Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN111819\
Data File : BN008620.D
Acq On : 19 Nov 2019 00:56
Operator : JU
Sample : K5678-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMK6

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:41 PM

Quant Time: Nov 19 03:23:08 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3470	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	12493	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	7372	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.00	188	14534	0.40	ng/ul	0.00
16) Chrysene-d12	21.19	240	11324	0.40	ng/ul	0.00
20) Perylene-d12	23.37	264	11825	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	4405	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.03	212	10072	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	12621	0.335	ng/ul	100
5) 2-Methylnaphthalene	12.06	142	10601	0.403	ng/ul	100
7) Acenaphthylene	13.97	152	3892	0.095	ng/ul#	85
8) Acenaphthene	14.32	153	1192	0.039	ng/ul	95
9) Fluorene	15.31	166	2122	0.060	ng/ul#	63
11) Pentachlorophenol	16.66	266	187	0.034	ng/ul	90
12) Phenanthrene	17.04	178	26230	0.535	ng/ul#	93
13) Anthracene	17.13	178	5735	0.124	ng/ul#	68
15) Fluoranthene	19.06	202	29115	0.483	ng/ul	96
17) Pyrene	19.42	202	33473	0.737	ng/ul	99
18) Benzo(a)anthracene	21.18	228	12005	0.264	ng/ul#	55
19) Chrysene	21.23	228	28746m	0.643	ng/ul	
21) Benzo(b)fluoranthene	22.73	252	28585m	0.586	ng/ul	
22) Benzo(k)fluoranthene	22.76	252	8090m	0.167	ng/ul	
23) Benzo(a)pyrene	23.28	252	16131	0.352	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.53	276	14263	0.266	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.54	278	4385	0.101	ng/ul#	1
26) Benzo(g,h,i)perylene	26.19	276	19701	0.440	ng/ul#	60

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

Quantitation Report (QT Reviewed)

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Misc :
ALS Vial : 26 Sample Multiplier: 1

Quant Time: Nov 19 03:23:08 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 : Tue Nov 19 01:47:58 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
JLMK6

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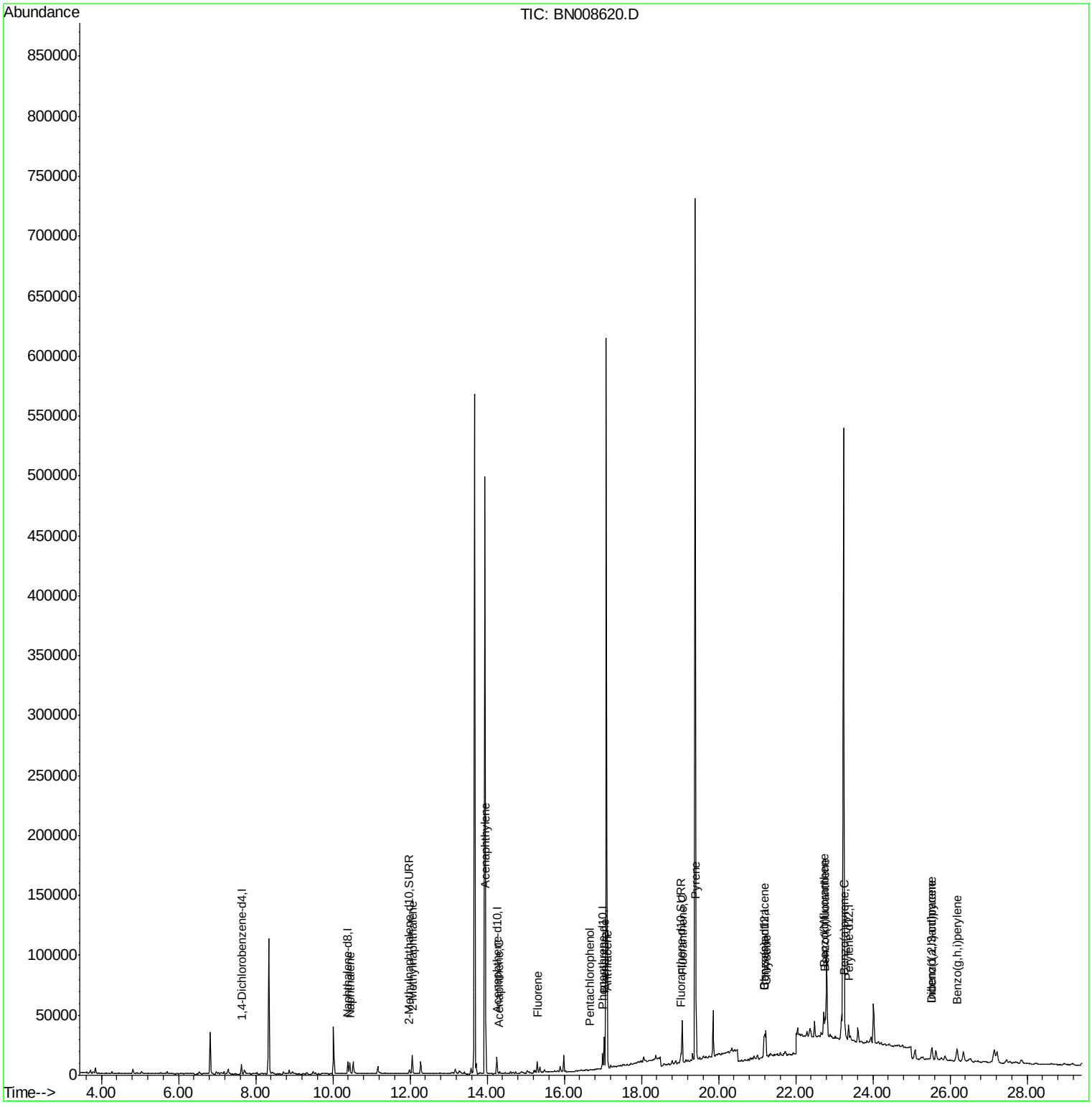

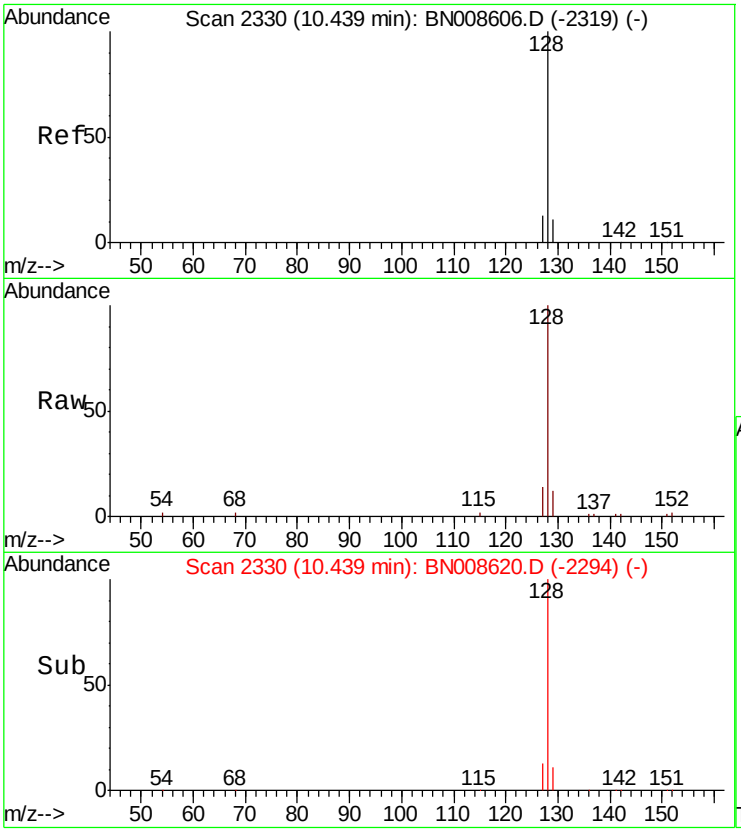

#3
Naphthalene
Concen: 0.335 ng/ul
RT: 10.44 min Scan# 2330
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:128 Resp: 12621

Ion	Ratio	Lower	Upper
128	100		
129	12.1	9.7	14.5
127	13.9	10.8	16.2

Instrument :
BNA_N
ClientSampleId :
JLMK6

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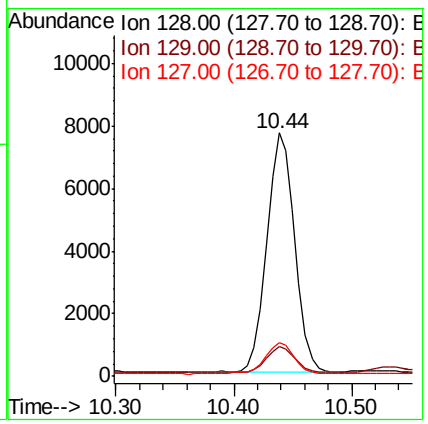
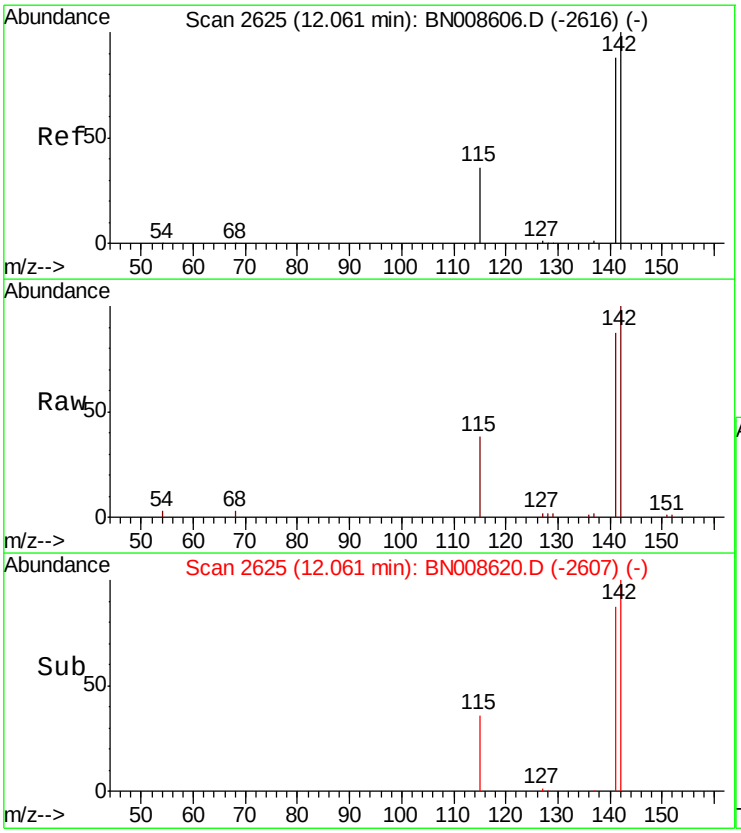
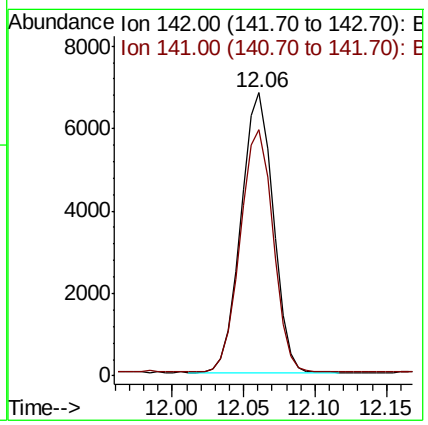


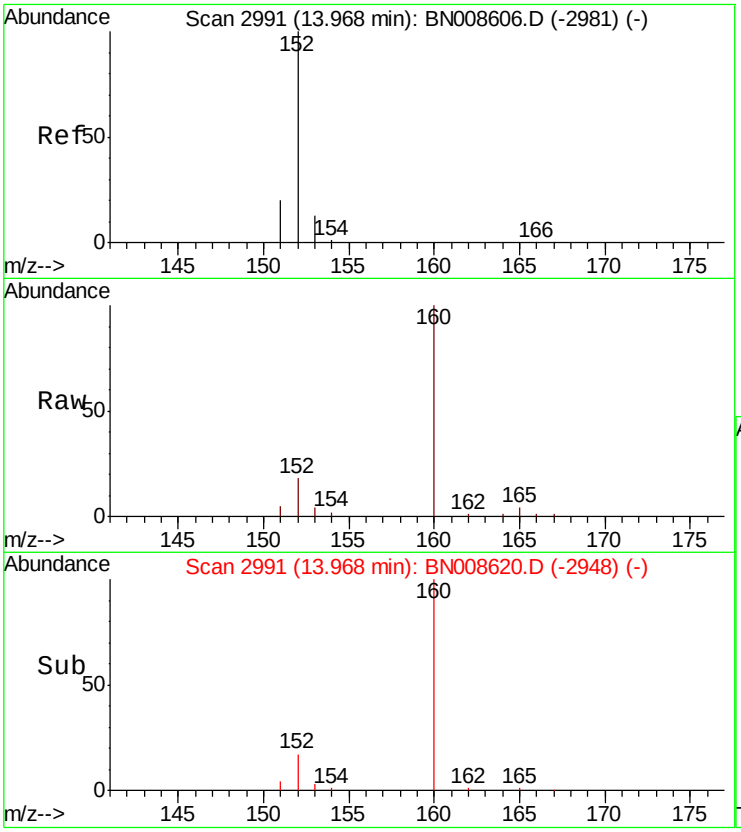


#5
2-Methylnaphthalene
Concen: 0.403 ng/ul
RT: 12.06 min Scan# 2625
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:142 Resp: 10601

Ion	Ratio	Lower	Upper
142	100		
141	87.7	70.5	105.7





#7
Acenaphthylene
Concen: 0.095 ng/ul
RT: 13.97 min Scan# 2991
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:152 Resp: 3892

Ion	Ratio	Lower	Upper
152	100		
151	27.0	16.6	24.8#
153	20.6	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
JLMK6

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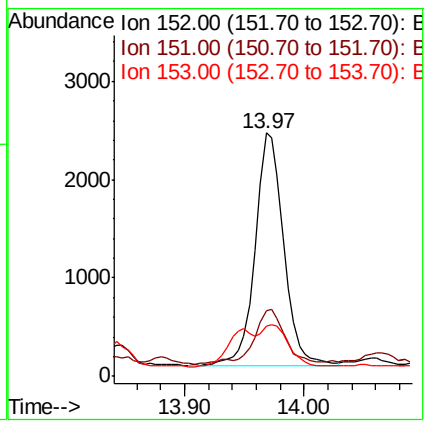
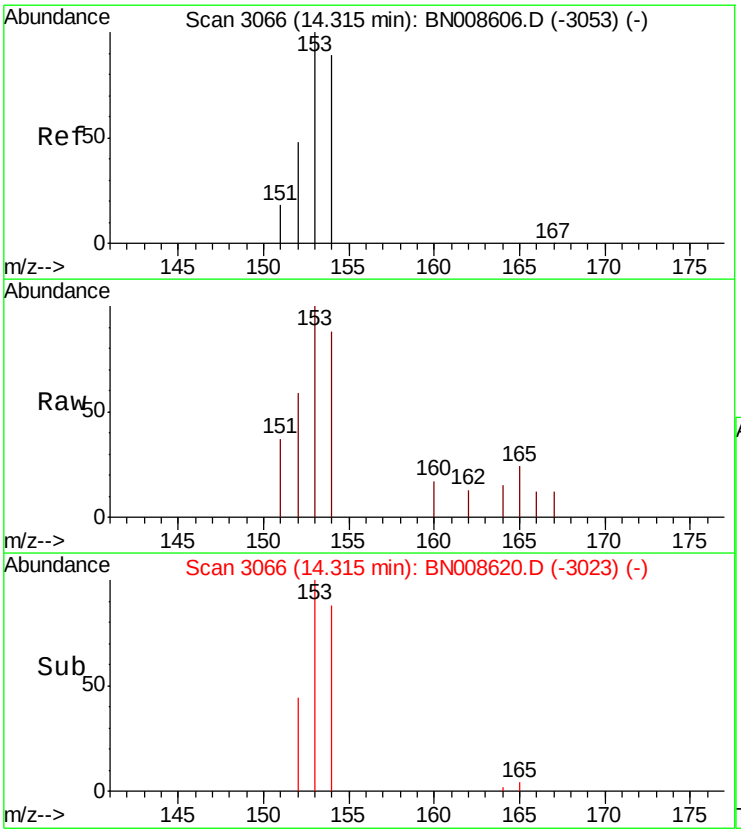
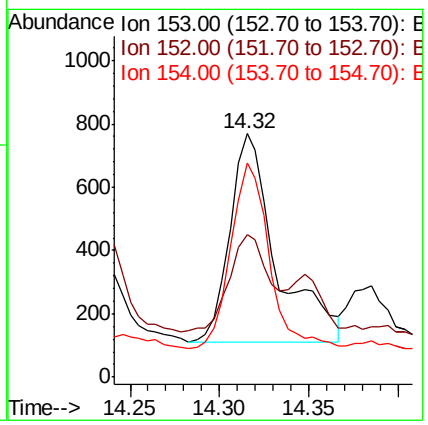


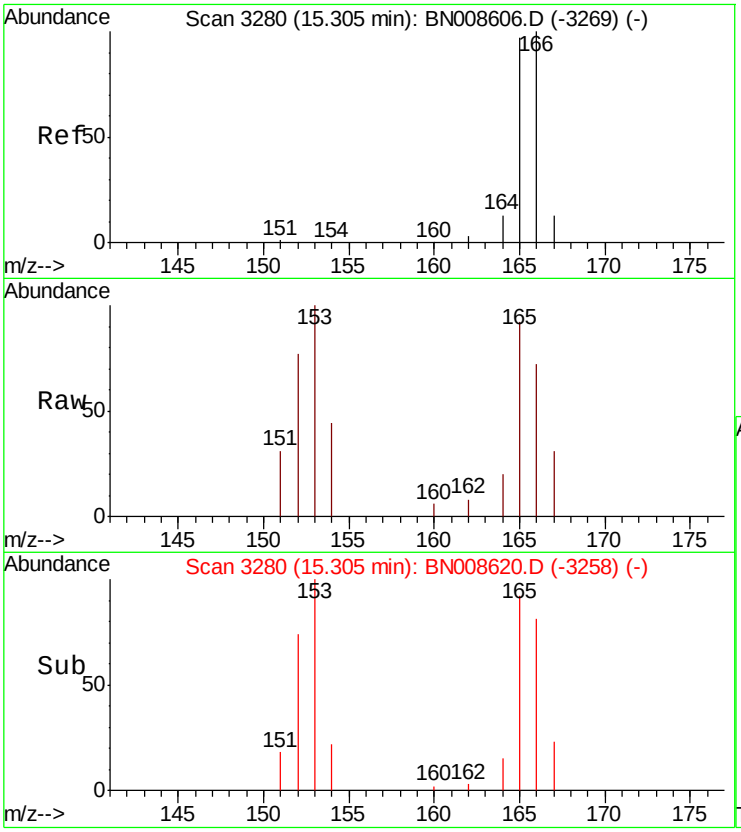


#8
Acenaphthene
Concen: 0.039 ng/ul
RT: 14.32 min Scan# 3066
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:153 Resp: 1192

Ion	Ratio	Lower	Upper
153	100		
152	58.6	39.6	59.4
154	88.0	70.6	106.0





#9
Fluorene
Concen: 0.060 ng/ul
RT: 15.31 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:166 Resp: 2122

Ion	Ratio	Lower	Upper
166	100		
165	128.7	77.4	116.0#
167	42.8	11.4	17.0#

Instrument :
BNA_N
ClientSampleId :
JLMK6

Manual Integrations APPROVED
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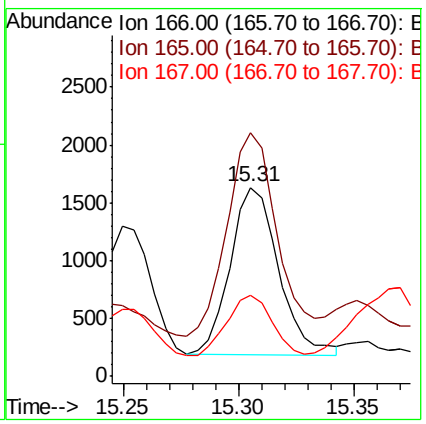
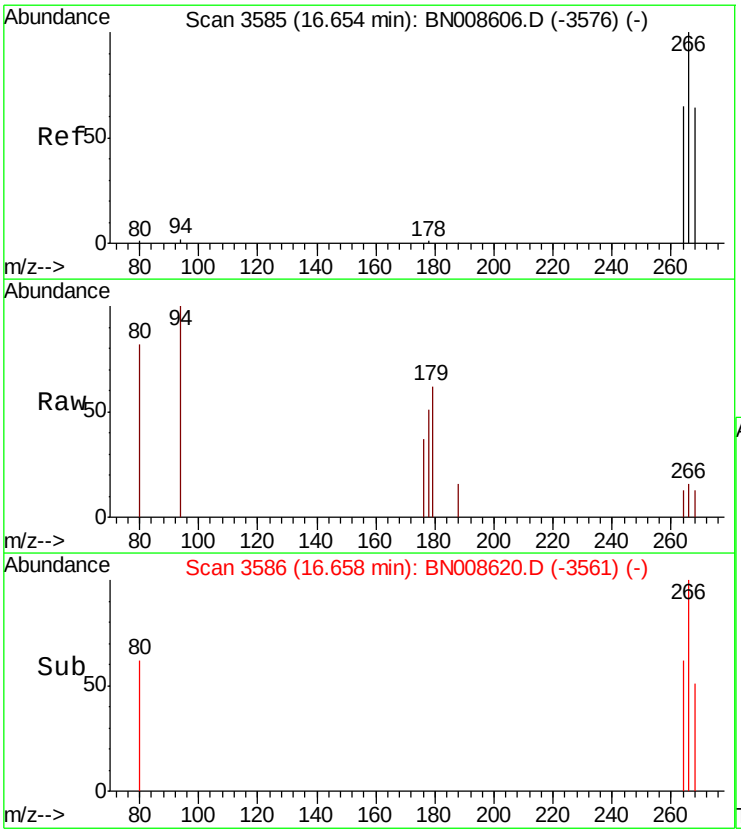
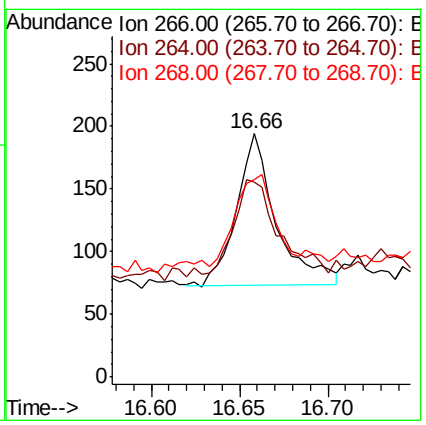


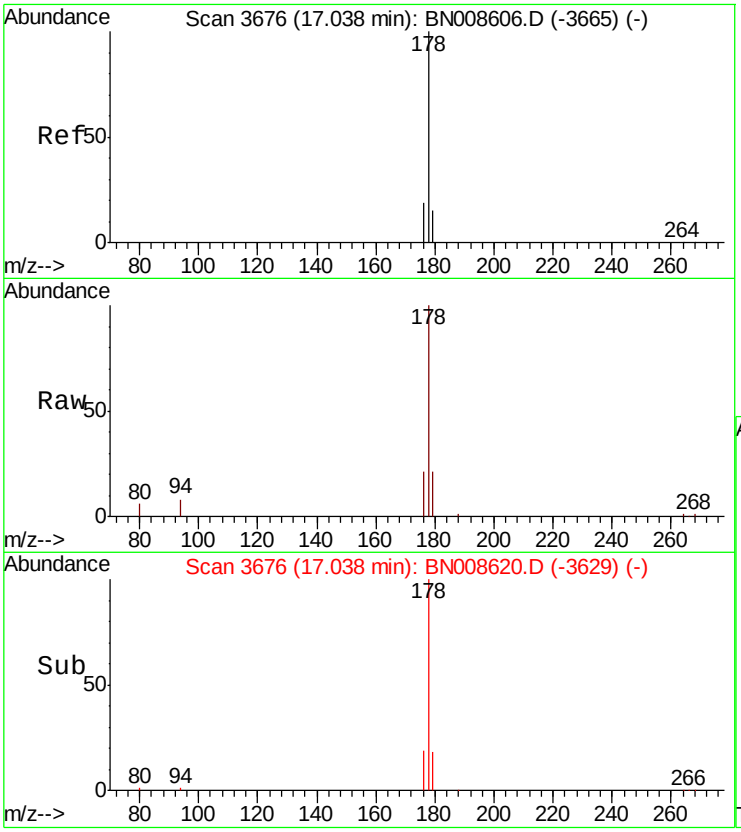


#11
Pentachlorophenol
Concen: 0.034 ng/ul
RT: 16.66 min Scan# 3586
Delta R.T. 0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:266 Resp: 187

Ion	Ratio	Lower	Upper
266	100		
264	72.7	49.2	73.8
268	67.4	50.9	76.3

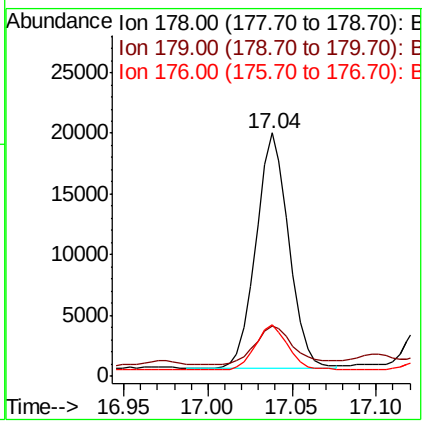




#12
Phenanthrene
Concen: 0.535 ng/ul
RT: 17.04 min Scan# 3676
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:178 Resp: 26230

Ion	Ratio	Lower	Upper
178	100		
179	20.9	12.8	19.2#
176	21.1	16.0	24.0



Instrument :
BNA_N
ClientSampleId :
JLMK6

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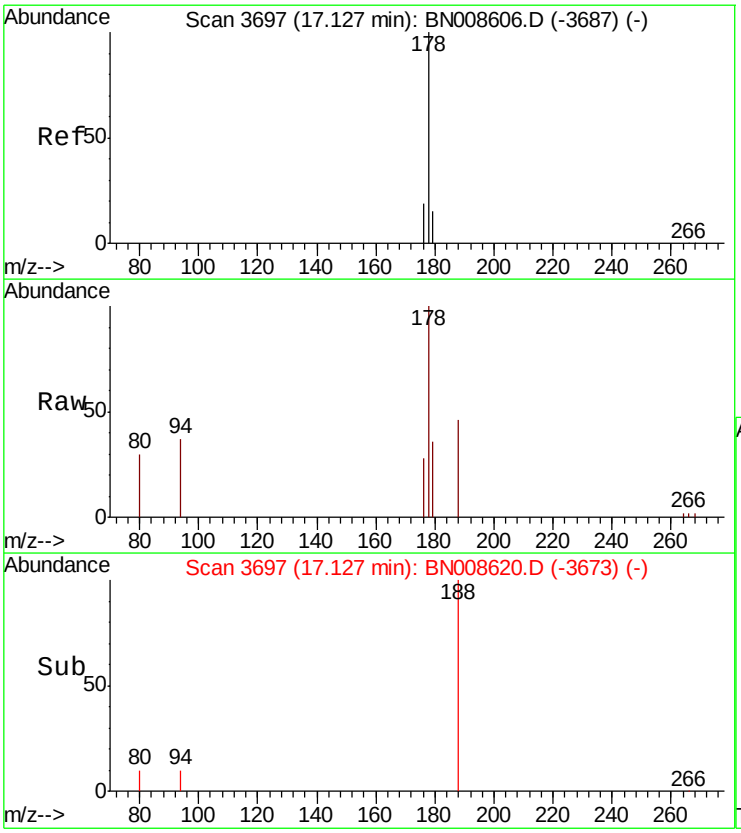
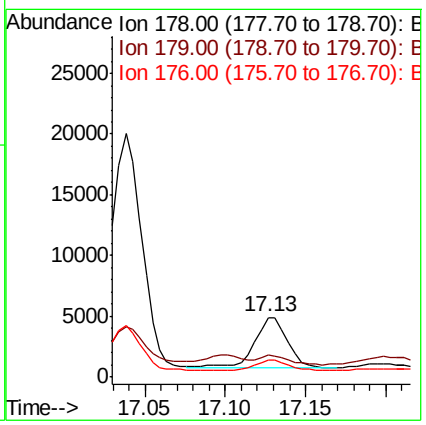
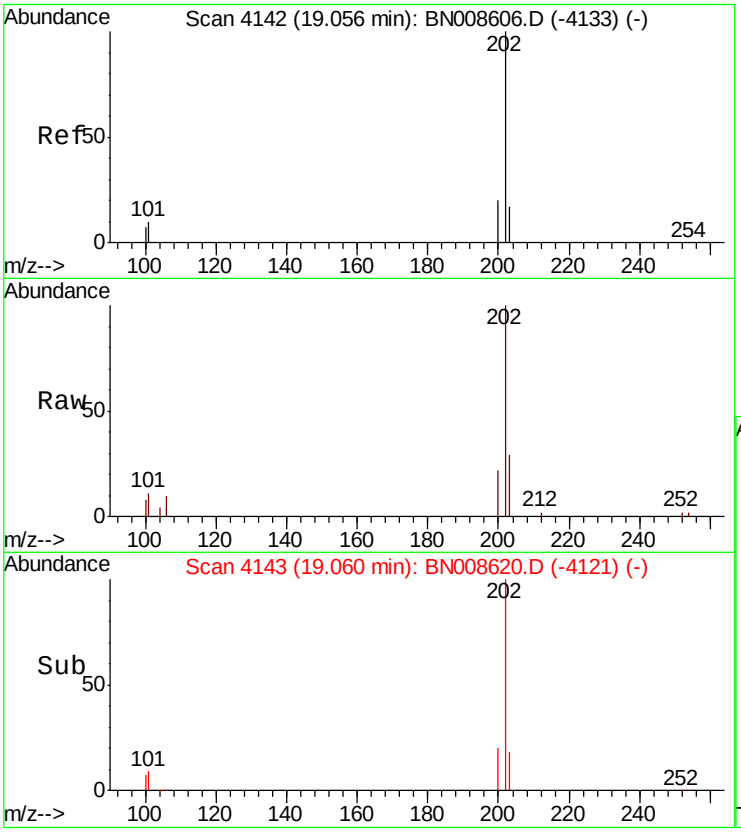


#13
Anthracene
Concen: 0.124 ng/ul
RT: 17.13 min Scan# 3697
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:178 Resp: 5735

Ion	Ratio	Lower	Upper
178	100		
179	36.1	13.0	19.4#
176	28.0	15.3	22.9#

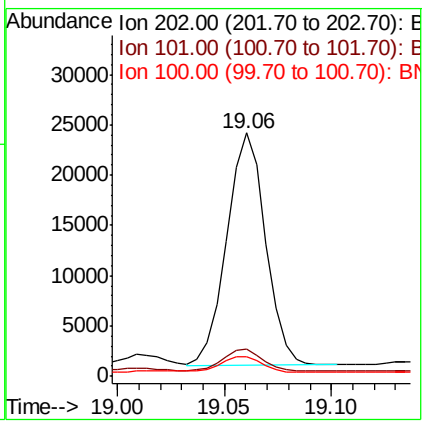




#15
Fluoranthene
Concen: 0.483 ng/ul
RT: 19.06 min Scan# 4143
Delta R.T. 0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:202 Resp: 29115

Ion	Ratio	Lower	Upper
202	100		
101	11.2	0.0	29.6
100	8.1	0.0	27.0



Instrument :
BNA_N
ClientSampleId :
JLMK6

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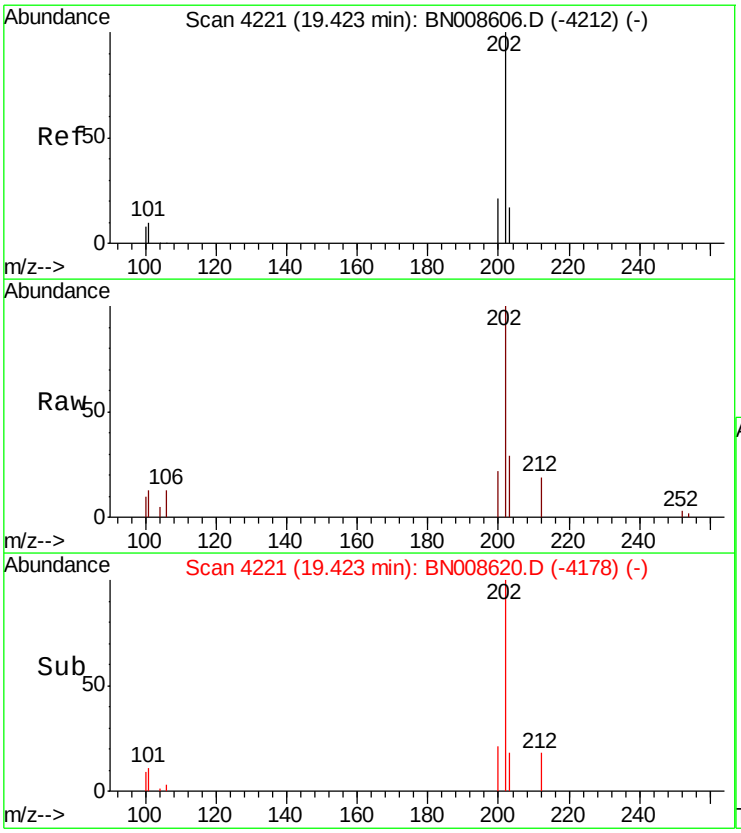
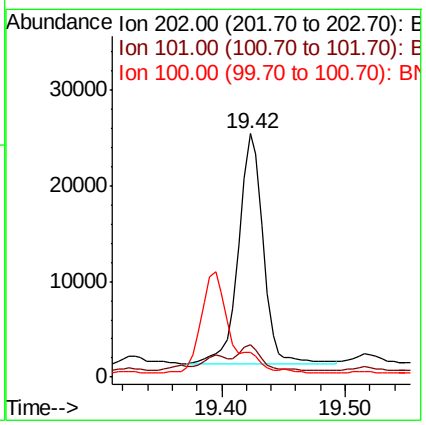
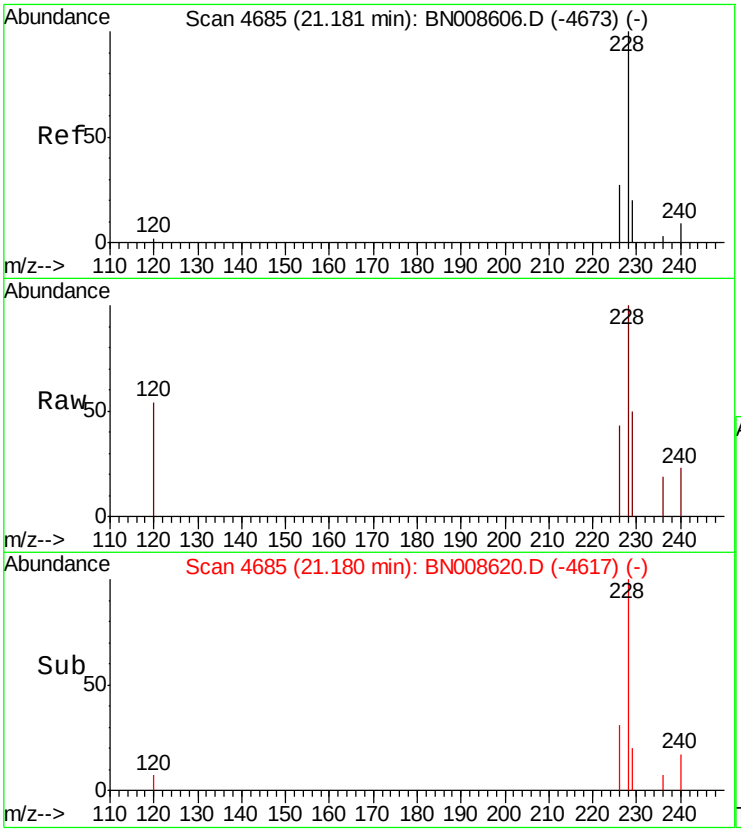


#17
Pyrene
Concen: 0.737 ng/ul
RT: 19.42 min Scan# 4221
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:202 Resp: 33473

Ion	Ratio	Lower	Upper
202	100		
101	13.1	10.2	15.2
100	10.1	8.2	12.2

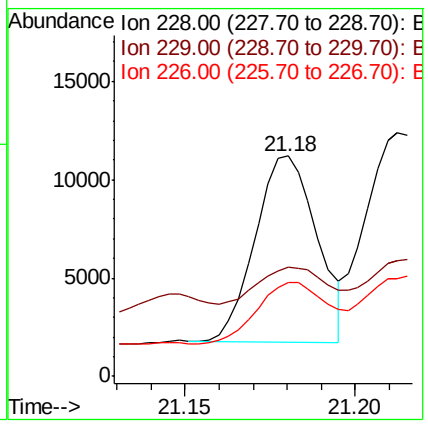




#18
Benzo(a)anthracene
Concen: 0.264 ng/ul
RT: 21.18 min Scan# 4685
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:228 Resp: 12005

Ion	Ratio	Lower	Upper
228	100		
229	49.6	15.8	23.6#
226	42.8	21.6	32.4#



Instrument :
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ClientSampleId :
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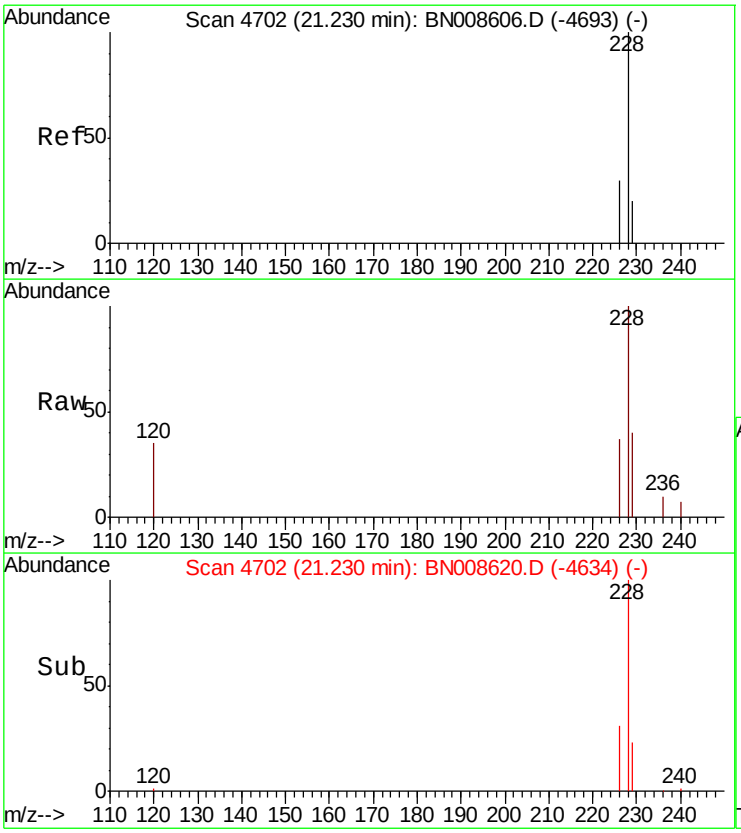
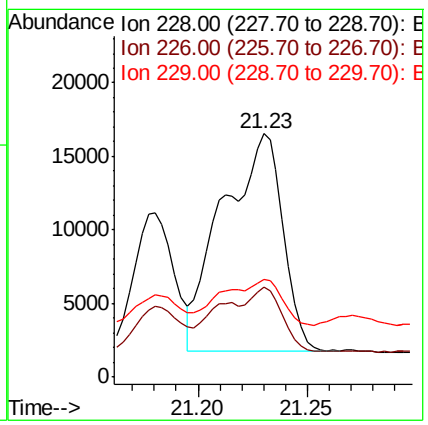
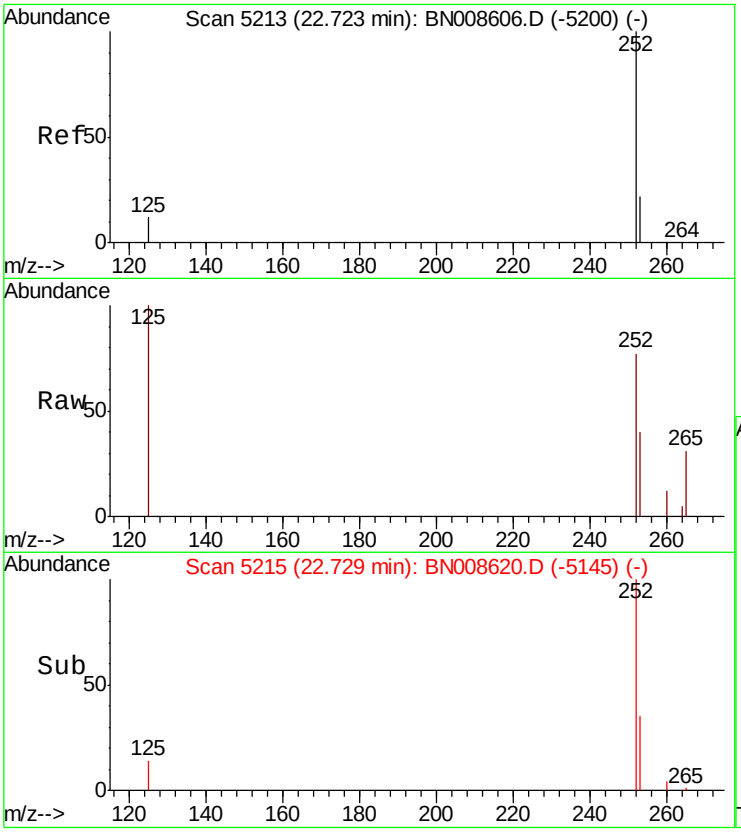


#19
Chrysene
Concen: 0.643 ng/ul m
RT: 21.23 min Scan# 4702
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:228 Resp: 28746

Ion	Ratio	Lower	Upper
228	100		
226	36.9	24.5	36.7#
229	39.9	15.5	23.3#

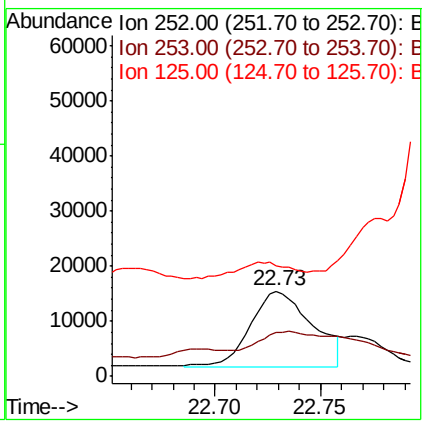




#21
Benzo(b)fluoranthene
Concen: 0.586 ng/ul m
RT: 22.73 min Scan# 5215
Delta R.T. 0.01 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:252 Resp: 28585

Ion	Ratio	Lower	Upper
252	100		
253	51.7	0.0	50.2#
125	129.7	0.0	30.0#



Instrument :
BNA_N
ClientSampleId :
JLMK6

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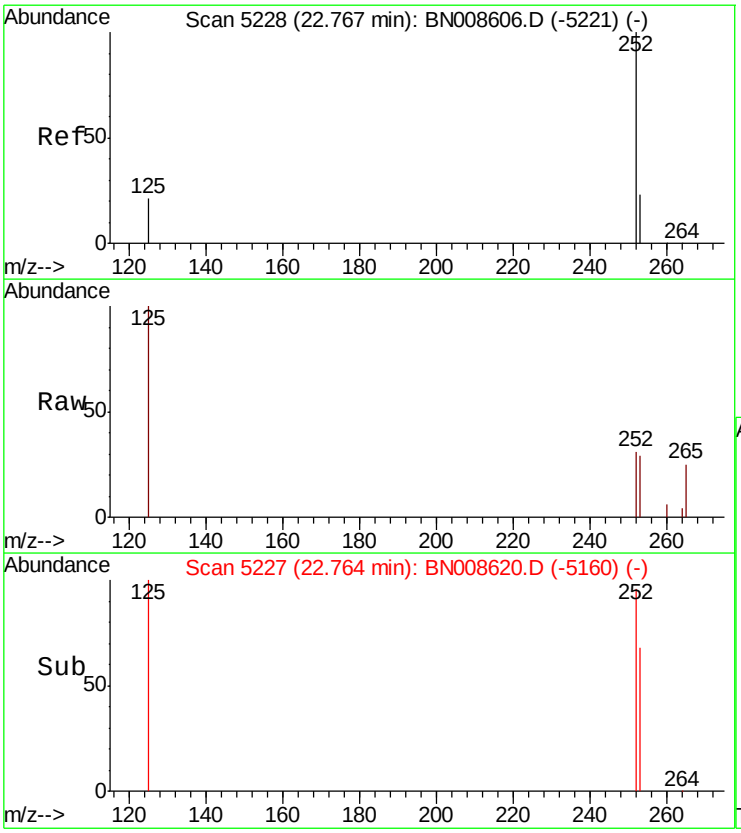
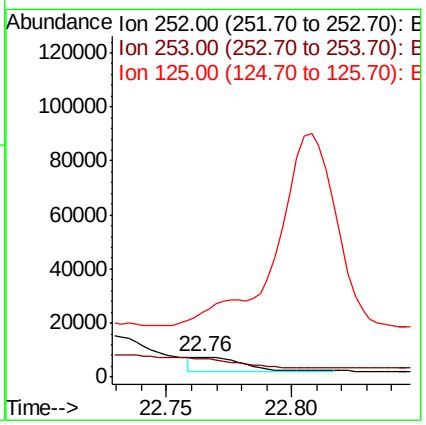
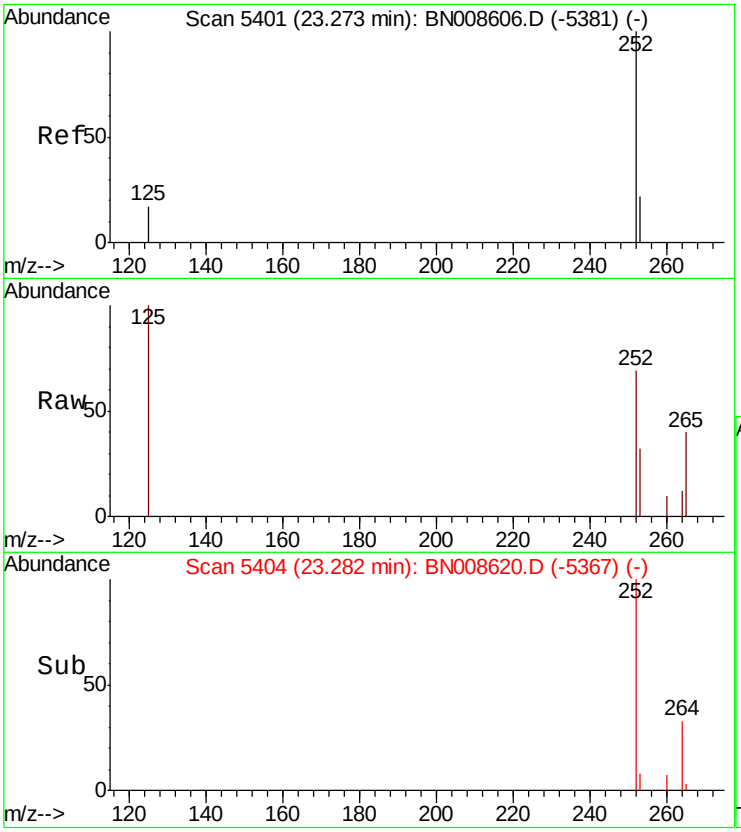


#22
Benzo(k)fluoranthene
Concen: 0.167 ng/ul m
RT: 22.76 min Scan# 5227
Delta R.T. -0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:252 Resp: 8090

Ion	Ratio	Lower	Upper
252	100		
253	92.7	20.5	30.7#
125	321.8	15.0	22.4#





#23
Benzo(a)pyrene
Concen: 0.352 ng/ul
RT: 23.28 min Scan# 5404
Delta R.T. 0.01 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:252 Resp: 16131

Ion	Ratio	Lower	Upper
252	100		
253	46.2	21.4	32.2#
125	145.5	13.8	20.8#

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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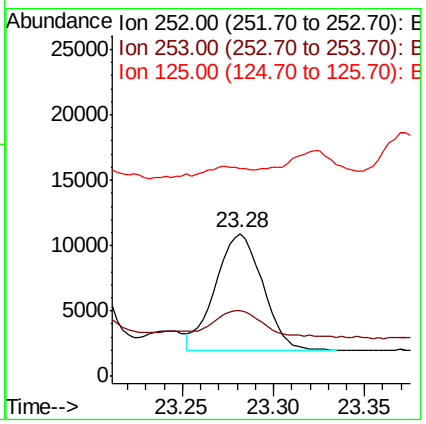
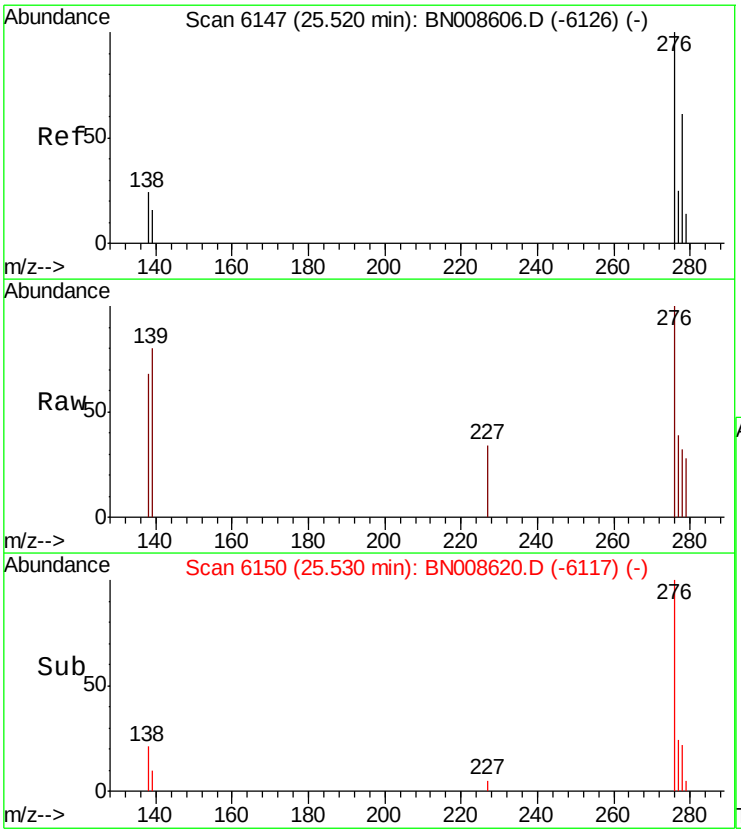
11/19/2019 2:45:41 PM

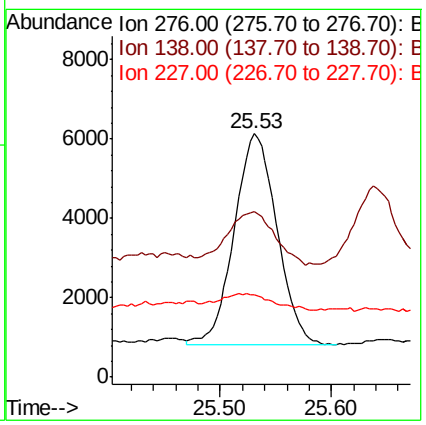


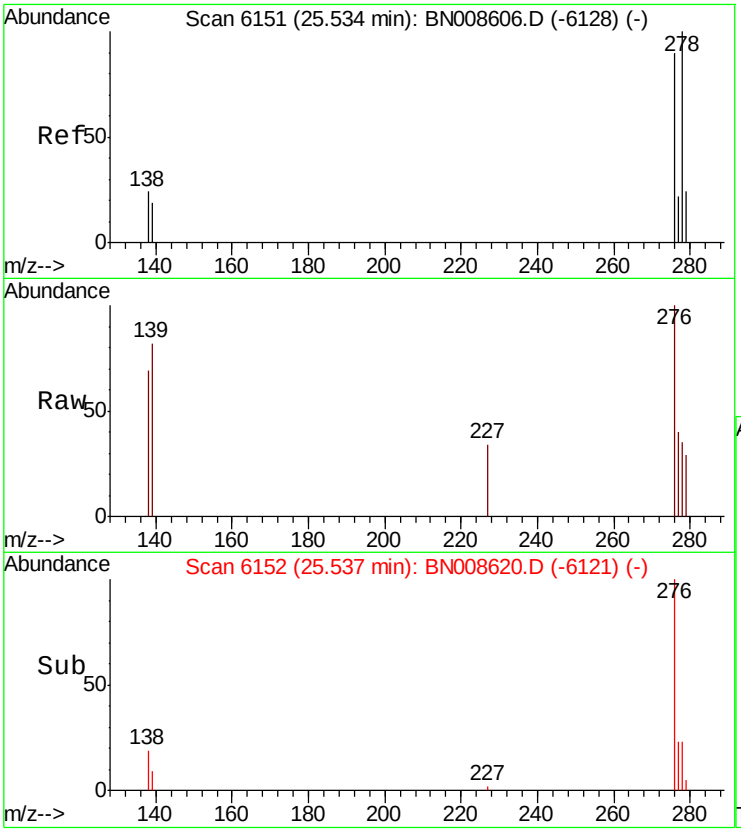


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.266 ng/ul
RT: 25.53 min Scan# 6150
Delta R.T. 0.01 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:276 Resp: 14263

Ion	Ratio	Lower	Upper
276	100		
138	28.8	21.7	32.5
227	10.1	0.2	0.2#





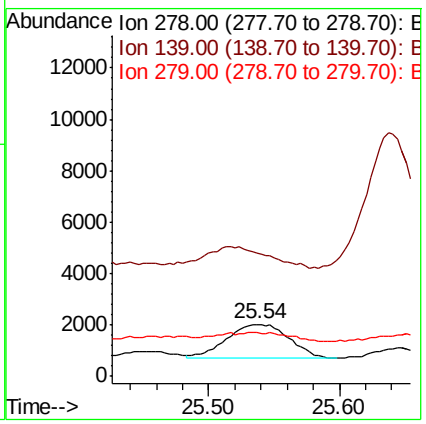
#25
Dibenzo(a,h)anthracene
Concen: 0.101 ng/ul
RT: 25.54 min Scan# 6152
Delta R.T. 0.00 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

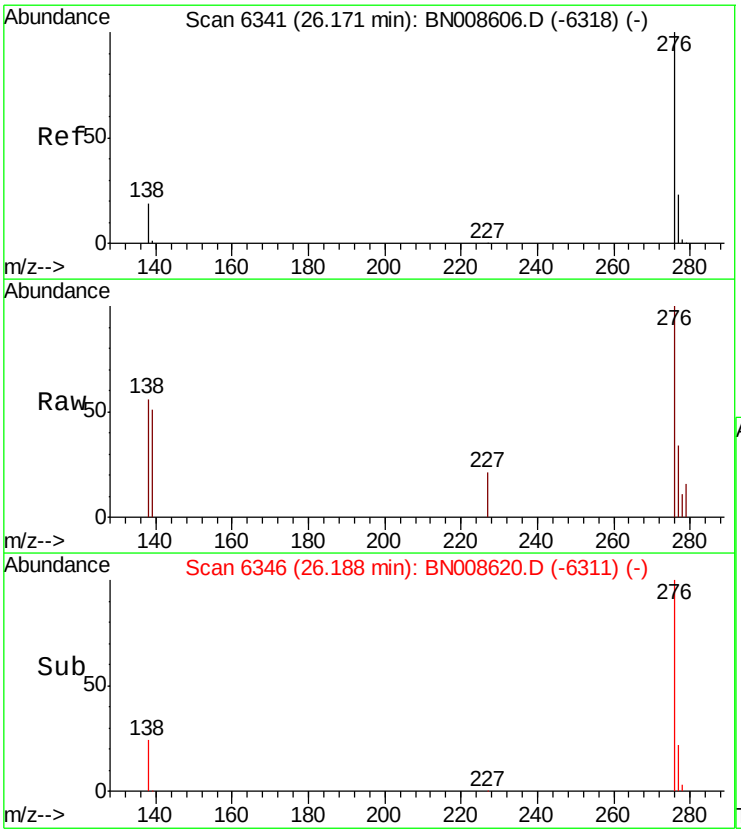
Tgt Ion:278 Resp: 4385

Ion	Ratio	Lower	Upper
278	100		
139	237.4	18.7	28.1#
279	84.9	20.8	31.2#

Instrument :
BNA_N
ClientSampleId :
JLMK6

Manual Integrations APPROVED
mohammad
11/19/2019 2:45:41 PM





#26
Benzo(g,h,i)perylene
Concen: 0.440 ng/ul
RT: 26.19 min Scan# 6346
Delta R.T. 0.02 min
Lab File: BN008620.D
Acq: 19 Nov 2019 00:56

Tgt Ion:276 Resp: 19701

Ion	Ratio	Lower	Upper
276	100		
138	55.7	20.0	30.0#
277	34.2	20.0	30.0#