Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102219\
Data File : BN008309.D
Acq On : 22 Oct 2019 11:15
Operator : JU
Sample : K5199-16DL 5X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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10/23/2019 8:06:21 AM

Quant Time: Oct 22 13:44:06 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 : Tue Oct 22 13:04:25 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.58	152	1682	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8277	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5250	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11449	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	10786	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	9697	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	934	0.07	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2981	0.08	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	2034	0.086	ng/ul#	92
5) 2-Methylnaphthalene	12.03	142	989	0.061	ng/ul	100
7) Acenaphthylene	13.94	152	5924	0.237	ng/ul	97
8) Acenaphthene	14.28	153	2857	0.147	ng/ul	99
9) Fluorene	15.28	166	3589	0.163	ng/ul#	98
12) Phenanthrene	17.01	178	86590	2.583	ng/ul	99
13) Anthracene	17.10	178	16817	0.570	ng/ul	99
15) Fluoranthene	19.04	202	234454	5.296	ng/ul	99
17) Pyrene	19.40	202	240849	5.608	ng/ul	98
18) Benzo(a)anthracene	21.16	228	136726	3.487	ng/ul	98
19) Chrysene	21.21	228	151373	3.145	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	161564m	5.118	ng/ul	
22) Benzo(k)fluoranthene	22.74	252	57365m	1.604	ng/ul	
23) Benzo(a)pyrene	23.26	252	109802	3.305	ng/ul#	86
24) Indeno(1,2,3-cd)pyrene	25.50	276	61914	1.583	ng/ul	99
25) Dibenzo(a,h)anthracene	25.50	278	16353	0.529	ng/ul	97
26) Benzo(g,h,i)perylene	26.16	276	53557	1.493	ng/ul	98

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

Quantitation Report (QT Reviewed)

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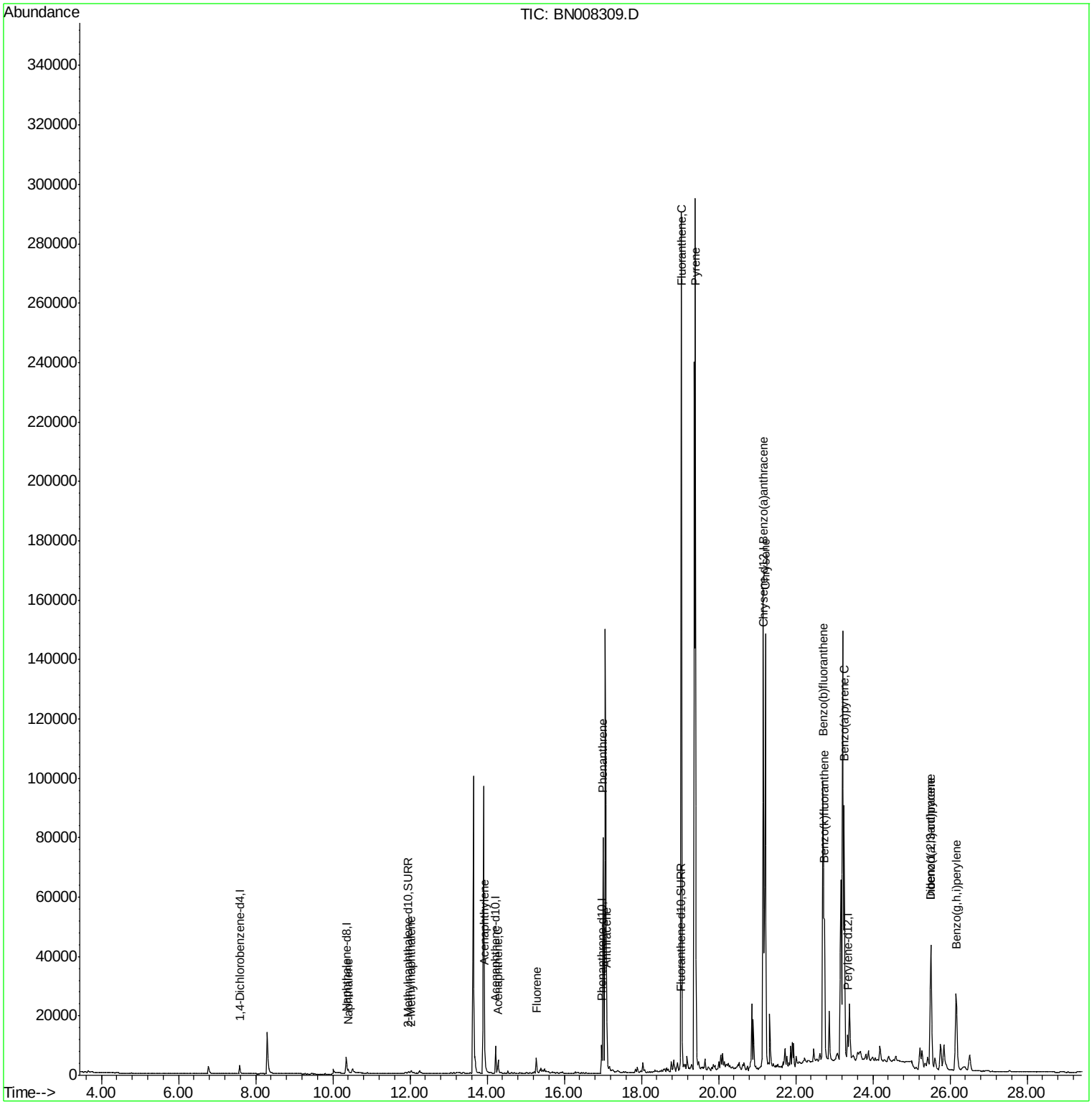

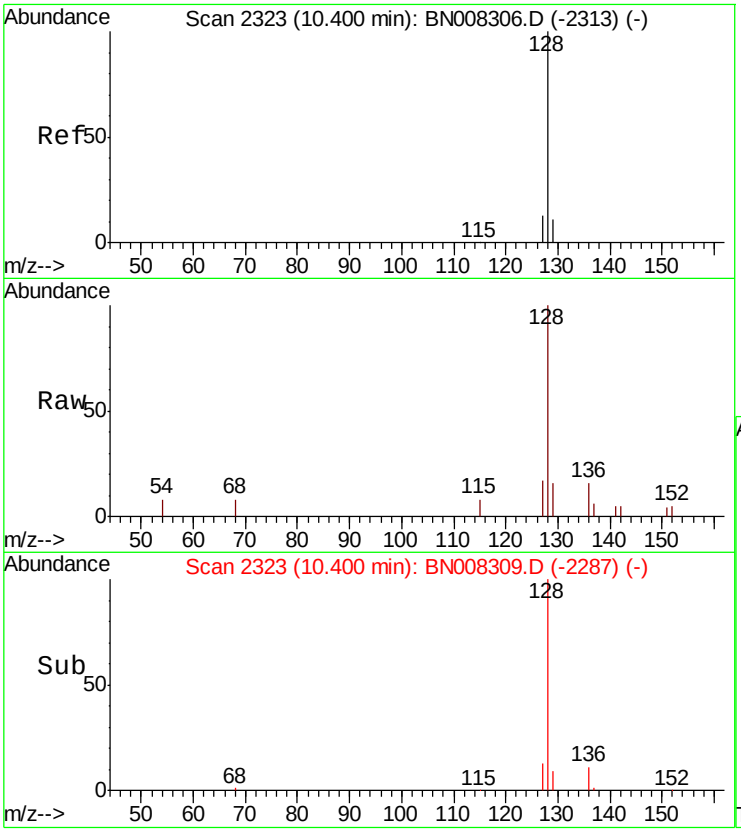

#3
Naphthalene
Concen: 0.086 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:128 Resp: 2034

Ion	Ratio	Lower	Upper
128	100		
129	16.2	9.8	14.8#
127	16.6	11.1	16.7

Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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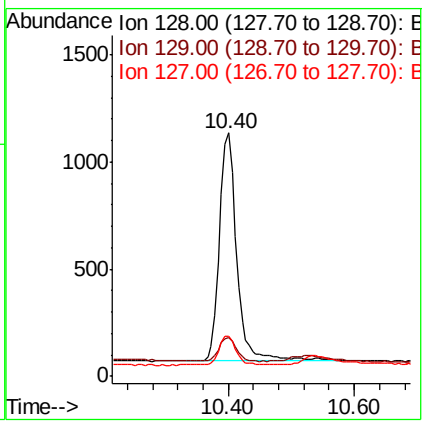
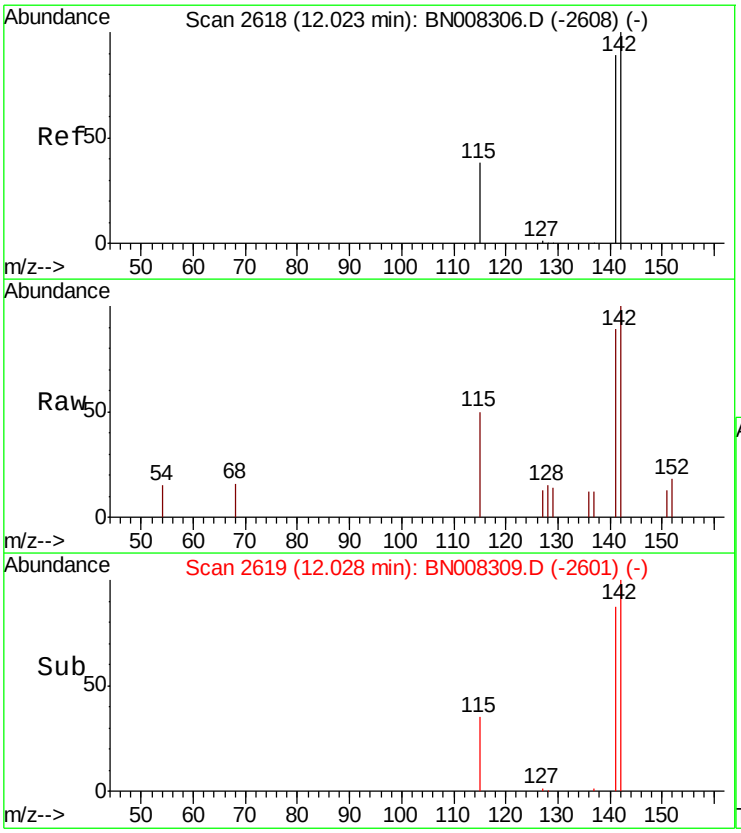
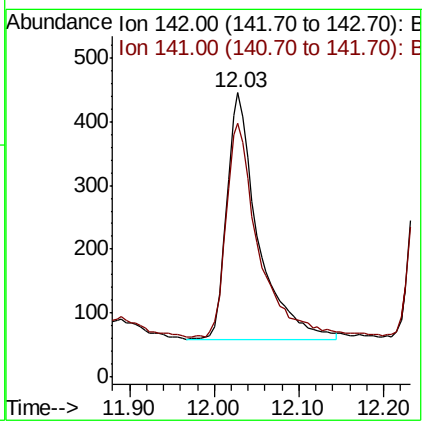


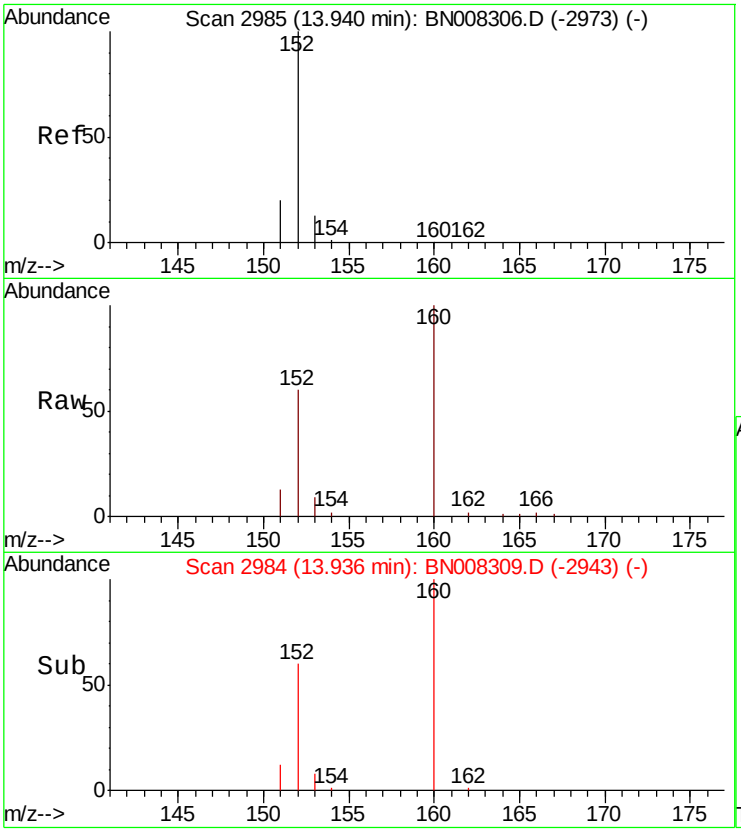


#5
2-Methylnaphthalene
Concen: 0.061 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:142 Resp: 989

Ion	Ratio	Lower	Upper
142	100		
141	89.0	71.4	107.2

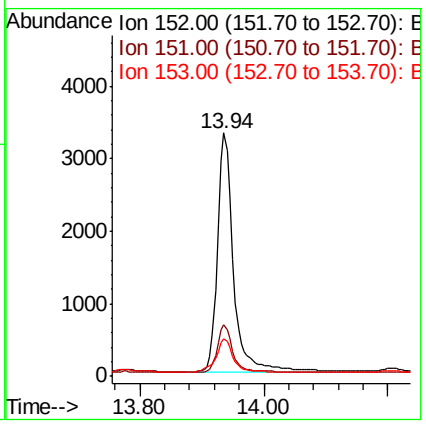




#7
Acenaphthylene
Concen: 0.237 ng/ul
RT: 13.94 min Scan# 2984
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:152 Resp: 5924

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.2	24.4
153	15.4	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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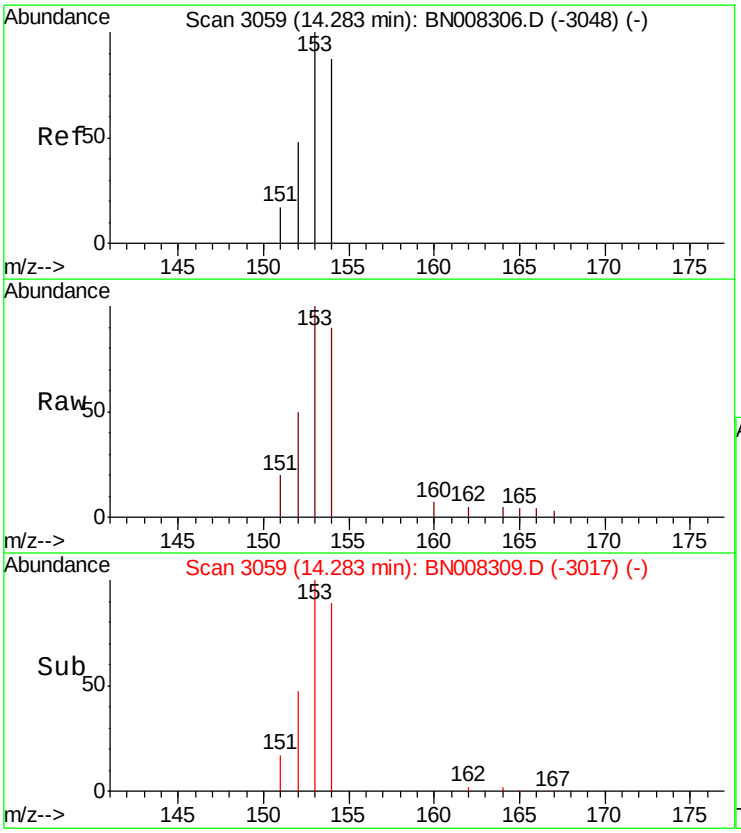
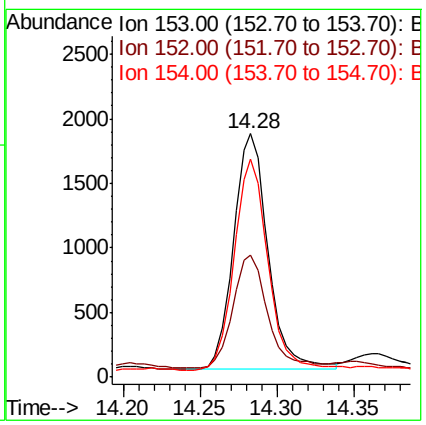
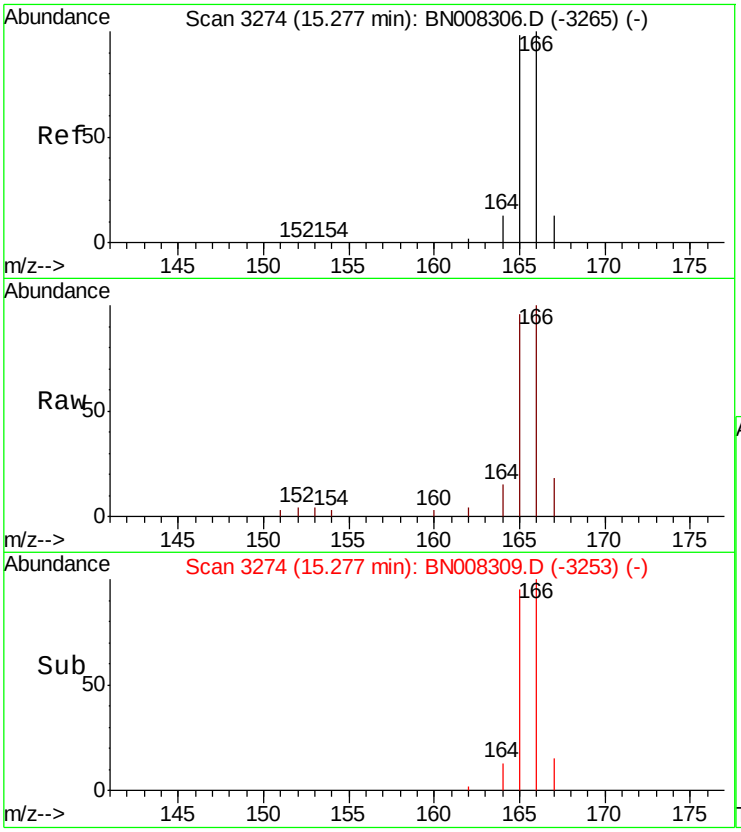


#8
Acenaphthene
Concen: 0.147 ng/ul
RT: 14.28 min Scan# 3059
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:153 Resp: 2857

Ion	Ratio	Lower	Upper
153	100		
152	49.9	38.2	57.2
154	89.6	71.8	107.8

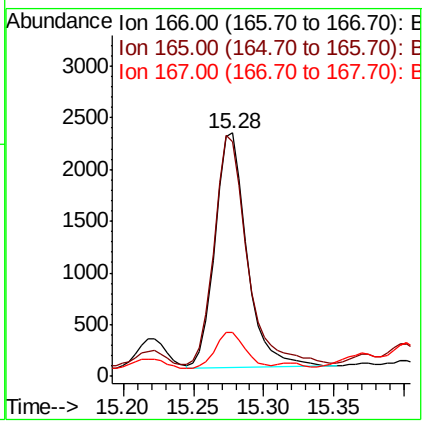




#9
Fluorene
Concen: 0.163 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:166 Resp: 3589

Ion	Ratio	Lower	Upper
166	100		
165	96.4	76.6	115.0
167	17.8	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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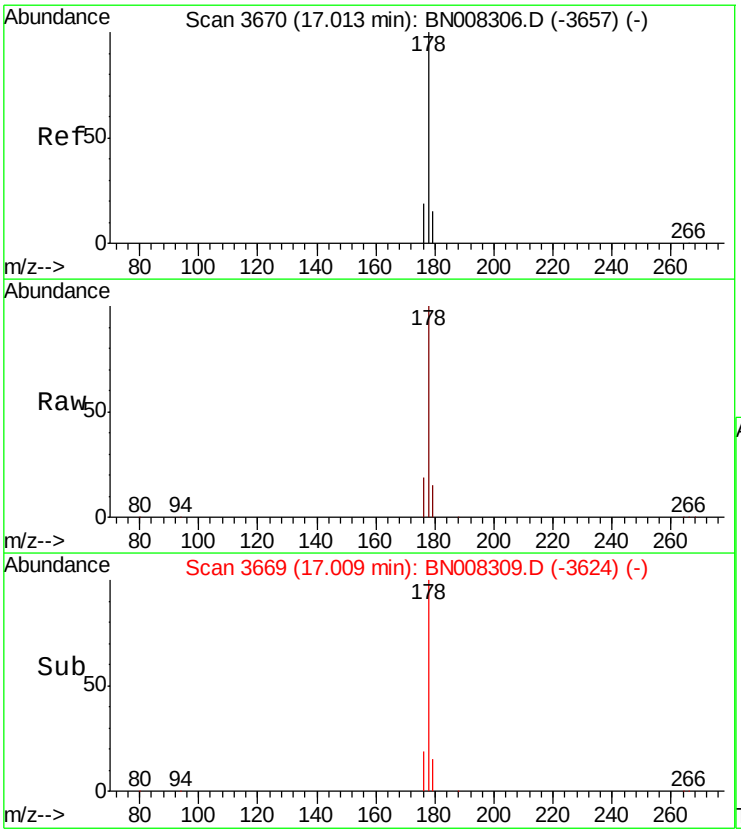
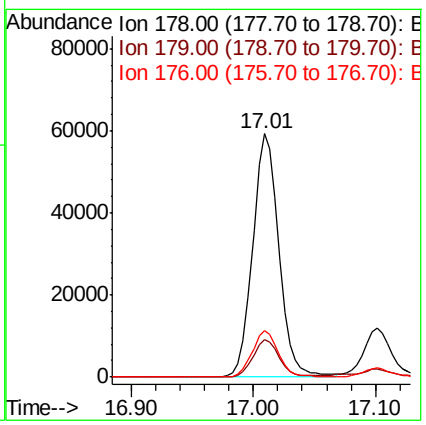
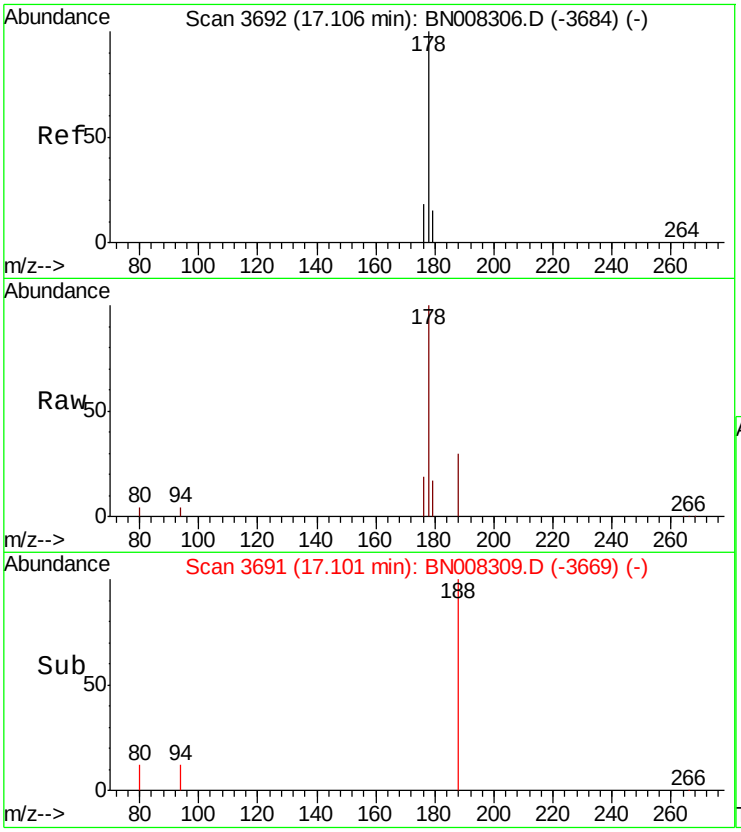


#12
Phenanthrene
Concen: 2.583 ng/ul
RT: 17.01 min Scan# 3669
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:178 Resp: 86590

Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.8	19.2
176	18.9	15.4	23.2

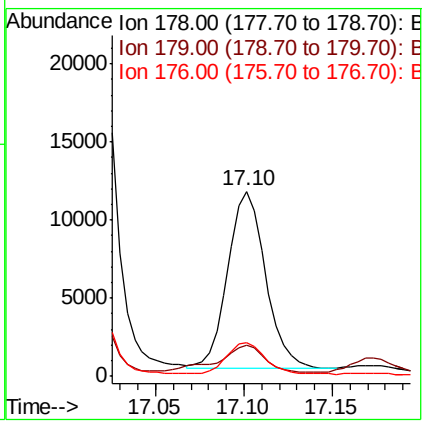




#13
Anthracene
Concen: 0.570 ng/ul
RT: 17.10 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:178 Resp: 16817

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.6	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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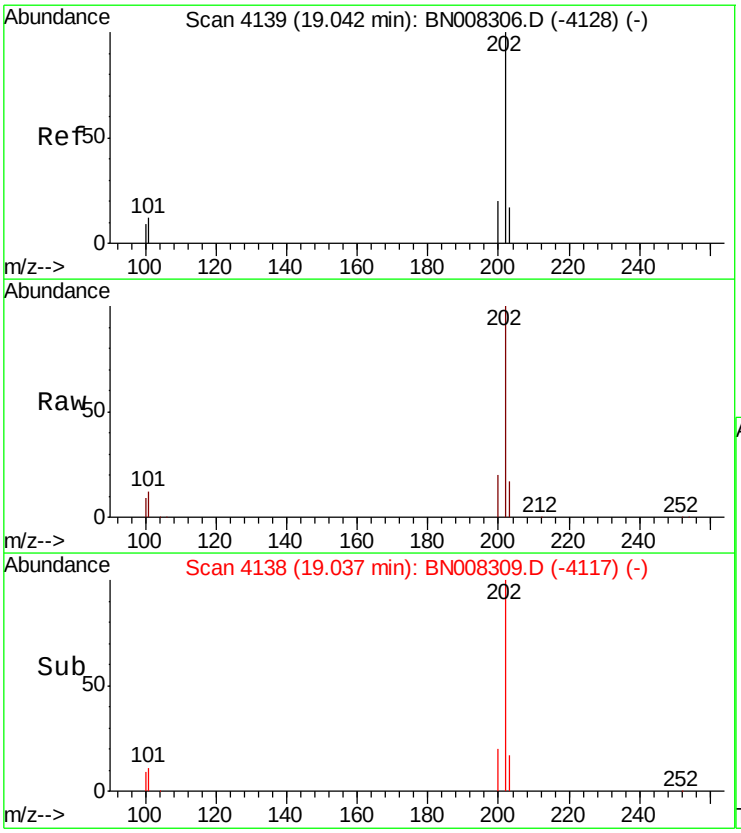
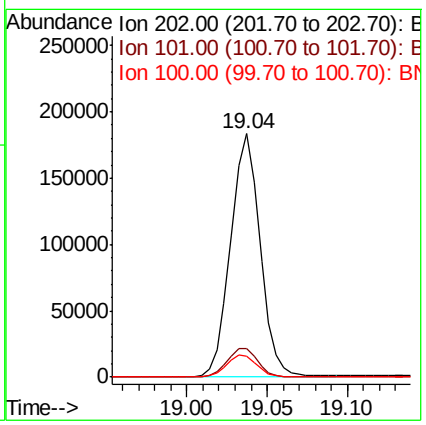
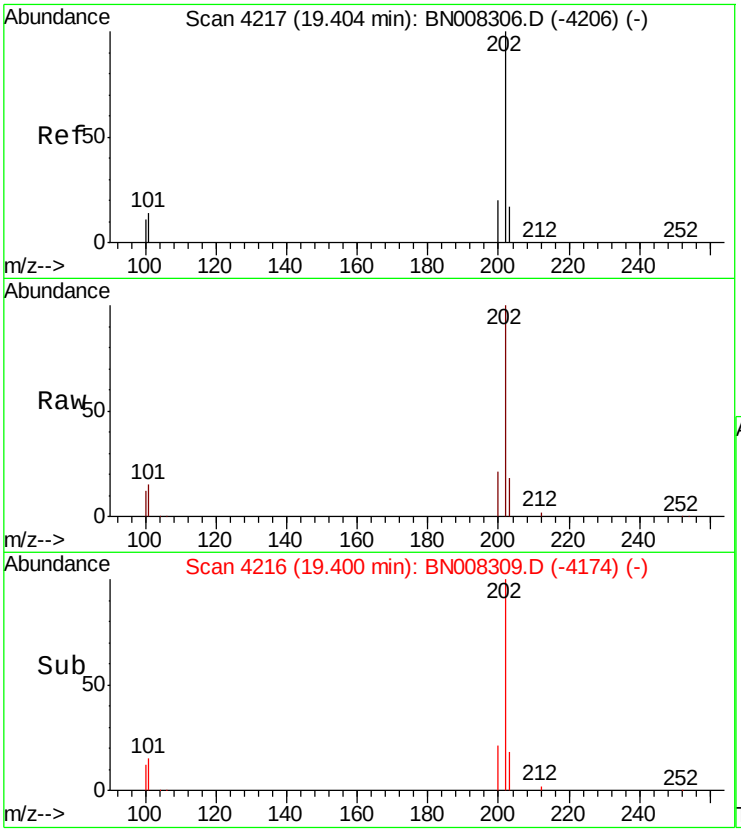


#15
Fluoranthene
Concen: 5.296 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:202 Resp: 234454

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.8	0.0	28.5





#17
Pyrene
Concen: 5.608 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:202 Resp: 240849

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

Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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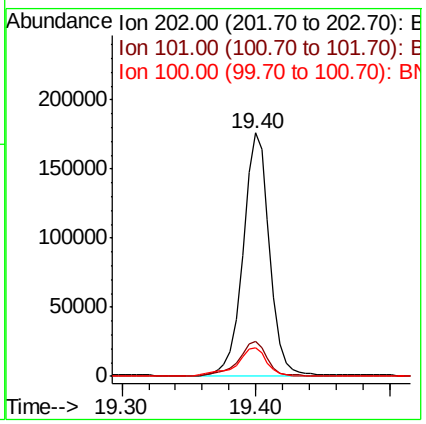
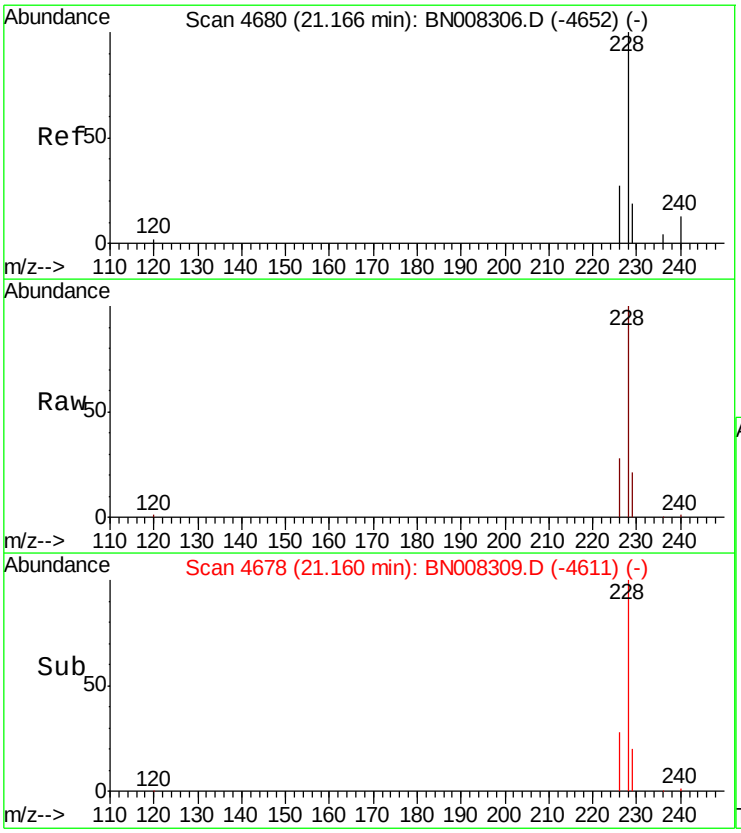
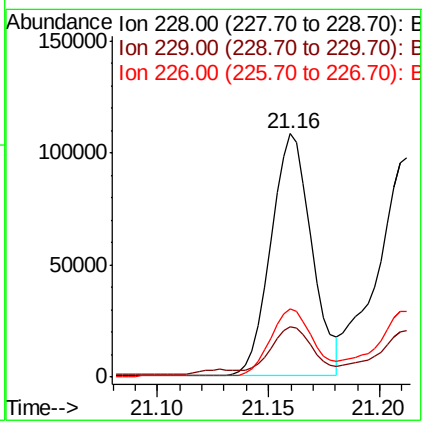


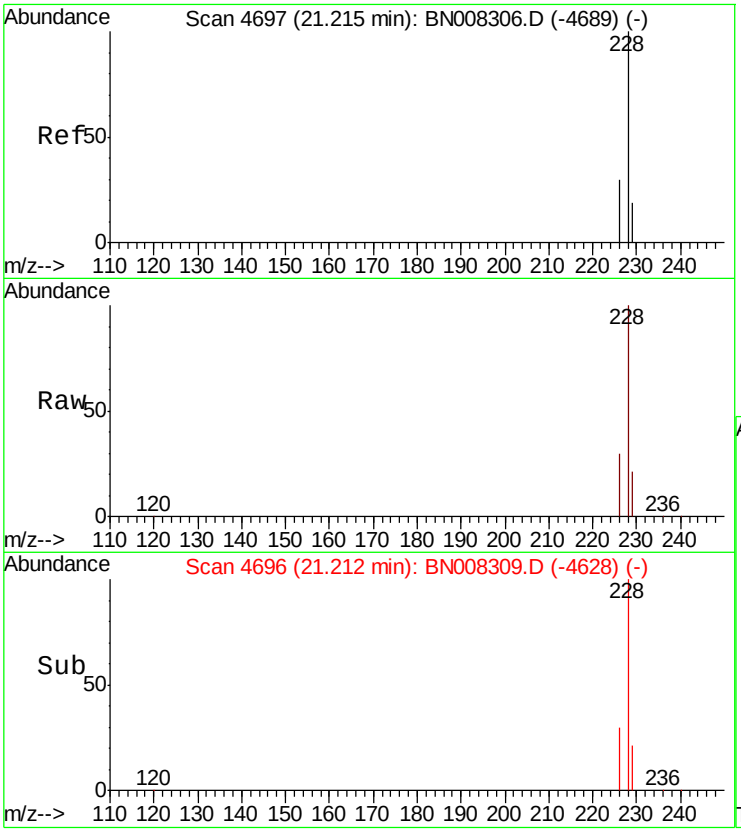


#18
Benzo(a)anthracene
Concen: 3.487 ng/ul
RT: 21.16 min Scan# 4678
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:228 Resp: 136726

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	28.1	21.4	32.0

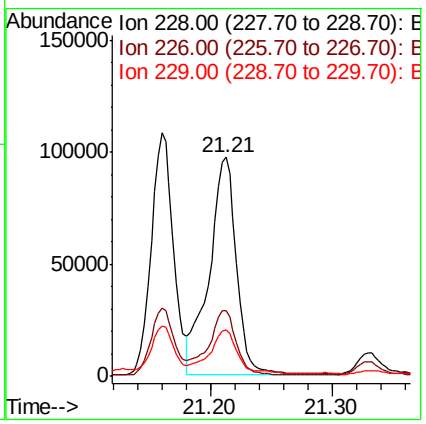




#19
Chrysene
Concen: 3.145 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:228 Resp: 151373

Ion	Ratio	Lower	Upper
228	100		
226	29.9	24.1	36.1
229	21.3	16.2	24.2



Instrument :
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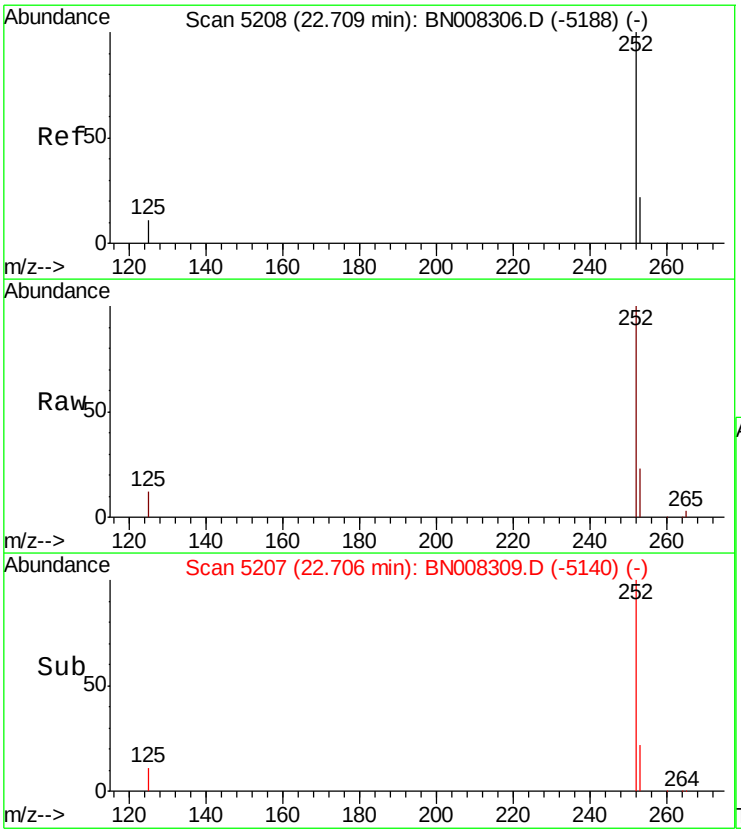
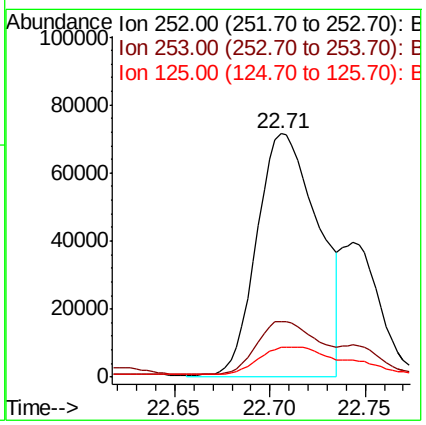
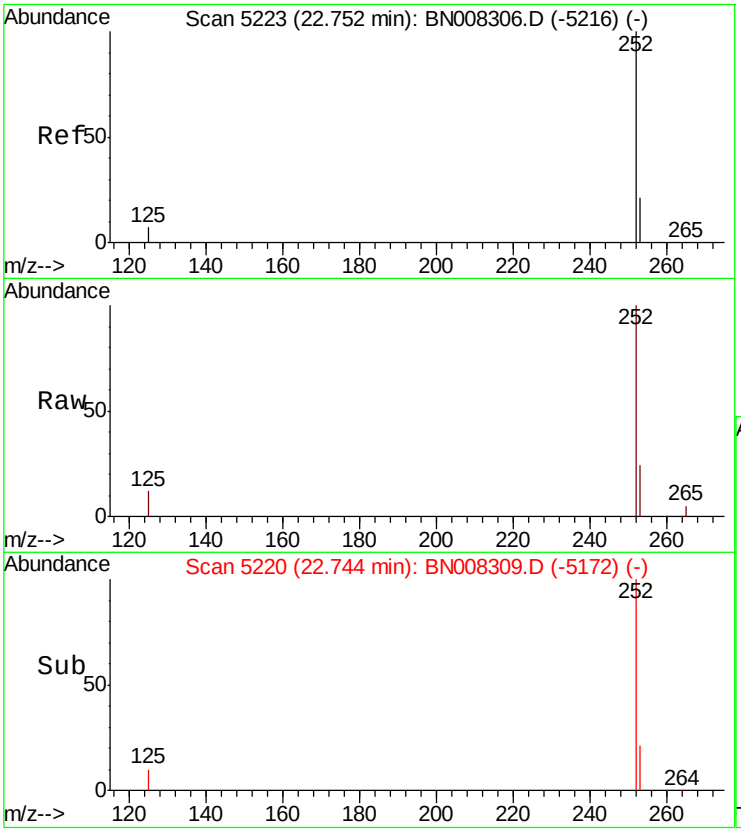


#21
Benzo(b)fluoranthene
Concen: 5.118 ng/ul m
RT: 22.71 min Scan# 5207
Delta R.T. -0.00 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:252 Resp: 161564

Ion	Ratio	Lower	Upper
252	100		
253	23.0	0.0	53.4
125	12.1	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 1.604 ng/ul m
RT: 22.74 min Scan# 5220
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:252 Resp: 57365

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.3	31.9
125	12.4	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
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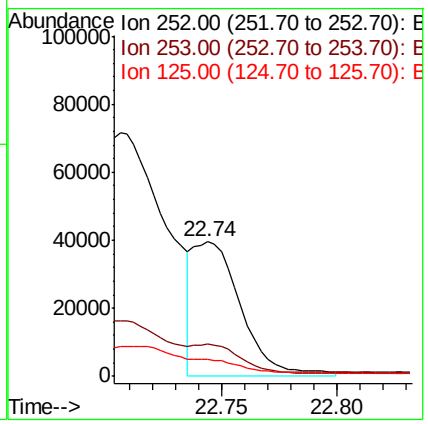
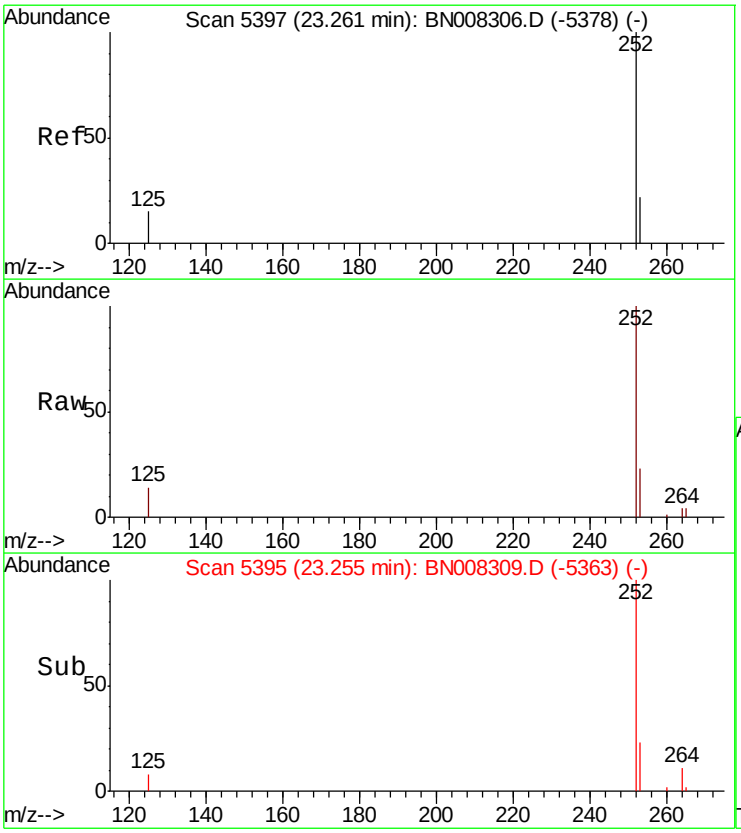
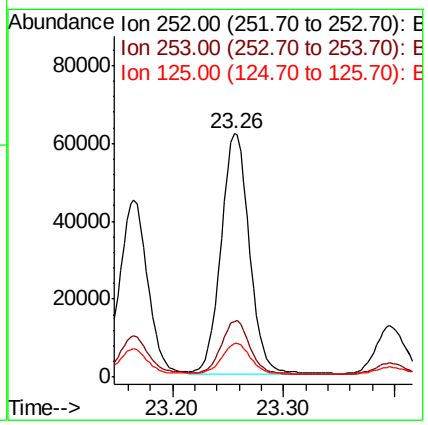


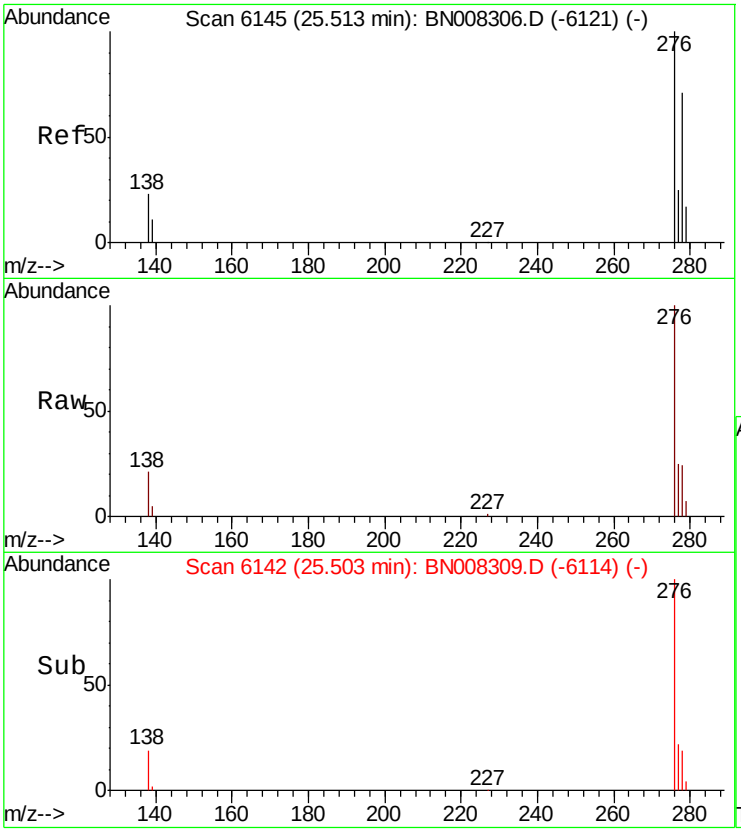


#23
Benzo(a)pyrene
Concen: 3.305 ng/ul
RT: 23.26 min Scan# 5395
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:252 Resp: 109802

Ion	Ratio	Lower	Upper
252	100		
253	22.9	22.8	34.2
125	13.7	18.4	27.6#

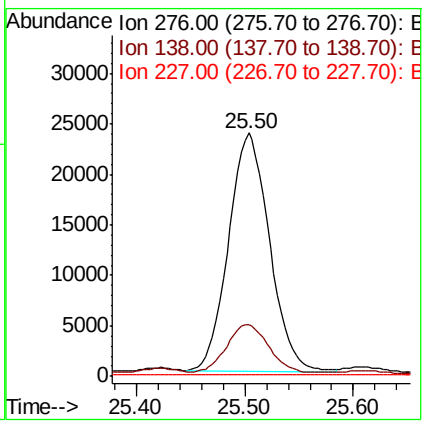




#24
Indeno(1,2,3-cd)pyrene
Concen: 1.583 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:276 Resp: 61914

Ion	Ratio	Lower	Upper
276	100		
138	20.7	16.1	24.1
227	0.2	0.2	0.2



Instrument :
BNA_N
ClientSampleId :
BEPG8DL

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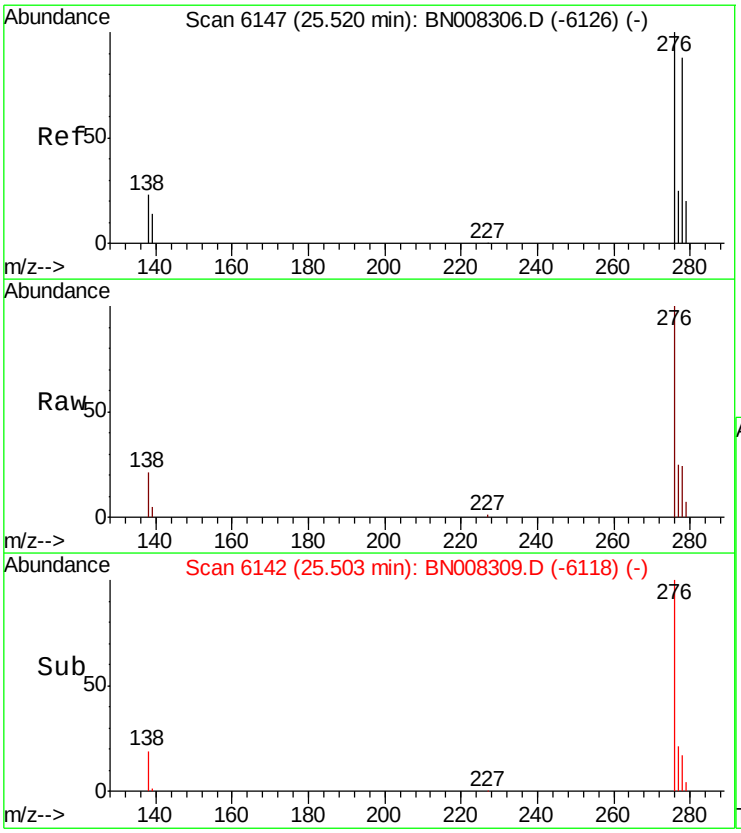
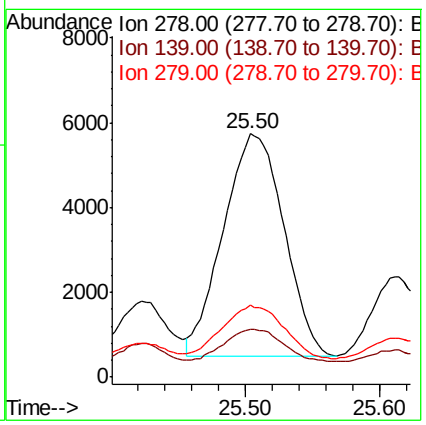
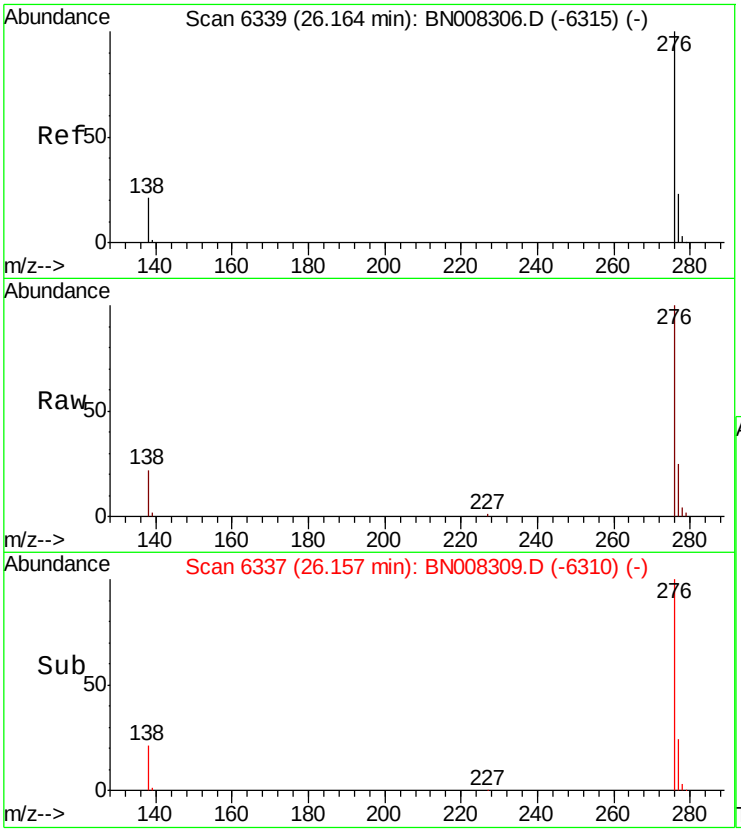


#25
Dibenzo(a,h)anthracene
Concen: 0.529 ng/ul
RT: 25.50 min Scan# 6142
Delta R.T. -0.02 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:278 Resp: 16353

Ion	Ratio	Lower	Upper
278	100		
139	19.6	15.0	22.6
279	29.6	22.4	33.6

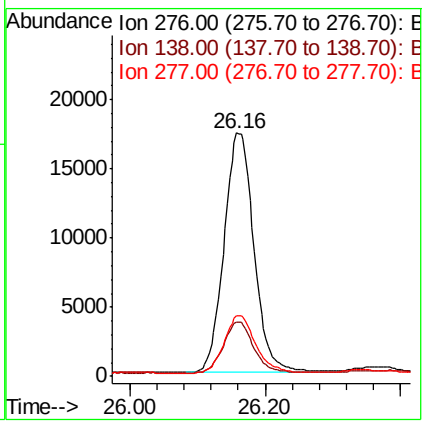




#26
Benzo(g,h,i)perylene
Concen: 1.493 ng/ul
RT: 26.16 min Scan# 6337
Delta R.T. -0.01 min
Lab File: BN008309.D
Acq: 22 Oct 2019 11:15

Tgt Ion:276 Resp: 53557

Ion	Ratio	Lower	Upper
276	100		
138	22.3	17.0	25.4
277	24.8	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPG8DL

Manual Integrations APPROVED
mohammad
10/23/2019 8:06:21 AM