Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008216.D
Acq On : 17 Oct 2019 11:23
Operator : JU
Sample : K5175-16DL 10X
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:02 PM

Quant Time: Oct 18 02:13:13 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 : Thu Oct 17 01:48:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.61	152	2802	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	13209	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.24	164	8488	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.99	188	21417m	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	20322	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	14789	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	729	0.03	ng/ul	0.00
14) Fluoranthene-d10	19.02	212	2165	0.03	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.42	128	834	0.022	ng/ul#	77
7) Acenaphthylene	13.96	152	1340	0.033	ng/ul#	86
8) Acenaphthene	14.30	153	1080	0.034	ng/ul	95
9) Fluorene	15.30	166	1536	0.043	ng/ul#	96
11) Pentachlorophenol	16.66	266	1247	0.241	ng/ul	99
12) Phenanthrene	17.03	178	34123	0.544	ng/ul	99
13) Anthracene	17.12	178	16043	0.291	ng/ul	99
15) Fluoranthene	19.06	202	61976	0.748	ng/ul	98
17) Pyrene	19.42	202	63220	0.781	ng/ul	99
18) Benzo(a)anthracene	21.18	228	37696	0.510	ng/ul	98
19) Chrysene	21.23	228	37949	0.419	ng/ul	99
21) Benzo(b)fluoranthene	22.72	252	30925	0.642	ng/ul	97
22) Benzo(k)fluoranthene	22.76	252	20056	0.368	ng/ul	99
23) Benzo(a)pyrene	23.28	252	24743	0.488	ng/ul	95
24) Indeno(1,2,3-cd)pyrene	25.54	276	20514	0.344	ng/ul#	95
25) Dibenzo(a,h)anthracene	25.55	278	12209	0.259	ng/ul	97
26) Benzo(g,h,i)perylene	26.20	276	17652	0.323	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101719\
Data File : BN008216.D
Acq On : 17 Oct 2019 11:23
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Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 18 02:13:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Thu Oct 17 01:48:53 2019
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Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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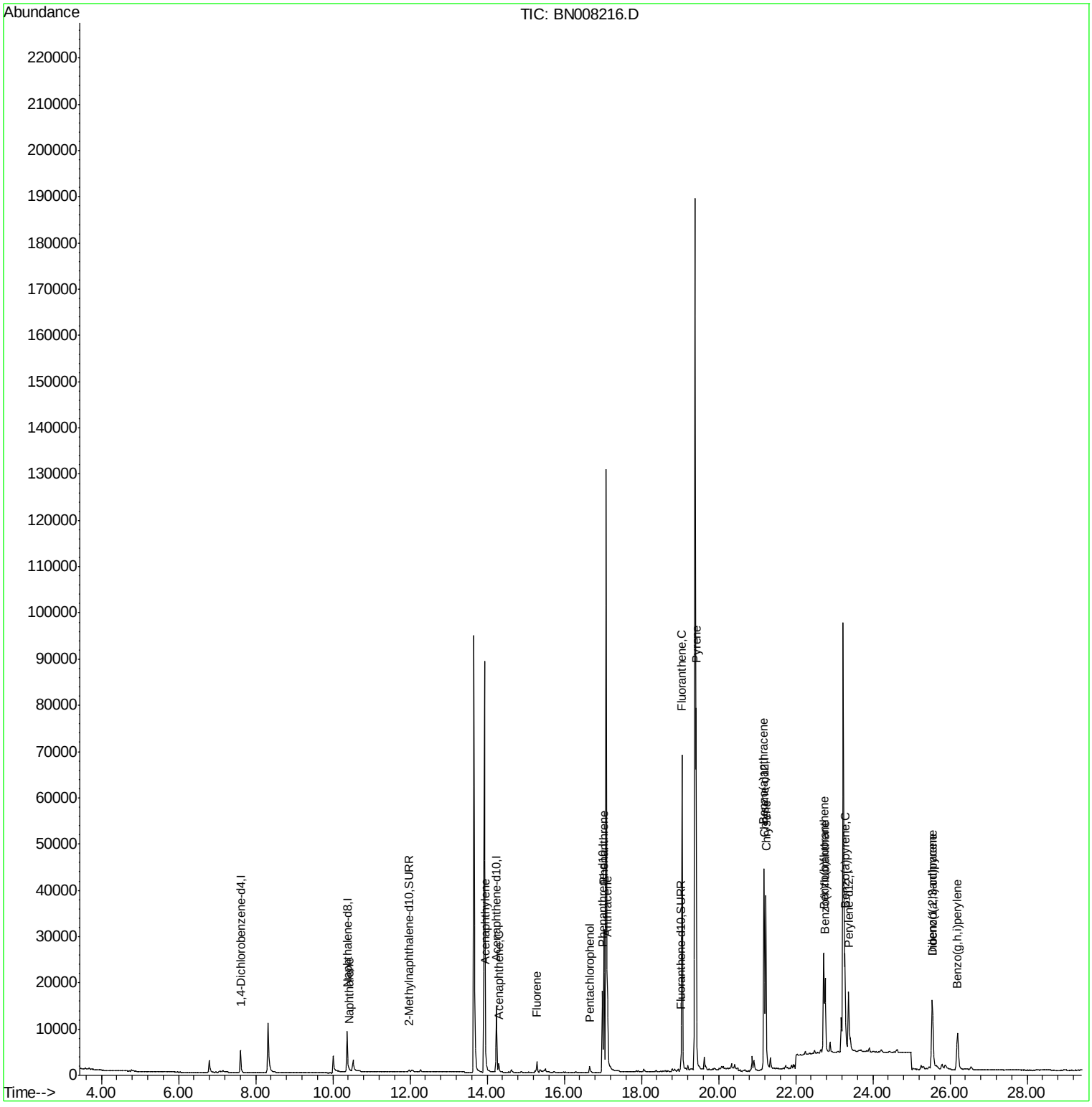

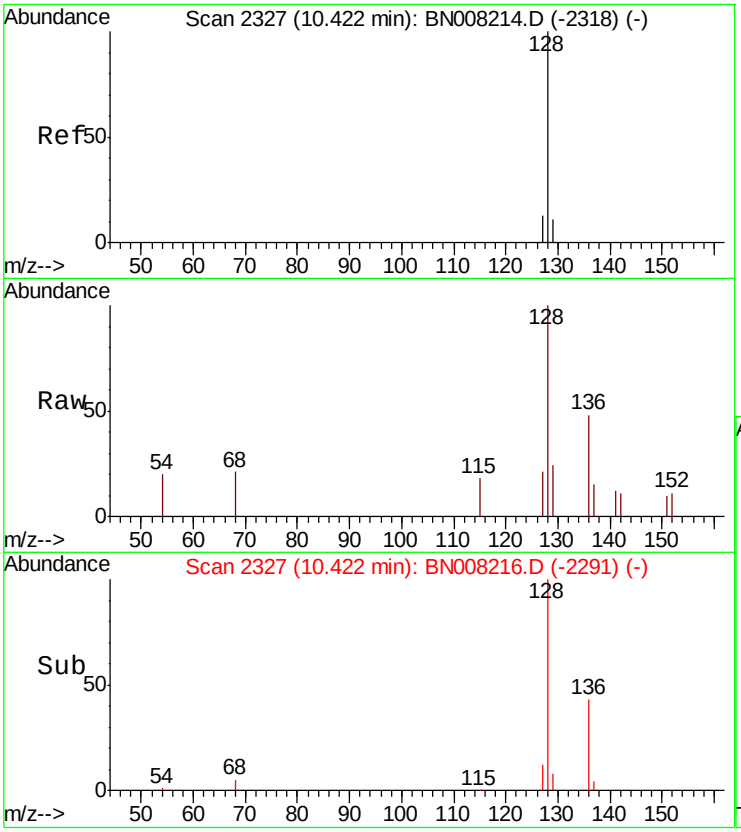

#3
Naphthalene
Concen: 0.022 ng/ul
RT: 10.42 min Scan# 2327
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:128 Resp: 834

Ion	Ratio	Lower	Upper
128	100		
129	23.6	9.8	14.8#
127	20.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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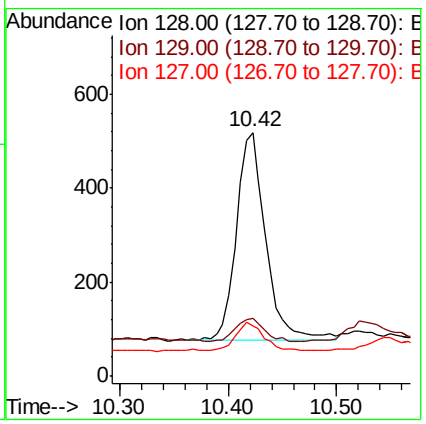
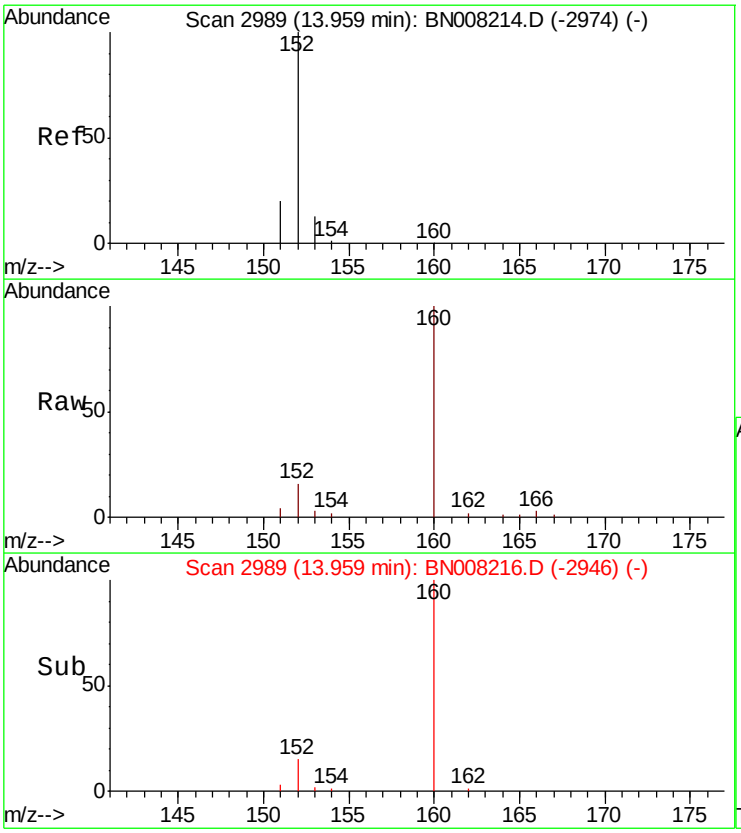
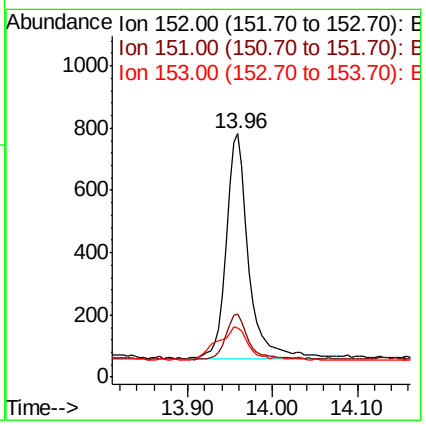


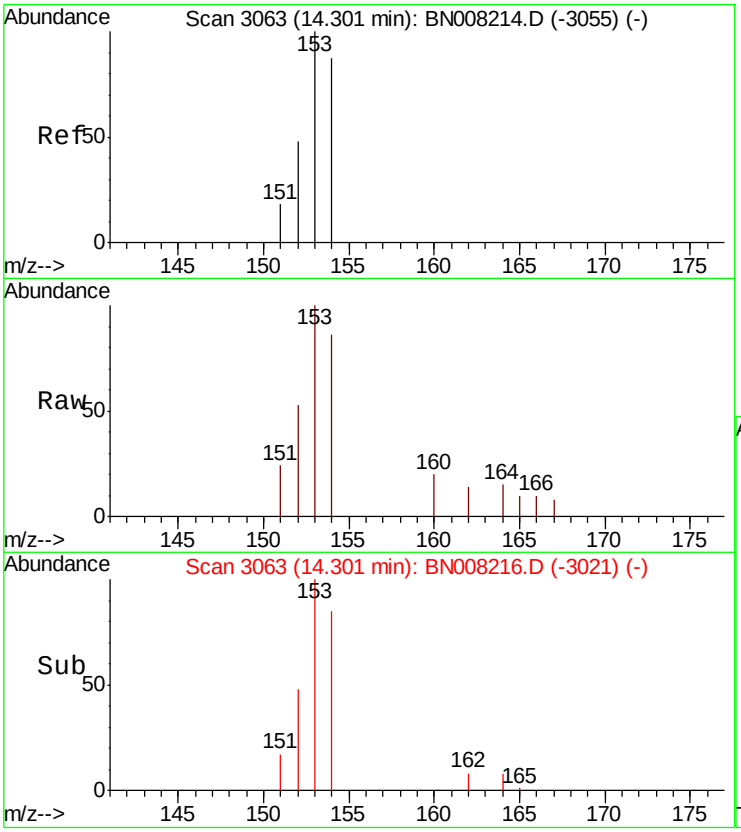


#7
Acenaphthylene
Concen: 0.033 ng/ul
RT: 13.96 min Scan# 2989
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:152 Resp: 1340

Ion	Ratio	Lower	Upper
152	100		
151	25.8	16.2	24.4#
153	20.5	11.0	16.4#





#8
Acenaphthene
Concen: 0.034 ng/ul
RT: 14.30 min Scan# 3063
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:153 Resp: 1080

Ion	Ratio	Lower	Upper
153	100		
152	53.1	38.2	57.2
154	86.4	71.8	107.8

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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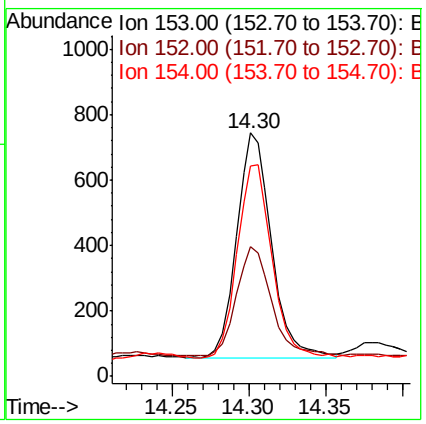
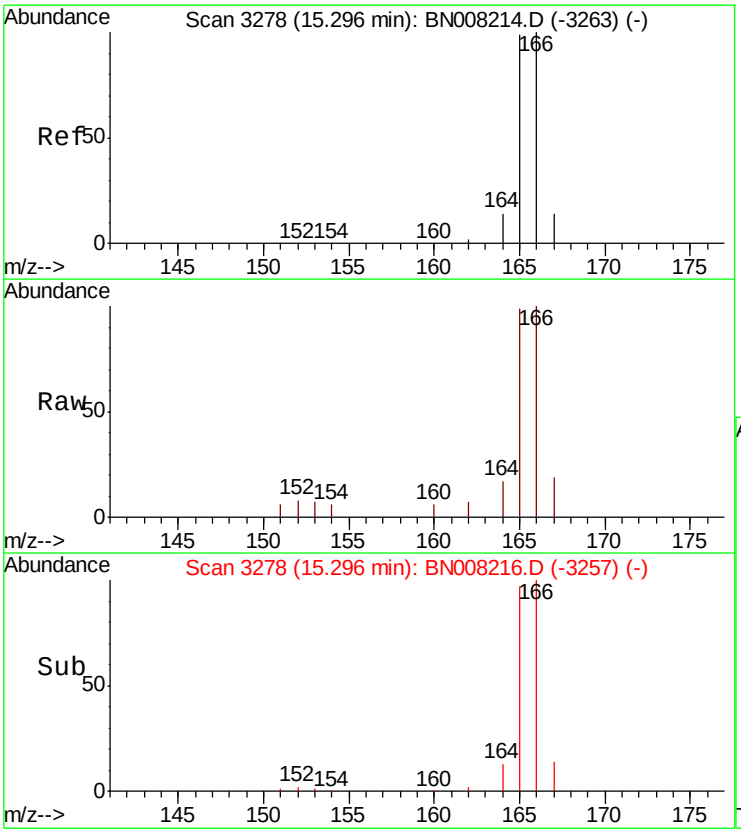
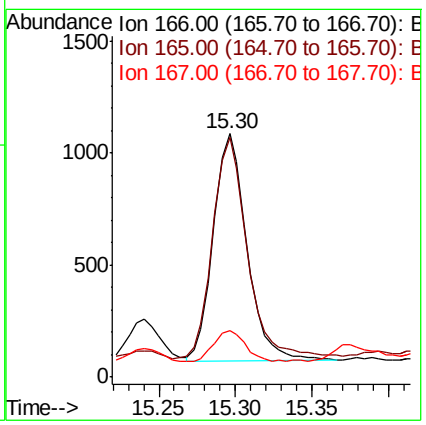


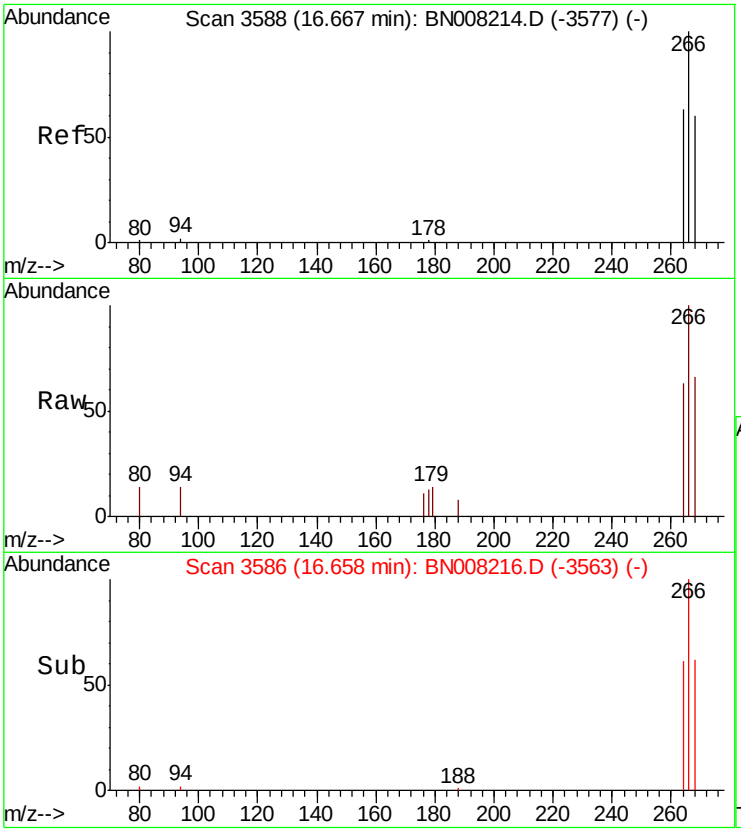


#9
Fluorene
Concen: 0.043 ng/ul
RT: 15.30 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:166 Resp: 1536

Ion	Ratio	Lower	Upper
166	100		
165	98.5	76.6	115.0
167	19.2	11.7	17.5#

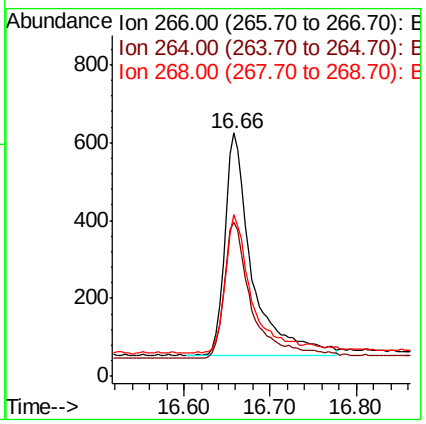




#11
Pentachlorophenol
Concen: 0.241 ng/ul
RT: 16.66 min Scan# 3586
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:266 Resp: 1247

Ion	Ratio	Lower	Upper
266	100		
264	63.3	50.1	75.1
268	63.8	51.9	77.9



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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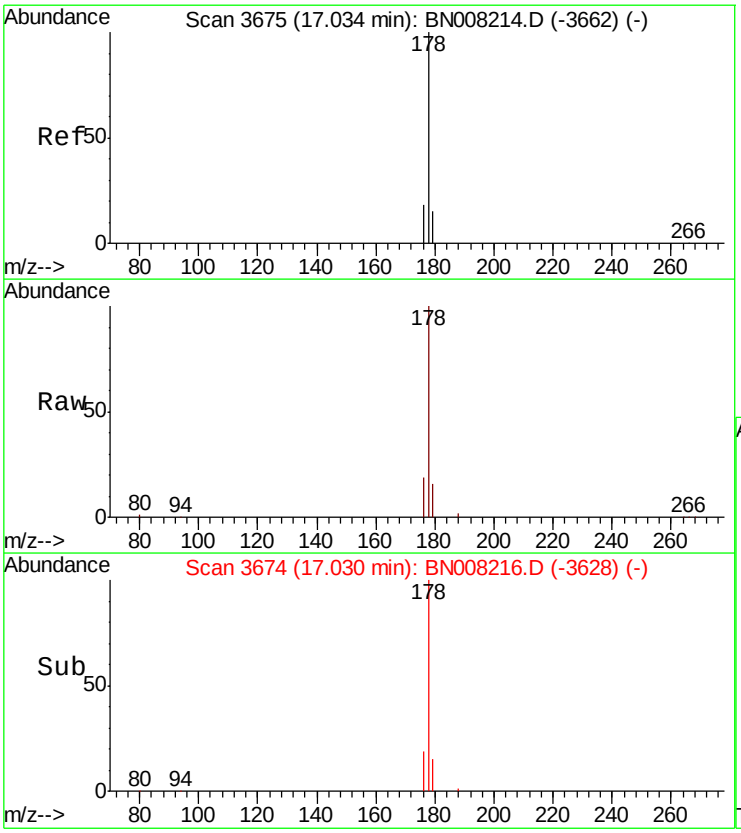
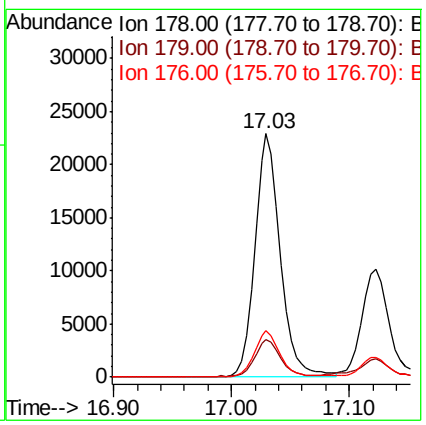
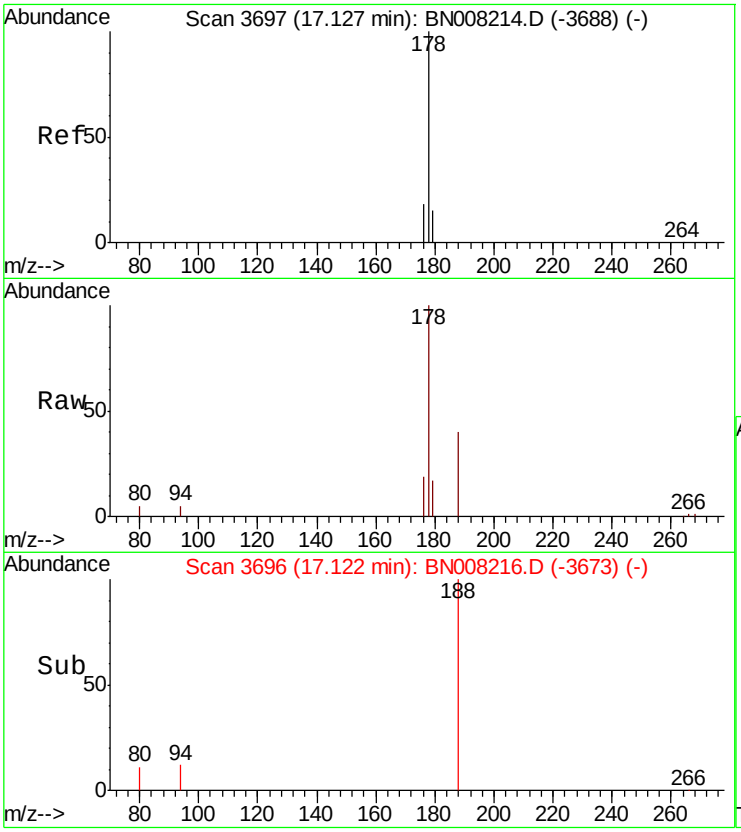


#12
Phenanthrene
Concen: 0.544 ng/ul
RT: 17.03 min Scan# 3674
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:178 Resp: 34123

Ion	Ratio	Lower	Upper
178	100		
179	15.6	12.8	19.2
176	18.9	15.4	23.2

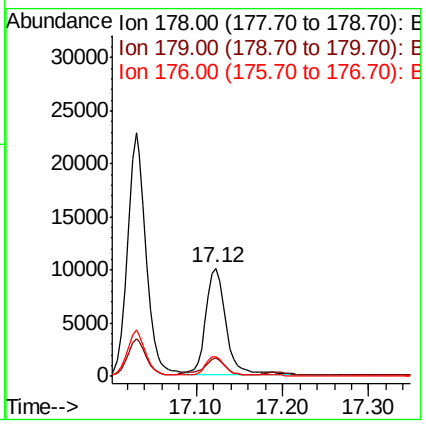




#13
Anthracene
Concen: 0.291 ng/ul
RT: 17.12 min Scan# 3696
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:178 Resp: 16043

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



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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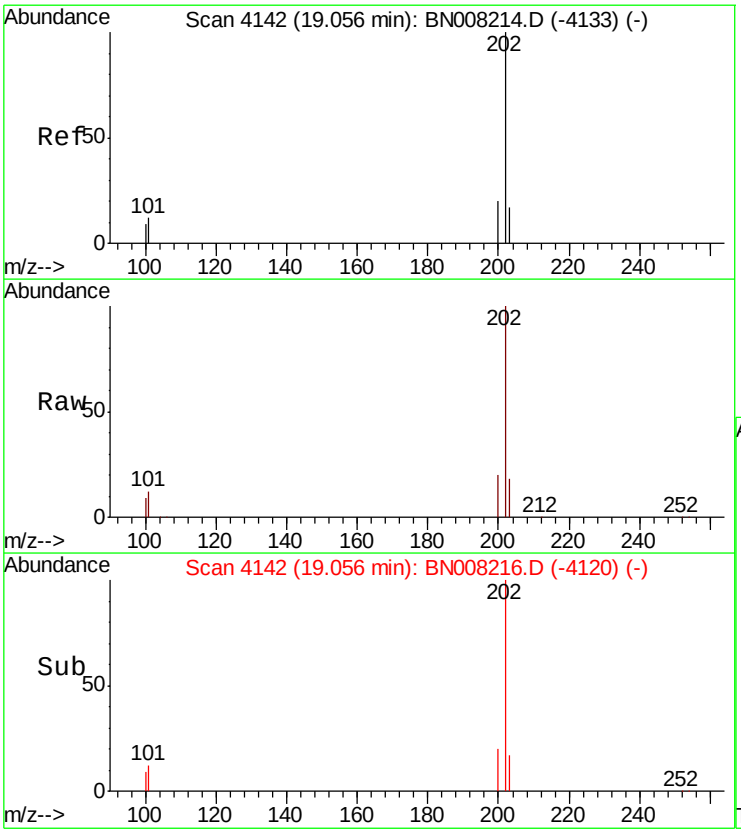
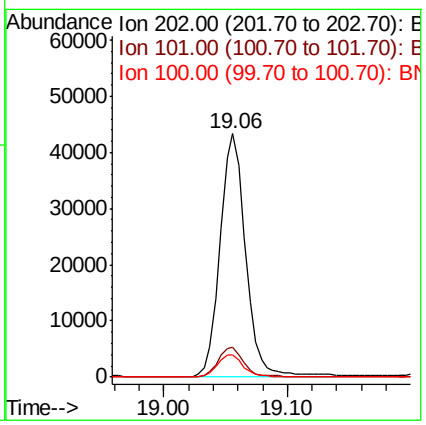
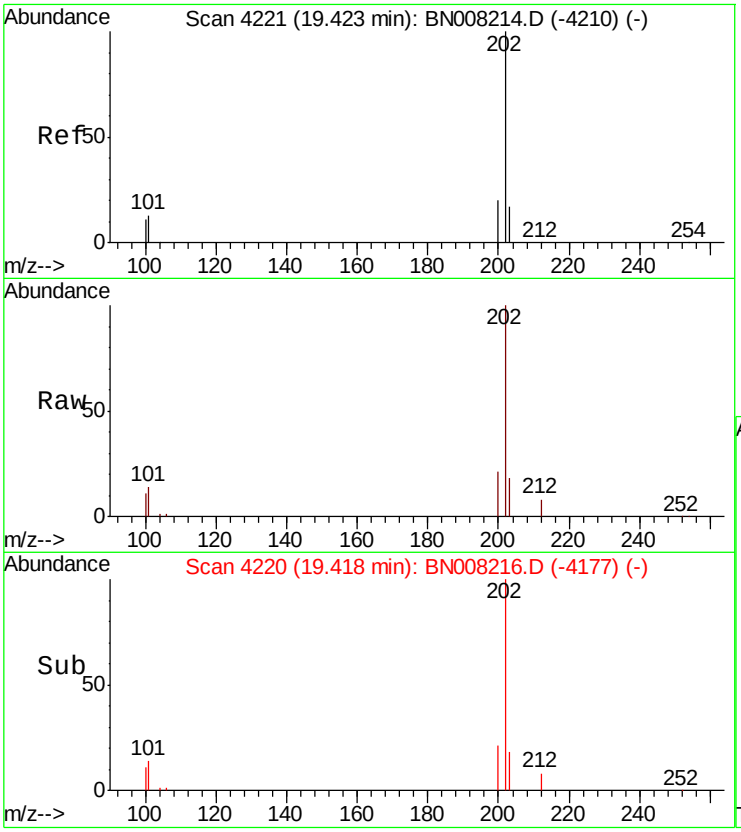


#15
Fluoranthene
Concen: 0.748 ng/ul
RT: 19.06 min Scan# 4142
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:202 Resp: 61976

Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	31.2
100	9.0	0.0	28.5





#17
Pyrene
Concen: 0.781 ng/ul
RT: 19.42 min Scan# 4220
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:202 Resp: 63220

Ion	Ratio	Lower	Upper
202	100		
101	14.1	10.9	16.3
100	11.4	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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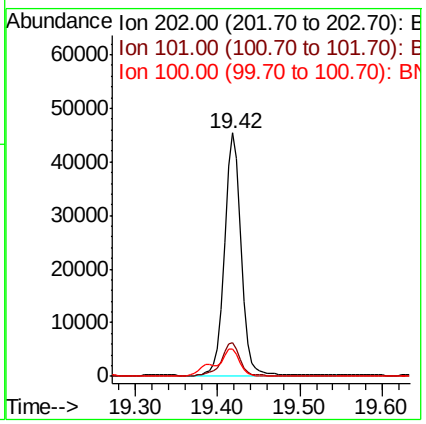
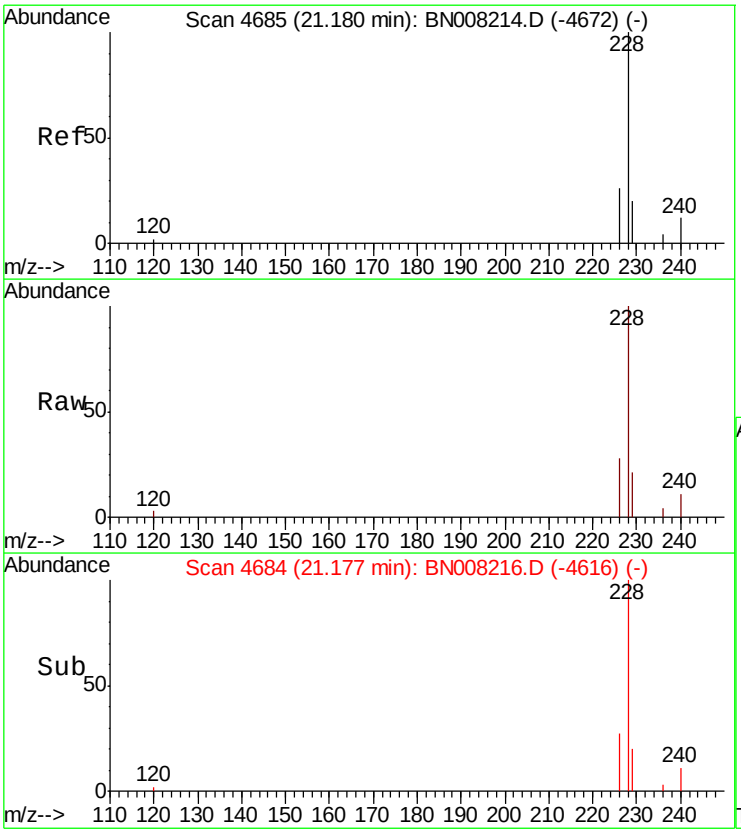
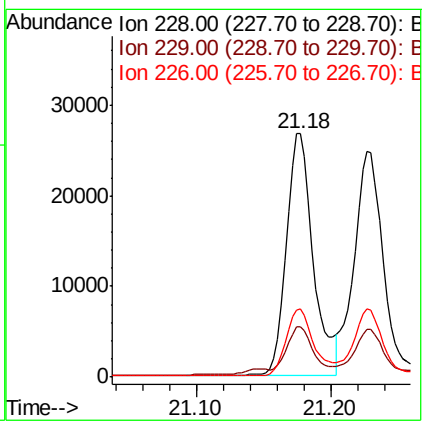


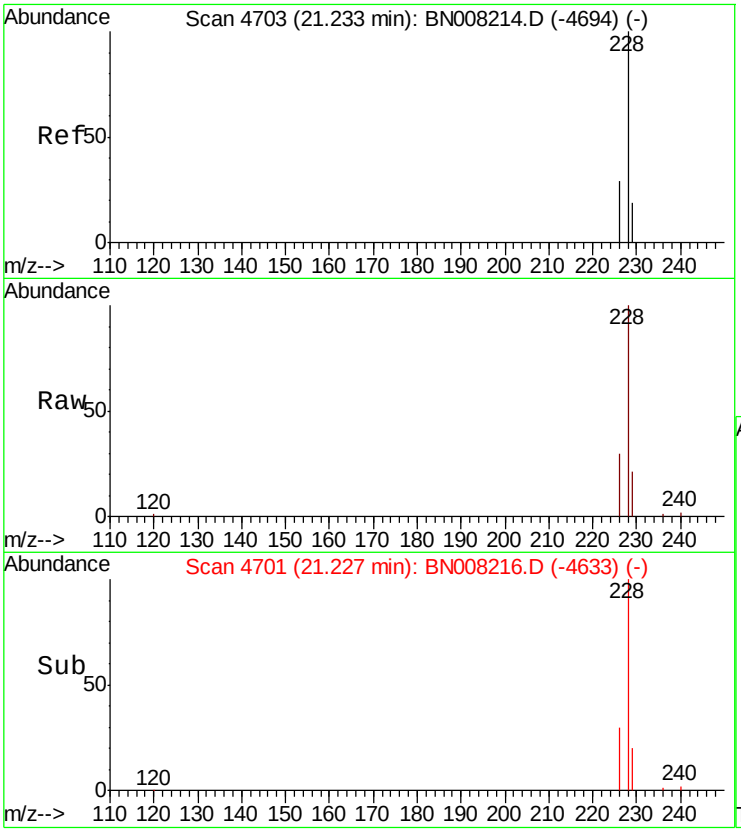


#18
Benzo(a)anthracene
Concen: 0.510 ng/ul
RT: 21.18 min Scan# 4684
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:228 Resp: 37696

Ion	Ratio	Lower	Upper
228	100		
229	20.7	16.2	24.2
226	27.8	21.4	32.0

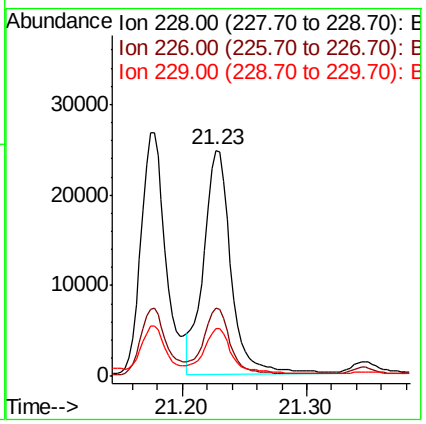




#19
Chrysene
Concen: 0.419 ng/ul
RT: 21.23 min Scan# 4701
Delta R.T. 0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:228 Resp: 37949

Ion	Ratio	Lower	Upper
228	100		
226	30.1	24.1	36.1
229	21.1	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

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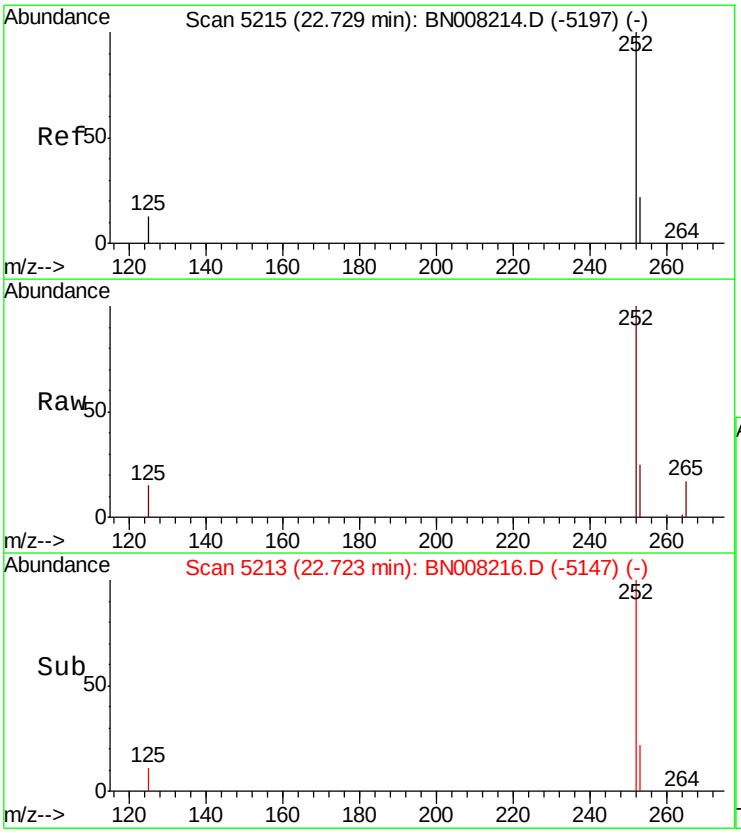
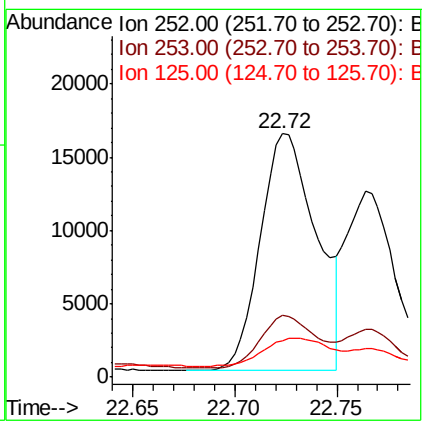
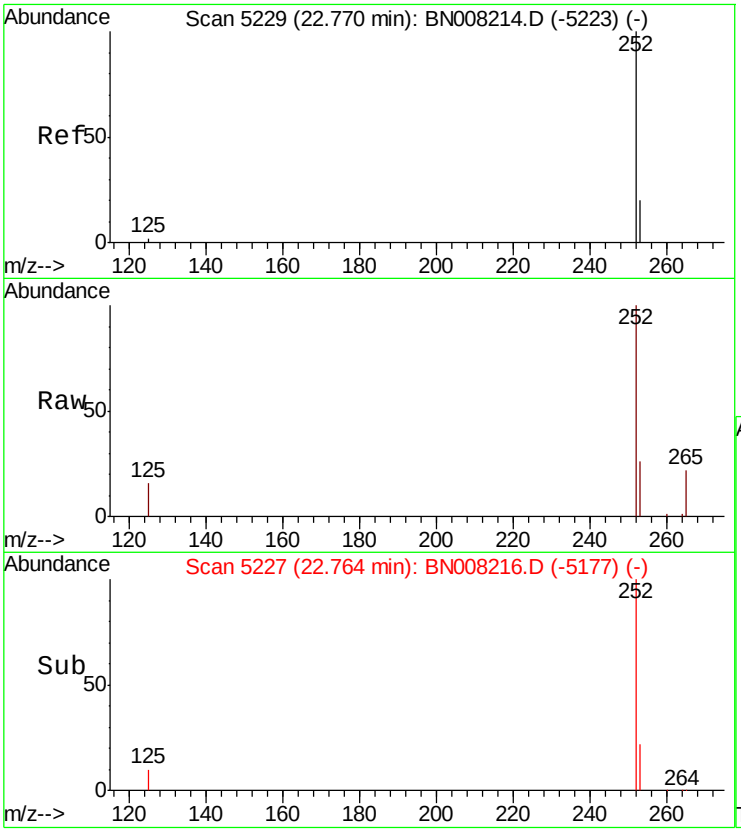


#21
Benzo(b)fluoranthene
Concen: 0.642 ng/ul
RT: 22.72 min Scan# 5213
Delta R.T. -0.01 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:252 Resp: 30925

Ion	Ratio	Lower	Upper
252	100		
253	25.3	0.0	53.4
125	14.9	0.0	32.4





#22
Benzo(k)fluoranthene
Concen: 0.368 ng/ul
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:252 Resp: 20056

Ion	Ratio	Lower	Upper
252	100		
253	25.9	21.3	31.9
125	15.5	12.3	18.5

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
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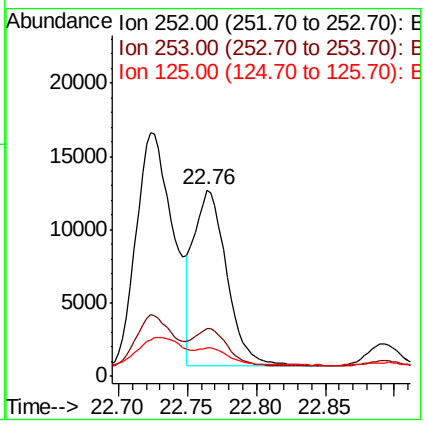
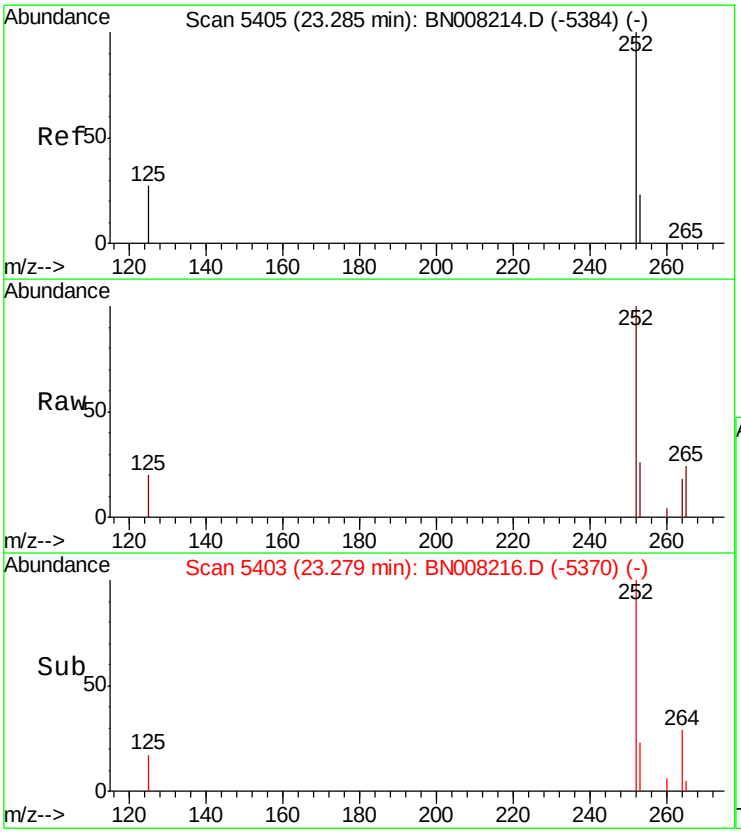
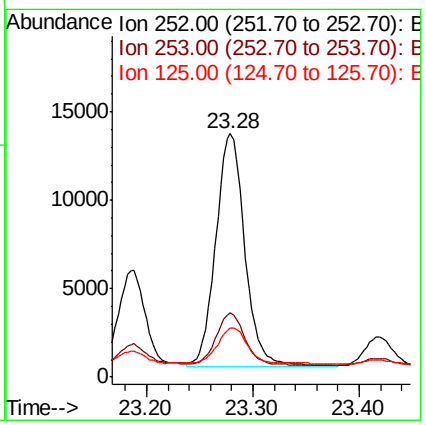


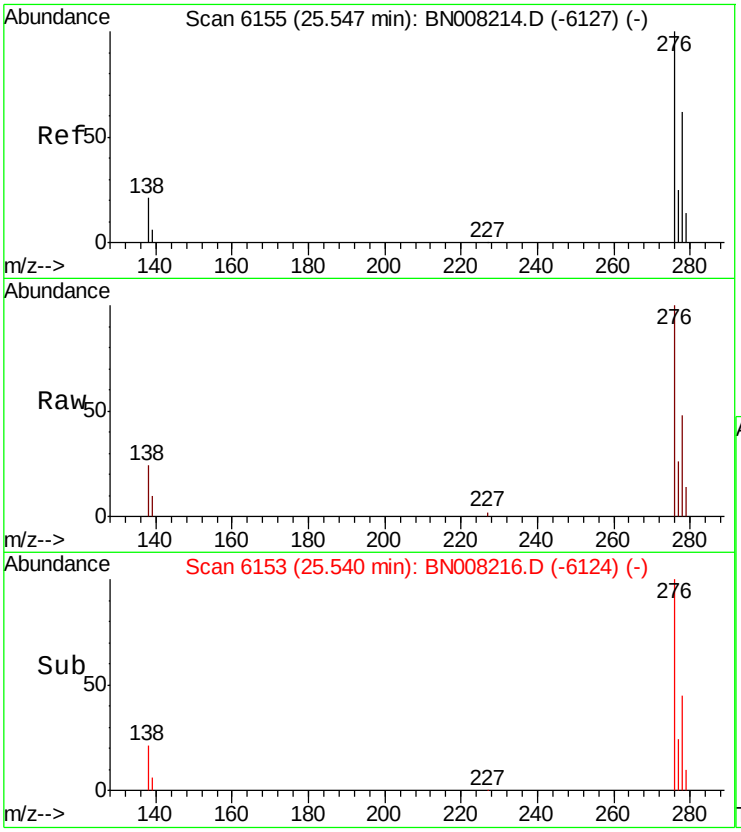


#23
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.28 min Scan# 5403
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:252 Resp: 24743

Ion	Ratio	Lower	Upper
252	100		
253	26.4	22.8	34.2
125	20.3	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.344 ng/ul
RT: 25.54 min Scan# 6153
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:276 Resp: 20514

Ion	Ratio	Lower	Upper
276	100		
138	22.5	16.1	24.1
227	0.1	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
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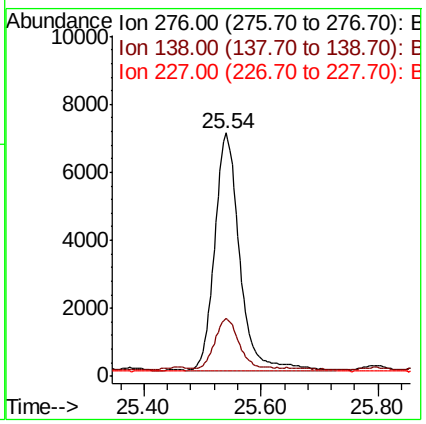
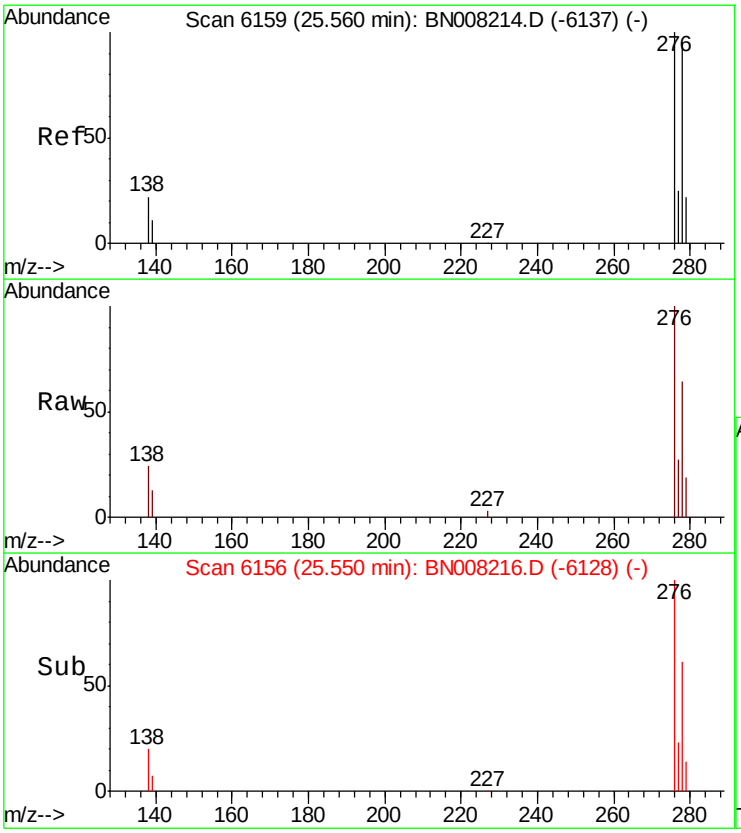
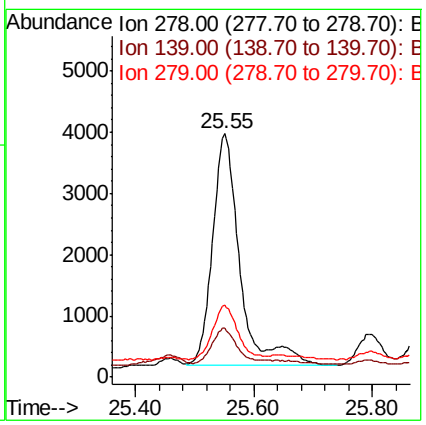


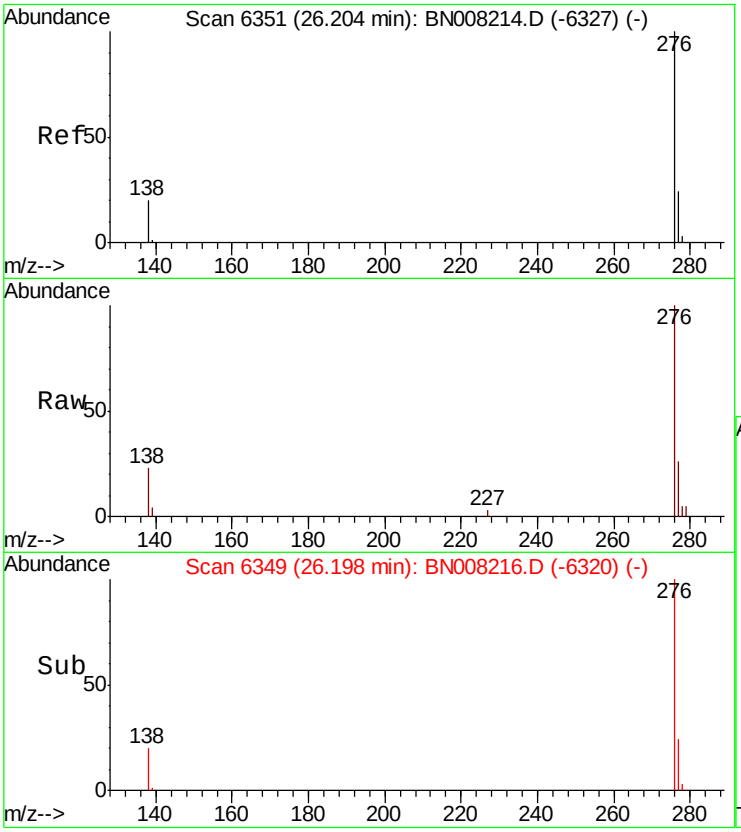


#25
Dibenzo(a,h)anthracene
Concen: 0.259 ng/ul
RT: 25.55 min Scan# 6156
Delta R.T. -0.01 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:278 Resp: 12209

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.6
279	29.6	22.4	33.6

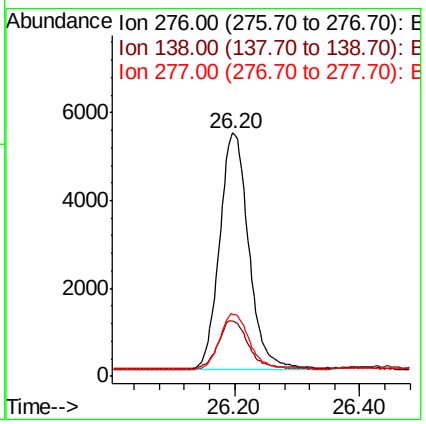




#26
Benzo(g,h,i)perylene
Concen: 0.323 ng/ul
RT: 26.20 min Scan# 6349
Delta R.T. -0.00 min
Lab File: BN008216.D
Acq: 17 Oct 2019 11:23

Tgt Ion:276 Resp: 17652

Ion	Ratio	Lower	Upper
276	100		
138	22.8	17.0	25.4
277	25.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPG3DL

Manual Integrations APPROVED
mohammad
10/20/2019 8:08:02 PM