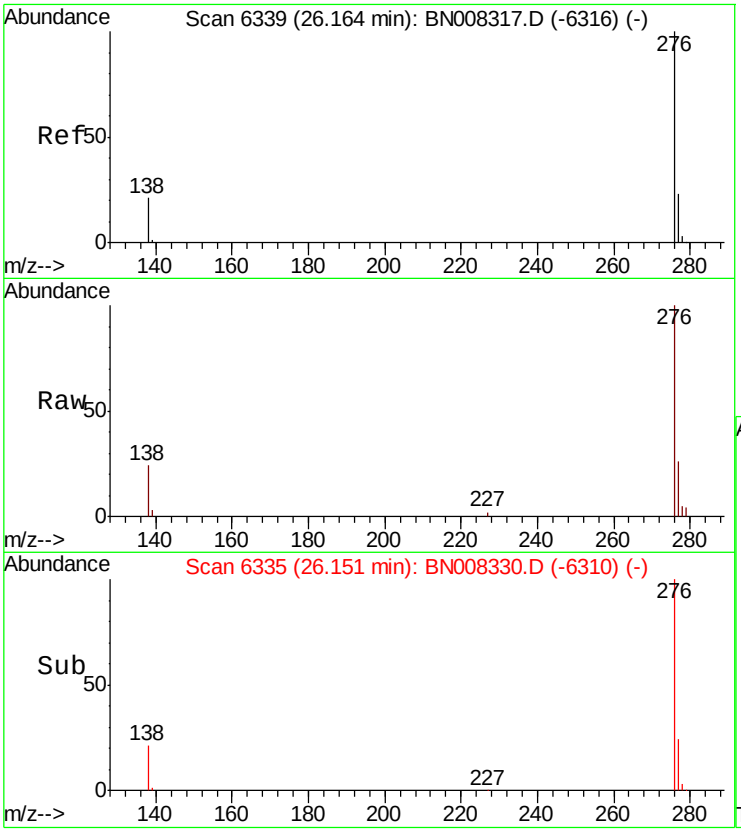


#25
Dibenzo(a,h)anthracene
Concen: 0.180 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:278 Resp: 5929

Ion	Ratio	Lower	Upper
278	100		
139	22.4	15.0	22.6
279	35.8	22.4	33.6#

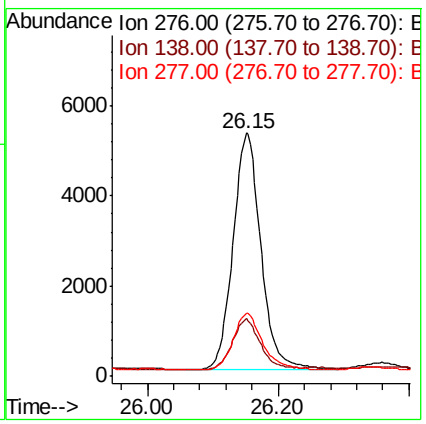




#26
Benzo(g,h,i)perylene
Concen: 0.405 ng/ul
RT: 26.15 min Scan# 6335
Delta R.T. -0.02 min
Lab File: BN008330.D
Acq: 23 Oct 2019 00:21

Tgt Ion:276 Resp: 15496

Ion	Ratio	Lower	Upper
276	100		
138	23.7	17.0	25.4
277	25.8	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPE1

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:46 AM