Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008706.D
Acq On : 22 Nov 2019 10:19
Operator : JU
Sample : K5854-06DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 22 13:55:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : C0AC4DL

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	4123	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	14988	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	8814	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	17418	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	14076	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	14972	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	1054	0.04	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	2561	0.05	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	45937	1.017	ng/ul	98
5) 2-Methylnaphthalene	12.03	142	45480	1.441	ng/ul	100
7) Acenaphthylene	13.95	152	10683	0.219	ng/ul#	96
8) Acenaphthene	14.29	153	14310	0.396	ng/ul	99
9) Fluorene	15.28	166	18777	0.442	ng/ul#	95
12) Phenanthrene	17.01	178	272595	4.641	ng/ul	98
13) Anthracene	17.11	178	71940	1.296	ng/ul	99
15) Fluoranthene	19.04	202	382579	5.301	ng/ul	95
17) Pyrene	19.40	202	338710	5.998	ng/ul	97
18) Benzo(a)anthracene	21.16	228	180335	3.186	ng/ul	97
19) Chrysene	21.21	228	174102	3.131	ng/ul	97
21) Benzo(b)fluoranthene	22.70	252	225394m	3.651	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	91738m	1.498	ng/ul	
23) Benzo(a)pyrene	23.24	252	154284	2.662	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.47	276	107150	1.581	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.48	278	26337	0.481	ng/ul#	84
26) Benzo(g,h,i)perylene	26.12	276	106477	1.878	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN112119\
Data File : BN008706.D
Acq On : 22 Nov 2019 10:19
Operator : JU
Sample : K5854-06DL 5X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 22 13:55:51 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN111519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 22 07:12:34 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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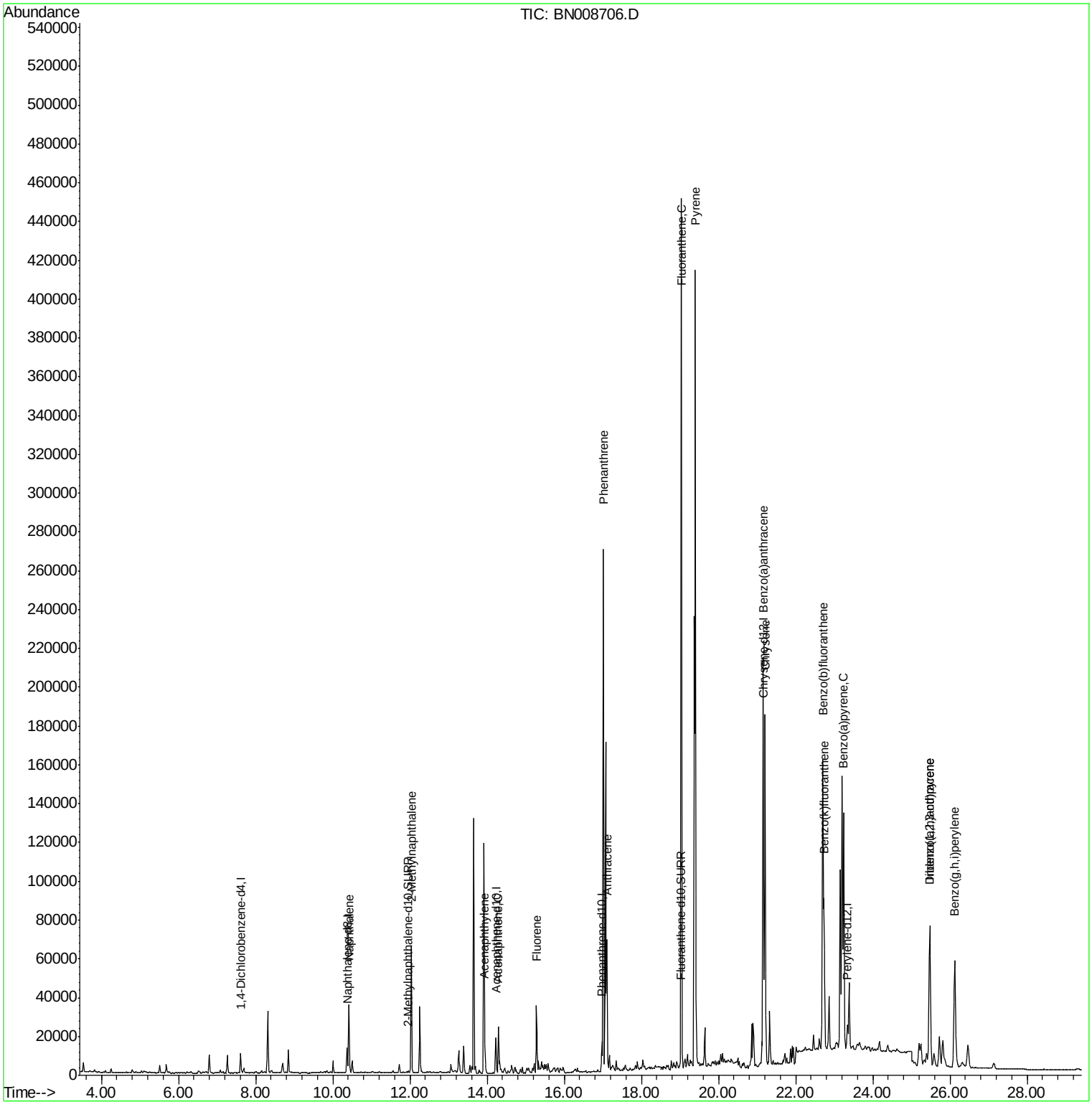
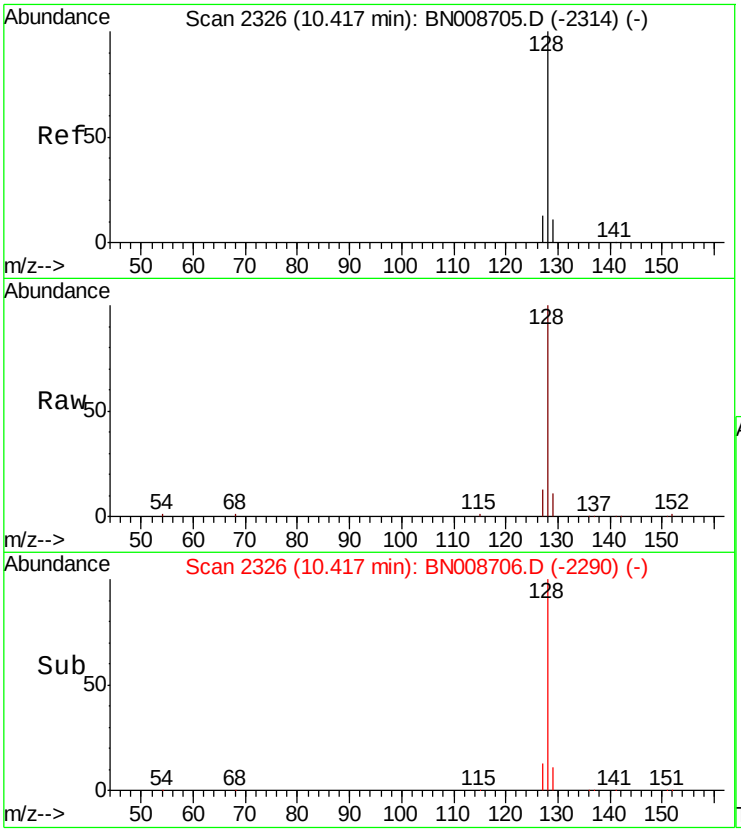
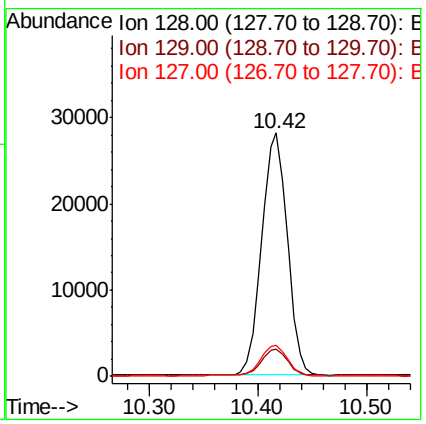




#3
Naphthalene
Concen: 1.017 ng/ul
RT: 10.42 min Scan# 2326
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:128 Resp: 45937

Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.7	14.5
127	13.0	10.8	16.2



Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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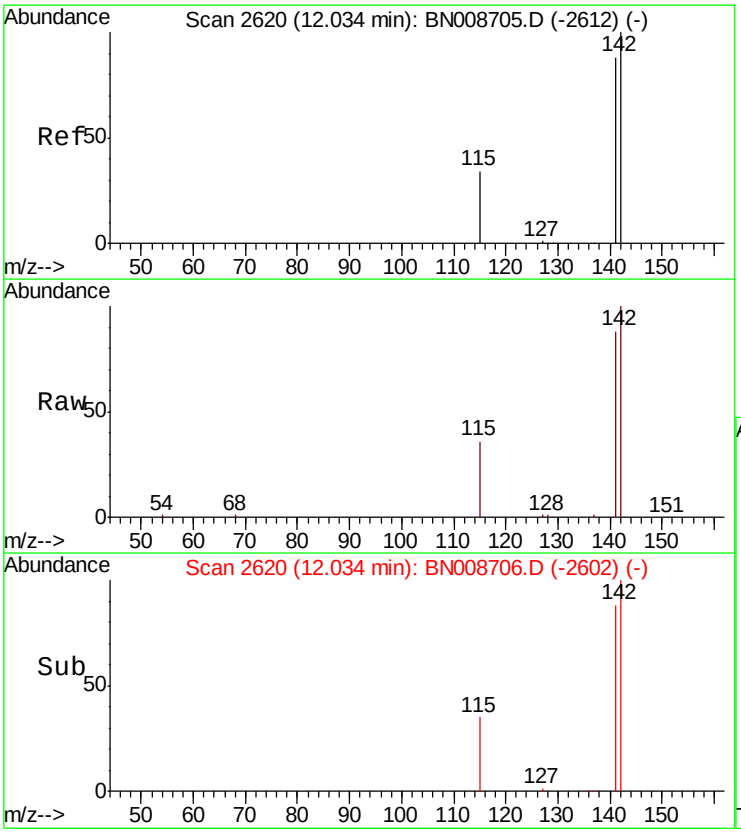
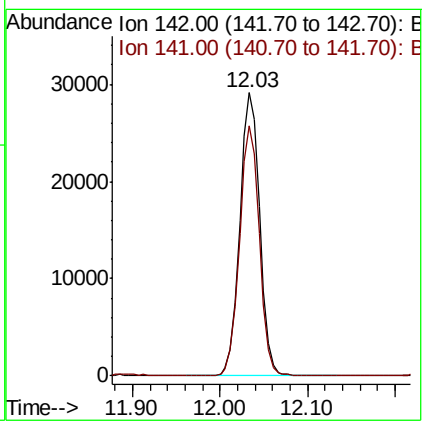
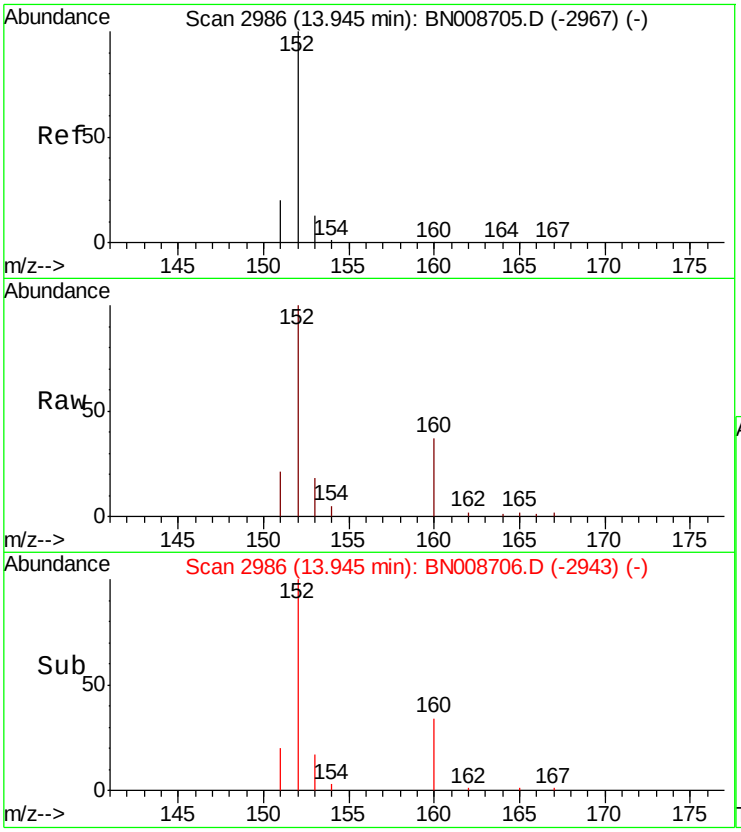


#5
2-Methylnaphthalene
Concen: 1.441 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:142 Resp: 45480

Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.5	105.7

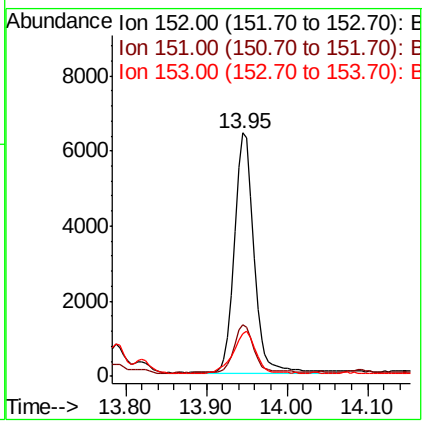




#7
Acenaphthylene
Concen: 0.219 ng/ul
RT: 13.95 min Scan# 2986
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:152 Resp: 10683

Ion	Ratio	Lower	Upper
152	100		
151	21.2	16.6	24.8
153	17.6	11.1	16.7#



Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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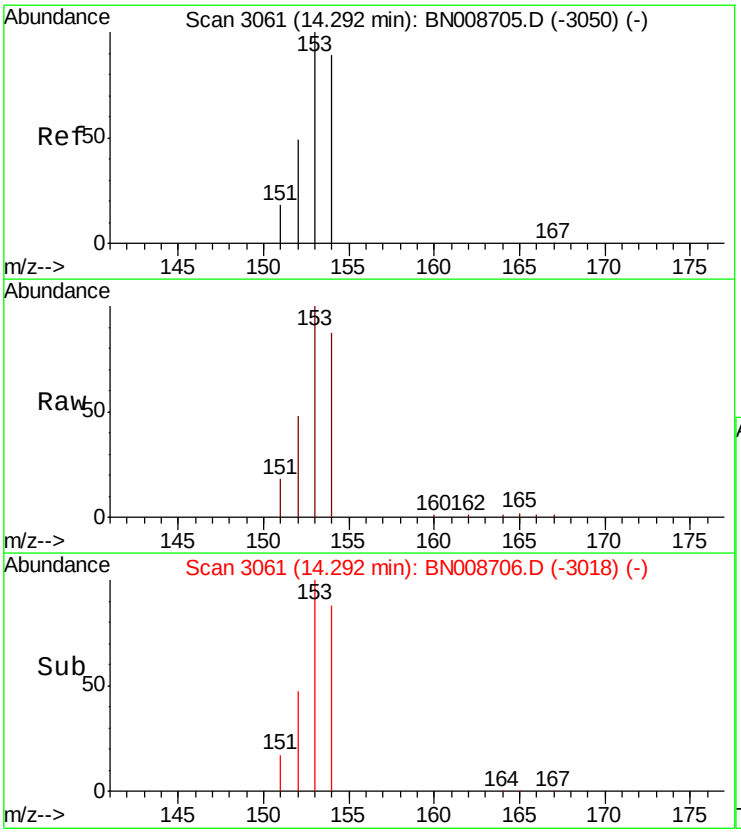
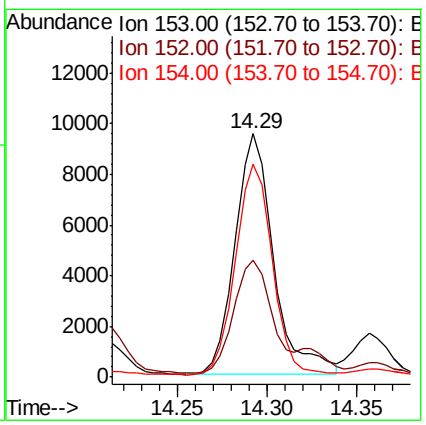
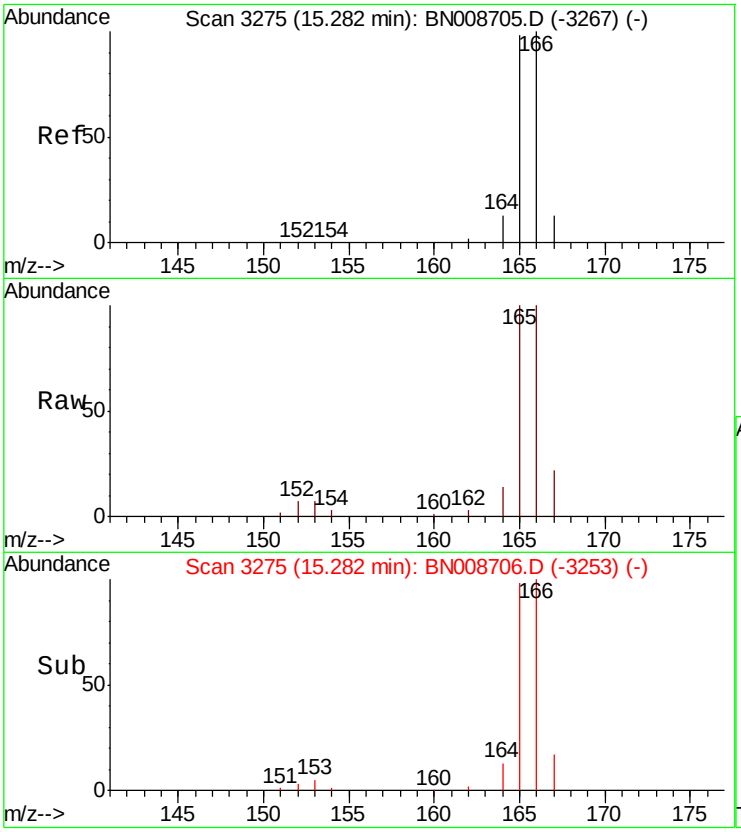


#8
Acenaphthene
Concen: 0.396 ng/ul
RT: 14.29 min Scan# 3061
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:153 Resp: 14310

Ion	Ratio	Lower	Upper
153	100		
152	48.1	39.6	59.4
154	87.5	70.6	106.0





#9
Fluorene
Concen: 0.442 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:166 Resp: 18777

Ion	Ratio	Lower	Upper
166	100		
165	100.0	77.4	116.0
167	22.2	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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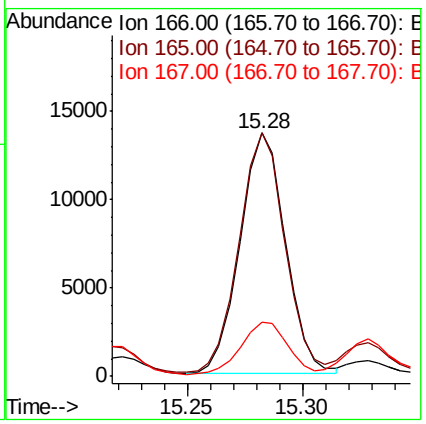
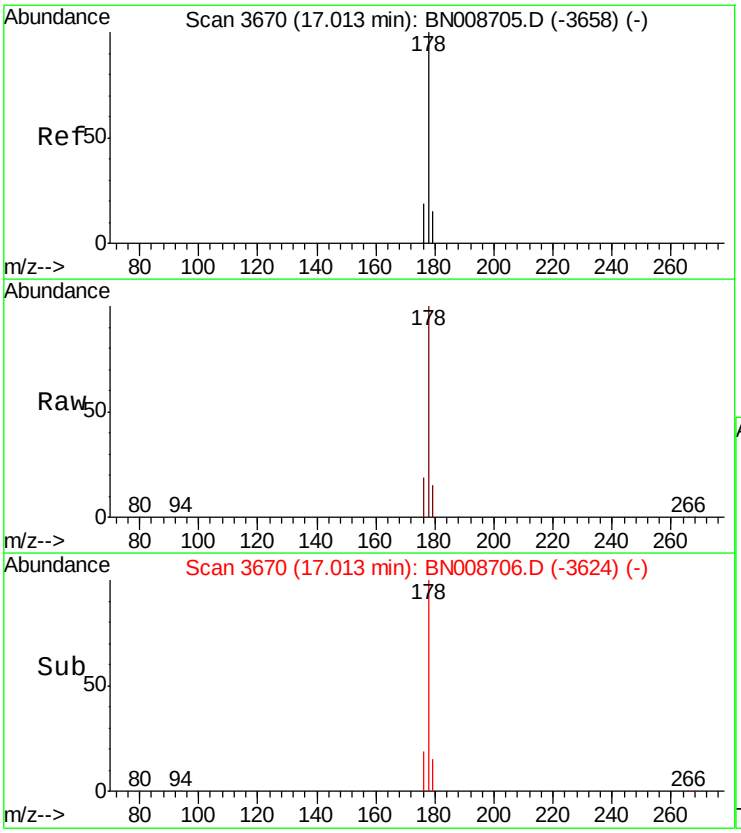
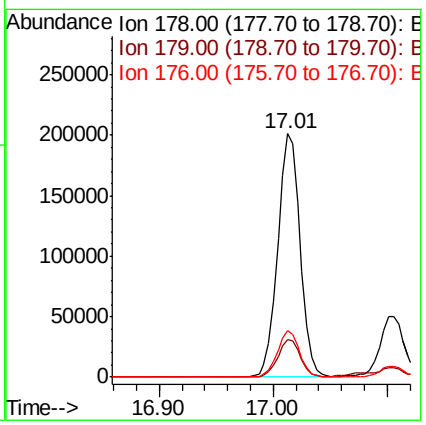


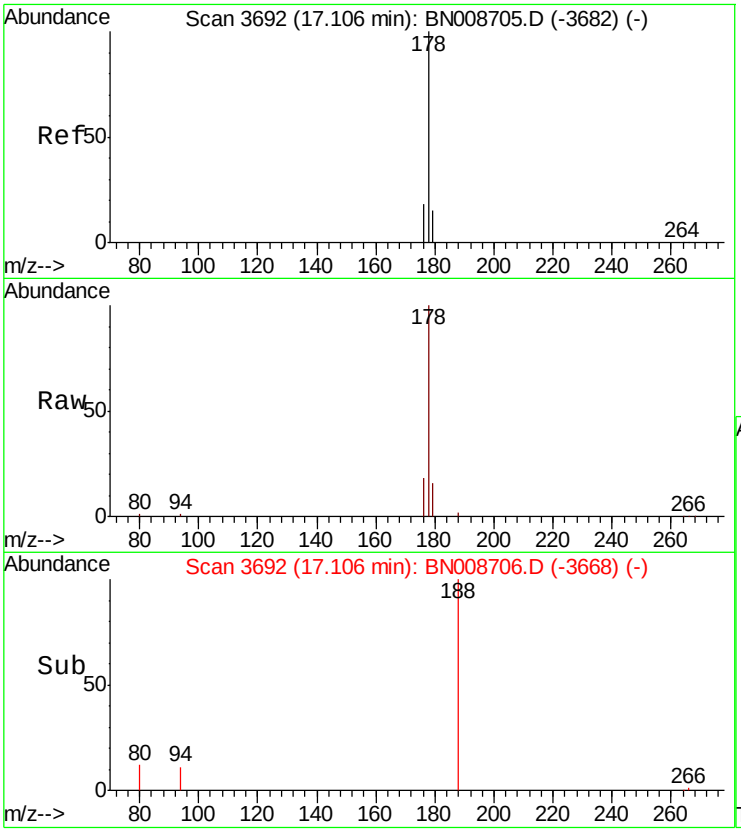


#12
Phenanthrene
Concen: 4.641 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:178 Resp: 272595

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.8	19.2
176	18.9	16.0	24.0





#13
Anthracene
Concen: 1.296 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:178 Resp: 71940

Ion	Ratio	Lower	Upper
178	100		
179	16.1	13.0	19.4
176	18.2	15.3	22.9

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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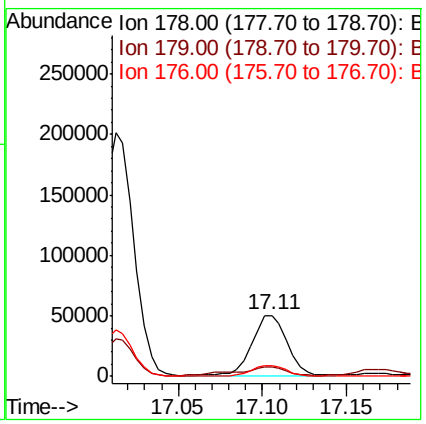
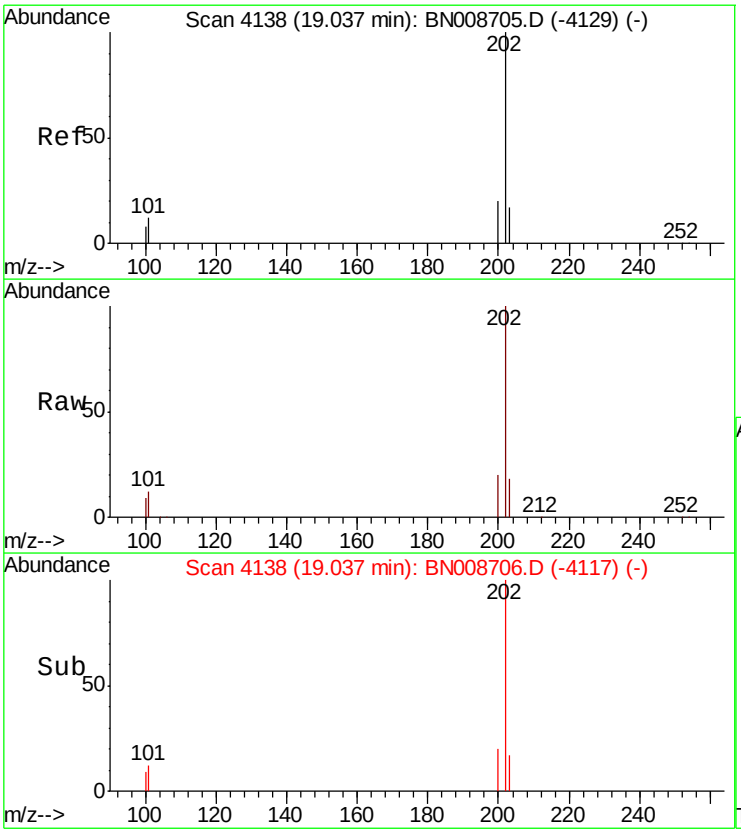
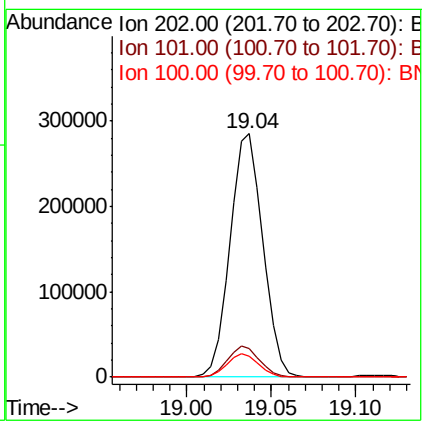


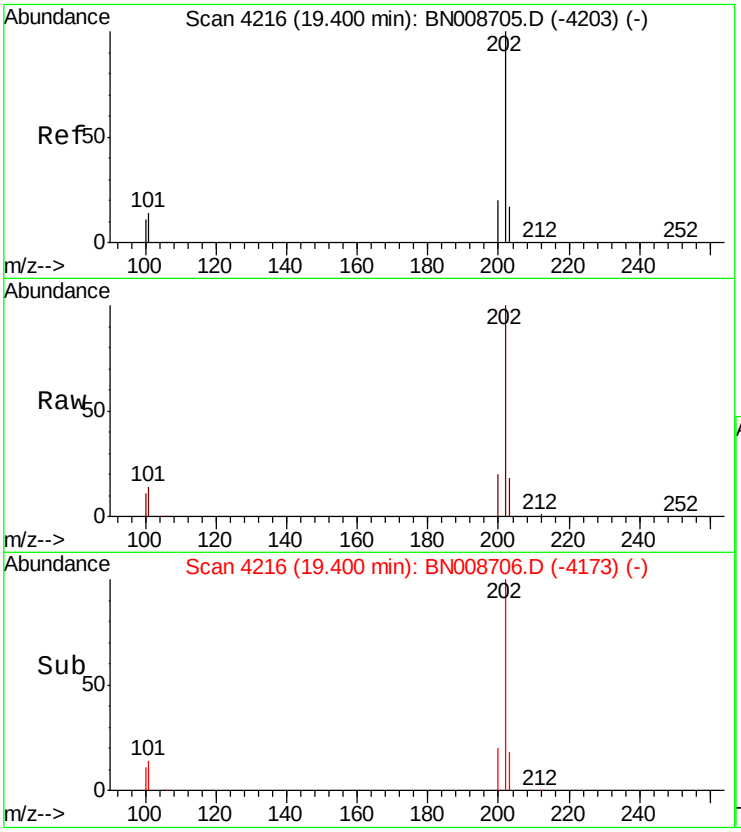


#15
Fluoranthene
Concen: 5.301 ng/ul
RT: 19.04 min Scan# 4138
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:202 Resp: 382579

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	29.6
100	8.7	0.0	27.0





#17
Pyrene
Concen: 5.998 ng/ul
RT: 19.40 min Scan# 4216
Delta R.T. -0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:202 Resp: 338710

Ion	Ratio	Lower	Upper
202	100		
101	13.9	10.2	15.2
100	11.1	8.2	12.2

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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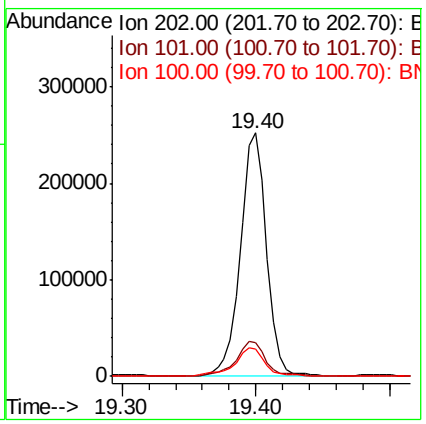
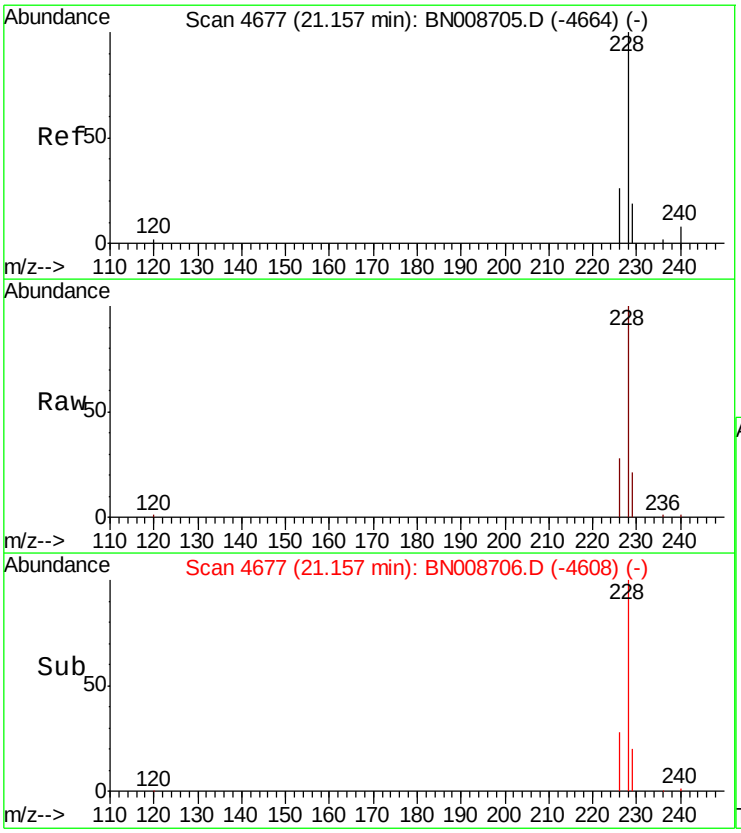
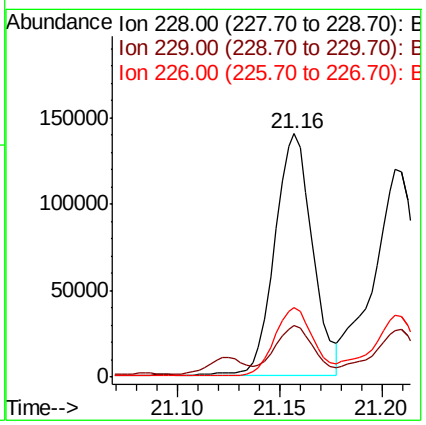


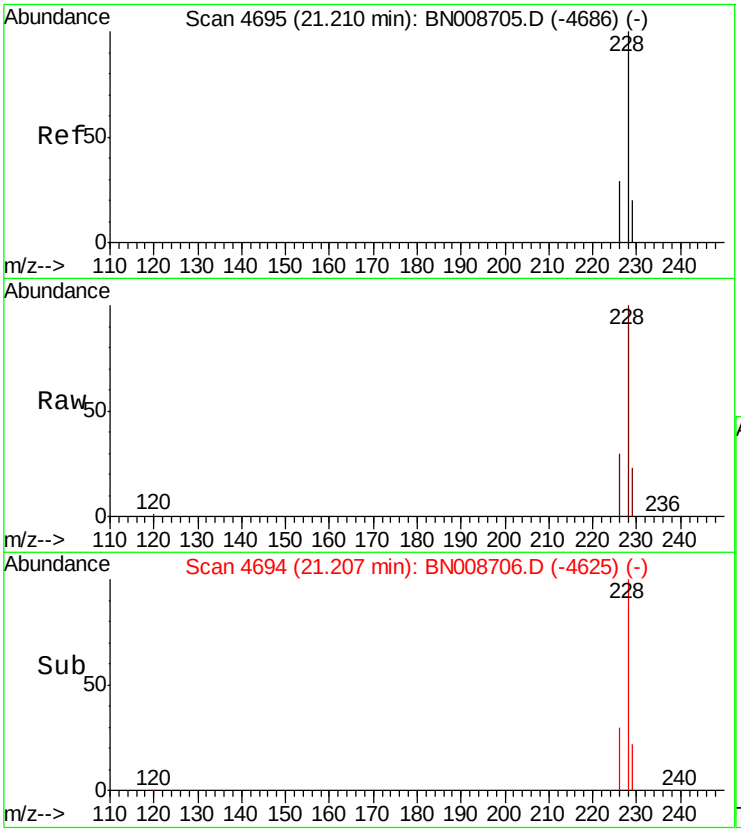


#18
Benzo(a)anthracene
Concen: 3.186 ng/ul
RT: 21.16 min Scan# 4677
Delta R.T. 0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:228 Resp: 180335

Ion	Ratio	Lower	Upper
228	100		
229	21.2	15.8	23.6
226	28.4	21.6	32.4

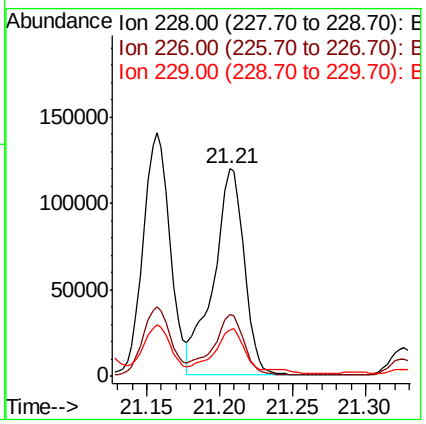




#19
Chrysene
Concen: 3.131 ng/ul
RT: 21.21 min Scan# 4694
Delta R.T. 0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:228 Resp: 174102

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.5	36.7
229	22.7	15.5	23.3



Instrument :
BNA_N
ClientSampleId :
C0AC4DL

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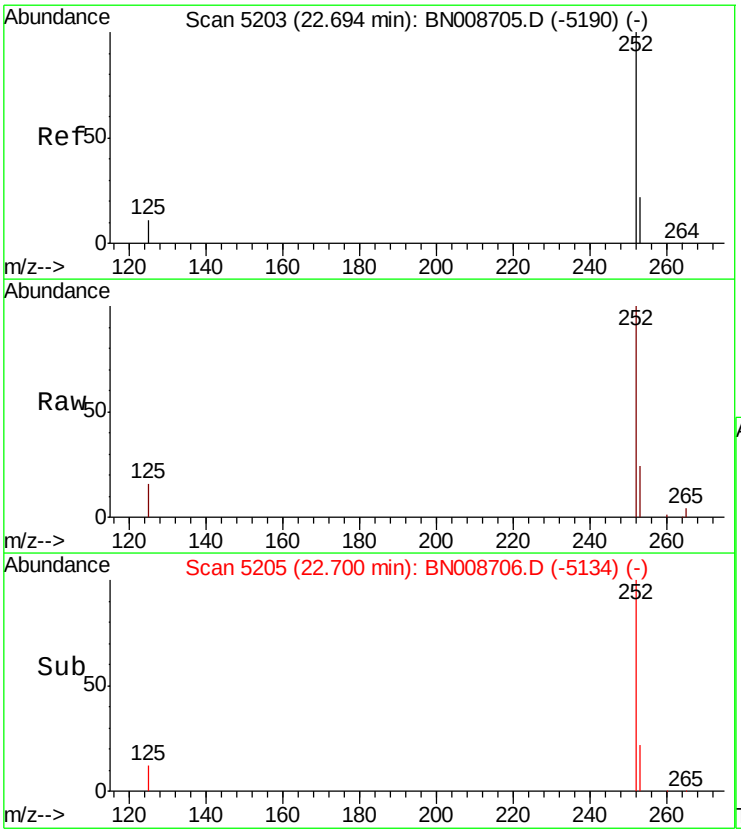
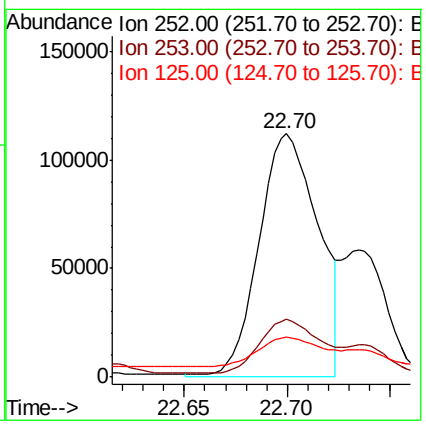
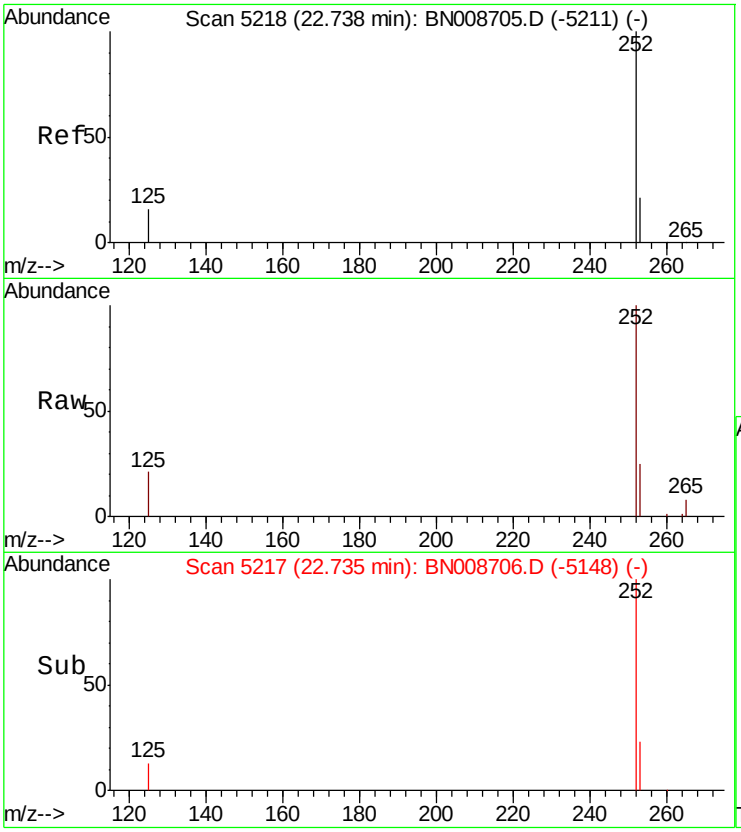


#21
Benzo(b)fluoranthene
Concen: 3.651 ng/ul m
RT: 22.70 min Scan# 5205
Delta R.T. 0.01 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:252 Resp: 225394

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	50.2
125	16.3	0.0	30.0

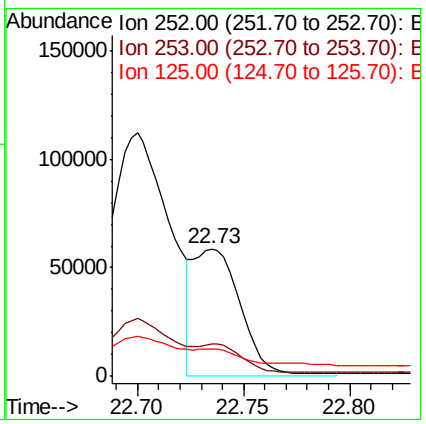




#22
Benzo(k)fluoranthene
Concen: 1.498 ng/ul m
RT: 22.73 min Scan# 5217
Delta R.T. 0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:252 Resp: 91738

Ion	Ratio	Lower	Upper
252	100		
253	25.2	20.5	30.7
125	21.2	15.0	22.4



Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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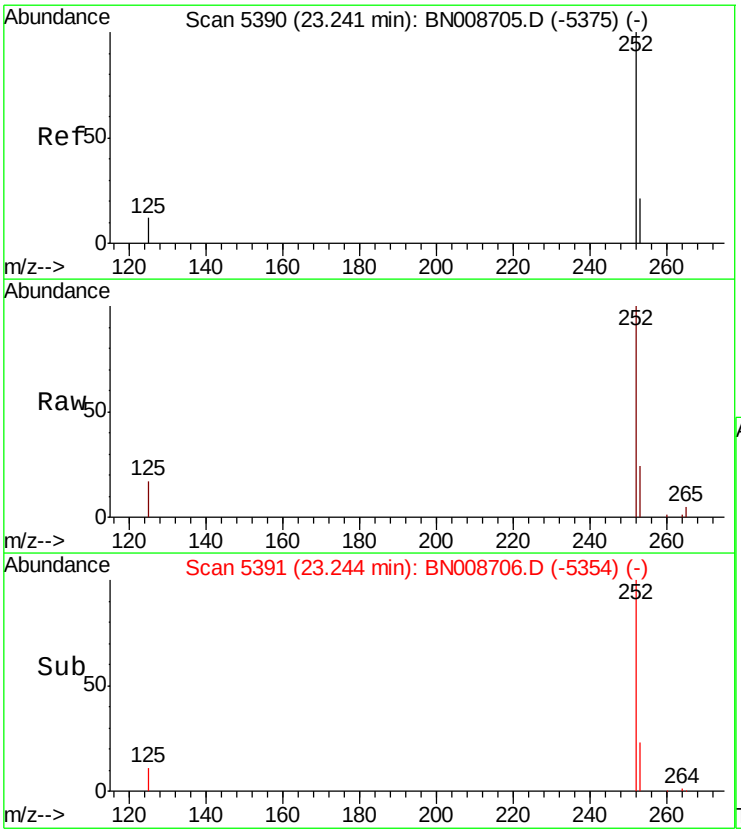
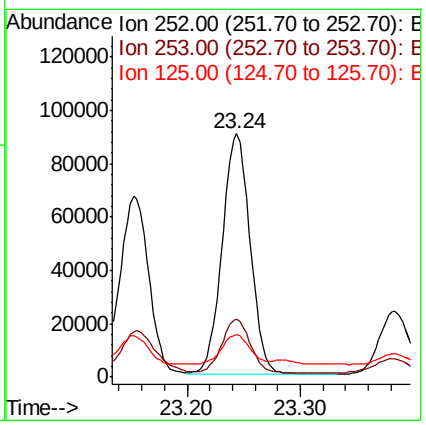
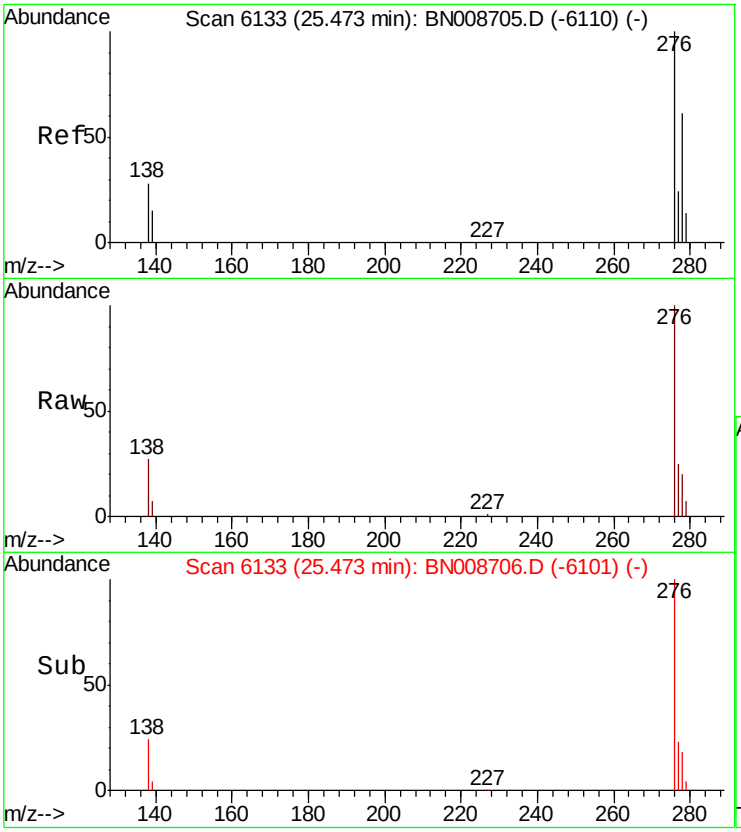


#23
Benzo(a)pyrene
Concen: 2.662 ng/ul
RT: 23.24 min Scan# 5391
Delta R.T. 0.01 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:252 Resp: 154284

Ion	Ratio	Lower	Upper
252	100		
253	23.7	21.4	32.2
125	17.4	13.8	20.8





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.581 ng/ul
RT: 25.47 min Scan# 6133
Delta R.T. 0.01 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
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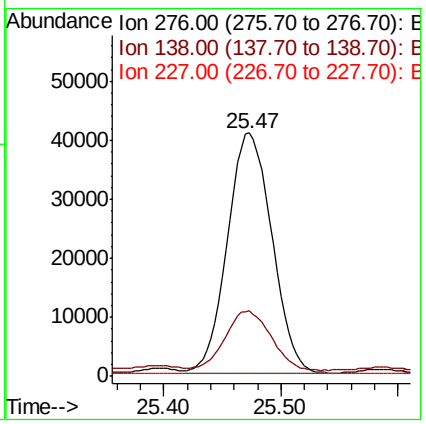
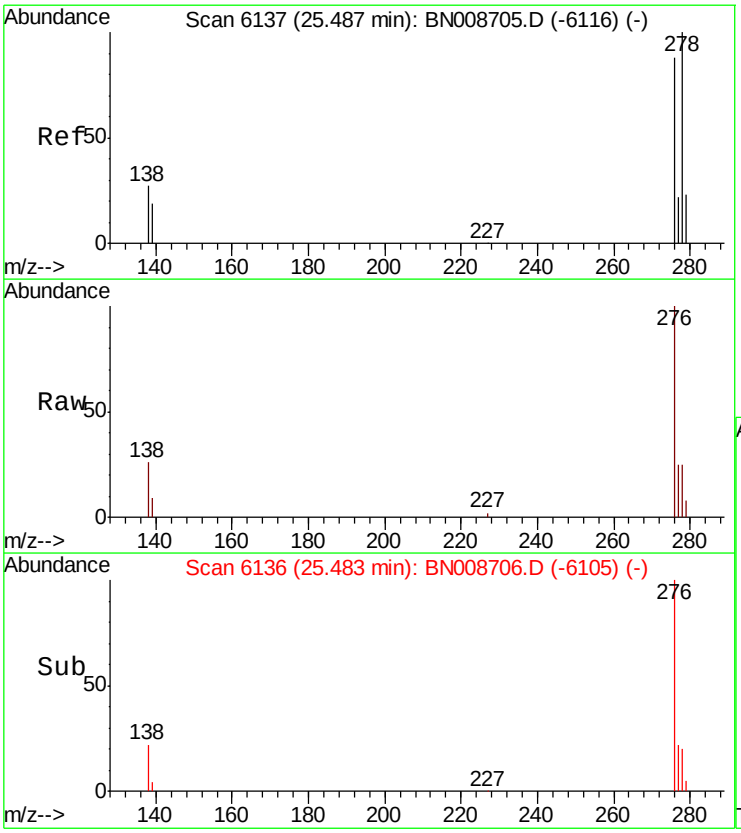
Tgt Ion:276 Resp: 107150

Ion	Ratio	Lower	Upper
276	100		
138	25.3	21.7	32.5
227	0.1	0.2	0.2#

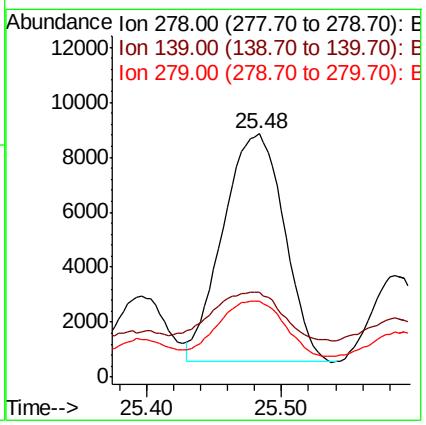


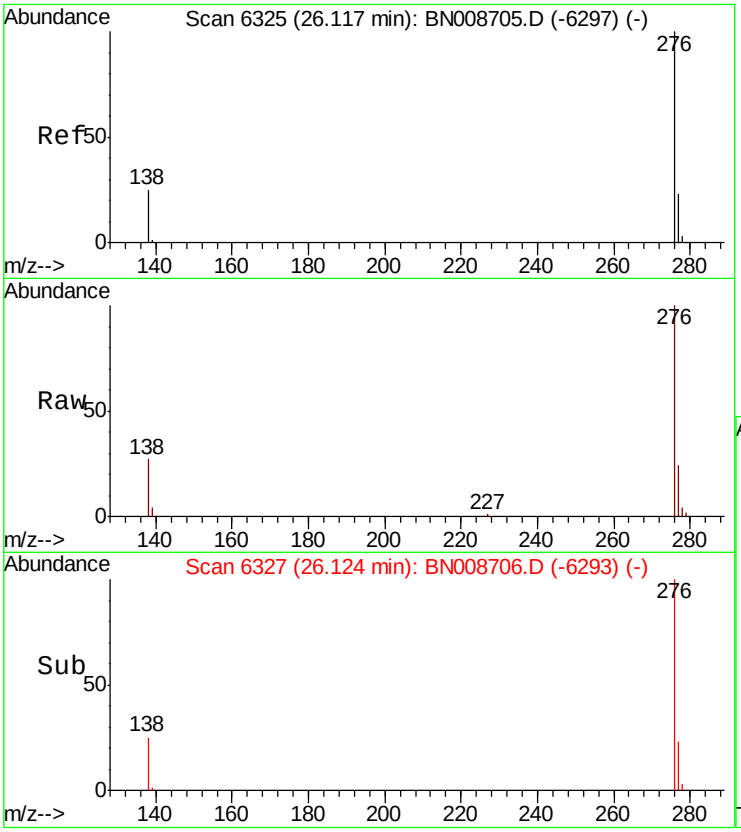


#25
Dibenzo(a,h)anthracene
Concen: 0.481 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. 0.00 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:278 Resp: 26337

Ion	Ratio	Lower	Upper
278	100		
139	34.7	18.7	28.1#
279	31.1	20.8	31.2

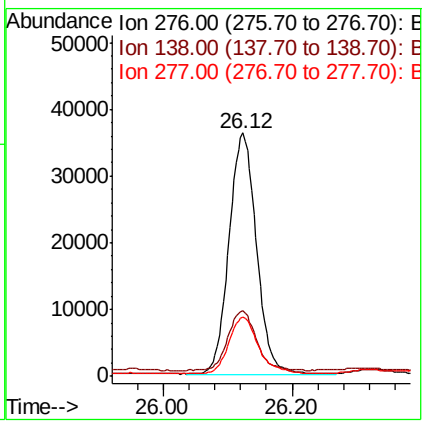




#26
Benzo(g,h,i)perylene
Concen: 1.878 ng/ul
RT: 26.12 min Scan# 6327
Delta R.T. 0.01 min
Lab File: BN008706.D
Acq: 22 Nov 2019 10:19

Tgt Ion:276 Resp: 106477

Ion	Ratio	Lower	Upper
276	100		
138	26.9	20.0	30.0
277	24.4	20.0	30.0



Instrument :
BNA_N
ClientSampleId :
C0AC4DL

Manual Integrations APPROVED
mohammad
11/22/2019 3:23:59 PM