Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008068.D
Acq On : 11 Oct 2019 09:34
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:11 AM

Quant Time: Oct 11 19:05:51 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 10 16:11:31 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2197	0.40	ng/ul	0.00
2) Naphthalene-d8	10.40	136	10067	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	6599	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	15038m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	15050m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	15414m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3897	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	12112m	0.23	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.45	128	1619	0.056	ng/ul#	85
5) 2-Methylnaphthalene	12.07	142	1395	0.071	ng/ul	100
7) Acenaphthylene	13.98	152	787	0.025	ng/ul#	78
8) Acenaphthene	14.33	153	594	0.024	ng/ul	95
9) Fluorene	15.32	166	756	0.027	ng/ul#	93
12) Phenanthrene	17.06	178	2460m	0.056	ng/ul	
13) Anthracene	17.14	178	1069m	0.028	ng/ul	
15) Fluoranthene	19.08	202	1593m	0.027	ng/ul	
17) Pyrene	19.44	202	1501	0.025	ng/ul#	75
18) Benzo(a)anthracene	21.20	228	1421	0.026	ng/ul#	80
19) Chrysene	21.25	228	1798	0.027	ng/ul#	85
21) Benzo(b)fluoranthene	22.75	252	1618	0.032	ng/ul#	1
22) Benzo(k)fluoranthene	22.79	252	1539m	0.027	ng/ul	
23) Benzo(a)pyrene	23.31	252	1706m	0.032	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.59	276	1399m	0.022	ng/ul	
25) Dibenzo(a,h)anthracene	25.60	278	985m	0.020	ng/ul	
26) Benzo(g,h,i)perylene	26.24	276	1328m	0.023	ng/ul	

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008068.D
Acq On : 11 Oct 2019 09:34
Operator : JU
Sample : K5050-01
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 11 19:05:51 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 10 16:11:31 2019
Response via : Initial Calibration

Instrument :
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ClientSampleId :
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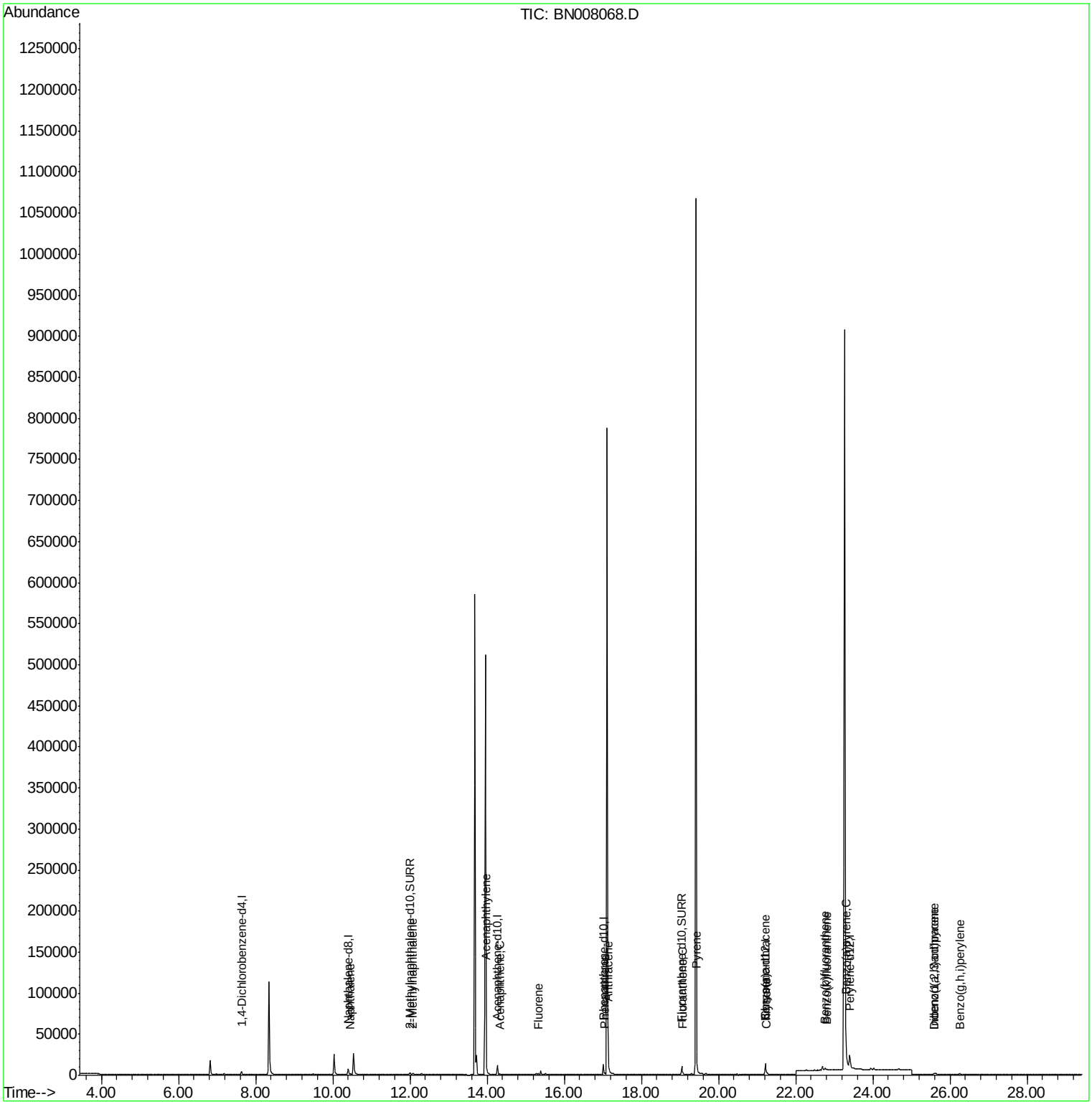

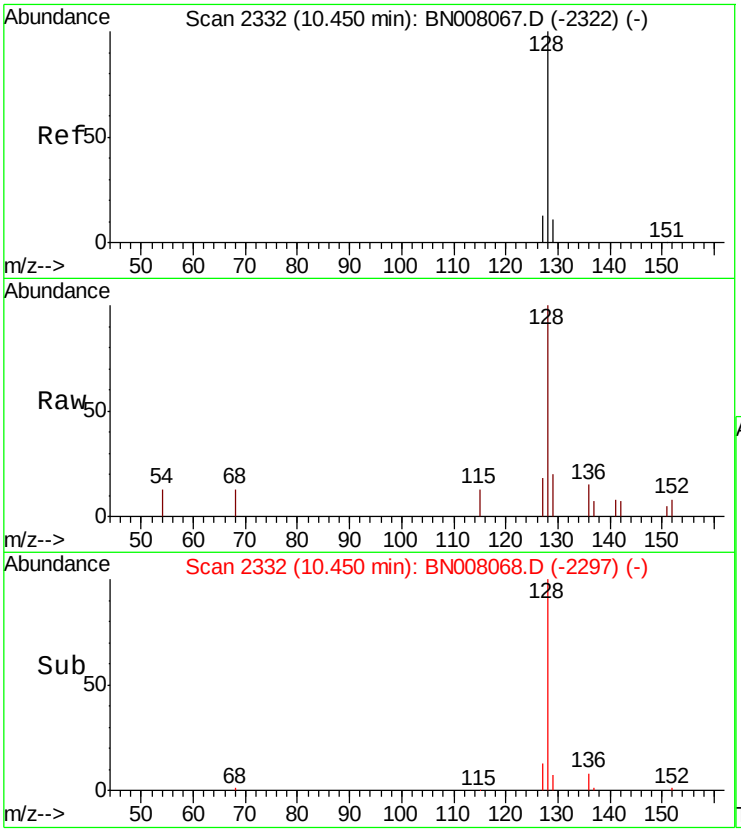

#3
Naphthalene
Concen: 0.056 ng/ul
RT: 10.45 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:128 Resp: 1619

Ion	Ratio	Lower	Upper
128	100		
129	19.9	9.8	14.8#
127	18.0	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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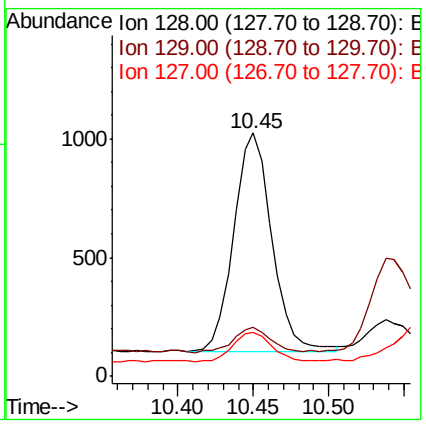
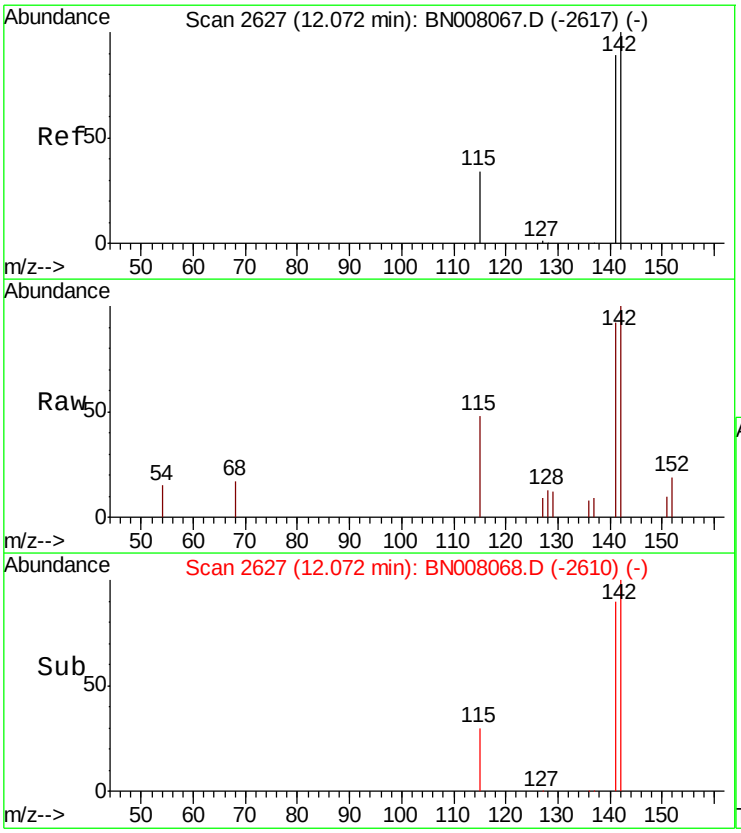
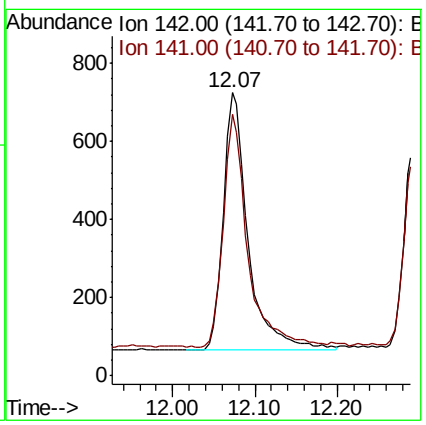


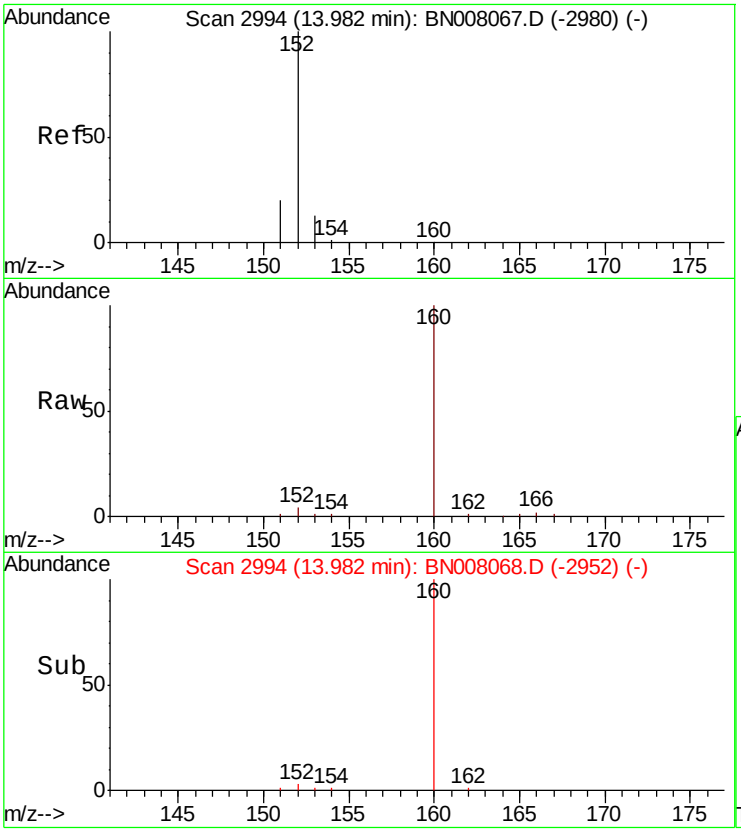


#5
2-Methylnaphthalene
Concen: 0.071 ng/ul
RT: 12.07 min Scan# 2627
Delta R.T. -0.01 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:142 Resp: 1395

Ion	Ratio	Lower	Upper
142	100		
141	88.9	71.4	107.2





#7
Acenaphthylene
Concen: 0.025 ng/ul
RT: 13.98 min Scan# 2994
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:152 Resp: 787

Ion	Ratio	Lower	Upper
152	100		
151	28.5	16.2	24.4#
153	25.6	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
JLMB4

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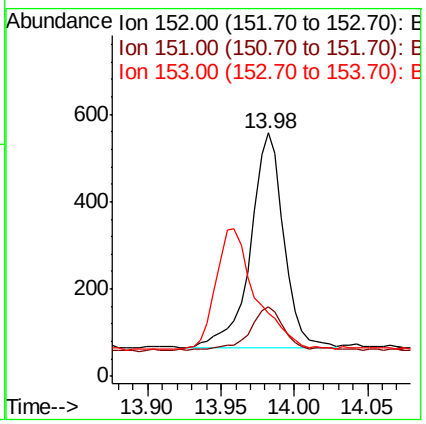
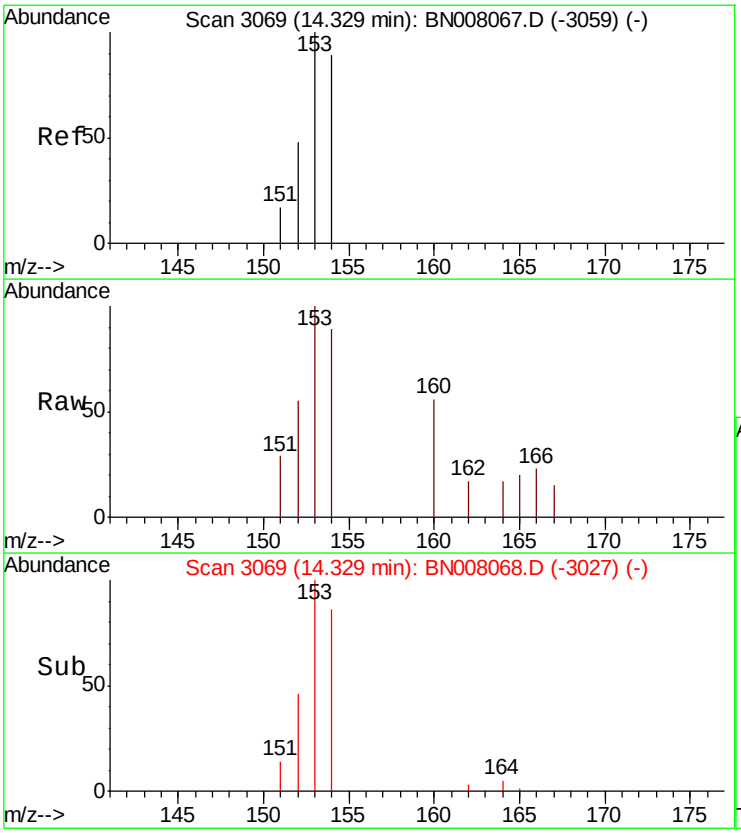
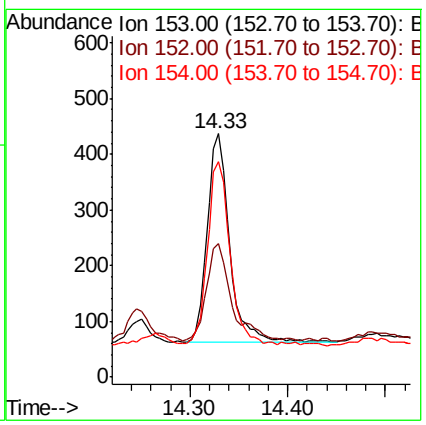


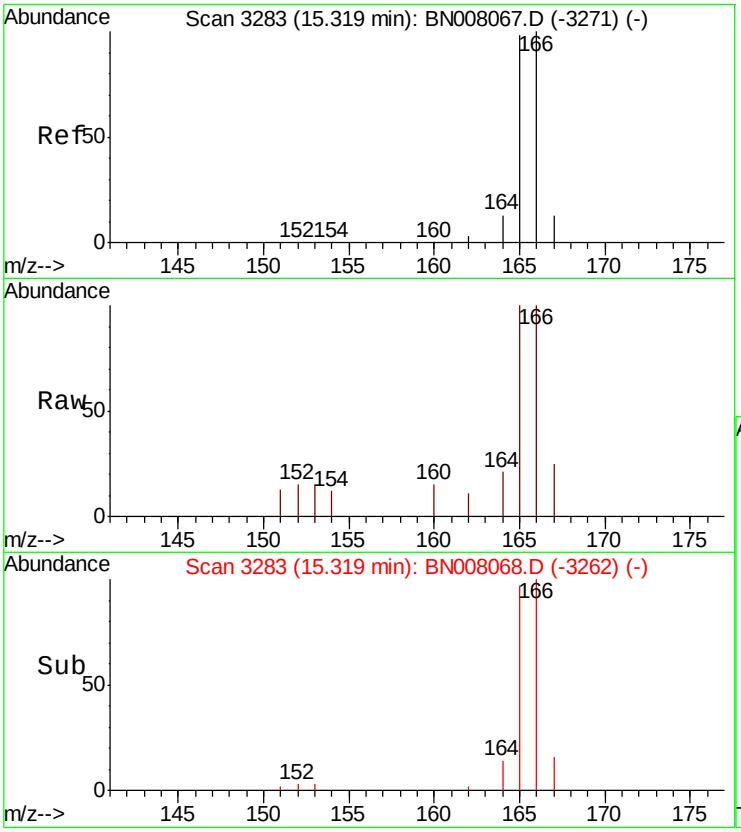


#8
Acenaphthene
Concen: 0.024 ng/ul
RT: 14.33 min Scan# 3069
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:153 Resp: 594

Ion	Ratio	Lower	Upper
153	100		
152	54.9	38.2	57.2
154	88.6	71.8	107.8

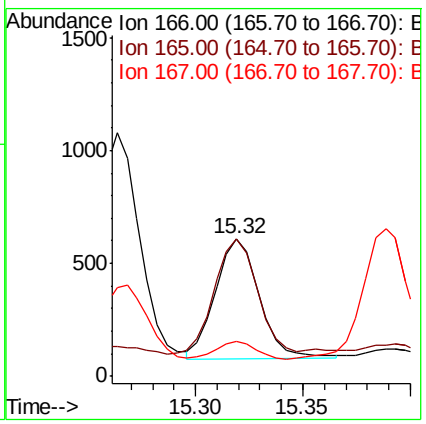




#9
Fluorene
Concen: 0.027 ng/ul
RT: 15.32 min Scan# 3283
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:166 Resp: 756

Ion	Ratio	Lower	Upper
166	100		
165	99.5	76.6	115.0
167	25.2	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
JLMB4

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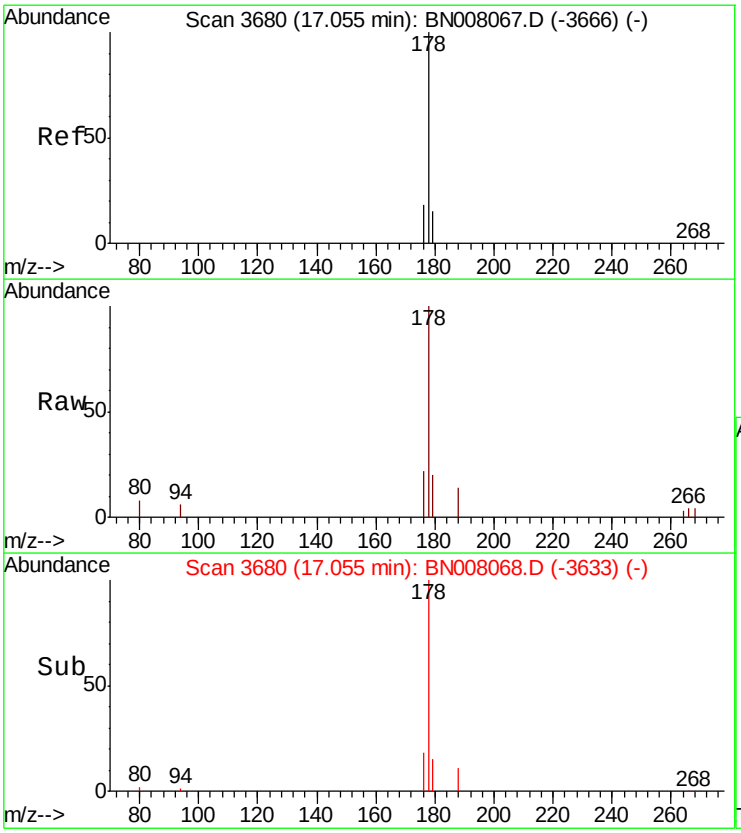
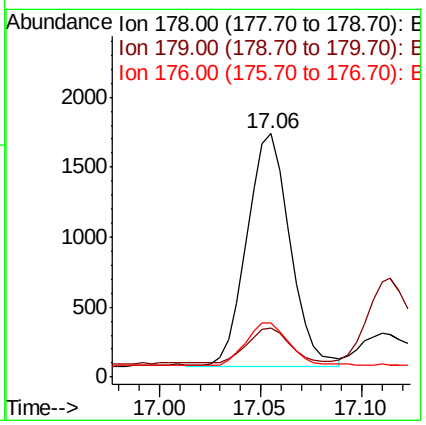
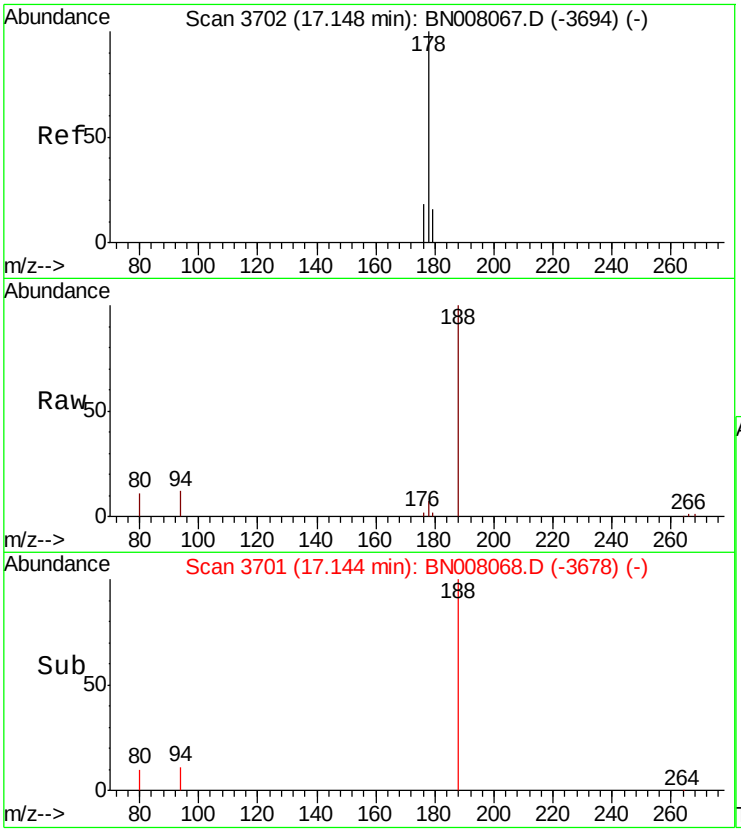


#12
Phenanthrene
Concen: 0.056 ng/ul m
RT: 17.06 min Scan# 3680
Delta R.T. 0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:178 Resp: 2460

Ion	Ratio	Lower	Upper
178	100		
179	20.1	12.8	19.2#
176	22.0	15.4	23.2





#13
Anthracene
Concen: 0.028 ng/ul m
RT: 17.14 min Scan# 3701
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:178 Resp: 1069

Ion	Ratio	Lower	Upper
178	100		
179	29.0	13.0	19.6#
176	25.6	15.0	22.6#

Instrument :
BNA_N
ClientSampleId :
JLMB4

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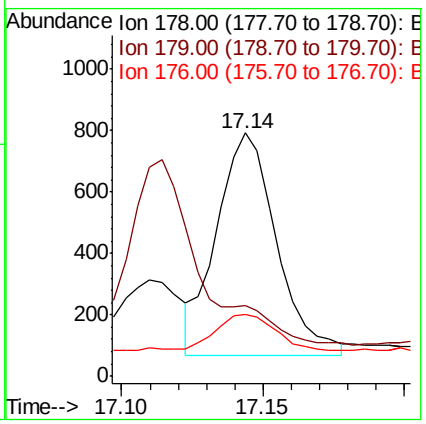
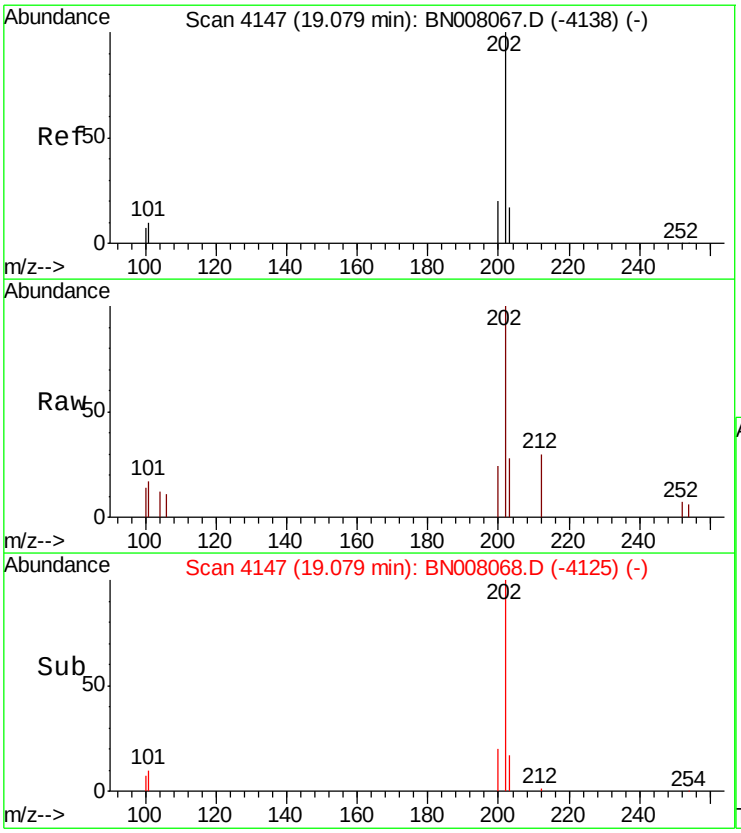
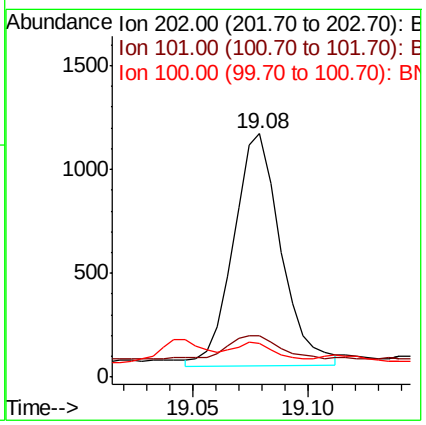


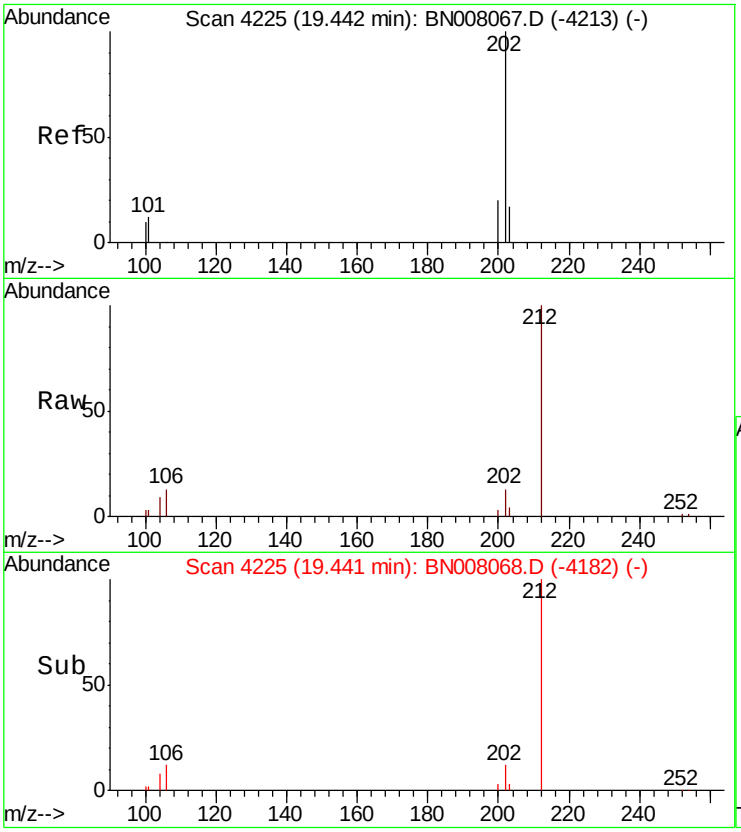


#15
Fluoranthene
Concen: 0.027 ng/ul m
RT: 19.08 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:202 Resp: 1593

Ion	Ratio	Lower	Upper
202	100		
101	16.9	0.0	31.2
100	13.7	0.0	28.5





#17
Pyrene
Concen: 0.025 ng/ul
RT: 19.44 min Scan# 4225
Delta R.T. 0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:202 Resp: 1501

Ion	Ratio	Lower	Upper
202	100		
101	19.9	10.9	16.3#
100	24.5	8.7	13.1#

Instrument :
BNA_N
ClientSampleId :
JLMB4

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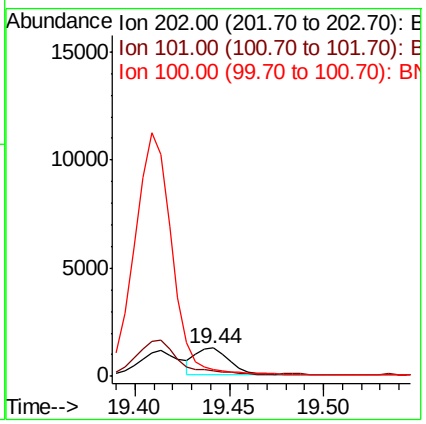
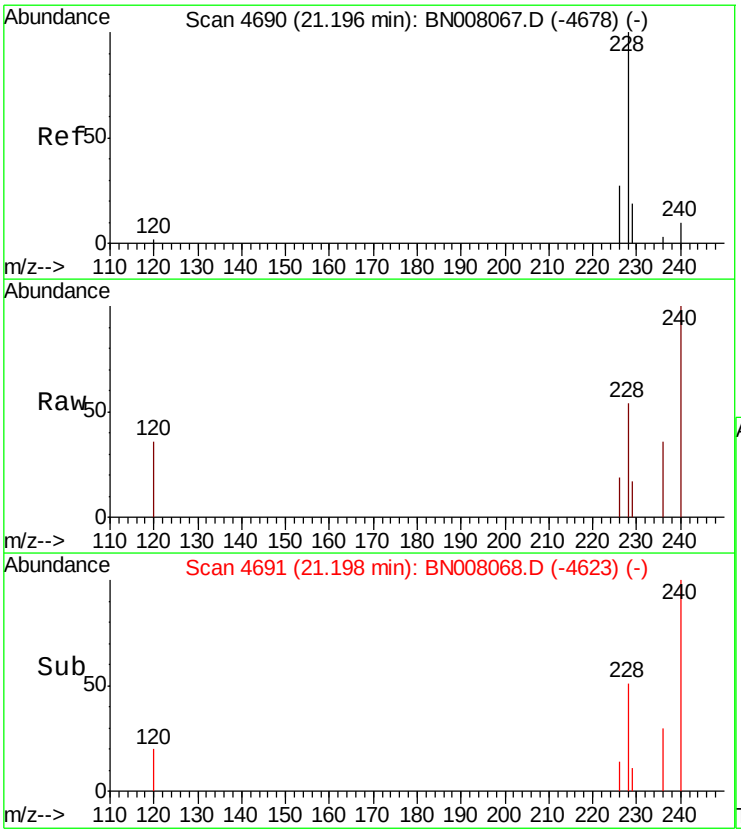
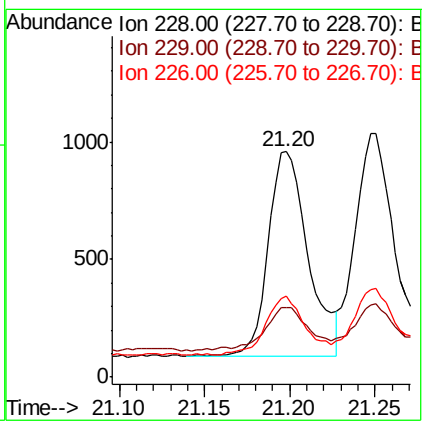


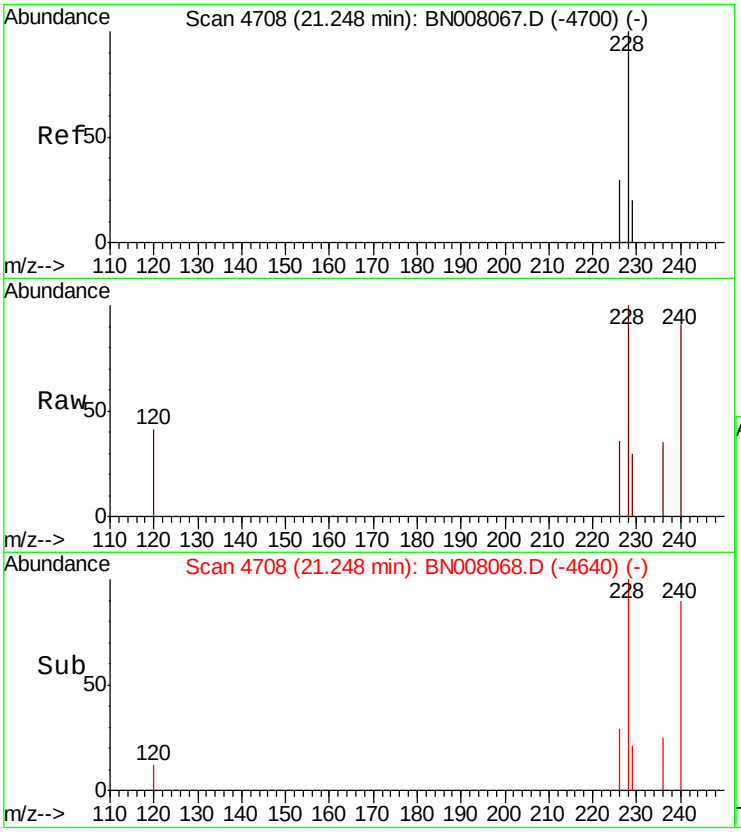


#18
Benzo(a)anthracene
Concen: 0.026 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:228 Resp: 1421

Ion	Ratio	Lower	Upper
228	100		
229	30.9	16.2	24.2#
226	35.9	21.4	32.0#





#19
Chrysene
Concen: 0.027 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:228 Resp: 1798

Ion	Ratio	Lower	Upper
228	100		
226	35.9	24.1	36.1
229	29.9	16.2	24.2#

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
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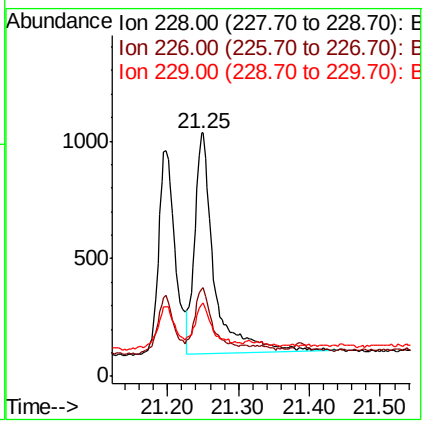
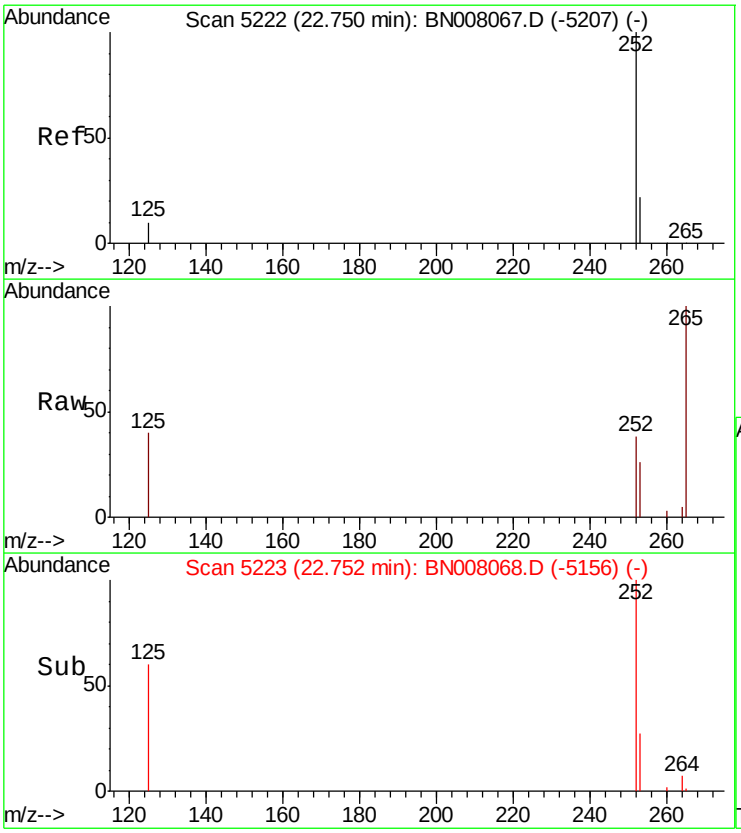
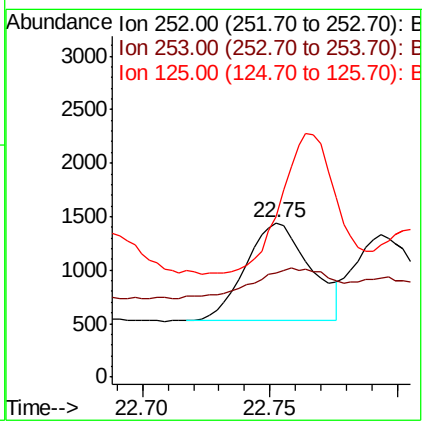


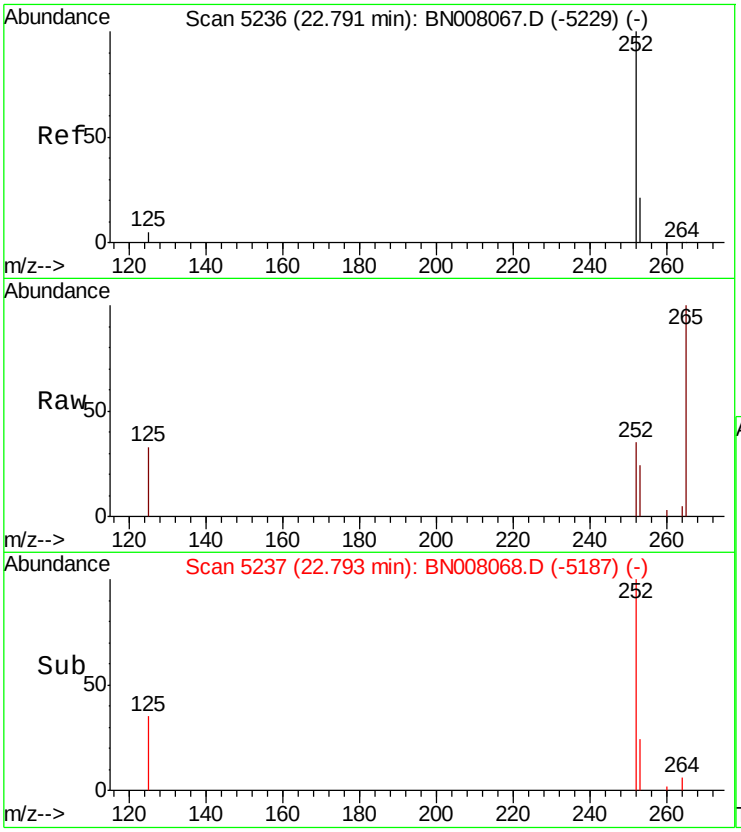


#21
Benzo(b)fluoranthene
Concen: 0.032 ng/ul
RT: 22.75 min Scan# 5223
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:252 Resp: 1618

Ion	Ratio	Lower	Upper
252	100		
253	67.9	0.0	53.4#
125	104.4	0.0	32.4#





#22
Benzo(k)fluoranthene
Concen: 0.027 ng/ul m
RT: 22.79 min Scan# 5237
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:252 Resp: 1539

Ion	Ratio	Lower	Upper
252	100		
253	69.0	21.3	31.9#
125	92.5	12.3	18.5#

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
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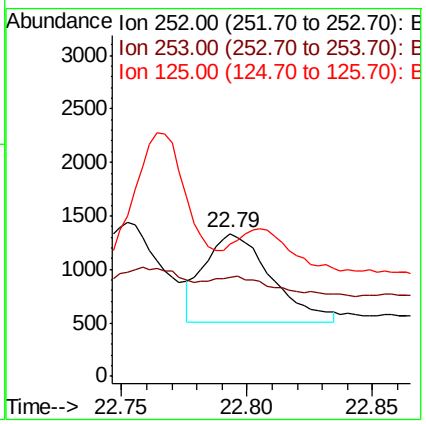
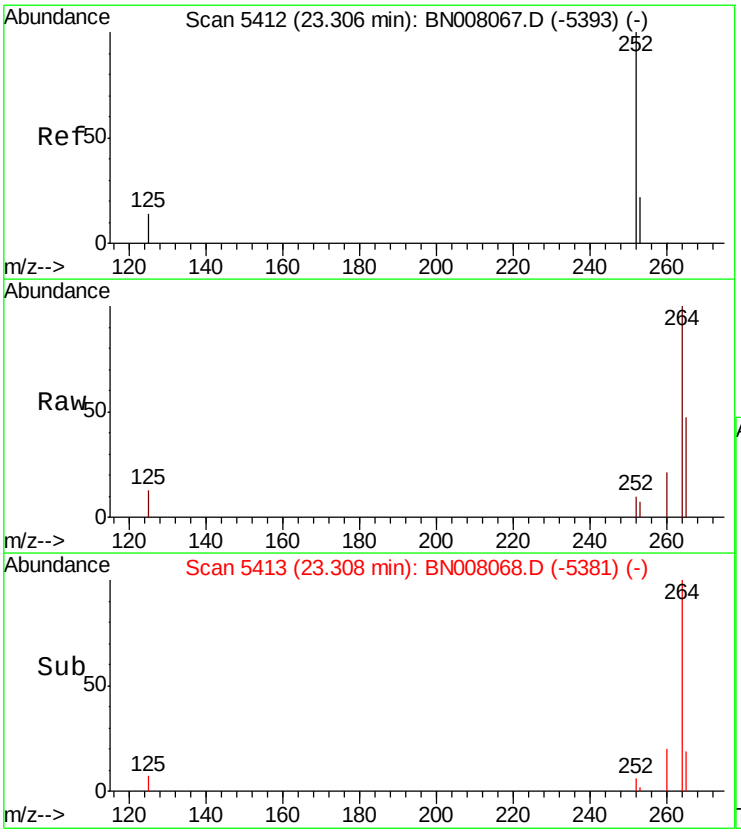
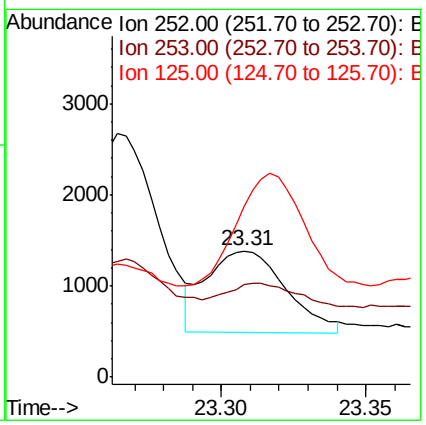


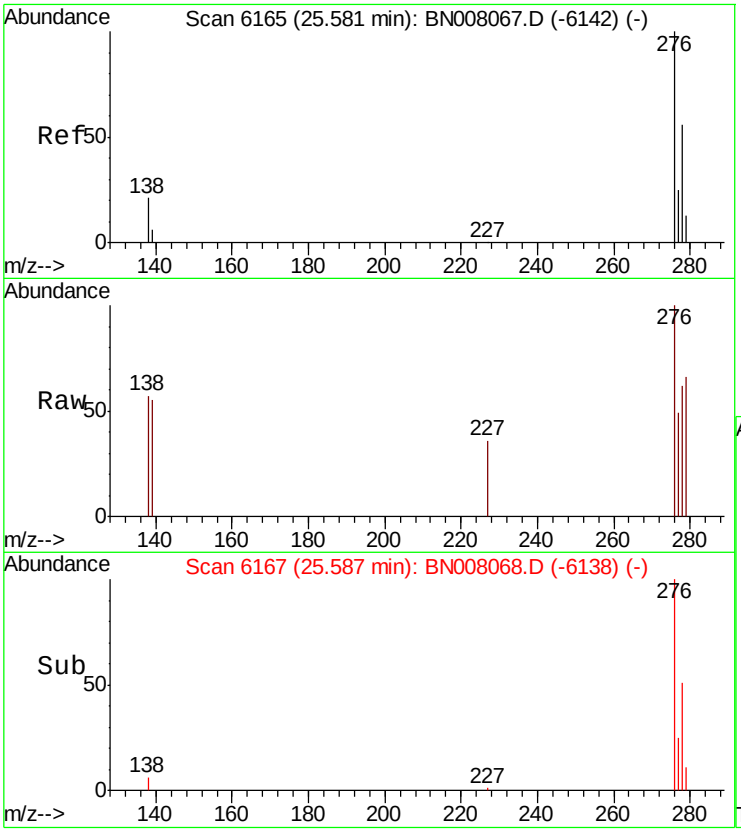


#23
Benzo(a)pyrene
Concen: 0.032 ng/ul m
RT: 23.31 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:252 Resp: 1706

Ion	Ratio	Lower	Upper
252	100		
253	73.3	22.8	34.2#
125	134.9	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.022 ng/ul m
RT: 25.59 min Scan# 6167
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:276 Resp: 1399

Ion	Ratio	Lower	Upper
276	100		
138	15.2	16.1	24.1#
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
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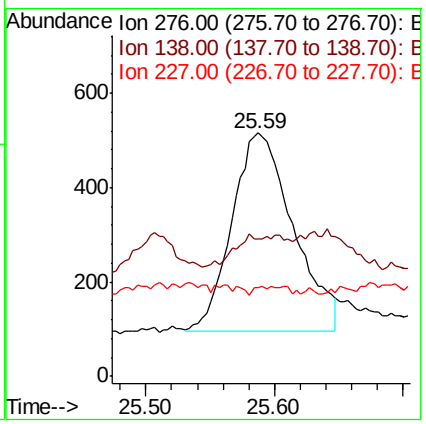
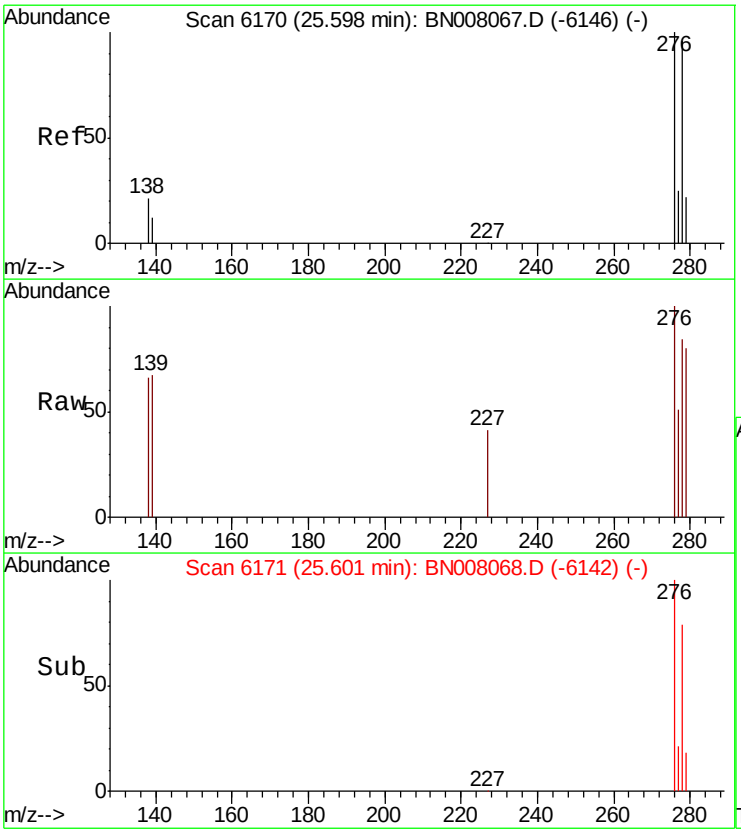
10/15/2019 7:56:11 AM

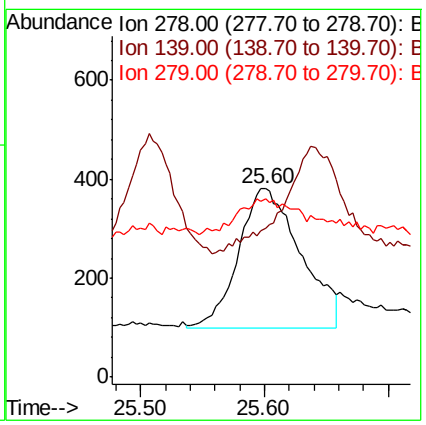


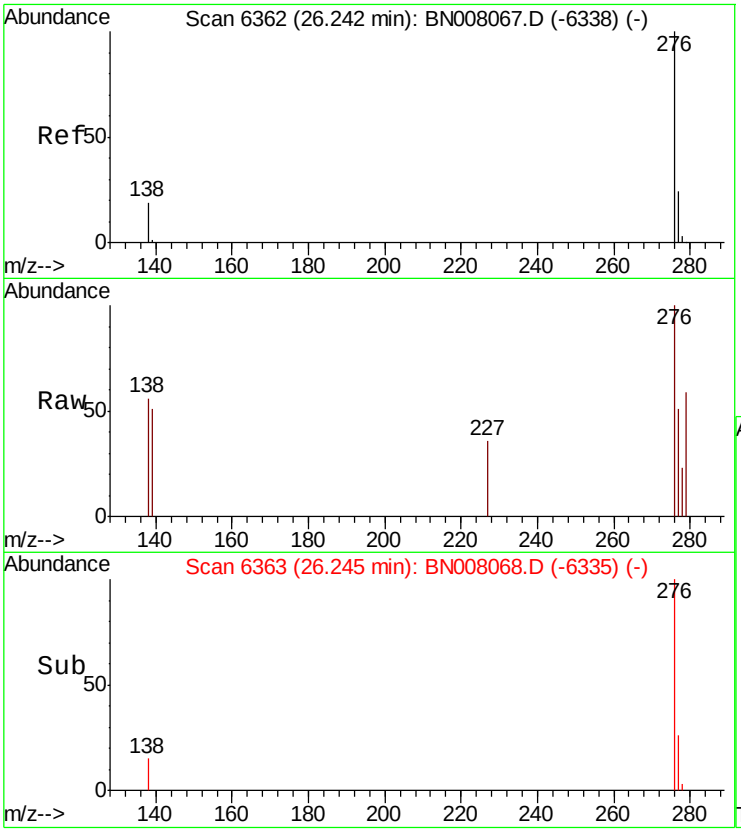


#25
Dibenzo(a,h)anthracene
Concen: 0.020 ng/ul m
RT: 25.60 min Scan# 6171
Delta R.T. -0.00 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:278 Resp: 985

Ion	Ratio	Lower	Upper
278	100		
139	79.3	15.0	22.6#
279	94.8	22.4	33.6#

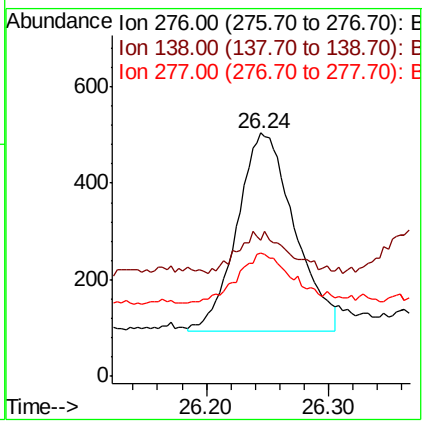




#26
Benzo(g,h,i)perylene
Concen: 0.023 ng/ul m
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN008068.D
Acq: 11 Oct 2019 09:34

Tgt Ion:276 Resp: 1328

Ion	Ratio	Lower	Upper
276	100		
138	56.0	17.0	25.4#
277	50.8	20.4	30.6#



Instrument :
BNA_N
ClientSampleId :
JLMB4

Manual Integrations APPROVED
mohammad
10/15/2019 7:56:11 AM