Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102419\
Data File : BN008406.D
Acq On : 25 Oct 2019 02:10
Operator : JU
Sample : K5236-04DL 5X
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

Manual Integrations APPROVED
mohammad
10/25/2019 8:06:29 AM

Quant Time: Oct 25 03:07:59 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 : Wed Oct 23 14:07:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1998	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.33	136	9854	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.21	164	6479	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.96	188	13750	0.40	ng/ul	-0.02
16) Chrysene-d12	21.16	240	11679	0.40	ng/ul	-0.02
20) Perylene-d12	23.33	264	9822	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	667	0.04	ng/ul	-0.02
14) Fluoranthene-d10	19.00	212	1940	0.04	ng/ul	-0.02
Target Compounds						Qvalue
3) Naphthalene	10.38	128	4643	0.166	ng/ul	97
5) 2-Methylnaphthalene	12.01	142	2804	0.146	ng/ul	100
7) Acenaphthylene	13.93	152	6213	0.201	ng/ul	97
8) Acenaphthene	14.27	153	3264	0.136	ng/ul	97
9) Fluorene	15.26	166	3346	0.123	ng/ul#	95
12) Phenanthrene	17.00	178	58775	1.460	ng/ul	100
13) Anthracene	17.09	178	11570	0.327	ng/ul	95
15) Fluoranthene	19.03	202	97504	1.834	ng/ul	100
17) Pyrene	19.39	202	81339	1.749	ng/ul	100
18) Benzo(a)anthracene	21.15	228	40856	0.962	ng/ul	93
19) Chrysene	21.20	228	41798m	0.802	ng/ul	
21) Benzo(b)fluoranthene	22.69	252	54903m	1.717	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	14830m	0.409	ng/ul	
23) Benzo(a)pyrene	23.24	252	34340	1.021	ng/ul#	88
24) Indeno(1,2,3-cd)pyrene	25.48	276	28152	0.710	ng/ul	98
25) Dibenzo(a,h)anthracene	25.48	278	6083	0.194	ng/ul#	49
26) Benzo(g,h,i)perylene	26.14	276	28696	0.790	ng/ul#	94

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

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ALS Vial : 29 Sample Multiplier: 1

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Instrument :
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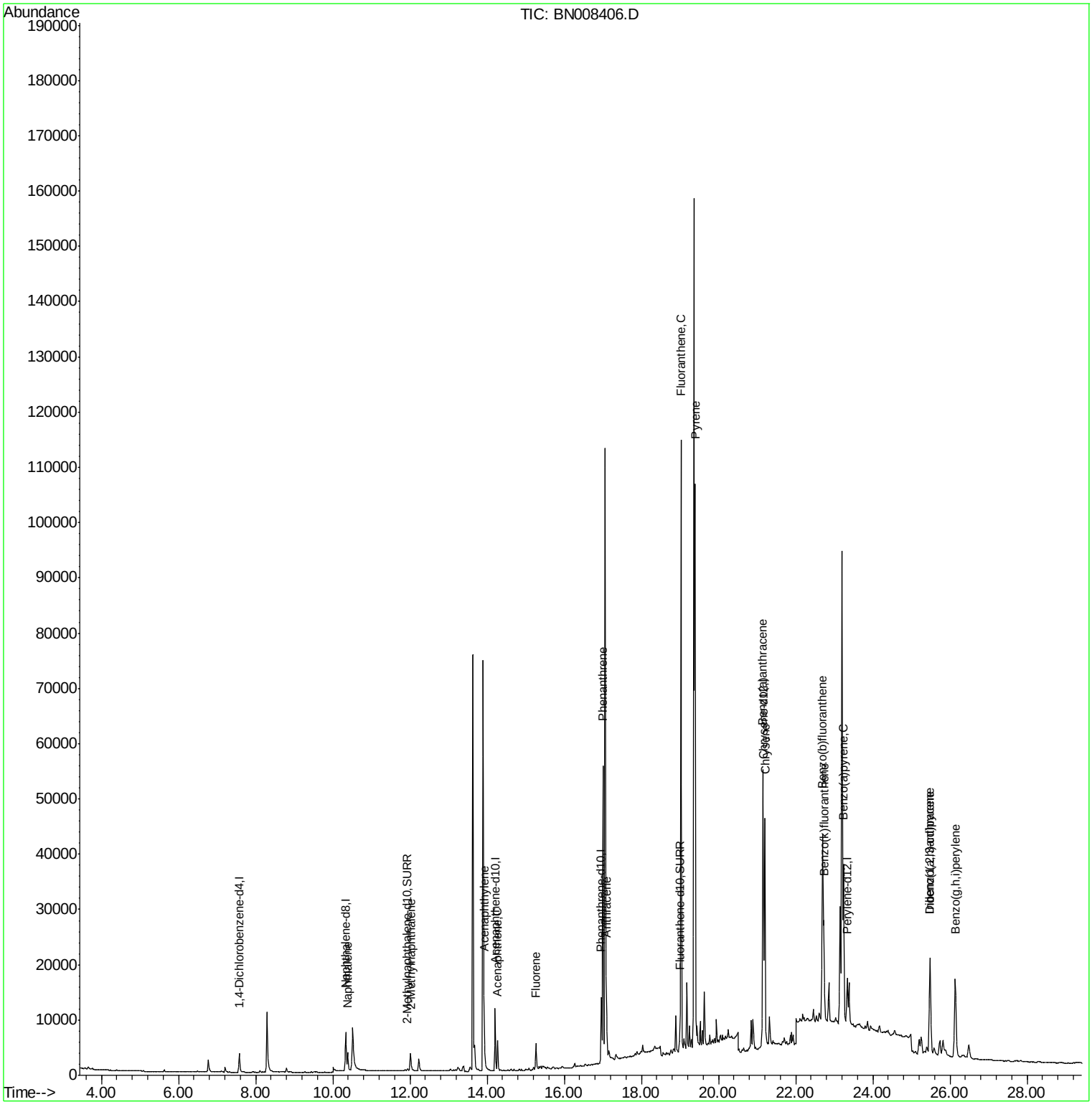
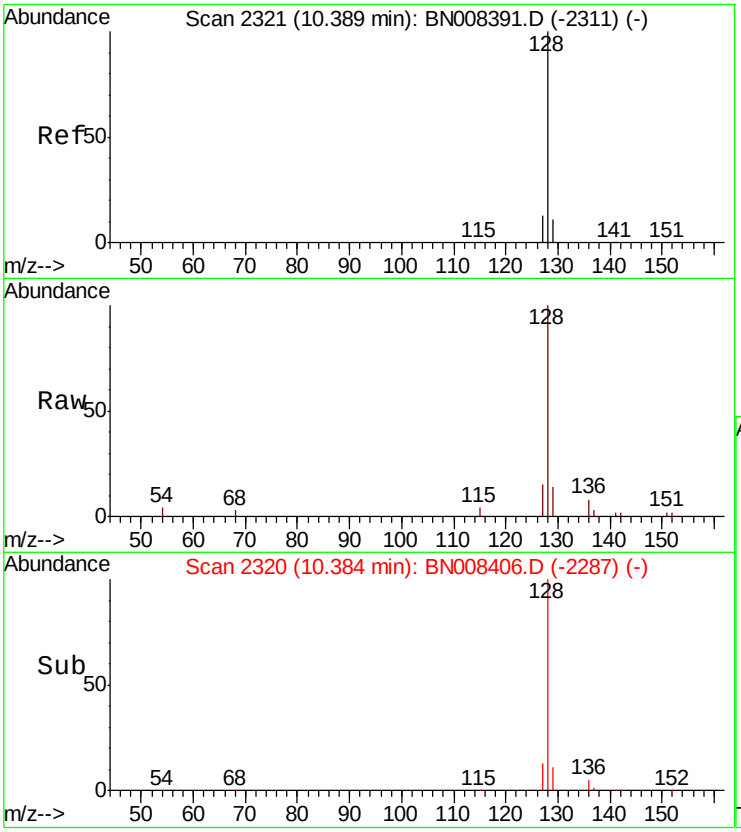
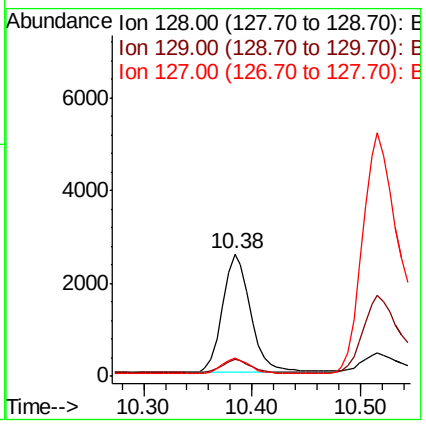




#3
Naphthalene
Concen: 0.166 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:128 Resp: 4643

Ion	Ratio	Lower	Upper
128	100		
129	13.7	9.8	14.8
127	14.8	11.1	16.7



Instrument :
BNA_N
ClientSampleId :
BEPL3DL

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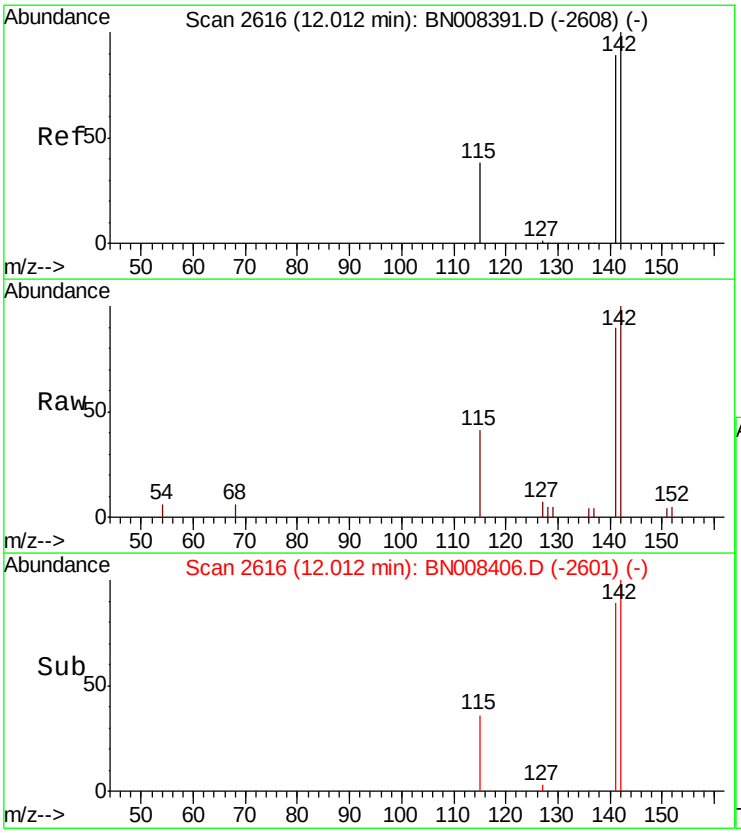
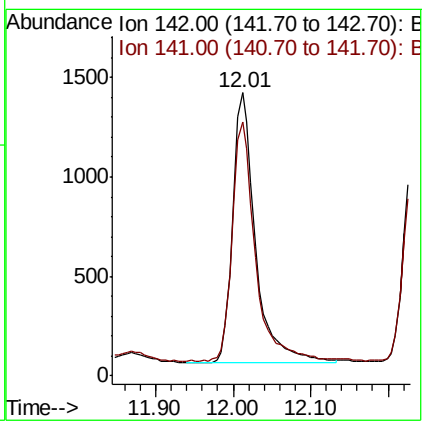
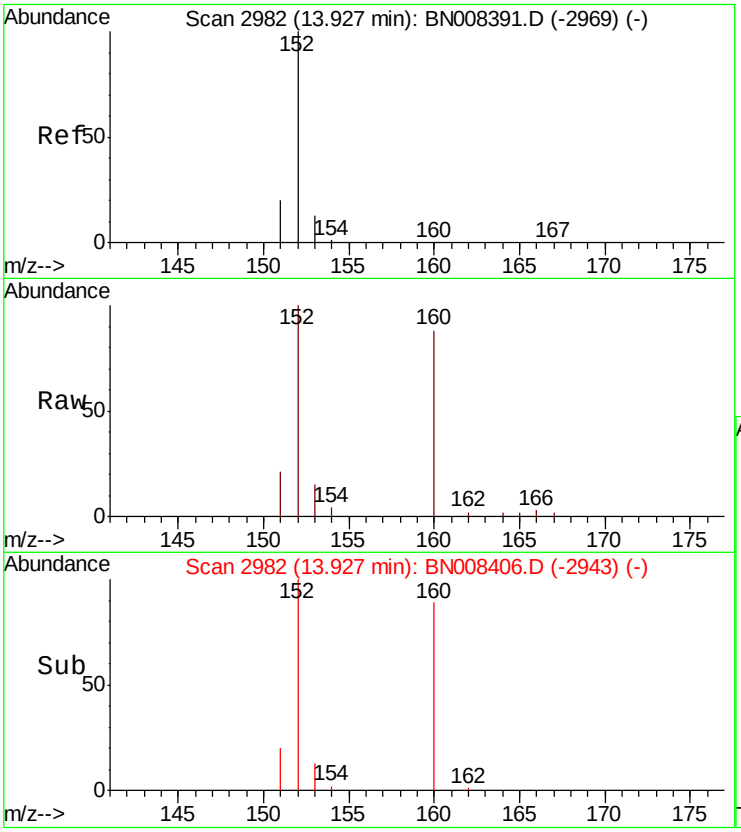


#5
2-Methylnaphthalene
Concen: 0.146 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:142 Resp: 2804

Ion	Ratio	Lower	Upper
142	100		
141	89.6	71.4	107.2

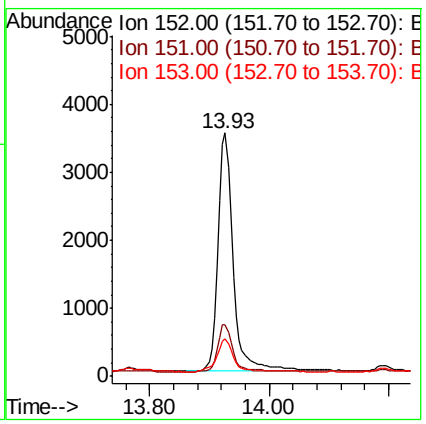




#7
Acenaphthylene
Concen: 0.201 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:152 Resp: 6213

Ion	Ratio	Lower	Upper
152	100		
151	21.4	16.2	24.4
153	15.4	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEPL3DL

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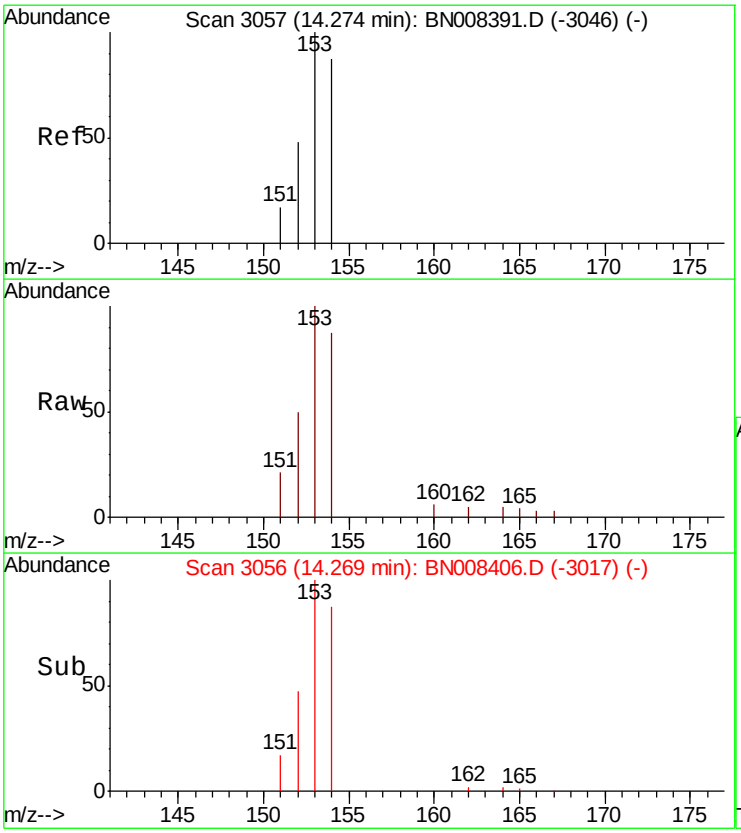
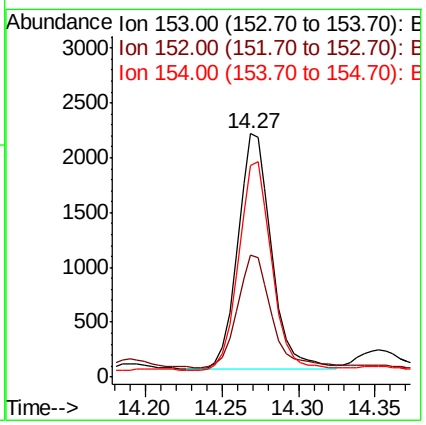
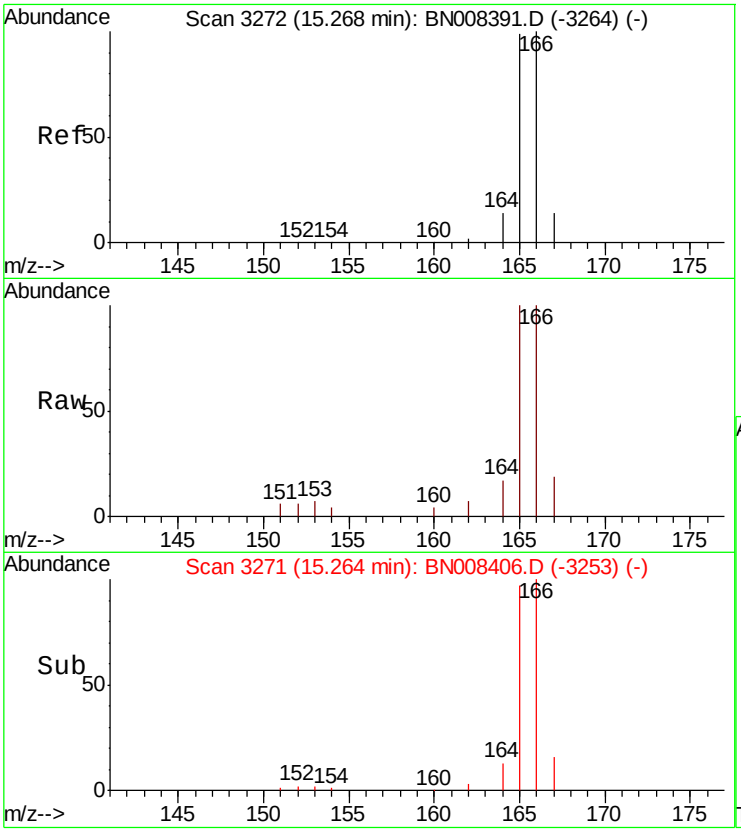


#8
Acenaphthene
Concen: 0.136 ng/ul
RT: 14.27 min Scan# 3056
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:153 Resp: 3264

Ion	Ratio	Lower	Upper
153	100		
152	50.0	38.2	57.2
154	86.7	71.8	107.8





#9
Fluorene
Concen: 0.123 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:166 Resp: 3346

Ion	Ratio	Lower	Upper
166	100		
165	99.7	76.6	115.0
167	18.6	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

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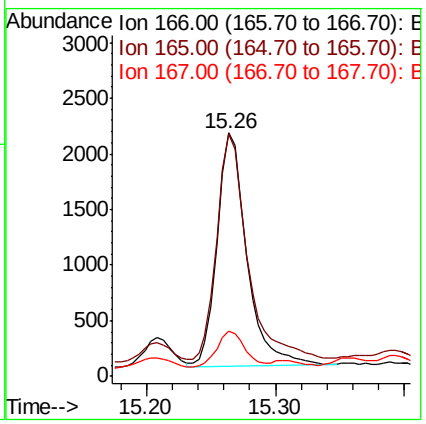
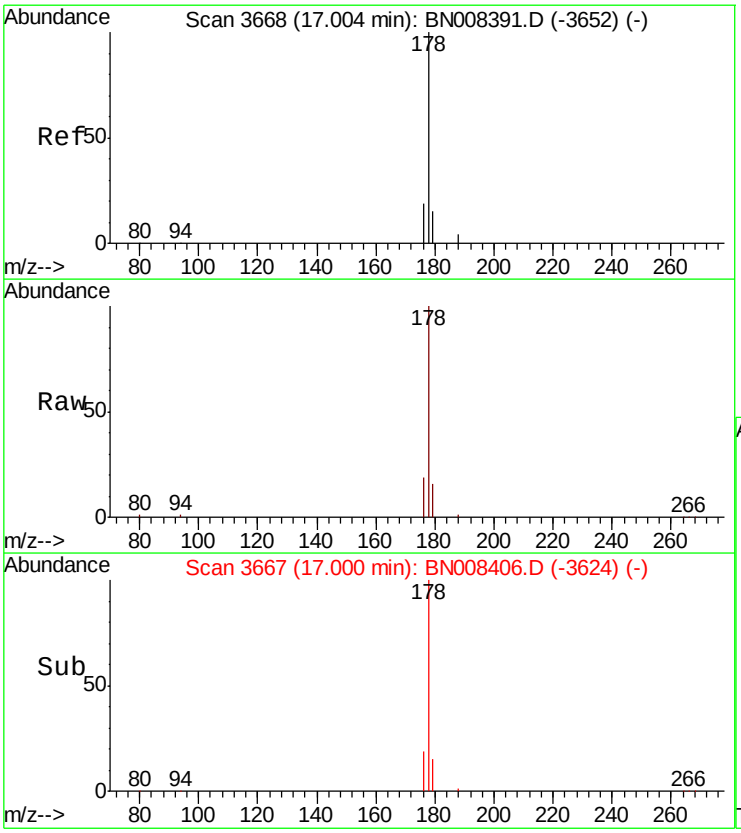
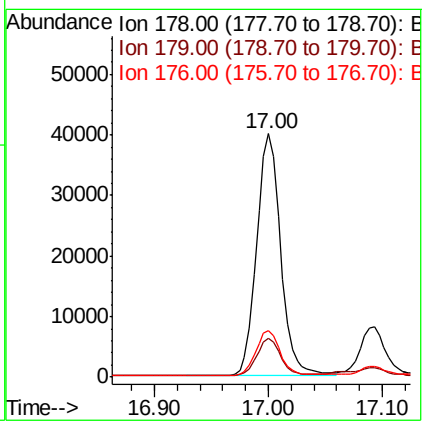


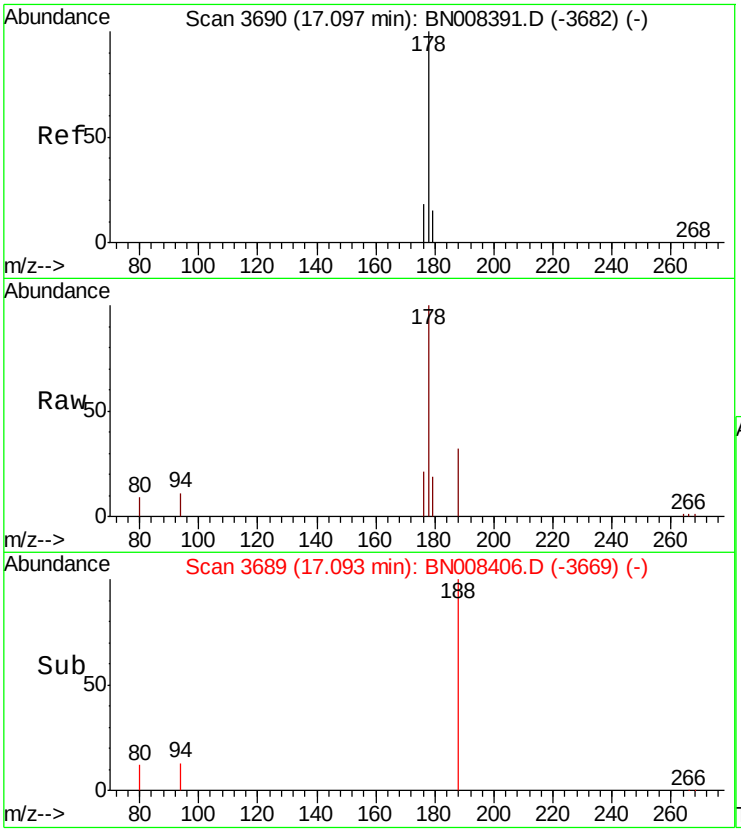


#12
Phenanthrene
Concen: 1.460 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:178 Resp: 58775

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.3	15.4	23.2

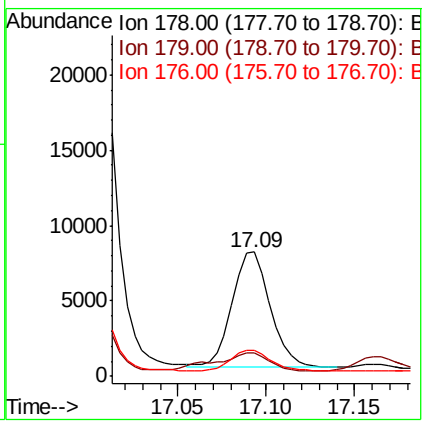




#13
Anthracene
Concen: 0.327 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:178 Resp: 11570

Ion	Ratio	Lower	Upper
178	100		
179	18.7	13.0	19.6
176	21.1	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
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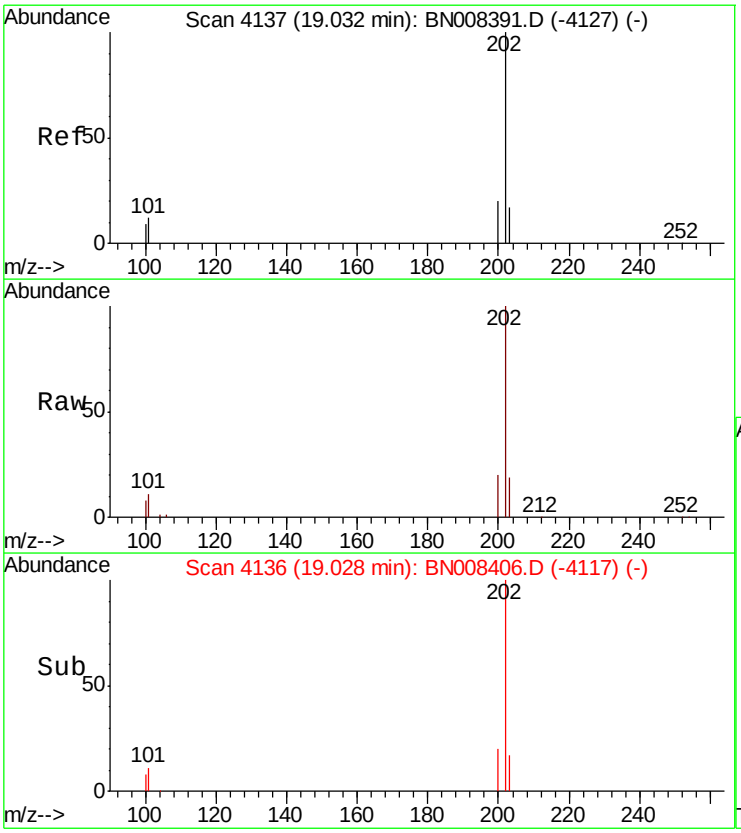
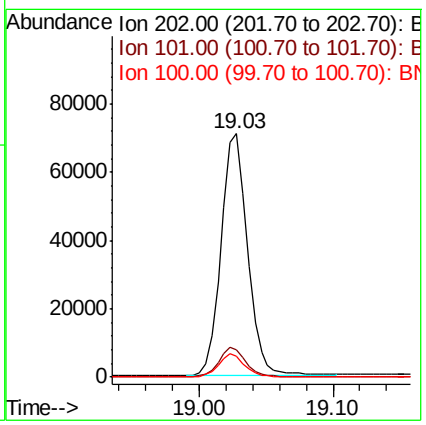
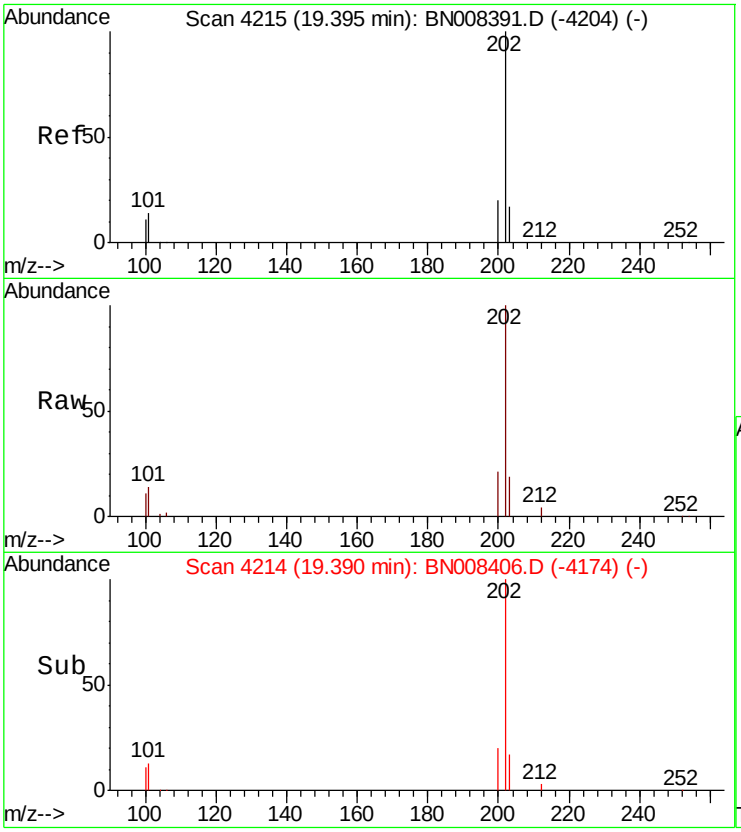


#15
Fluoranthene
Concen: 1.834 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. -0.01 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:202 Resp: 97504

Ion	Ratio	Lower	Upper
202	100		
101	11.3	0.0	31.2
100	8.4	0.0	28.5





#17
Pyrene
Concen: 1.749 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.01 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:202 Resp: 81339

Ion	Ratio	Lower	Upper
202	100		
101	13.6	10.9	16.3
100	11.1	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPL3DL

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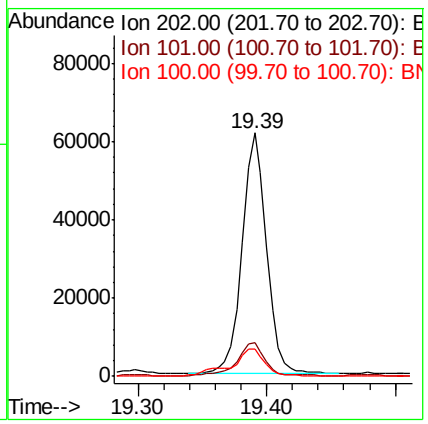
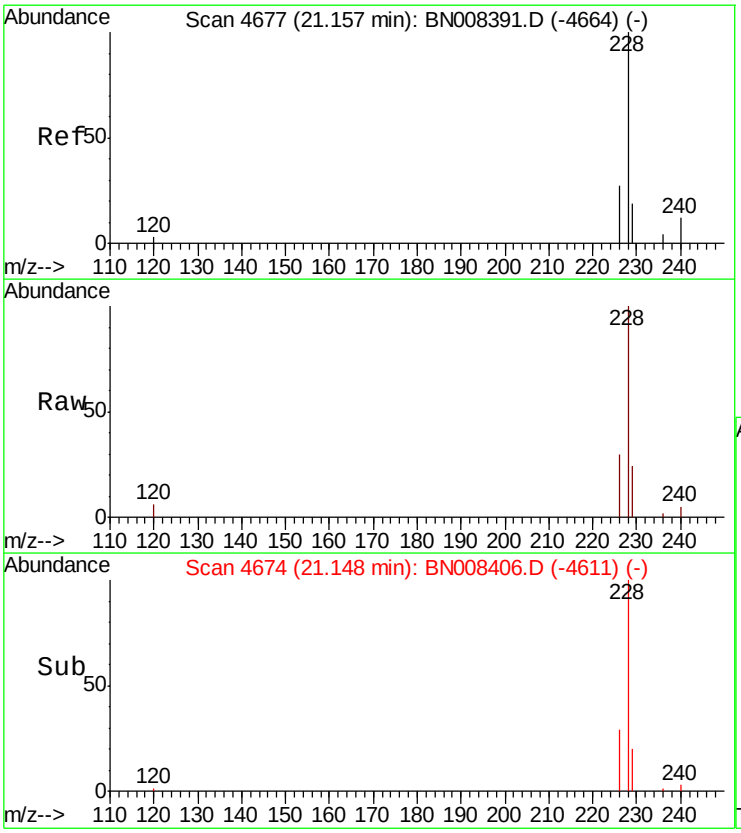
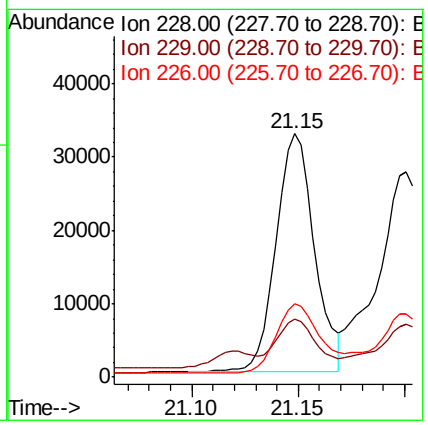


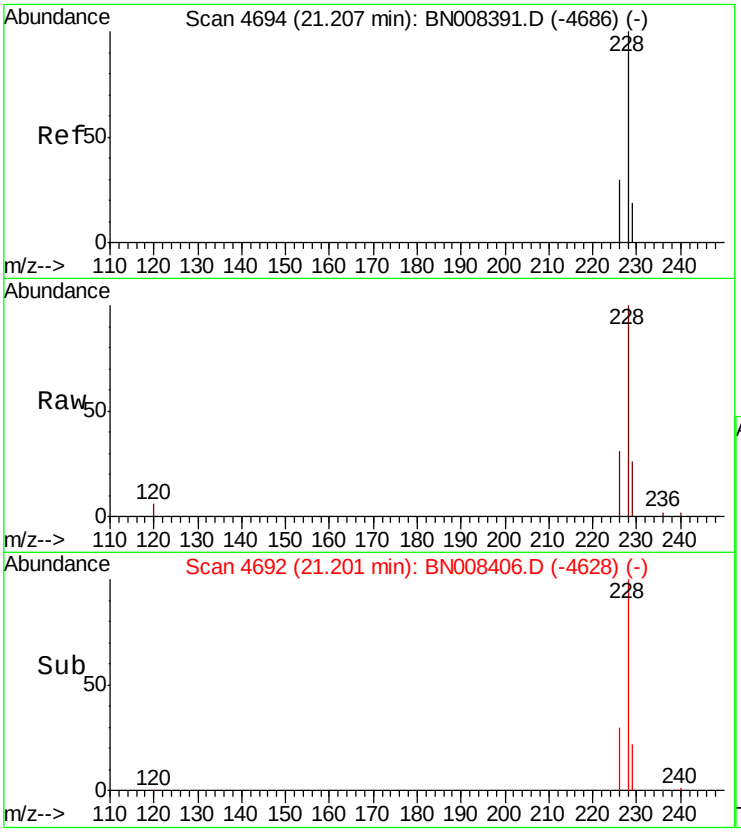


#18
Benzo(a)anthracene
Concen: 0.962 ng/ul
RT: 21.15 min Scan# 4674
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:228 Resp: 40856

Ion	Ratio	Lower	Upper
228	100		
229	23.9	16.2	24.2
226	29.9	21.4	32.0





#19
Chrysene
Concen: 0.802 ng/ul m
RT: 21.20 min Scan# 4692
Delta R.T. -0.01 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:228 Resp: 41798

Ion	Ratio	Lower	Upper
228	100		
226	30.9	24.1	36.1
229	25.5	16.2	24.2#

Instrument :
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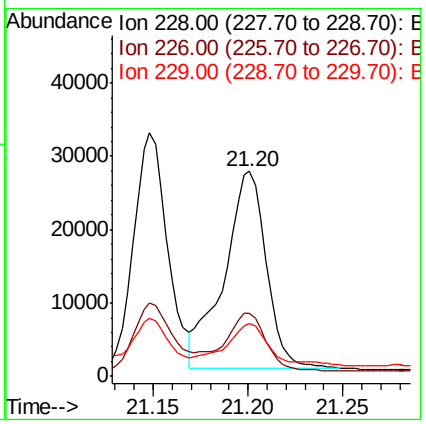
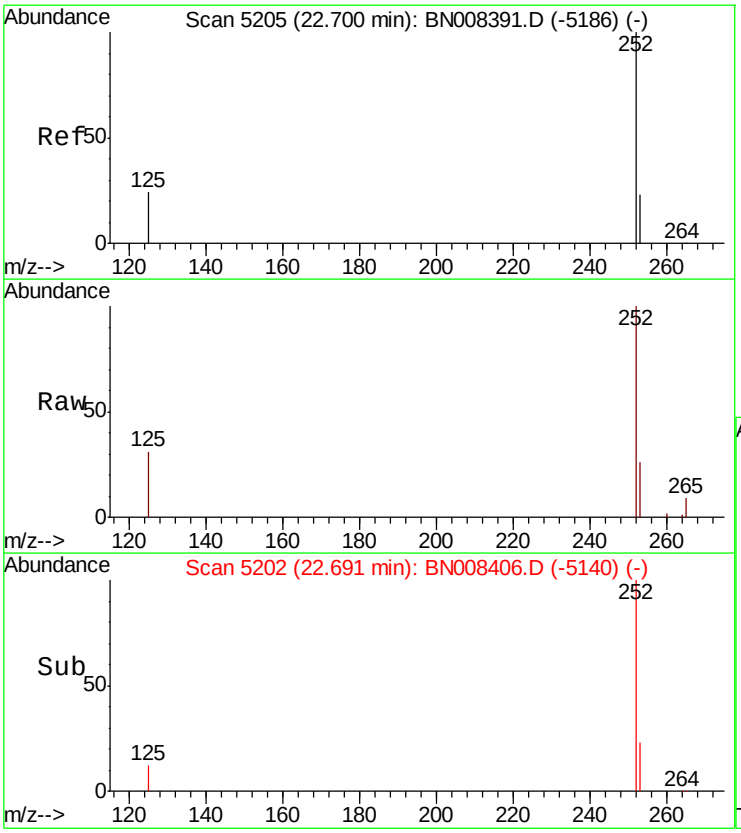
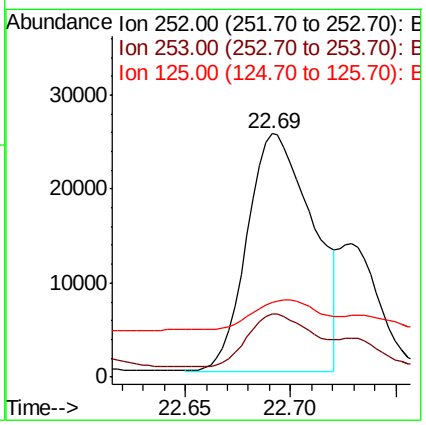


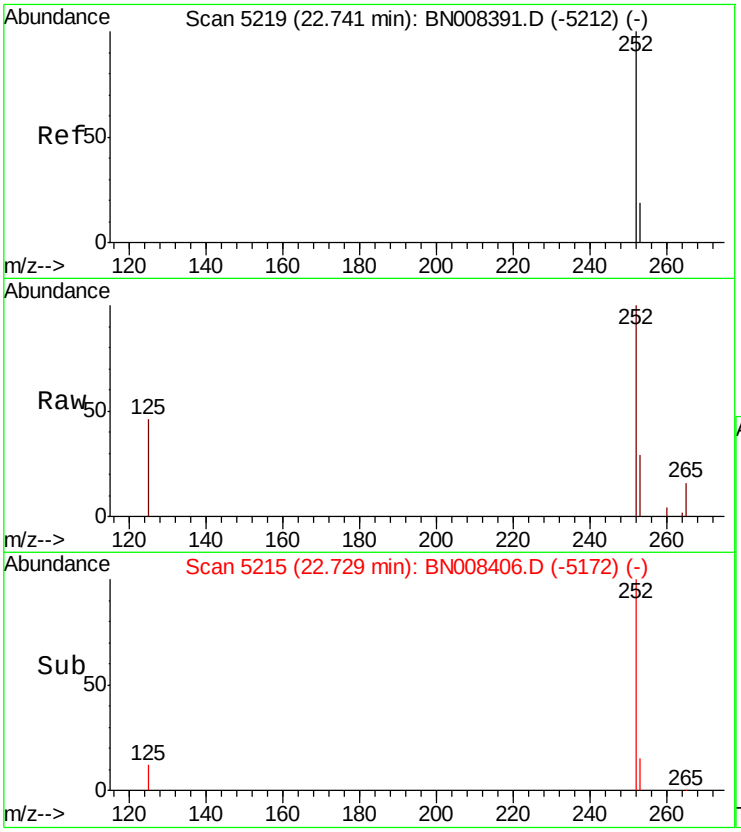


#21
Benzo(b)fluoranthene
Concen: 1.717 ng/ul m
RT: 22.69 min Scan# 5202
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:252 Resp: 54903

Ion	Ratio	Lower	Upper
252	100		
253	26.1	0.0	53.4
125	30.9	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.409 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:252 Resp: 14830

Ion	Ratio	Lower	Upper
252	100		
253	28.9	21.3	31.9
125	46.0	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
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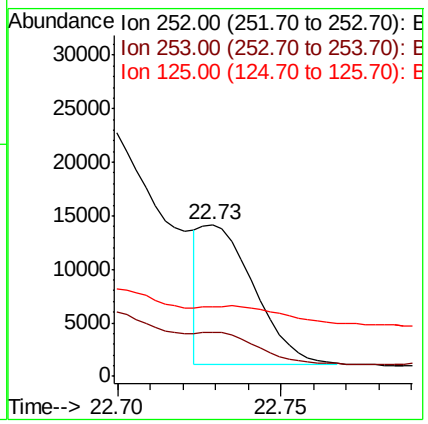
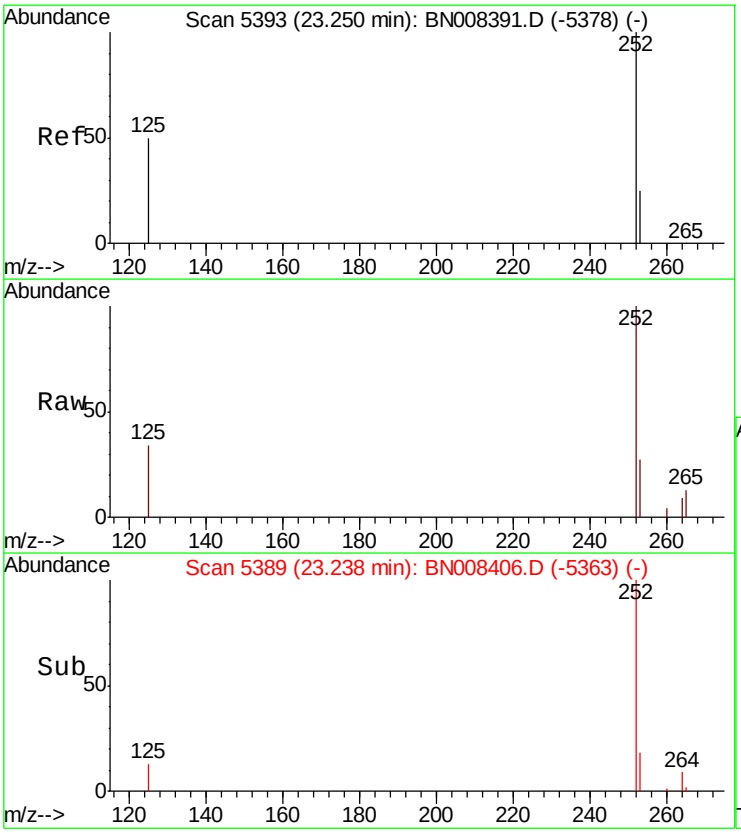
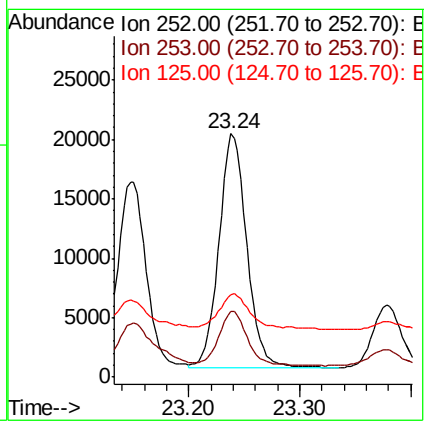


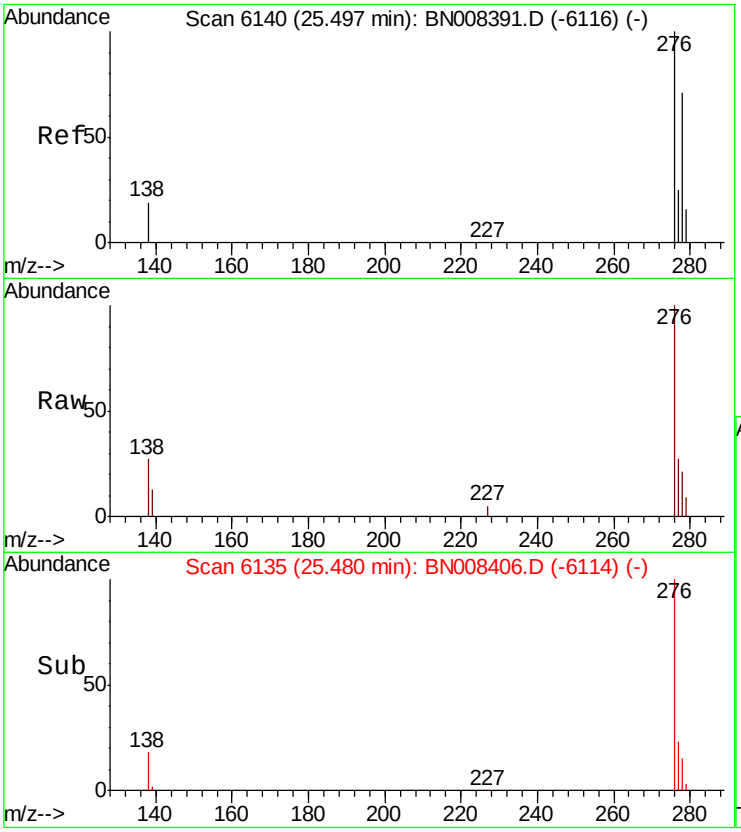


#23
Benzo(a)pyrene
Concen: 1.021 ng/ul
RT: 23.24 min Scan# 5389
Delta R.T. -0.02 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:252 Resp: 34340

Ion	Ratio	Lower	Upper
252	100		
253	27.0	22.8	34.2
125	34.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.710 ng/ul
RT: 25.48 min Scan# 6135
Delta R.T. -0.03 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:276 Resp: 28152

Ion	Ratio	Lower	Upper
276	100		
138	19.2	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
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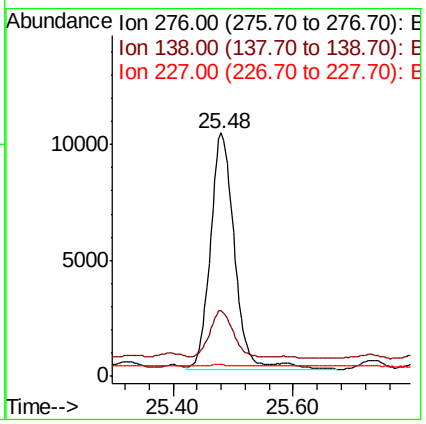
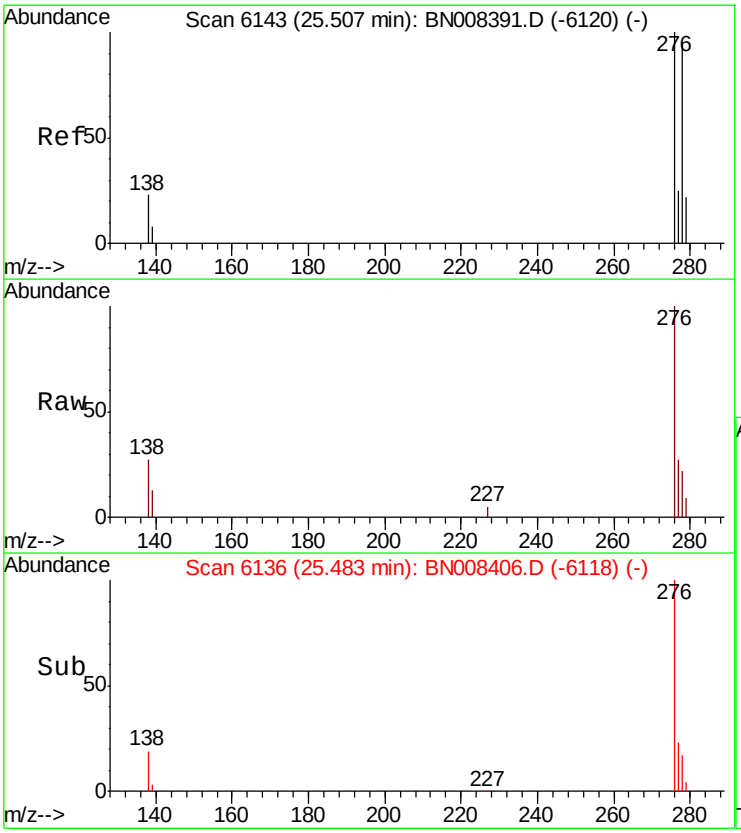
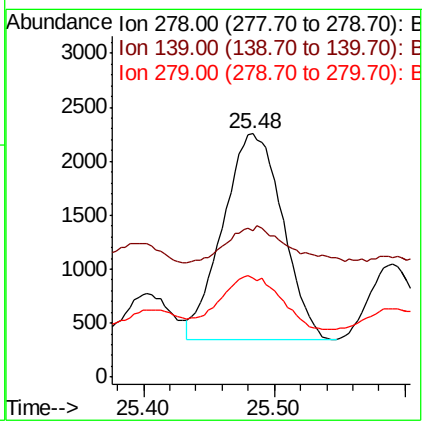


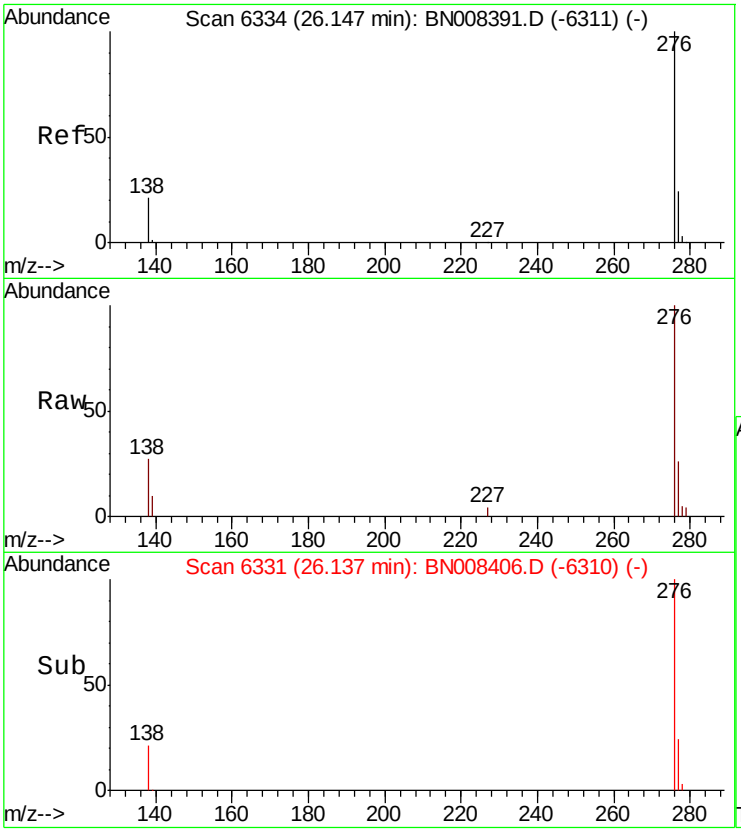


#25
Dibenzo(a,h)anthracene
Concen: 0.194 ng/ul
RT: 25.48 min Scan# 6136
Delta R.T. -0.04 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:278 Resp: 6083

Ion	Ratio	Lower	Upper
278	100		
139	60.0	15.0	22.6#
279	40.5	22.4	33.6#

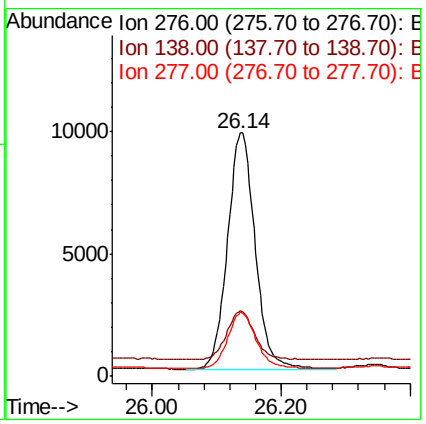




#26
Benzo(g,h,i)perylene
Concen: 0.790 ng/ul
RT: 26.14 min Scan# 6331
Delta R.T. -0.03 min
Lab File: BN008406.D
Acq: 25 Oct 2019 02:10

Tgt Ion:276 Resp: 28696

Ion	Ratio	Lower	Upper
276	100		
138	26.8	17.0	25.4#
277	26.4	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPL3DL

Manual Integrations APPROVED
mohammad
10/25/2019 8:06:29 AM