Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008326.D
Acq On : 22 Oct 2019 21:58
Operator : JU
Sample : K5223-04
Misc :
ALS Vial : 21 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPD8

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM

Quant Time: Oct 23 02:16:47 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

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1781	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.35	136	8811	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.22	164	5577	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12371m	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11959	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	10819	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	2681	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.00	212	9022	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.39	128	891	0.036	ng/ul#	79
5) 2-Methylnaphthalene	12.02	142	959	0.056	ng/ul	98
7) Acenaphthylene	13.94	152	6033	0.227	ng/ul	99
8) Acenaphthene	14.28	153	6054	0.293	ng/ul	99
9) Fluorene	15.27	166	11978	0.511	ng/ul	99
11) Pentachlorophenol	16.64	266	169	0.056	ng/ul	90
12) Phenanthrene	17.01	178	55638	1.536	ng/ul	99
13) Anthracene	17.10	178	37268	1.169	ng/ul	99
15) Fluoranthene	19.03	202	119224	2.492	ng/ul	97
17) Pyrene	19.40	202	111809	2.348	ng/ul	100
18) Benzo(a)anthracene	21.16	228	94342	2.170	ng/ul	99
19) Chrysene	21.21	228	92611	1.736	ng/ul	99
21) Benzo(b)fluoranthene	22.70	252	89813	2.550	ng/ul	91
22) Benzo(k)fluoranthene	22.74	252	69967	1.754	ng/ul#	92
23) Benzo(a)pyrene	23.25	252	74082	1.999	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.50	276	65817	1.508	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.51	278	46263	1.341	ng/ul	95
26) Benzo(g,h,i)perylene	26.15	276	53262	1.331	ng/ul	98

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

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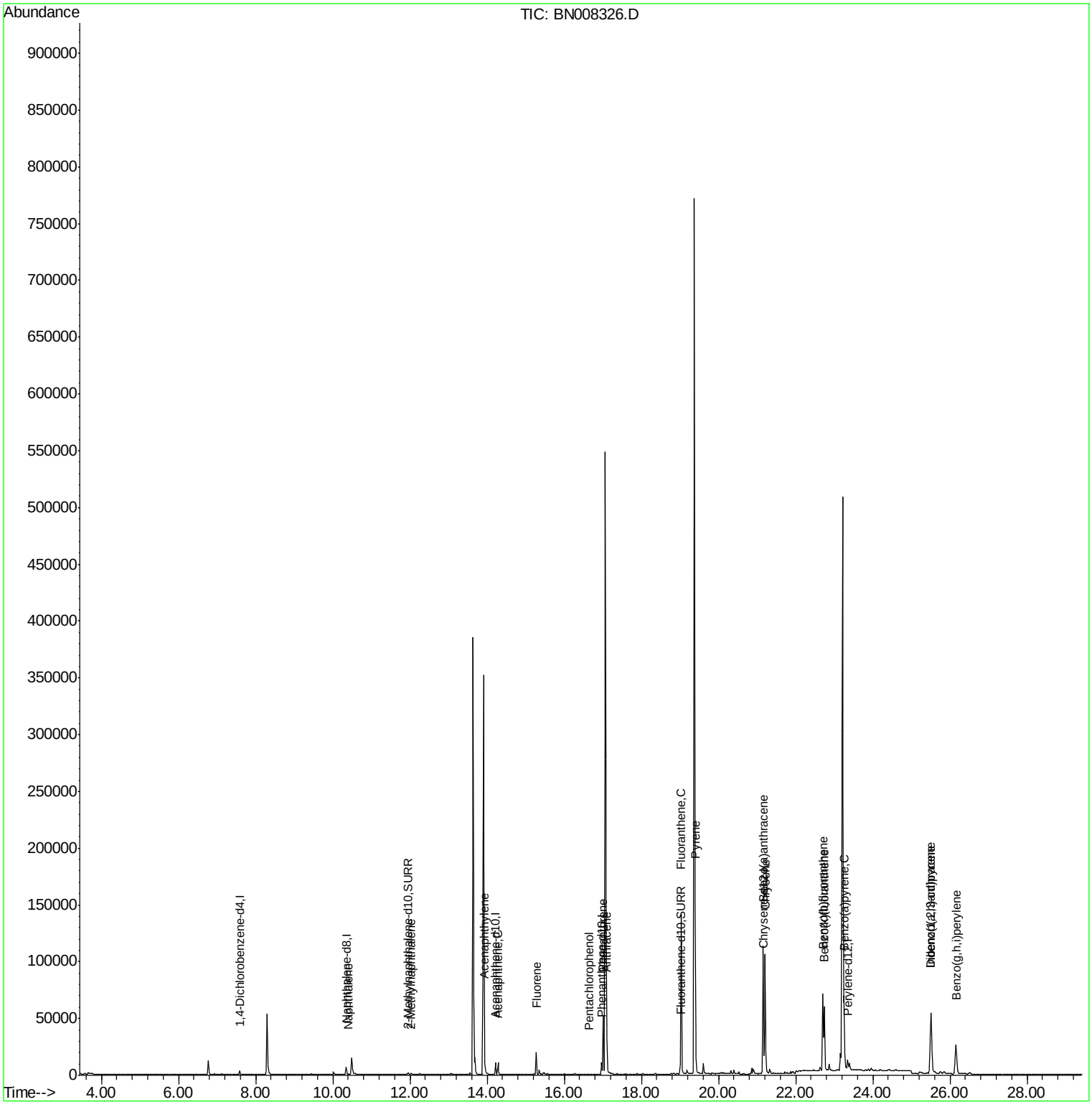

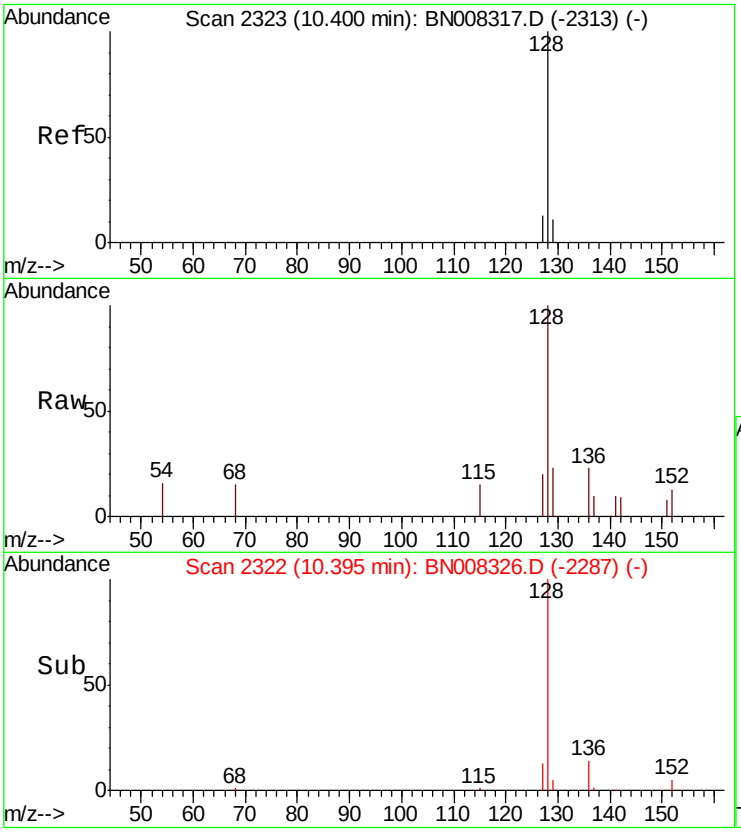

#3
Naphthalene
Concen: 0.036 ng/ul
RT: 10.39 min Scan# 2322
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:128 Resp: 891

Ion	Ratio	Lower	Upper
128	100		
129	22.9	9.8	14.8#
127	20.4	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPD8

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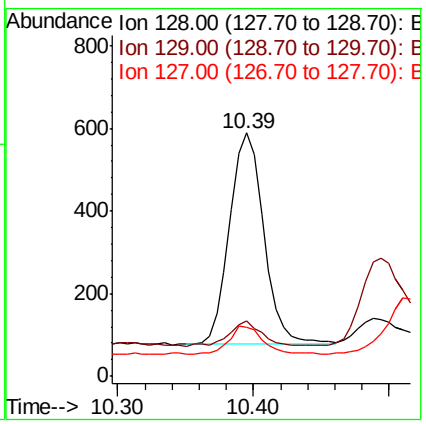
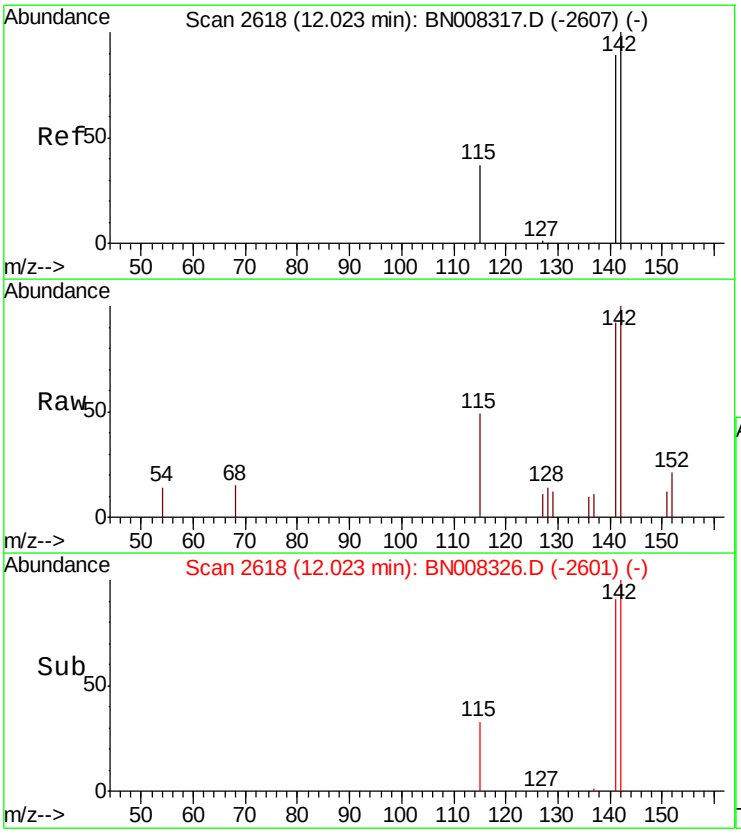
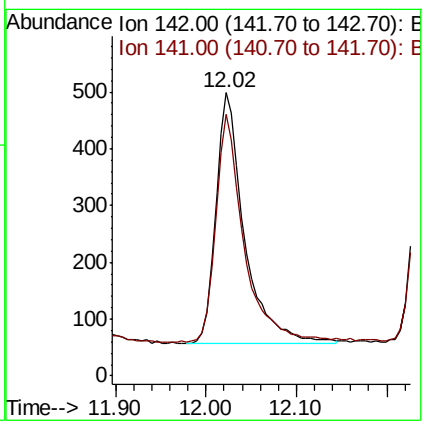


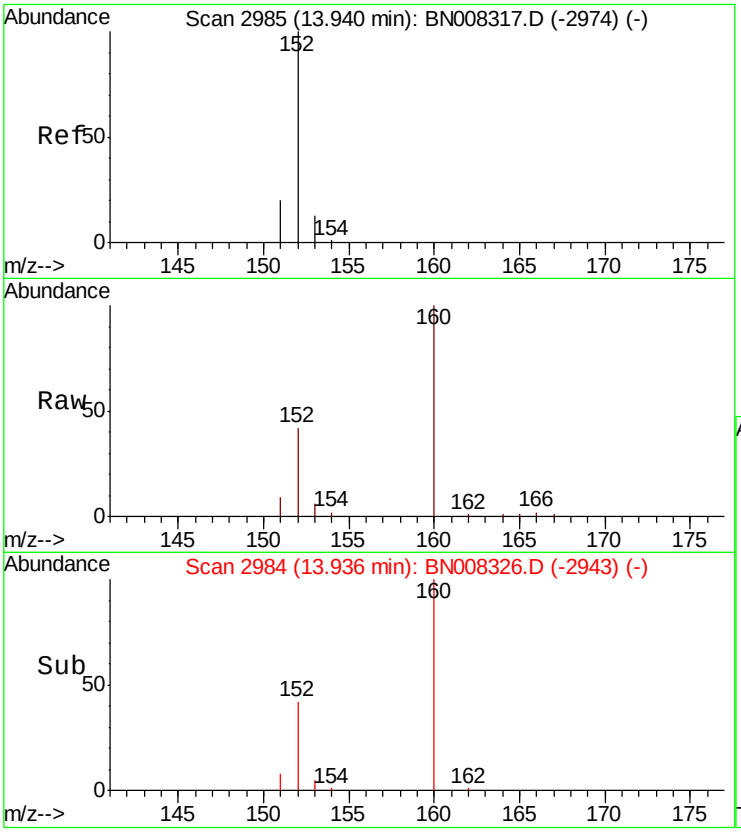


#5
2-Methylnaphthalene
Concen: 0.056 ng/ul
RT: 12.02 min Scan# 2618
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:142 Resp: 959

Ion	Ratio	Lower	Upper
142	100		
141	91.0	71.4	107.2

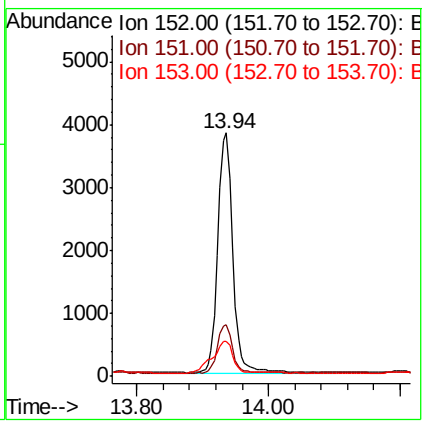




#7
Acenaphthylene
Concen: 0.227 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:152 Resp: 6033

Ion	Ratio	Lower	Upper
152	100		
151	21.0	16.2	24.4
153	14.3	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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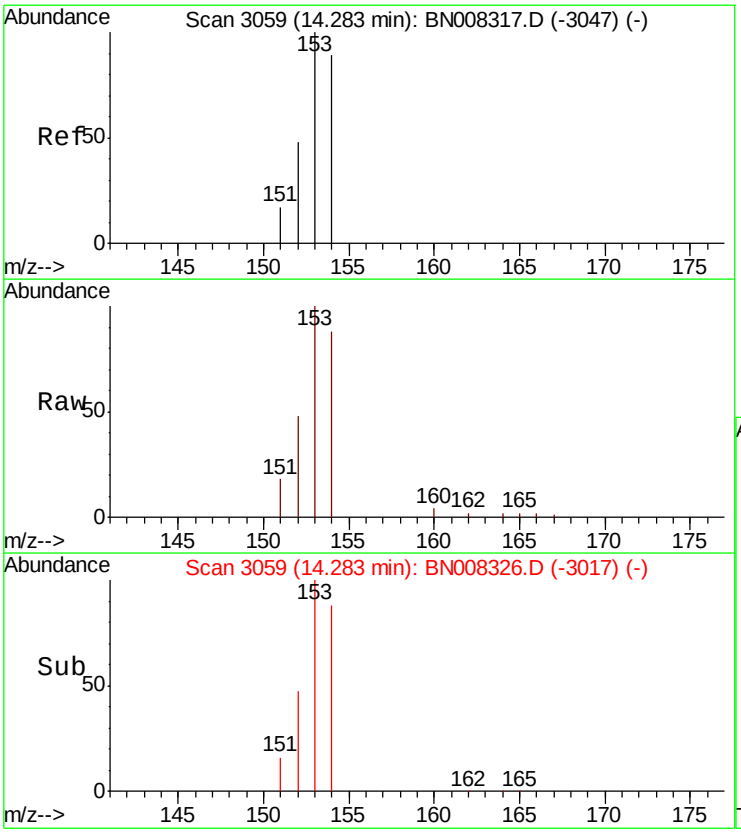
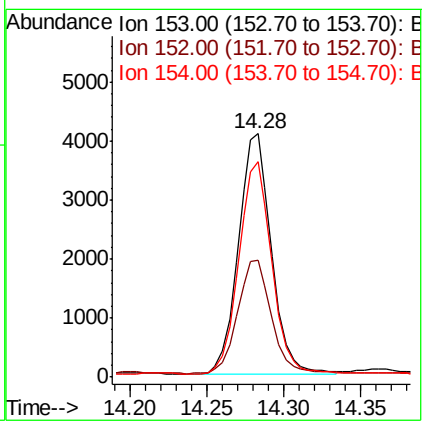
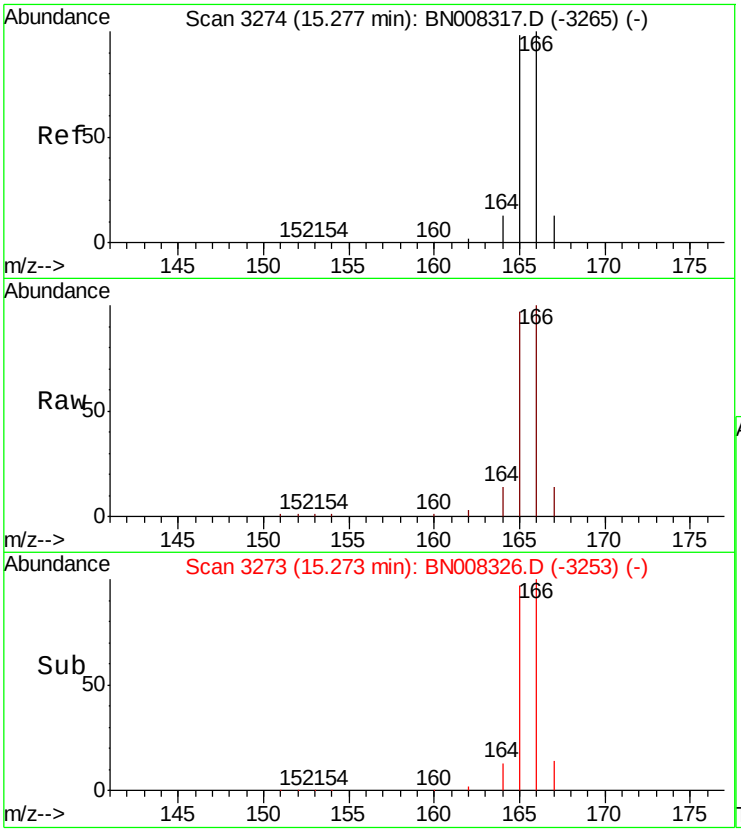


#8
Acenaphthene
Concen: 0.293 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:153 Resp: 6054

Ion	Ratio	Lower	Upper
153	100		
152	48.0	38.2	57.2
154	88.5	71.8	107.8

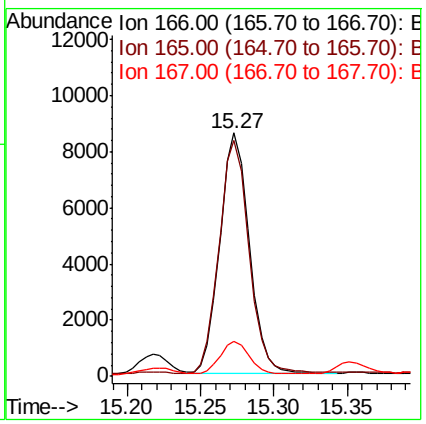




#9
Fluorene
Concen: 0.511 ng/ul
RT: 15.27 min Scan# 3273
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:166 Resp: 11978

Ion	Ratio	Lower	Upper
166	100		
165	97.0	76.6	115.0
167	14.3	11.7	17.5



Instrument :
BNA_N
ClientSampleId :
BEPD8

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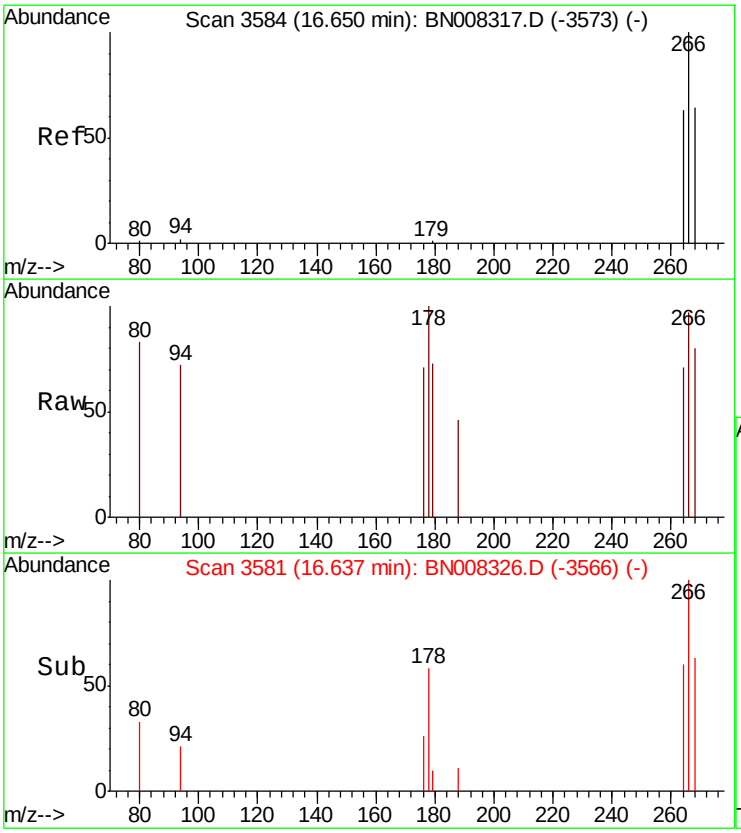
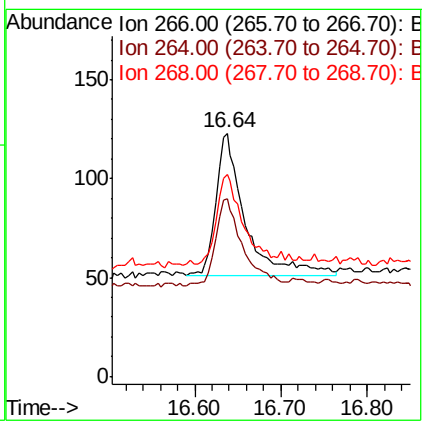
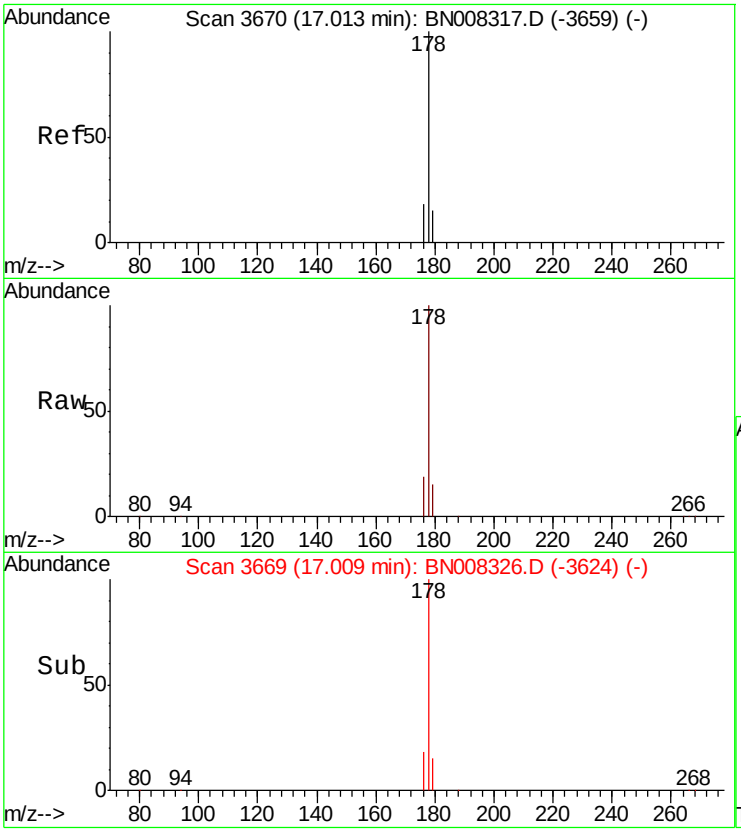


#11
Pentachlorophenol
Concen: 0.056 ng/ul
RT: 16.64 min Scan# 3581
Delta R.T. -0.04 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:266 Resp: 169

Ion	Ratio	Lower	Upper
266	100		
264	56.8	50.1	75.1
268	55.6	51.9	77.9

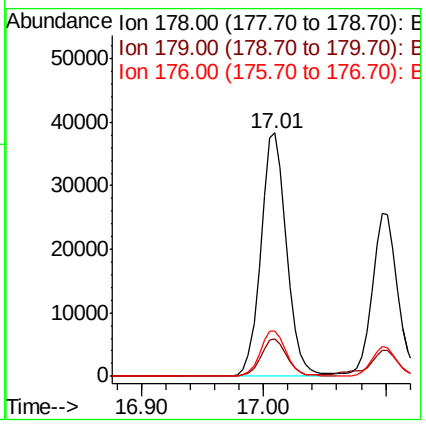




#12
Phenanthrene
Concen: 1.536 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:178 Resp: 55638

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



Instrument :
BNA_N
ClientSampleId :
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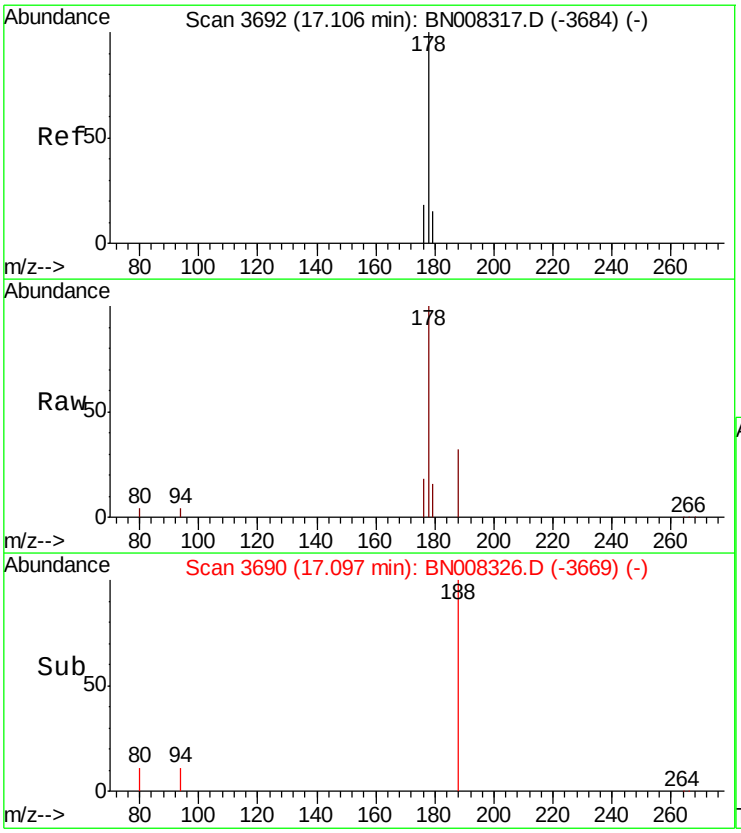
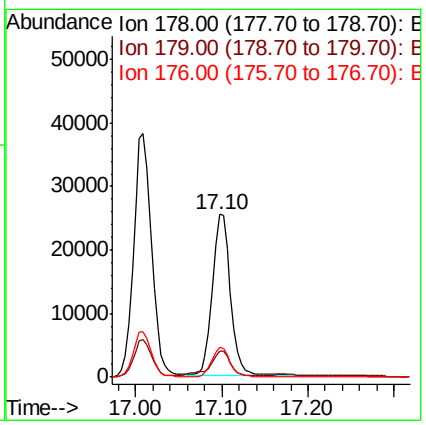
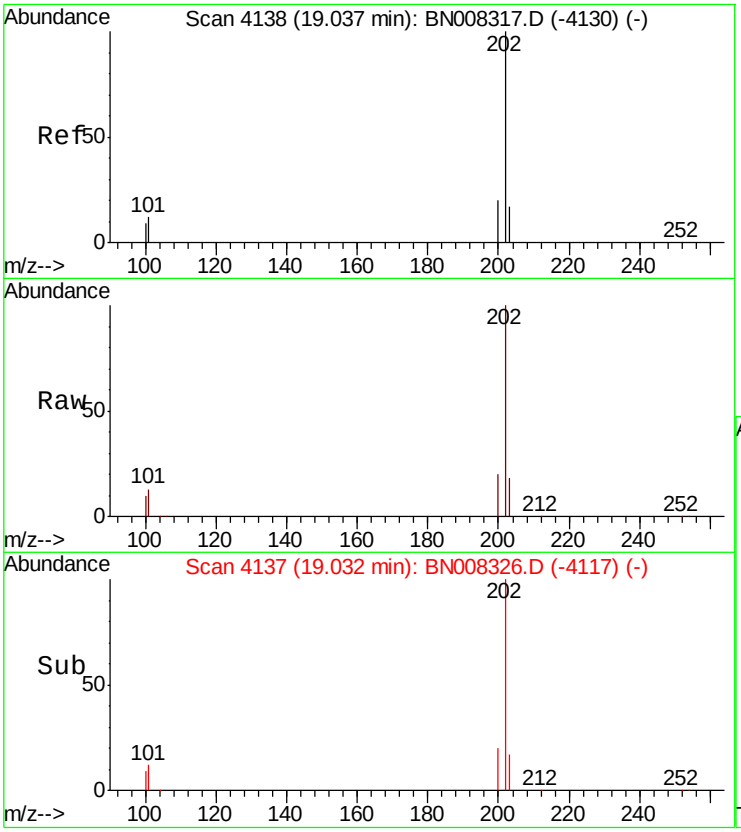


#13
Anthracene
Concen: 1.169 ng/ul
RT: 17.10 min Scan# 3690
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:178 Resp: 37268

Ion	Ratio	Lower	Upper
178	100		
179	15.8	13.0	19.6
176	18.5	15.0	22.6

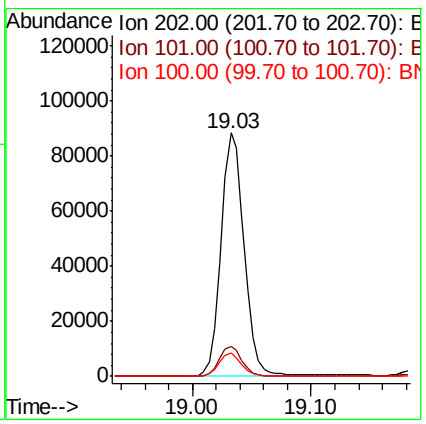




#15
Fluoranthene
Concen: 2.492 ng/ul
RT: 19.03 min Scan# 4137
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:202 Resp: 119224

Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	31.2
100	9.5	0.0	28.5



Instrument :
BNA_N
ClientSampleId :
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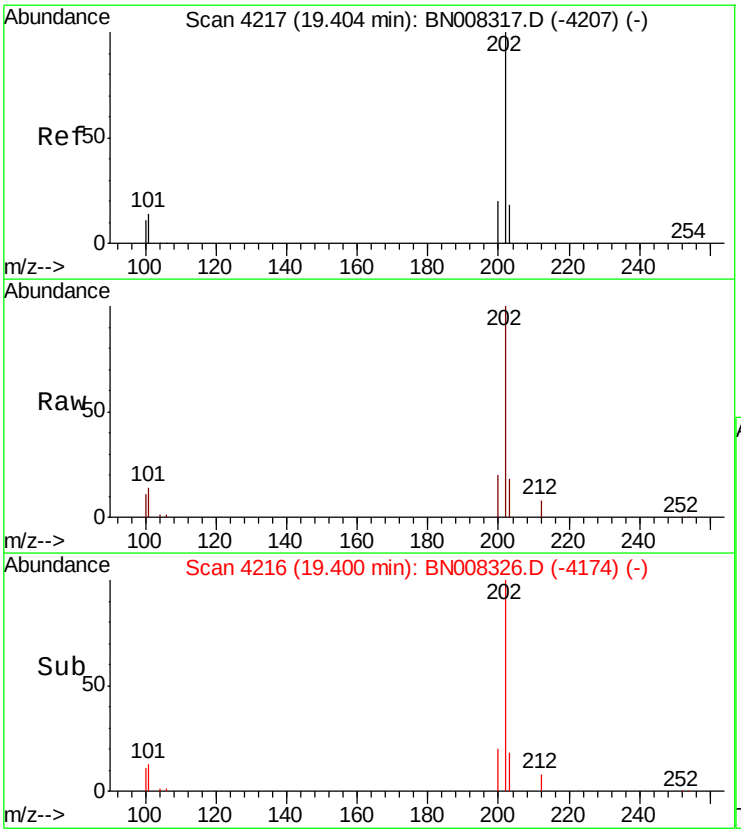
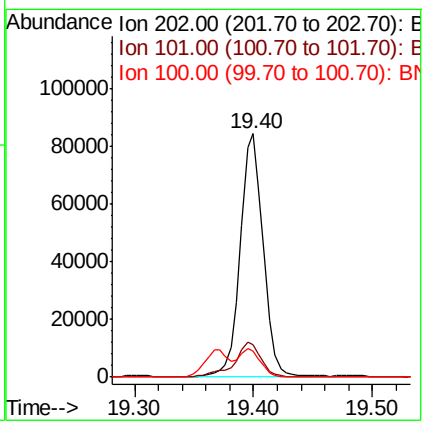
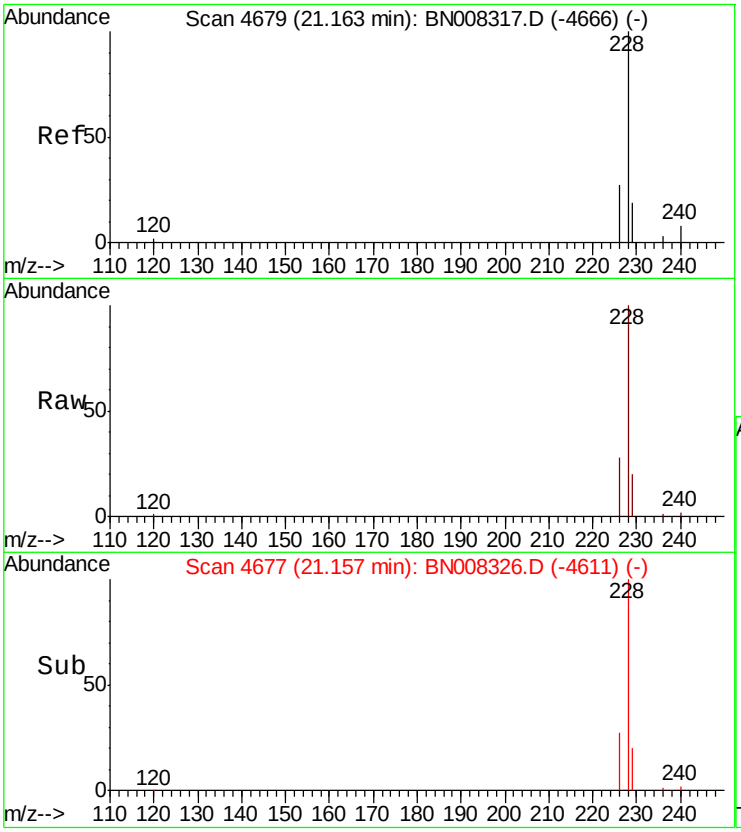


#17
Pyrene
Concen: 2.348 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:202 Resp: 111809

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	10.9	8.7	13.1

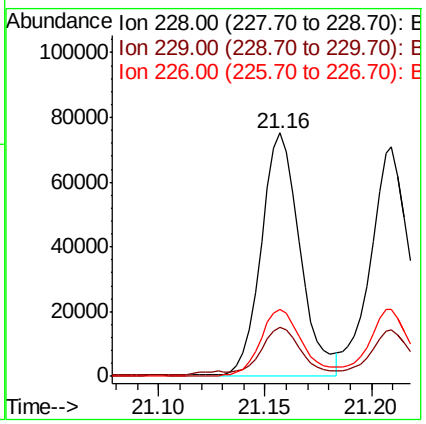




#18
Benzo(a)anthracene
Concen: 2.170 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:228 Resp: 94342

Ion	Ratio	Lower	Upper
228	100		
229	20.1	16.2	24.2
226	27.7	21.4	32.0



Instrument :
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ClientSampleId :
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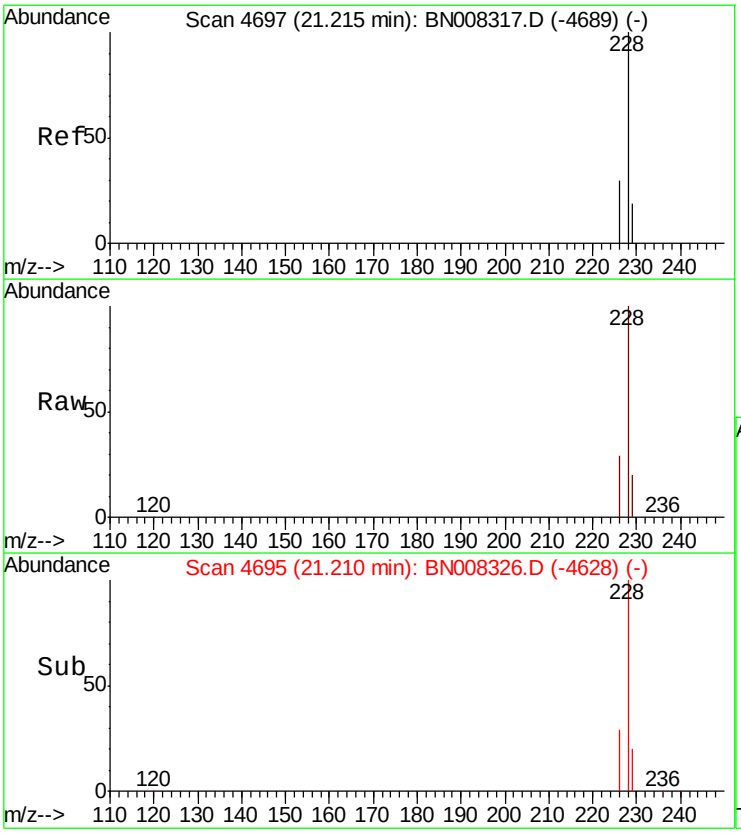
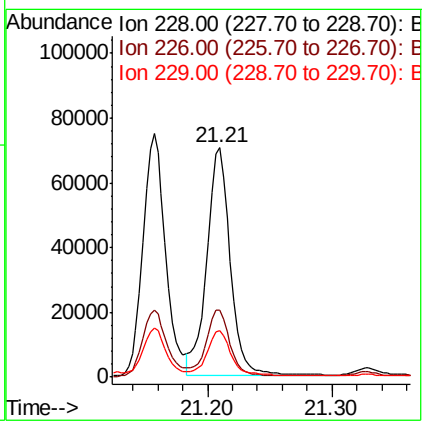
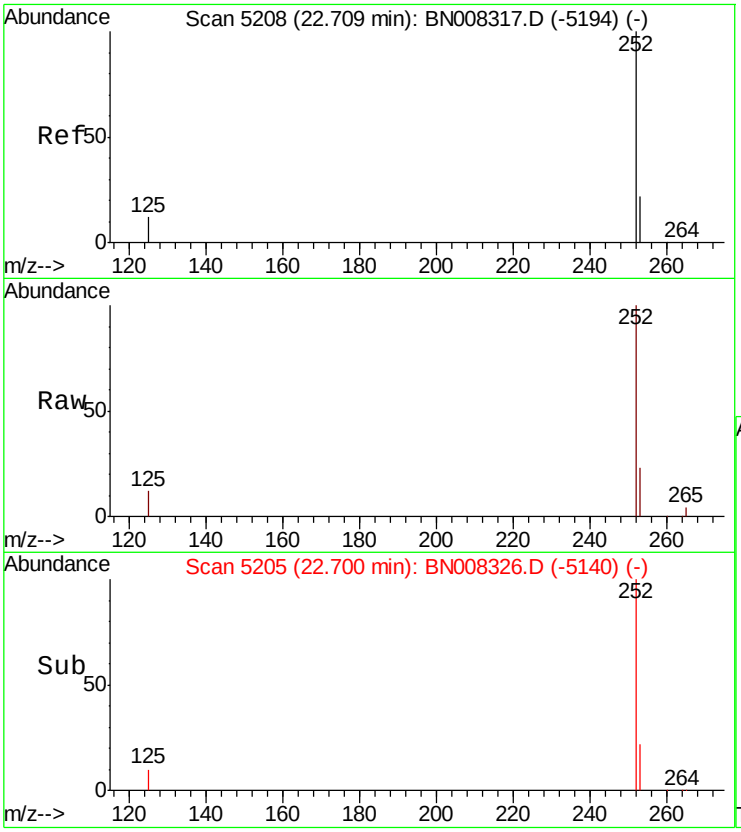


#19
Chrysene
Concen: 1.736 ng/ul
RT: 21.21 min Scan# 4695
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:228 Resp: 92611

Ion	Ratio	Lower	Upper
228	100		
226	29.4	24.1	36.1
229	20.4	16.2	24.2

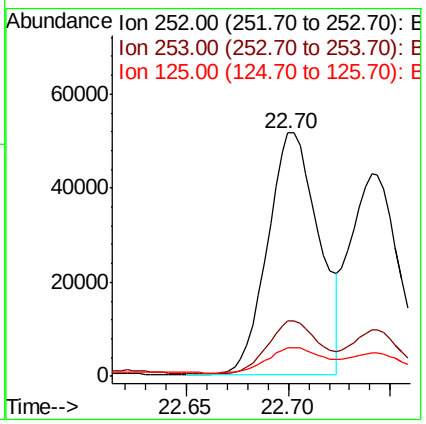




#21
Benzo(b)fluoranthene
Concen: 2.550 ng/ul
RT: 22.70 min Scan# 5205
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:252 Resp: 89813

Ion	Ratio	Lower	Upper
252	100		
253	22.7	0.0	53.4
125	11.6	0.0	32.4



Instrument :
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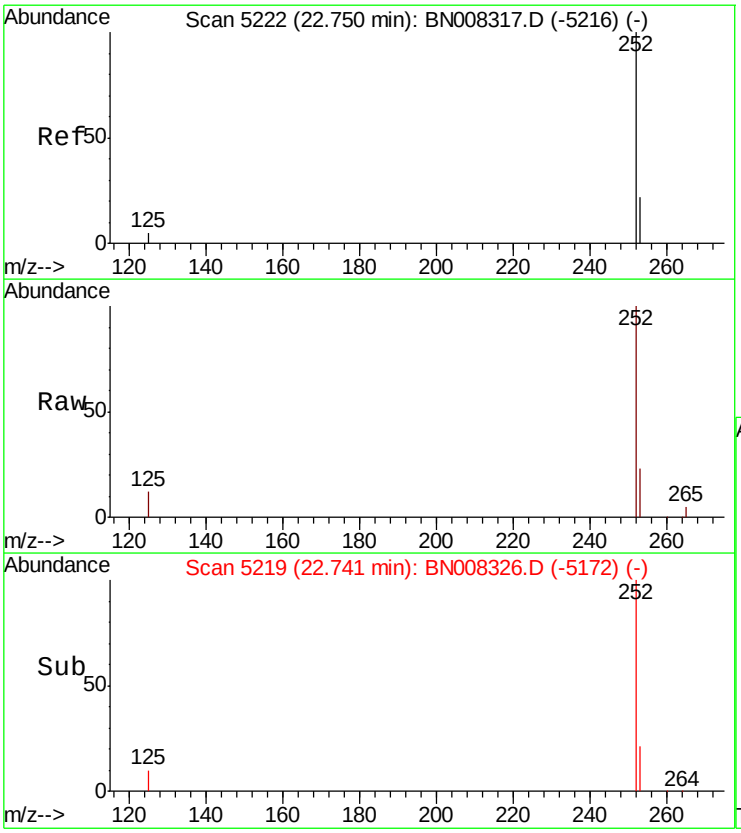
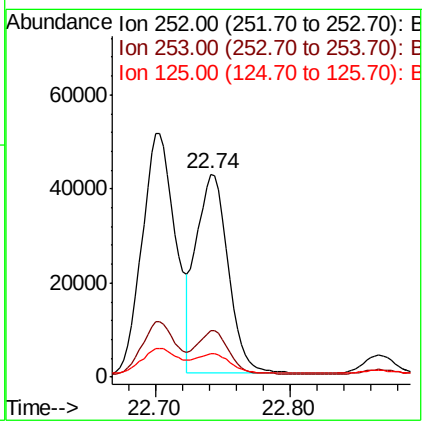
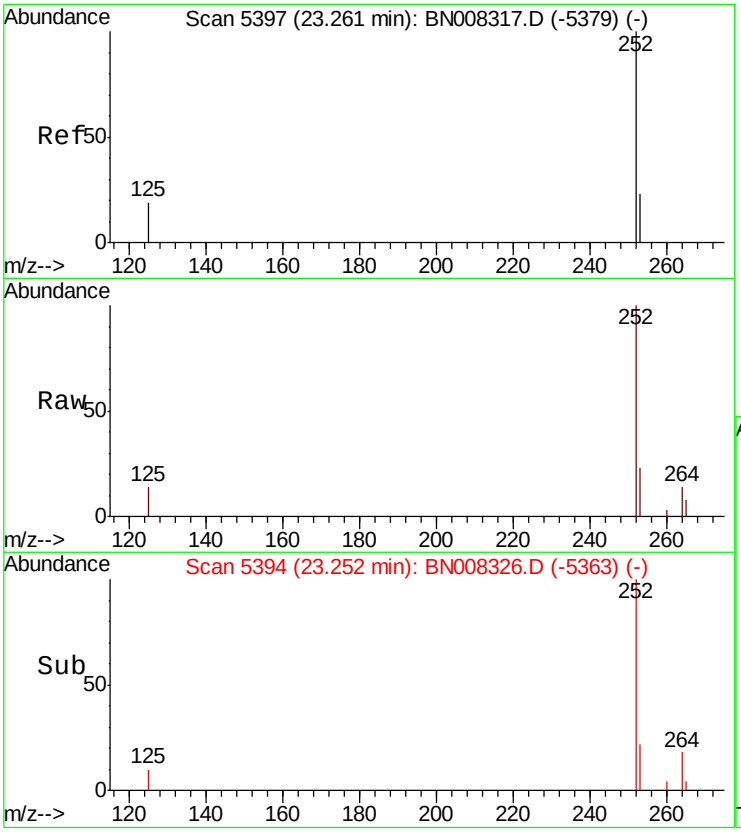


#22
Benzo(k)fluoranthene
Concen: 1.754 ng/ul
RT: 22.74 min Scan# 5219
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:252 Resp: 69967

Ion	Ratio	Lower	Upper
252	100		
253	22.9	21.3	31.9
125	11.8	12.3	18.5#





#23
Benzo(a)pyrene
Concen: 1.999 ng/ul
RT: 23.25 min Scan# 5394
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:252 Resp: 74082

Ion	Ratio	Lower	Upper
252	100		
253	23.1	22.8	34.2
125	13.6	18.4	27.6#

Instrument :
BNA_N
ClientSampleId :
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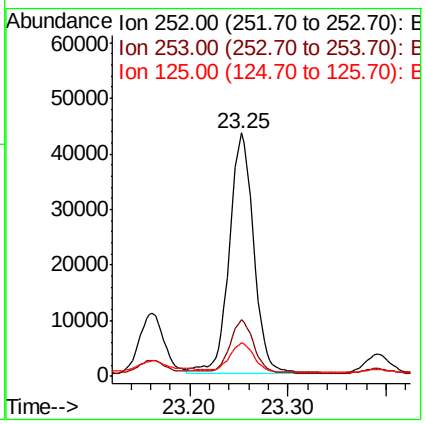
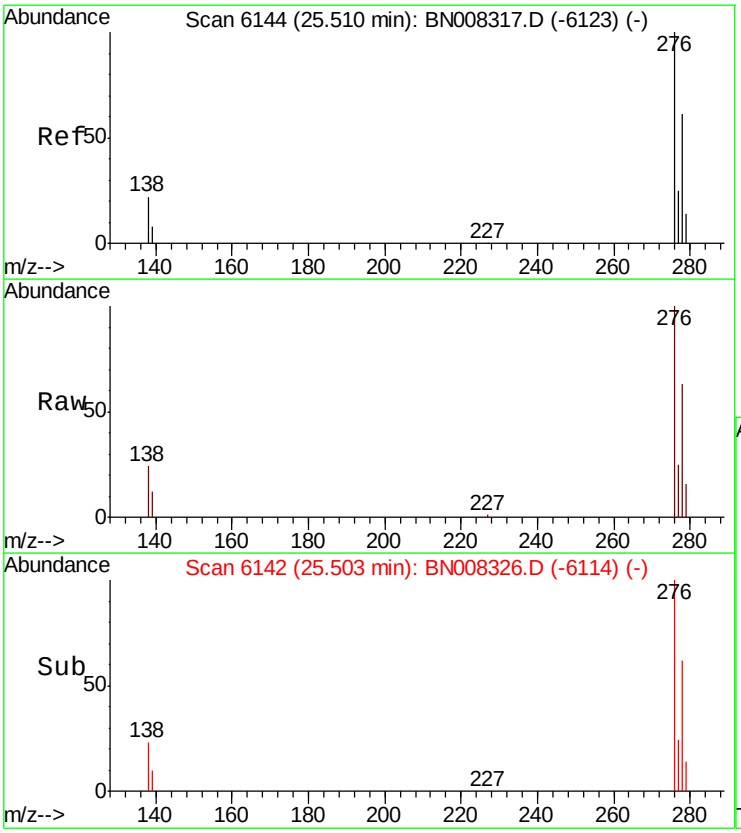
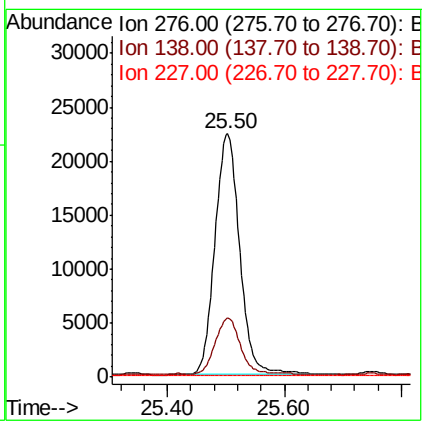


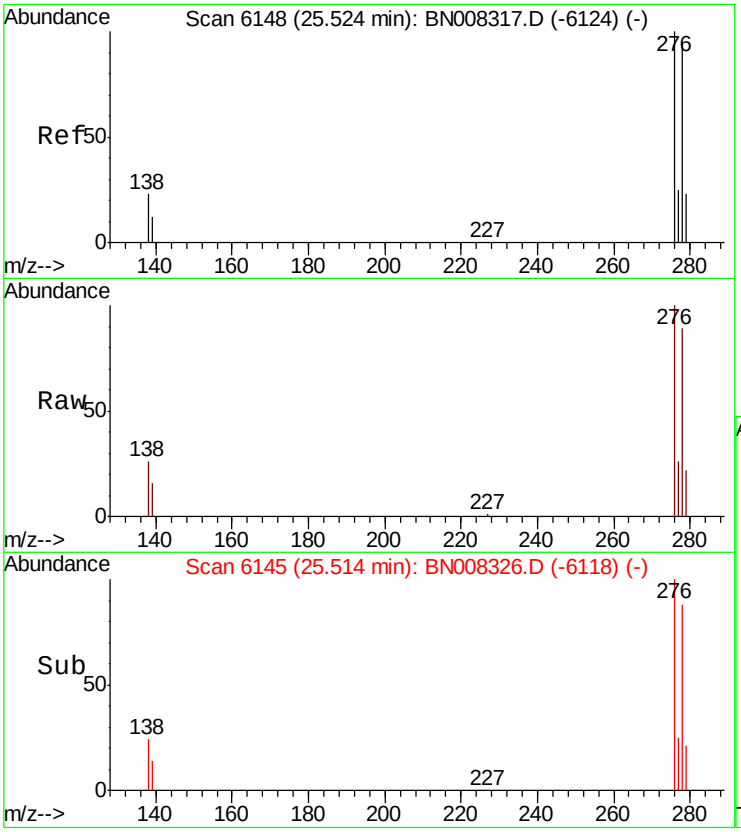


#24
Indeno(1,2,3-cd)pyrene
Concen: 1.508 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:276 Resp: 65817

Ion	Ratio	Lower	Upper
276	100		
138	24.5	16.1	24.1#
227	0.1	0.2	0.2#

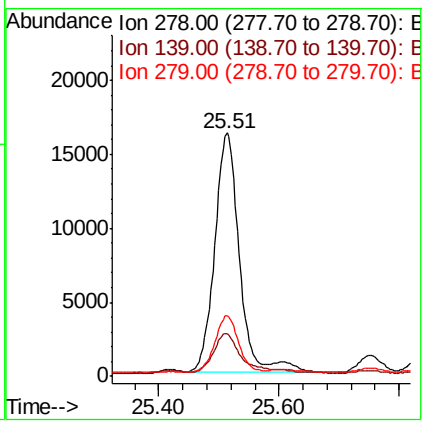




#25
Dibenzo(a,h)anthracene
Concen: 1.341 ng/ul
RT: 25.51 min Scan# 6145
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

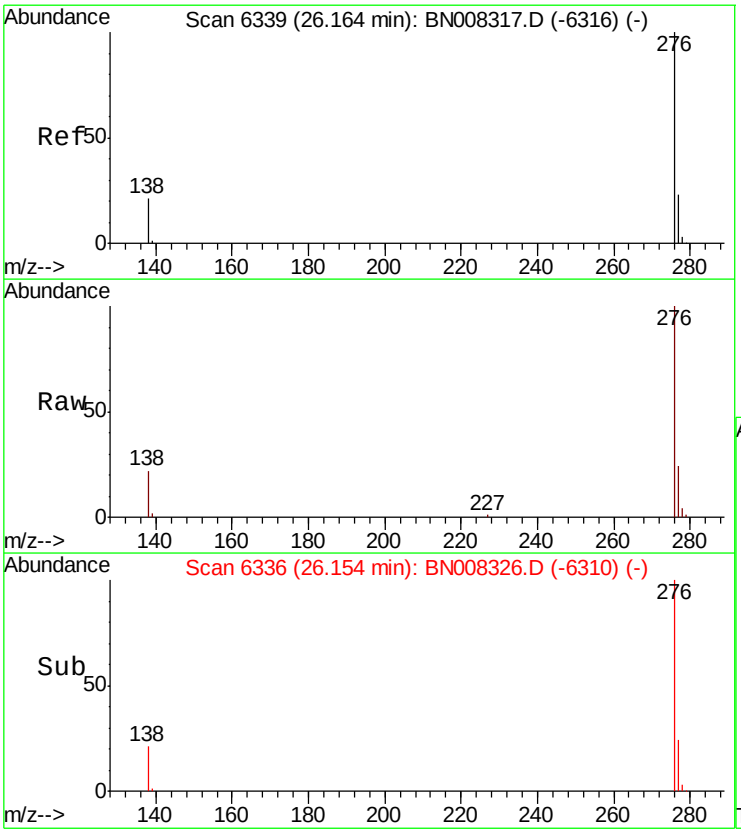
Tgt Ion:278 Resp: 46263

Ion	Ratio	Lower	Upper
278	100		
139	17.7	15.0	22.6
279	24.8	22.4	33.6



Instrument :
BNA_N
ClientSampleId :
BEPD8

Manual Integrations APPROVED
mohammad
10/24/2019 8:05:38 AM



#26
Benzo(g,h,i)perylene
Concen: 1.331 ng/ul
RT: 26.15 min Scan# 6336
Delta R.T. -0.01 min
Lab File: BN008326.D
Acq: 22 Oct 2019 21:58

Tgt Ion:276 Resp: 53262

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	24.2	20.4	30.6