Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101919\
Data File : BN008262.D
Acq On : 19 Oct 2019 10:29
Operator : JU
Sample : K5177-05DL 5X
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEP94DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:03:22 PM

Quant Time: Oct 19 21:18:42 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 : Fri Oct 18 23:47:17 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1801	0.40	ng/ul	0.00
2) Naphthalene-d8	10.36	136	8294	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	5137	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	11184	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	12469	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	12912	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	473	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	2228	0.06	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.41	128	1136	0.048	ng/ul#	82
5) 2-Methylnaphthalene	12.03	142	661	0.041	ng/ul	98
7) Acenaphthylene	13.94	152	3812	0.156	ng/ul	96
8) Acenaphthene	14.29	153	1854	0.097	ng/ul	97
9) Fluorene	15.28	166	2476	0.115	ng/ul#	97
12) Phenanthrene	17.02	178	53536	1.635	ng/ul	99
13) Anthracene	17.11	178	10390	0.361	ng/ul	98
15) Fluoranthene	19.04	202	144437	3.340	ng/ul	99
17) Pyrene	19.40	202	158398	3.190	ng/ul	100
18) Benzo(a)anthracene	21.16	228	94019	2.074	ng/ul	98
19) Chrysene	21.22	228	105583	1.898	ng/ul	98
21) Benzo(b)fluoranthene	22.71	252	129553m	3.082	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	35966m	0.755	ng/ul	
23) Benzo(a)pyrene	23.26	252	93007	2.103	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.51	276	53983	1.036	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.52	278	13604	0.330	ng/ul	96
26) Benzo(g,h,i)perylene	26.17	276	48865	1.023	ng/ul	98

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

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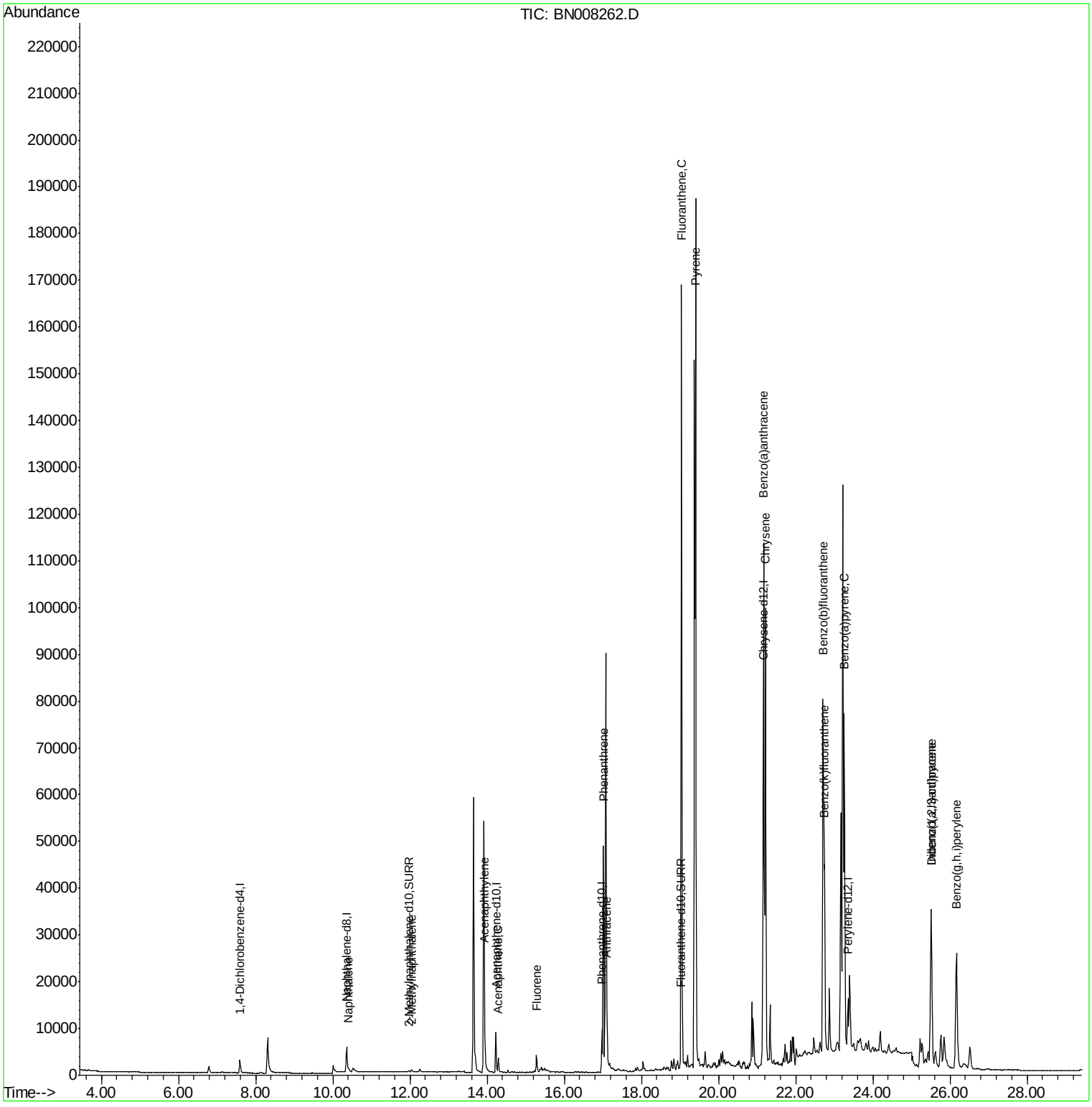

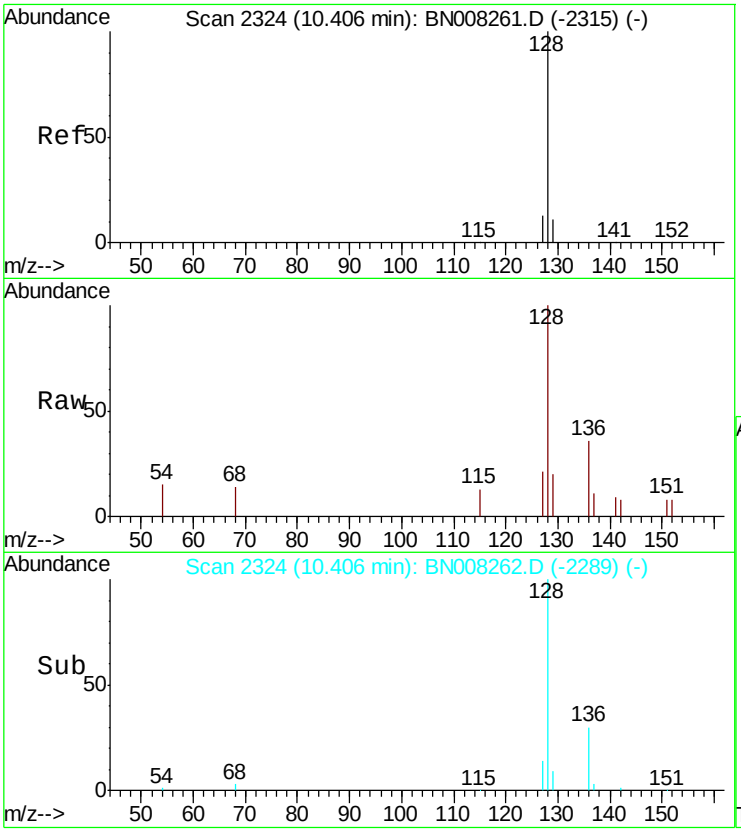

#3
Naphthalene
Concen: 0.048 ng/ul
RT: 10.41 min Scan# 2324
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:128 Resp: 1136

Ion	Ratio	Lower	Upper
128	100		
129	20.3	9.8	14.8#
127	20.5	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEP94DL

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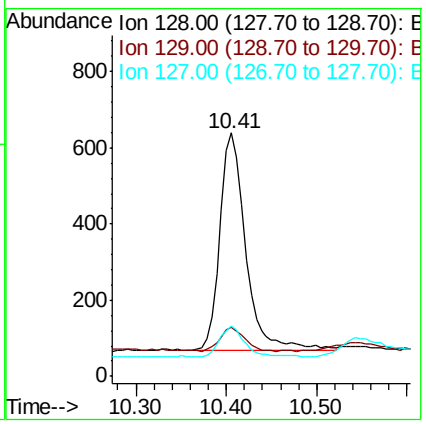
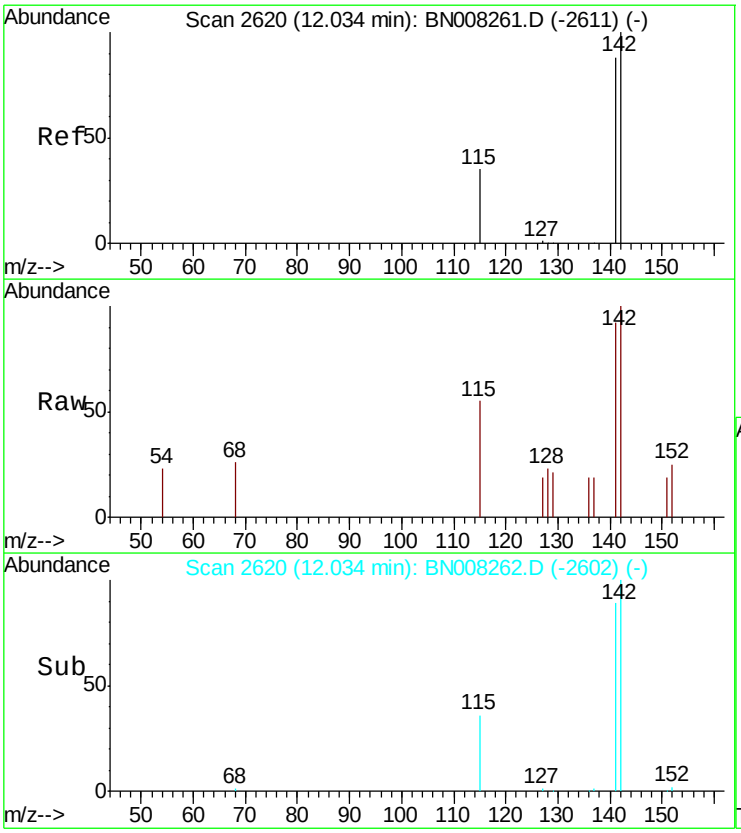
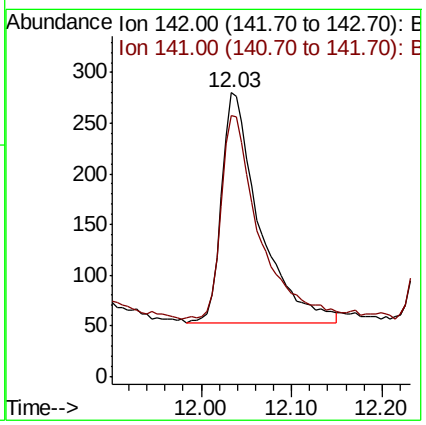


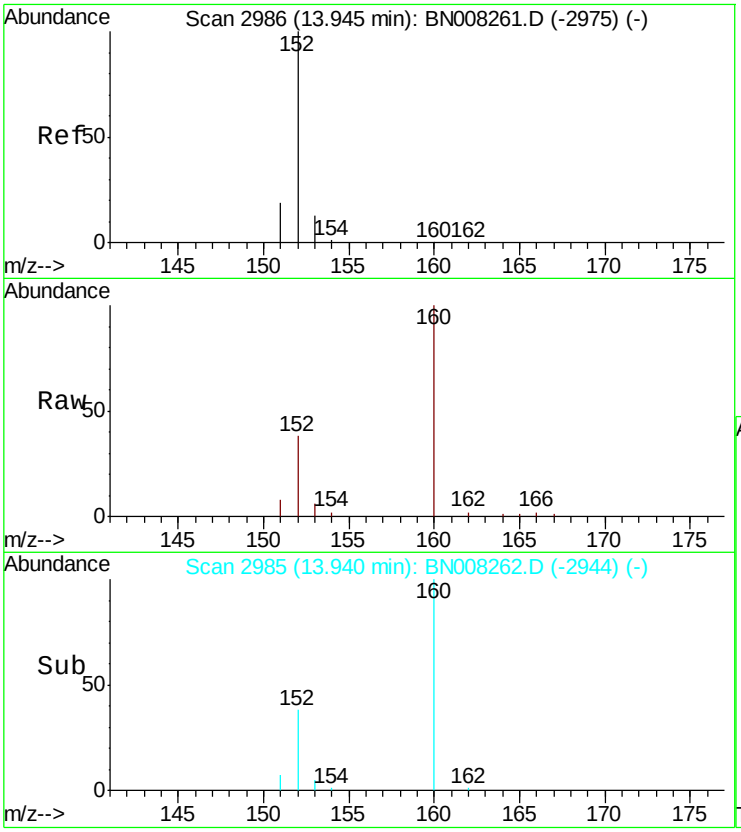


#5
2-Methylnaphthalene
Concen: 0.041 ng/ul
RT: 12.03 min Scan# 2620
Delta R.T. 0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:142 Resp: 661

Ion	Ratio	Lower	Upper
142	100		
141	87.7	71.4	107.2

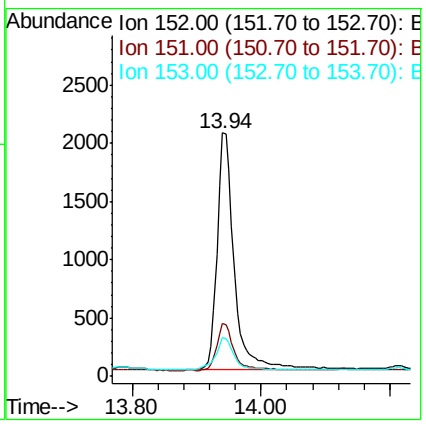




#7
Acenaphthylene
Concen: 0.156 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:152 Resp: 3812

Ion	Ratio	Lower	Upper
152	100		
151	21.7	16.2	24.4
153	16.0	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
BEP94DL

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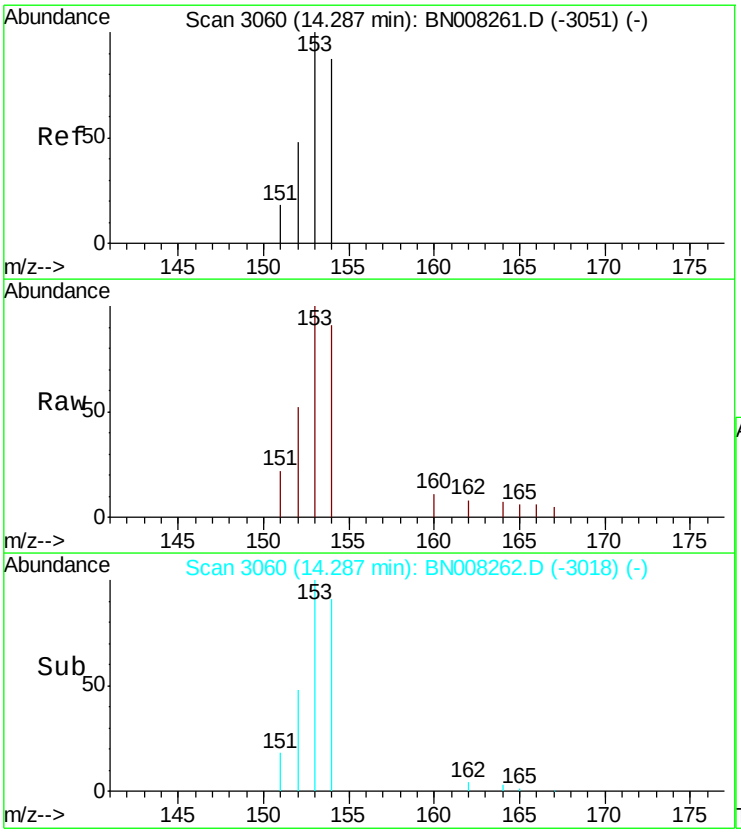
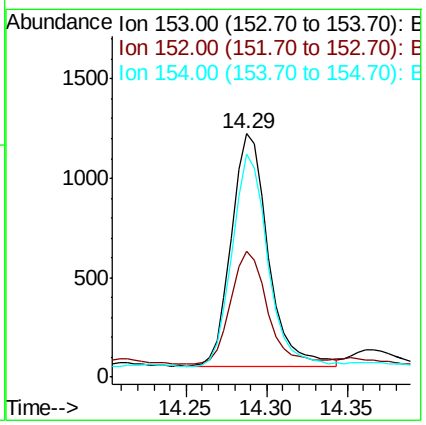
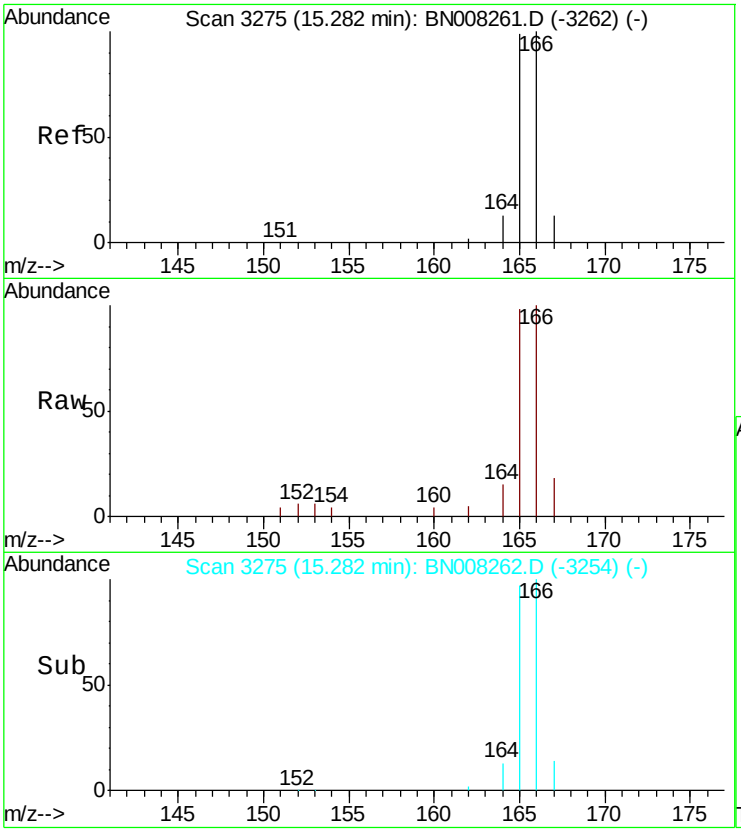


#8
Acenaphthene
Concen: 0.097 ng/ul
RT: 14.29 min Scan# 3060
Delta R.T. -0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:153 Resp: 1854

Ion	Ratio	Lower	Upper
153	100		
152	51.5	38.2	57.2
154	91.4	71.8	107.8

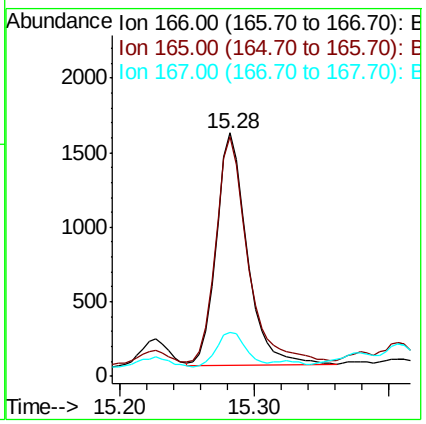




#9
Fluorene
Concen: 0.115 ng/ul
RT: 15.28 min Scan# 3275
Delta R.T. -0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:166 Resp: 2476

Ion	Ratio	Lower	Upper
166	100		
165	98.2	76.6	115.0
167	18.2	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEP94DL

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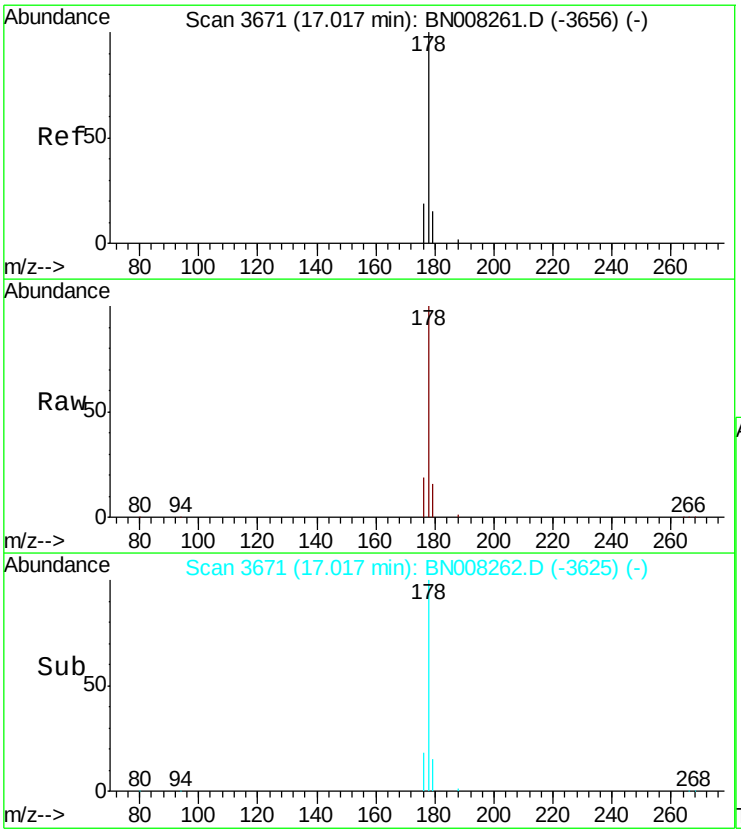
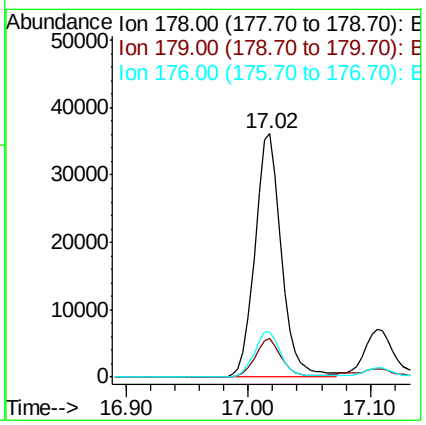
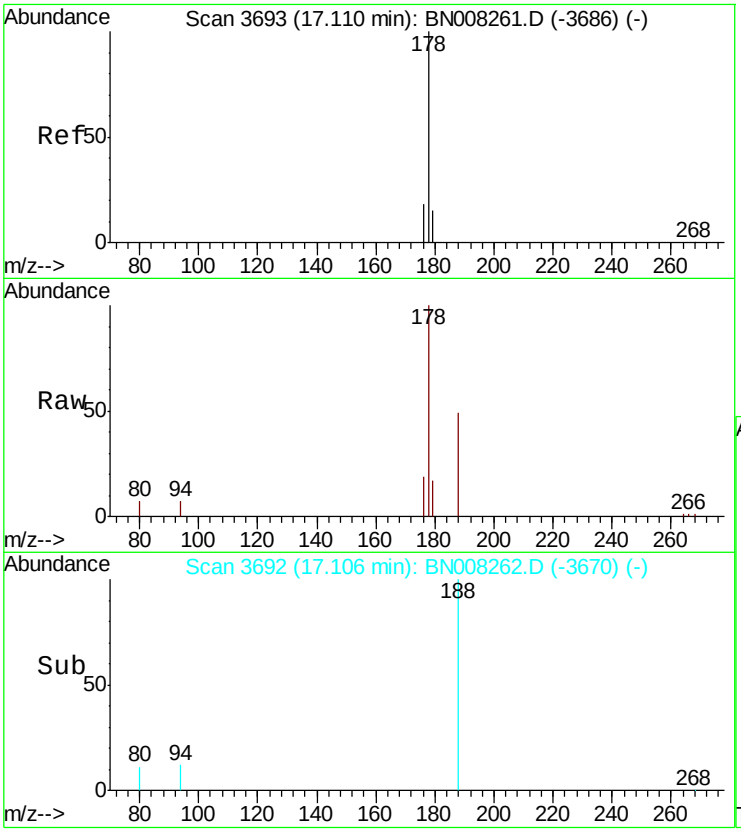


#12
Phenanthrene
Concen: 1.635 ng/ul
RT: 17.02 min Scan# 3671
Delta R.T. -0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:178 Resp: 53536

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	18.5	15.4	23.2





#13
Anthracene
Concen: 0.361 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:178 Resp: 10390

Ion	Ratio	Lower	Upper
178	100		
179	17.4	13.0	19.6
176	19.1	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEP94DL

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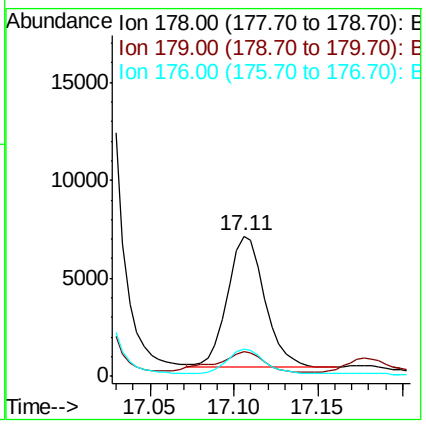
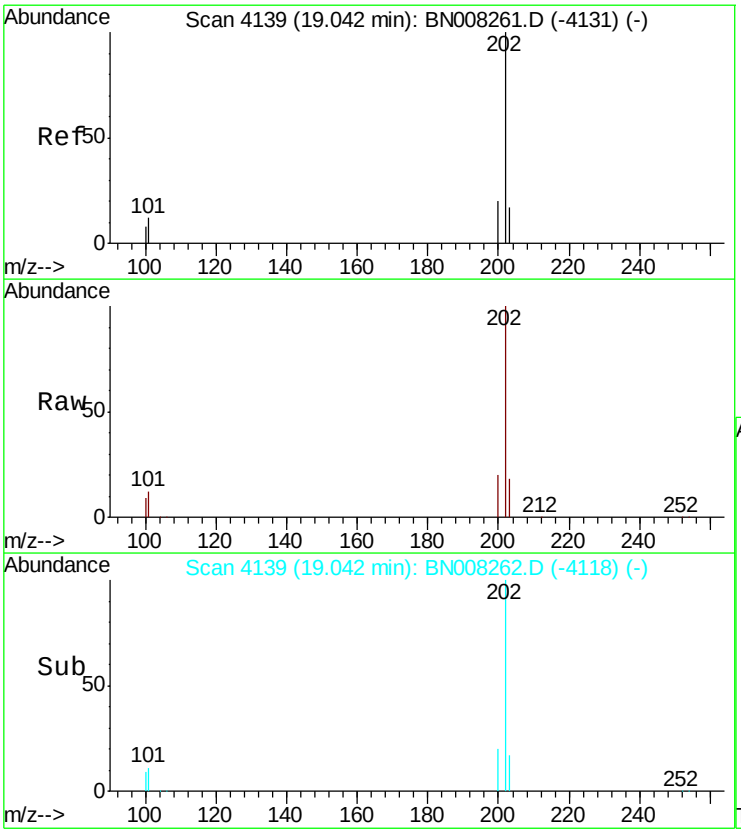
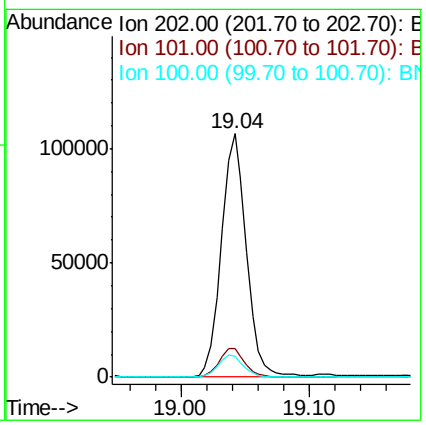


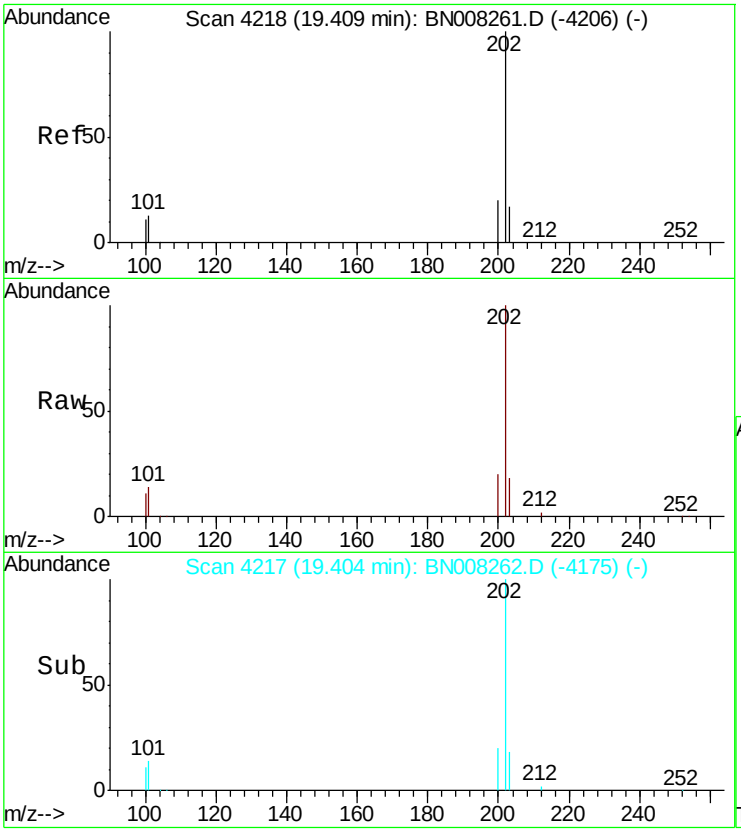


#15
Fluoranthene
Concen: 3.340 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. -0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:202 Resp: 144437

Ion	Ratio	Lower	Upper
202	100		
101	11.7	0.0	31.2
100	8.7	0.0	28.5





#17
Pyrene
Concen: 3.190 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. -0.00 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:202 Resp: 158398

Ion	Ratio	Lower	Upper
202	100		
101	13.7	10.9	16.3
100	11.0	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEP94DL

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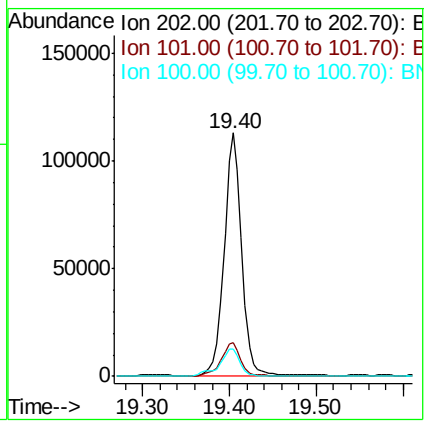
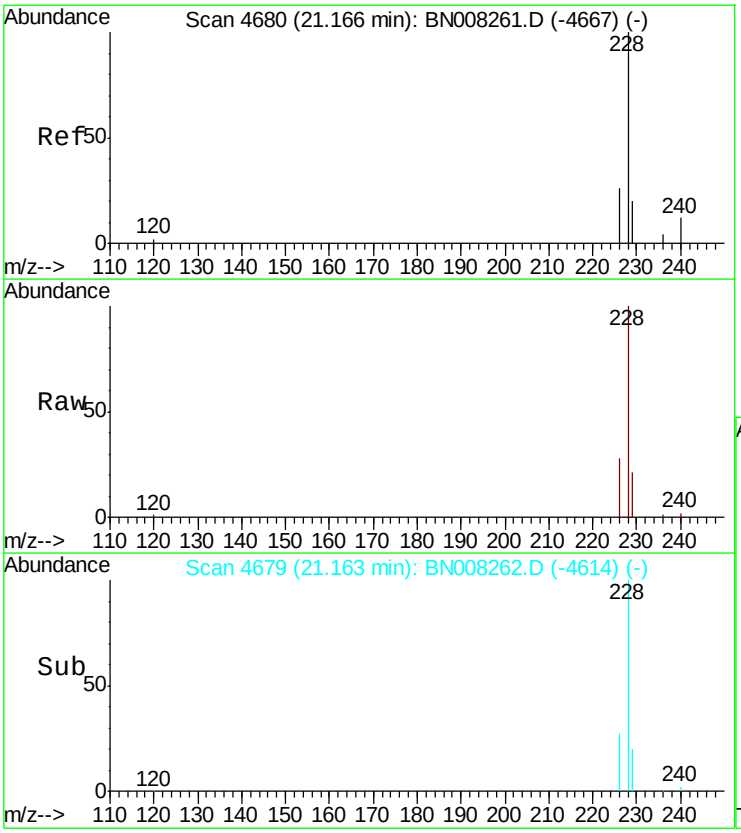
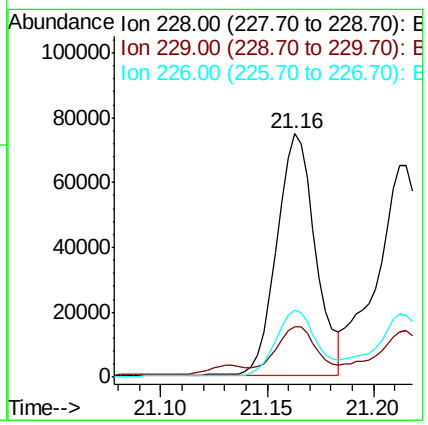


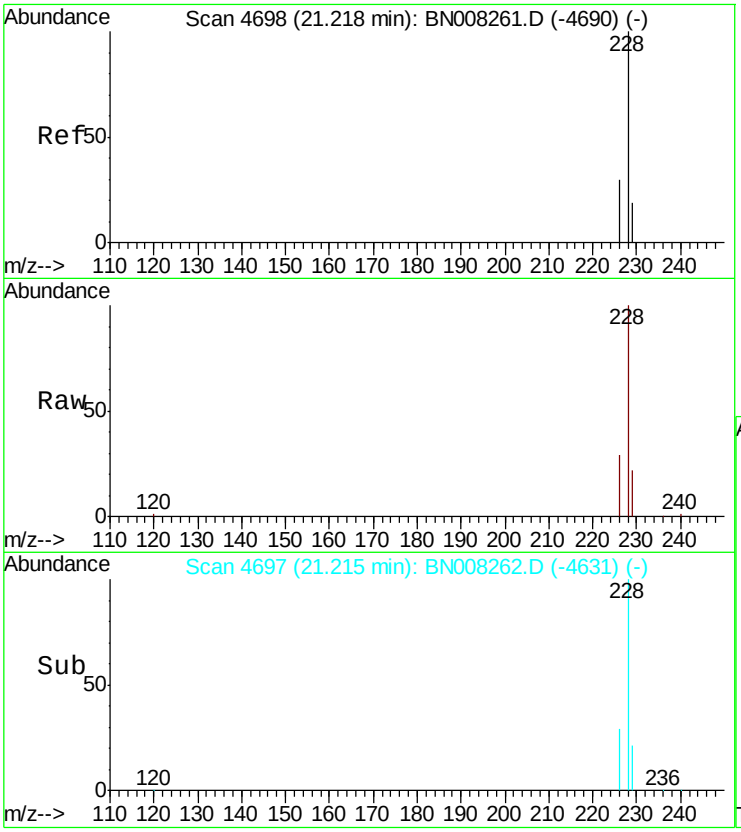


#18
Benzo(a)anthracene
Concen: 2.074 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:228 Resp: 94019

Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.2	24.2
226	27.7	21.4	32.0

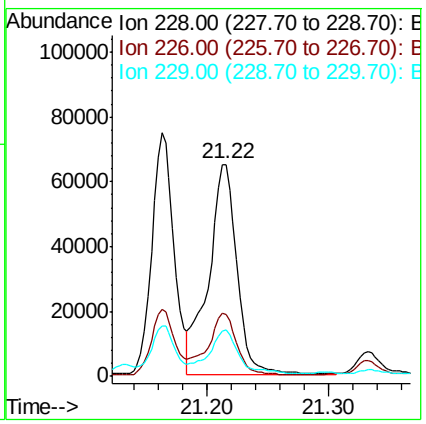




#19
Chrysene
Concen: 1.898 ng/ul
RT: 21.22 min Scan# 4697
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:228 Resp: 105583

Ion	Ratio	Lower	Upper
228	100		
226	29.3	24.1	36.1
229	21.8	16.2	24.2



Instrument :
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ClientSampleId :
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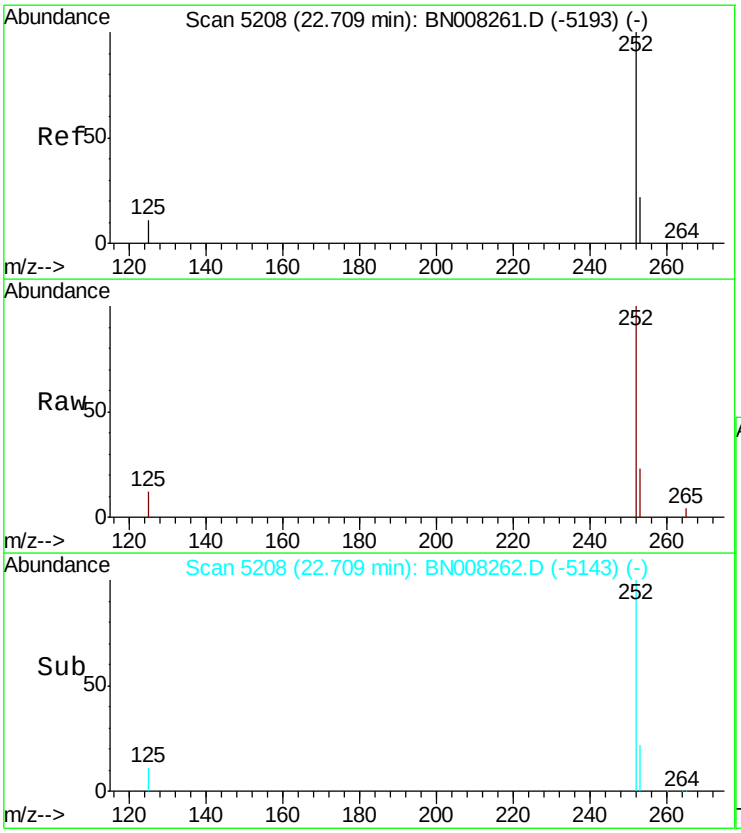
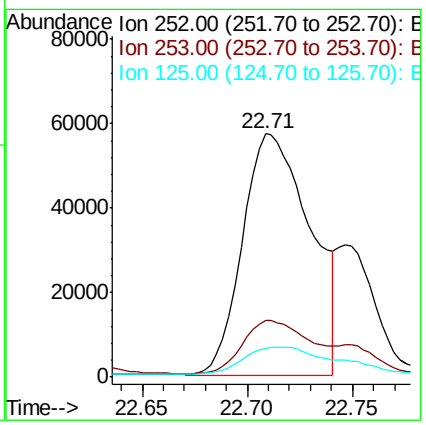
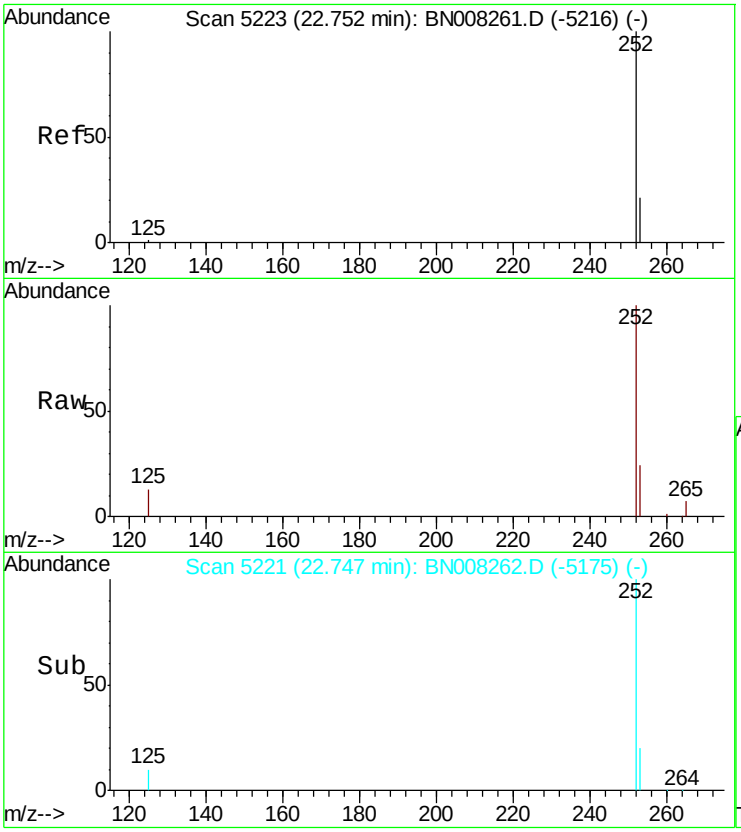


#21
Benzo(b)fluoranthene
Concen: 3.082 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:252 Resp: 129553

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	11.9	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.755 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:252 Resp: 35966

Ion	Ratio	Lower	Upper
252	100		
253	24.4	21.3	31.9
125	12.5	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
BEP94DL

Manual Integrations APPROVED
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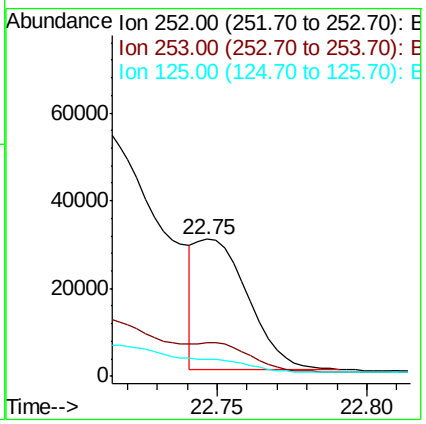
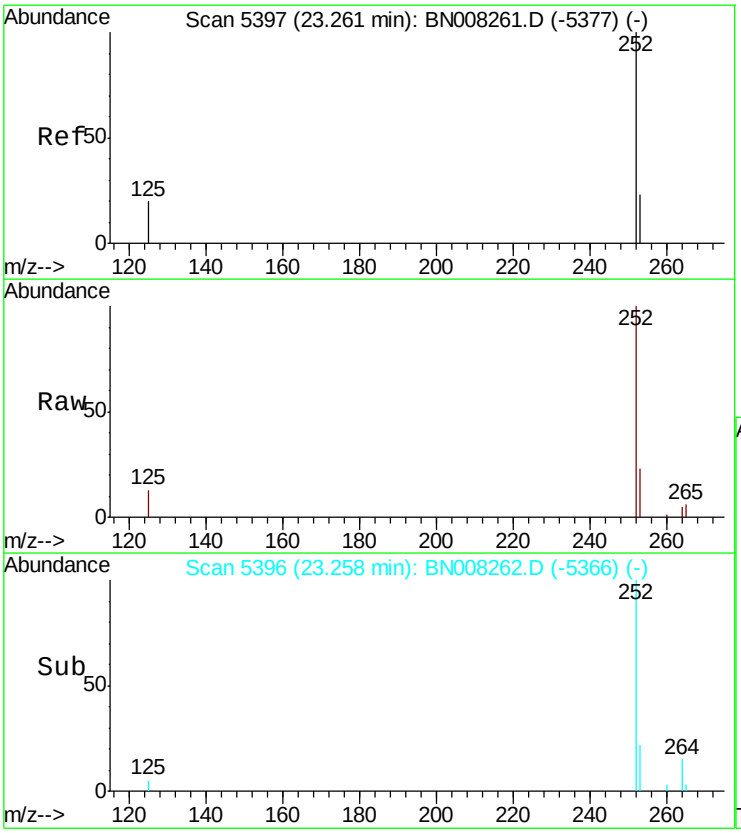
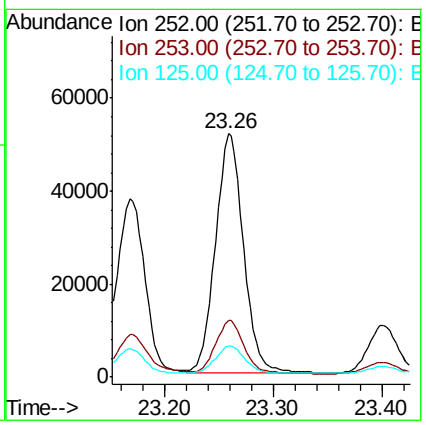


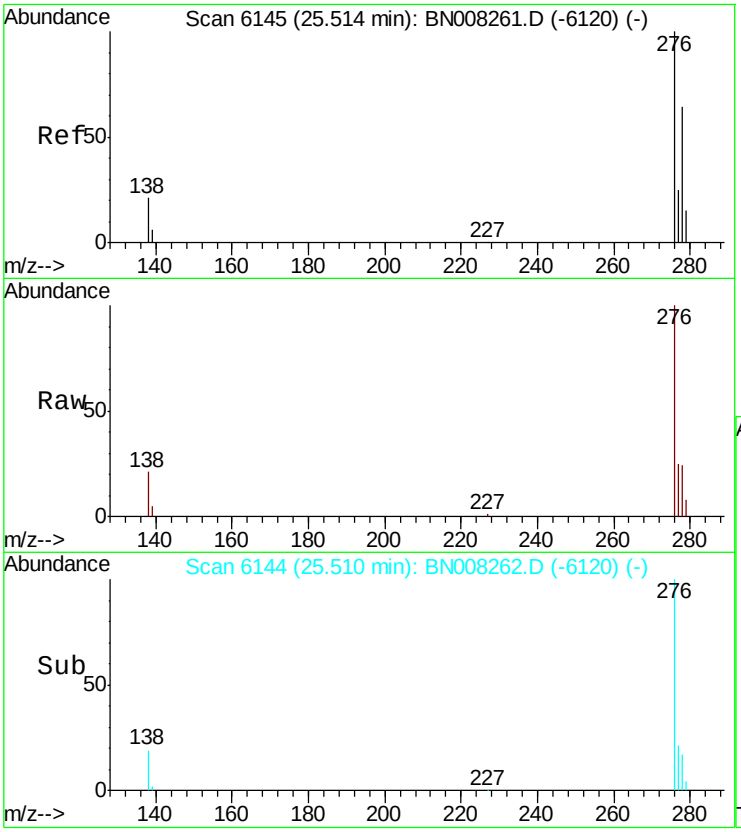


#23
Benzo(a)pyrene
Concen: 2.103 ng/ul
RT: 23.26 min Scan# 5396
Delta R.T. -0.01 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:252 Resp: 93007

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	13.0	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.036 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.02 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:276 Resp: 53983

Ion	Ratio	Lower	Upper
276	100		
138	19.4	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEP94DL

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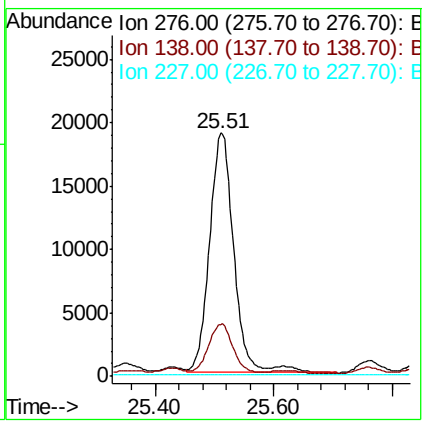
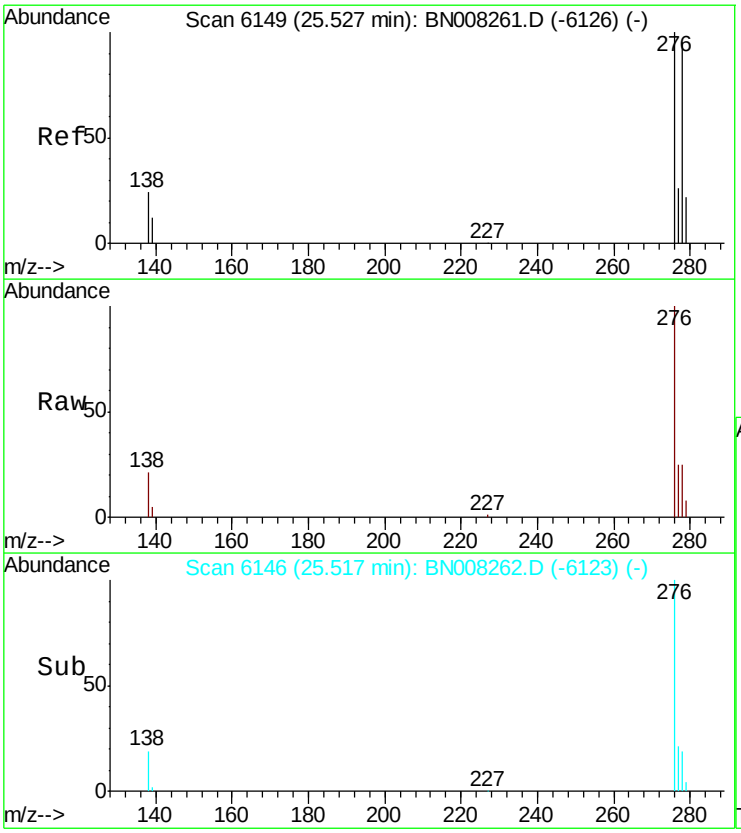
10/20/2019 8:03:22 PM

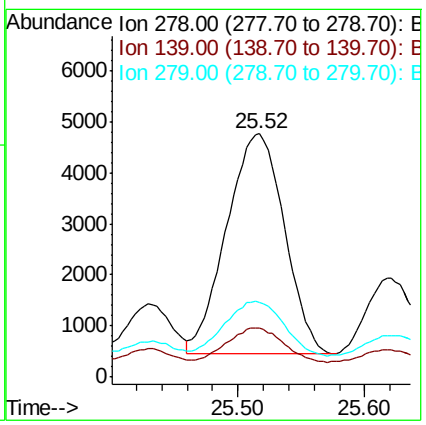


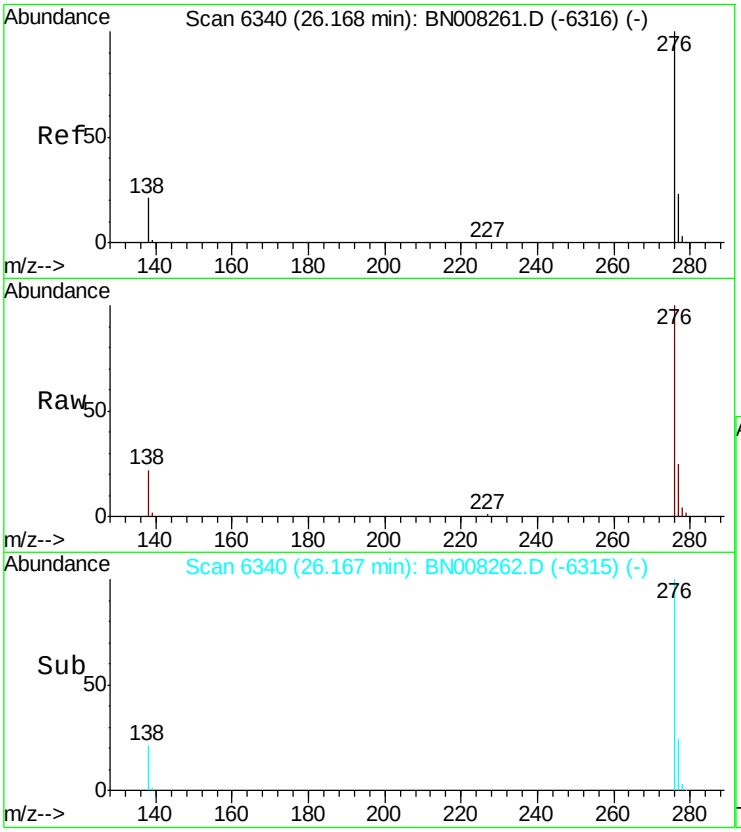


#25
Dibenzo(a,h)anthracene
Concen: 0.330 ng/ul
RT: 25.52 min Scan# 6146
Delta R.T. -0.02 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:278 Resp: 13604

Ion	Ratio	Lower	Upper
278	100		
139	20.1	15.0	22.6
279	30.8	22.4	33.6

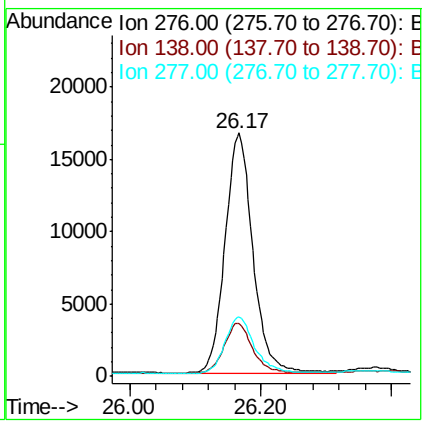




#26
Benzo(g,h,i)perylene
Concen: 1.023 ng/ul
RT: 26.17 min Scan# 6340
Delta R.T. -0.02 min
Lab File: BN008262.D
Acq: 19 Oct 2019 10:29

Tgt Ion:276 Resp: 48865

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	24.6	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEP94DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:03:22 PM