Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN122819\
Data File : BN009226.D
Acq On : 28 Dec 2019 13:54
Operator : JU
Sample : K6278-22
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
mohammad
12/29/2019 5:32:20 PM

Quant Time: Dec 29 04:24:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN121619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Dec 29 03:34:38 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	2289	0.40	ng/ul	0.00
2) Naphthalene-d8	10.26	136	8174	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.14	164	4998	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.89	188	8949	0.40	ng/ul	0.00
16) Chrysene-d12	21.09	240	7533	0.40	ng/ul	0.00
20) Perylene-d12	23.23	264	7587	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.86	152	2273	0.16	ng/ul	0.00
14) Fluoranthene-d10	18.93	212	4737	0.18	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.31	128	40501	1.634	ng/ul	99
5) 2-Methylnaphthalene	11.93	142	49578	2.647	ng/ul	100
7) Acenaphthylene	13.86	152	3645	0.139	ng/ul#	61
8) Acenaphthene	14.20	153	1061	0.051	ng/ul#	89
9) Fluorene	15.19	166	3470	0.142	ng/ul#	55
12) Phenanthrene	16.93	178	89269	2.869	ng/ul	96
13) Anthracene	17.02	178	5748	0.206	ng/ul#	44
15) Fluoranthene	18.96	202	44354	1.246	ng/ul	97
17) Pyrene	19.32	202	40899	1.064	ng/ul	98
18) Benzo(a)anthracene	21.08	228	19411	0.580	ng/ul#	54
19) Chrysene	21.13	228	45245	1.346	ng/ul#	70
21) Benzo(b)fluoranthene	22.60	252	34642m	0.978	ng/ul	
22) Benzo(k)fluoranthene	22.64	252	9268m	0.259	ng/ul	
23) Benzo(a)pyrene	23.14	252	15160	0.488	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.34	276	12380	0.366	ng/ul#	99
25) Dibenzo(a,h)anthracene	25.34	278	4667	0.173	ng/ul#	1
26) Benzo(g,h,i)perylene	25.98	276	13468	0.473	ng/ul#	41

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

Quantitation Report (QT Reviewed)

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Manual Integrations APPROVED
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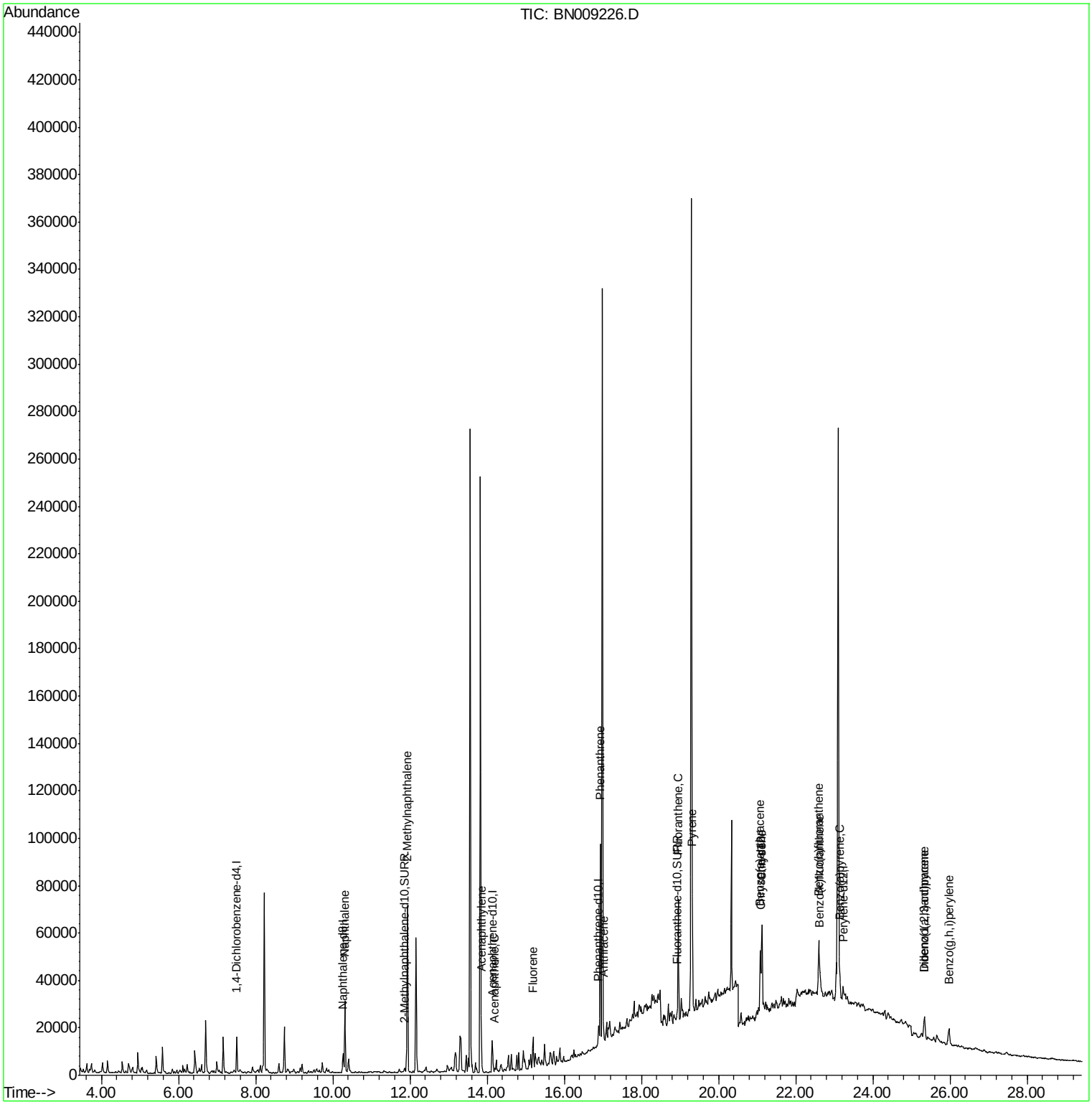

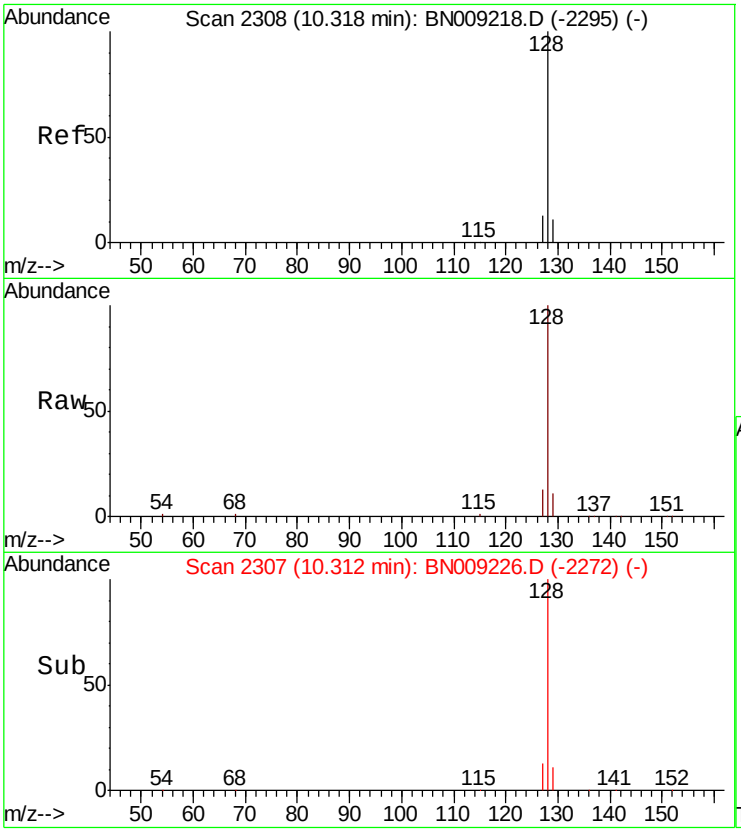

#3
Naphthalene
Concen: 1.634 ng/ul
RT: 10.31 min Scan# 2307
Delta R.T. -0.01 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:128 Resp: 40501

Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.0	13.4
127	13.3	10.9	16.3

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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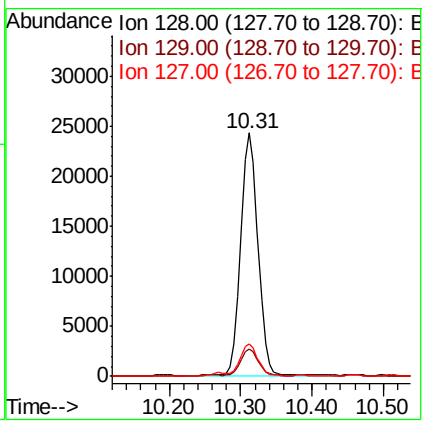
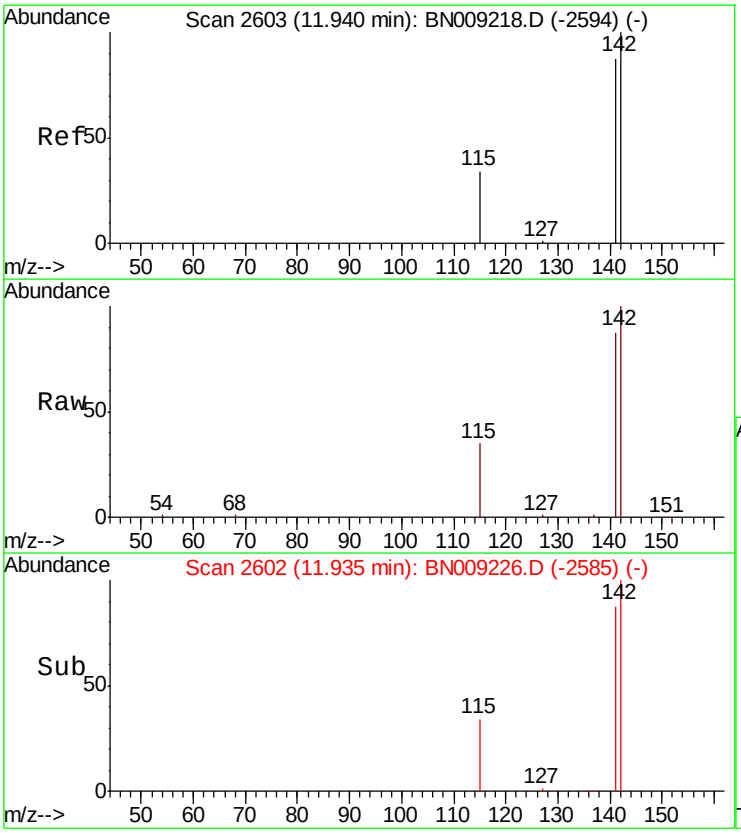
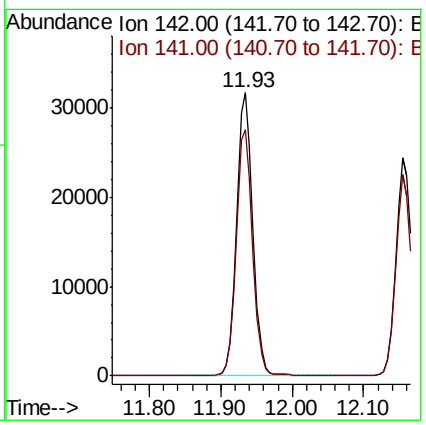


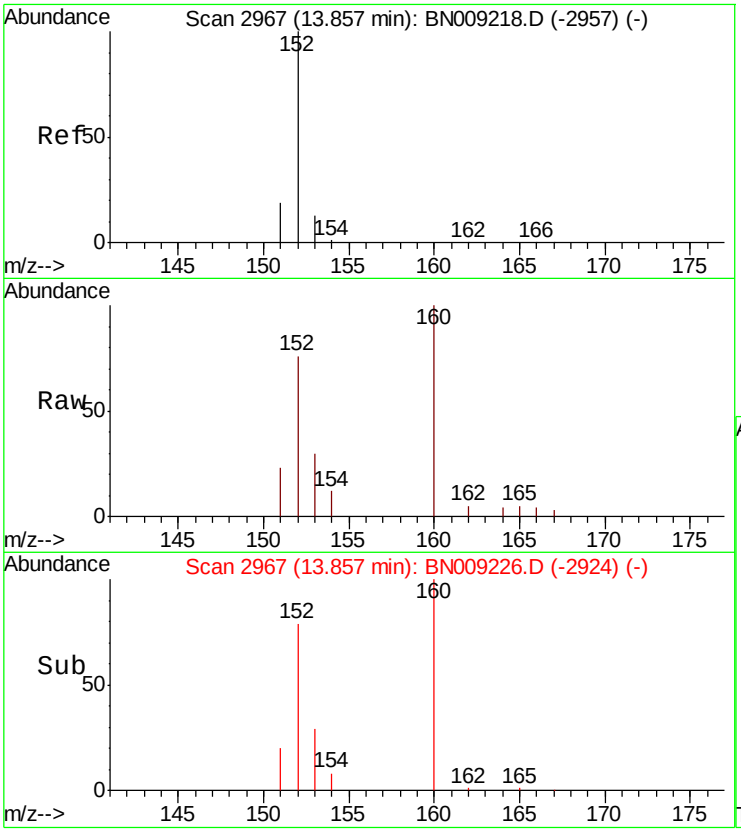


#5
2-Methylnaphthalene
Concen: 2.647 ng/ul
RT: 11.93 min Scan# 2602
Delta R.T. -0.01 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:142 Resp: 49578

Ion	Ratio	Lower	Upper
142	100		
141	88.0	70.2	105.4





#7
Acenaphthylene
Concen: 0.139 ng/ul
RT: 13.86 min Scan# 2967
Delta R.T. 0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:152 Resp: 3645

Ion	Ratio	Lower	Upper
152	100		
151	29.7	15.7	23.5#
153	38.9	10.8	16.2#

Instrument :
BNA_N
ClientSampleId :
C0C92

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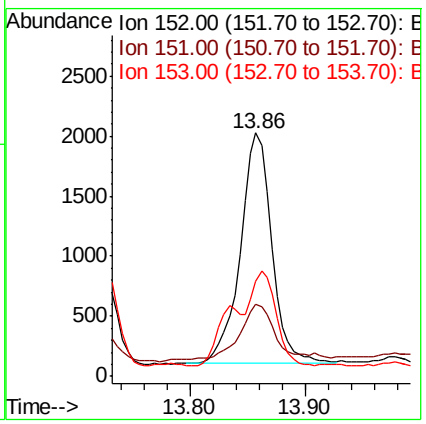
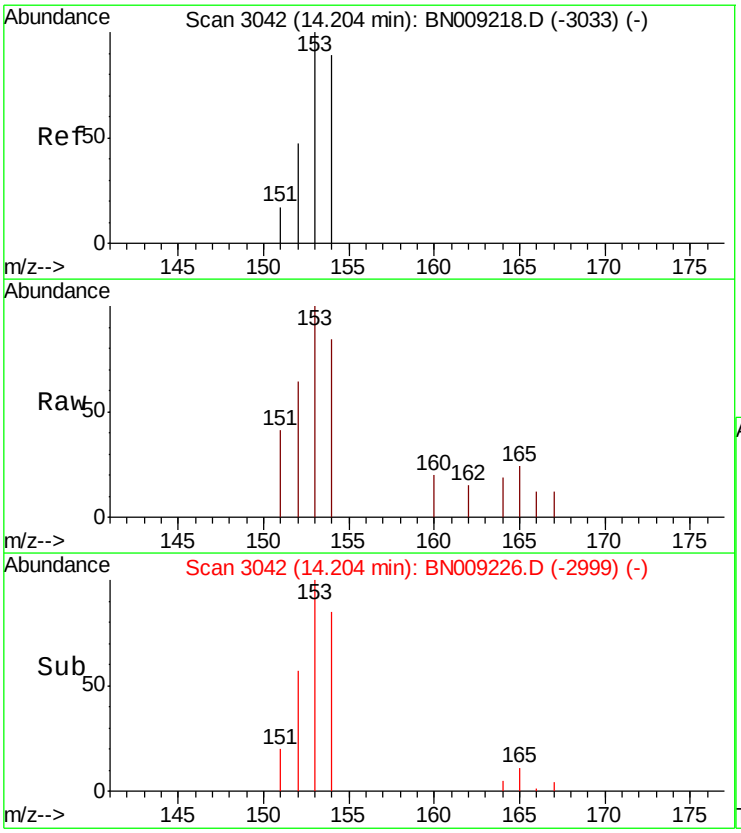
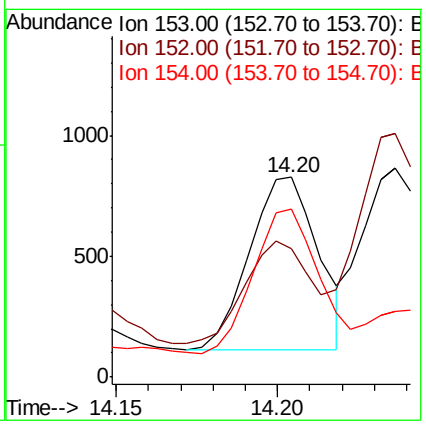


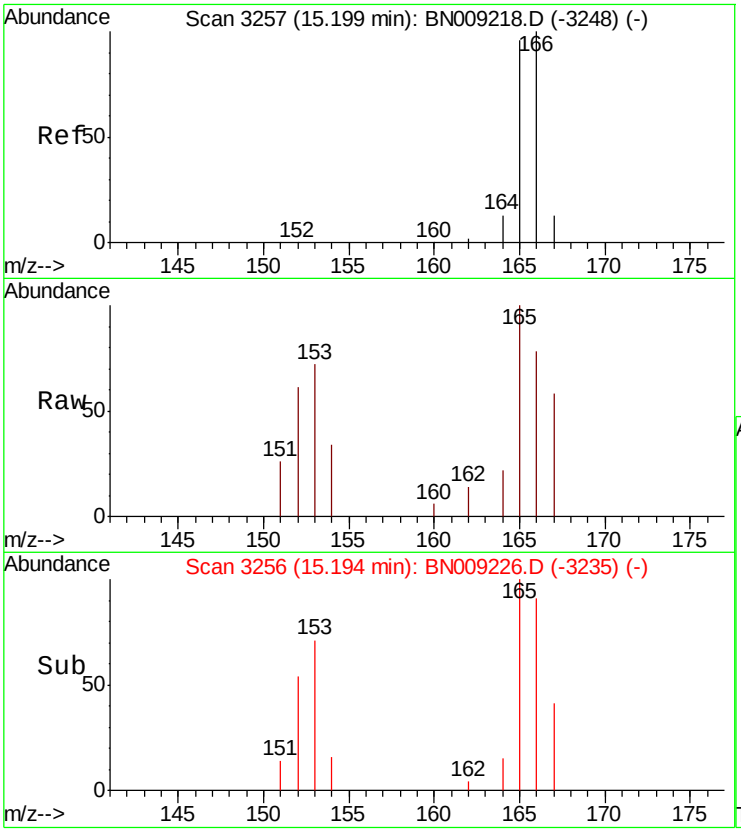


#8
Acenaphthene
Concen: 0.051 ng/ul
RT: 14.20 min Scan# 3042
Delta R.T. 0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:153 Resp: 1061

Ion	Ratio	Lower	Upper
153	100		
152	64.3	39.5	59.3#
154	84.1	71.3	106.9





#9
Fluorene
Concen: 0.142 ng/ul
RT: 15.19 min Scan# 3256
Delta R.T. -0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:166 Resp: 3470

Ion	Ratio	Lower	Upper
166	100		
165	127.7	78.2	117.4#
167	73.5	11.0	16.6#

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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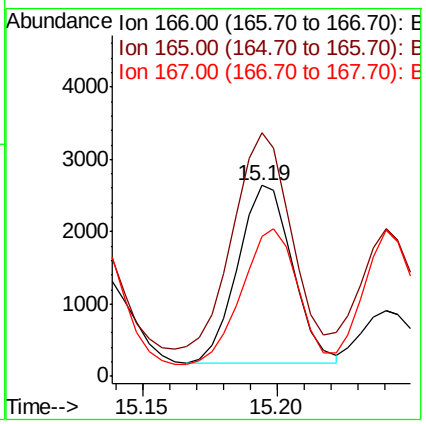
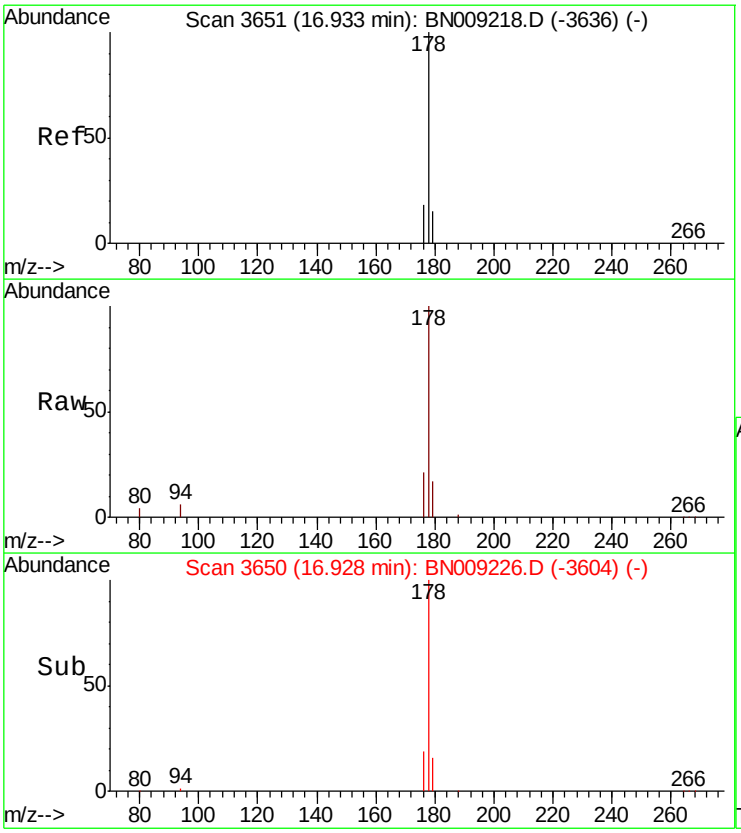
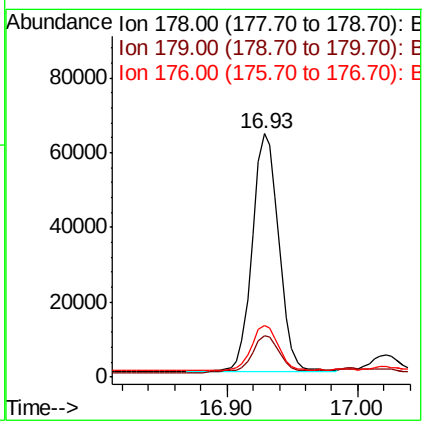


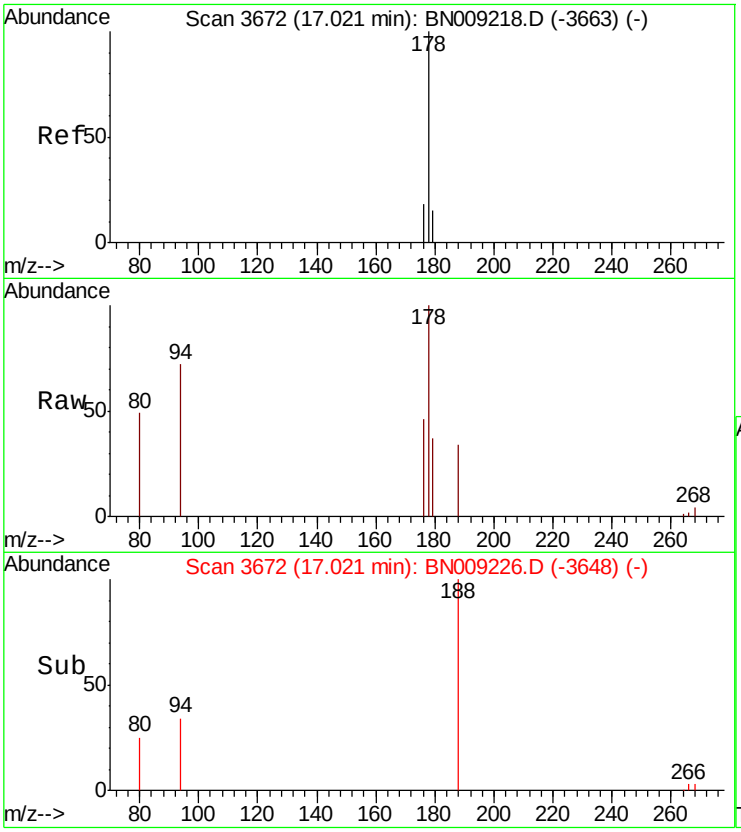


#12
Phenanthrene
Concen: 2.869 ng/ul
RT: 16.93 min Scan# 3650
Delta R.T. -0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:178 Resp: 89269

Ion	Ratio	Lower	Upper
178	100		
179	16.9	12.3	18.5
176	21.2	15.1	22.7





#13
Anthracene
Concen: 0.206 ng/ul
RT: 17.02 min Scan# 3672
Delta R.T. 0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:178 Resp: 5748

Ion	Ratio	Lower	Upper
178	100		
179	37.0	12.5	18.7#
176	45.6	14.9	22.3#

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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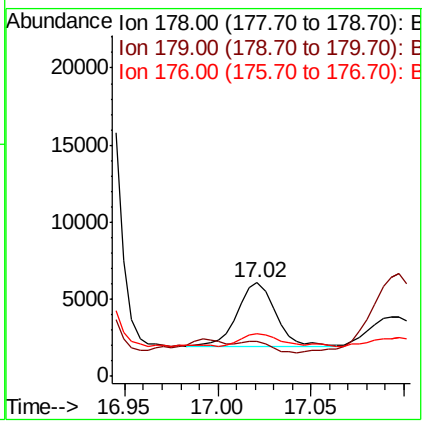
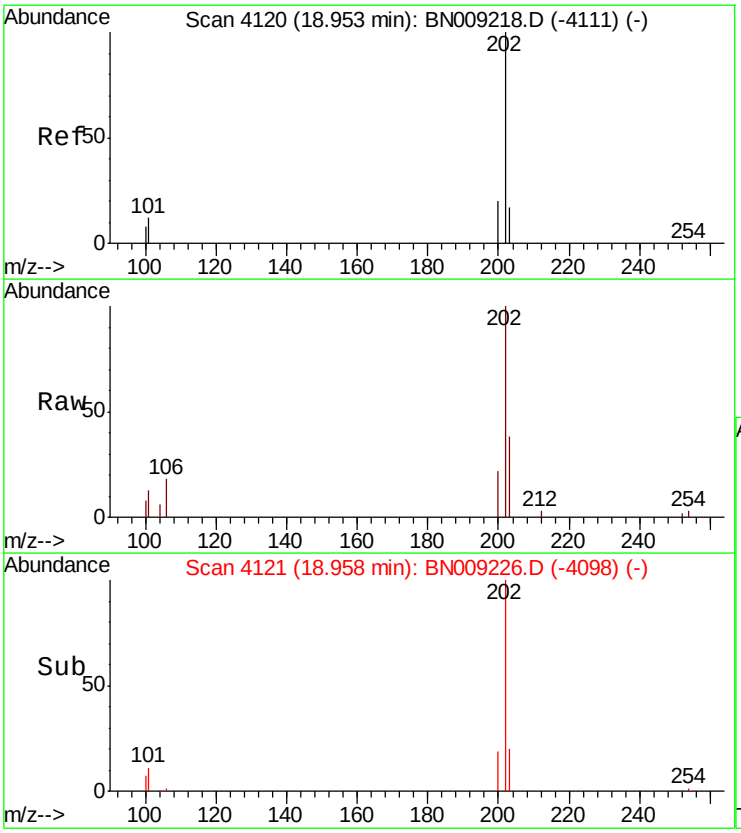
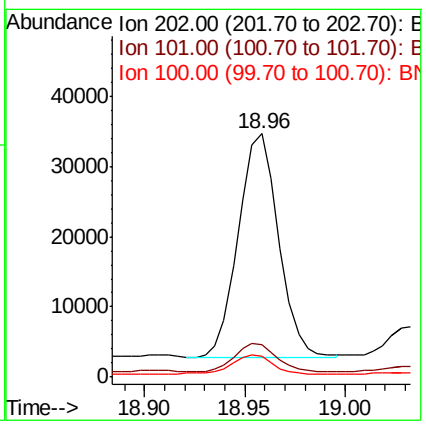


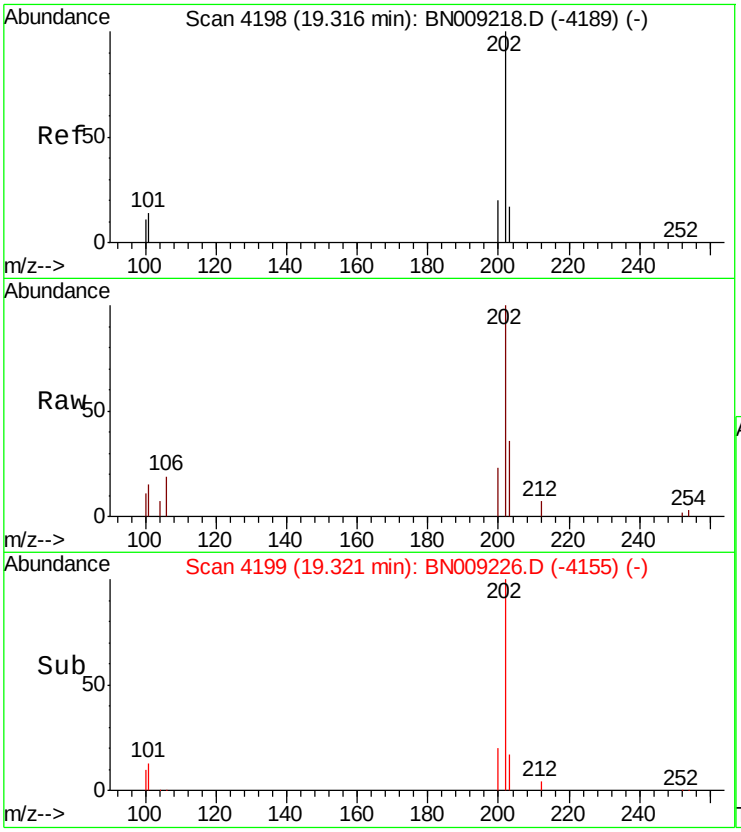


#15
Fluoranthene
Concen: 1.246 ng/ul
RT: 18.96 min Scan# 4121
Delta R.T. 0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:202 Resp: 44354

Ion	Ratio	Lower	Upper
202	100		
101	13.4	0.0	31.5
100	8.3	0.0	28.9





#17
Pyrene
Concen: 1.064 ng/ul
RT: 19.32 min Scan# 4199
Delta R.T. 0.00 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:202 Resp: 40899

Ion	Ratio	Lower	Upper
202	100		
101	14.7	10.9	16.3
100	10.8	9.0	13.6

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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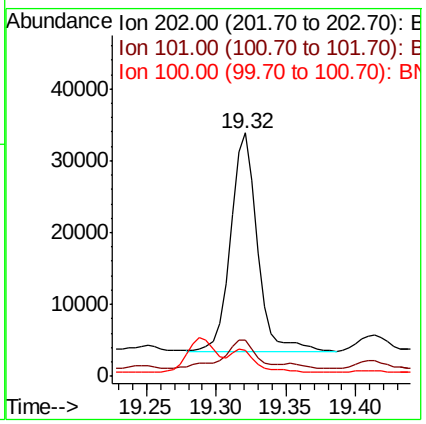
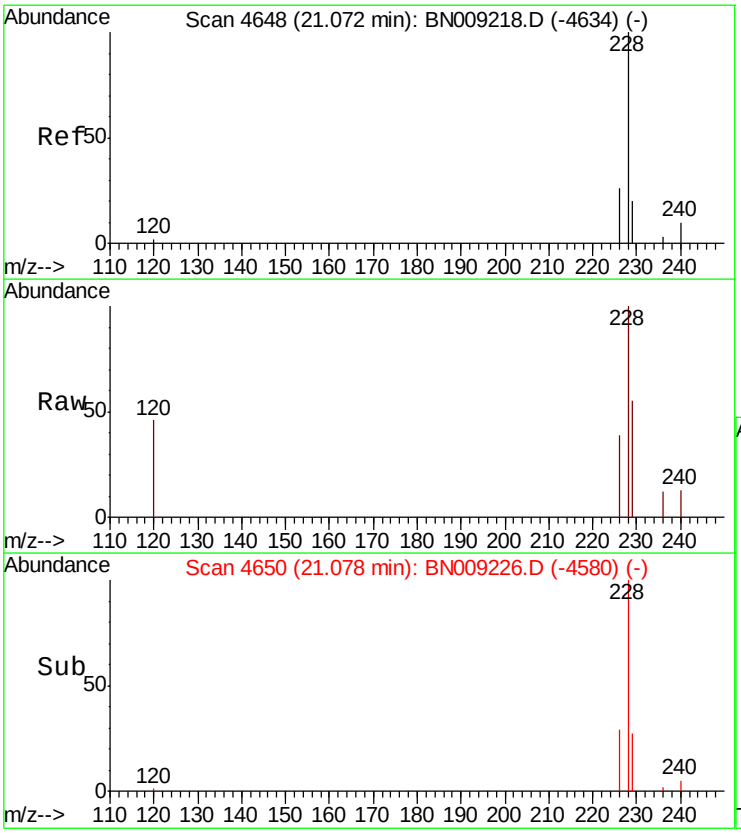
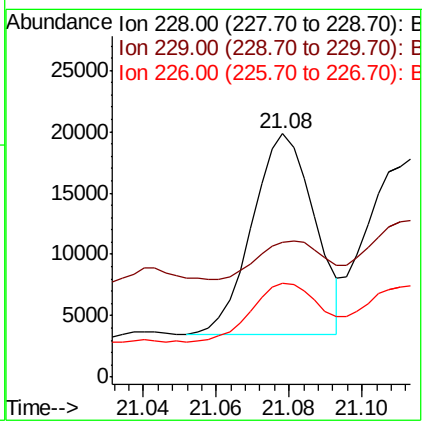


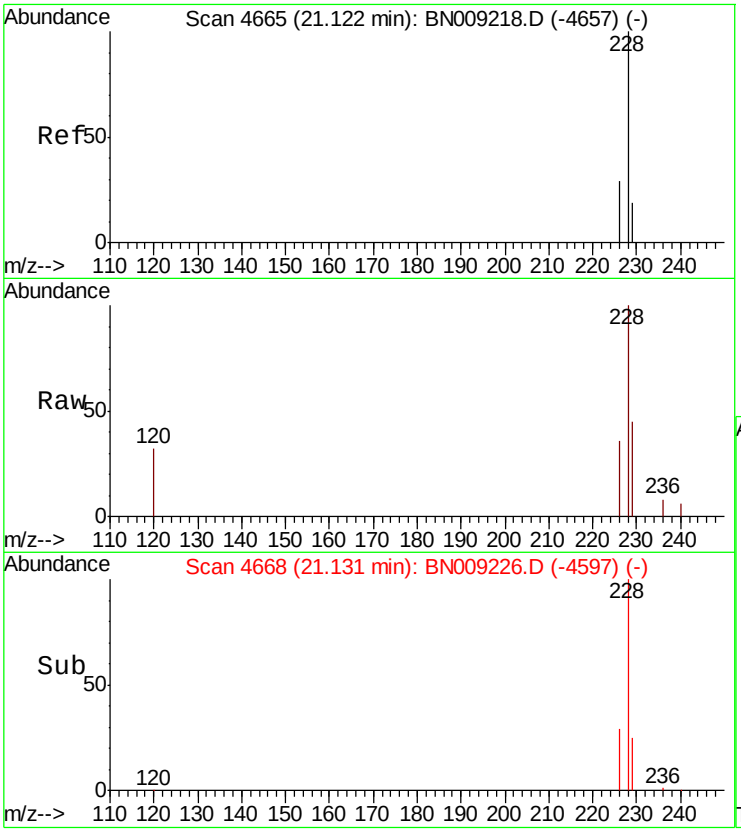


#18
Benzo(a)anthracene
Concen: 0.580 ng/ul
RT: 21.08 min Scan# 4650
Delta R.T. 0.01 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:228 Resp: 19411

Ion	Ratio	Lower	Upper
228	100		
229	55.4	15.5	23.3#
226	38.6	21.7	32.5#





#19
Chrysene
Concen: 1.346 ng/ul
RT: 21.13 min Scan# 4668
Delta R.T. 0.01 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:228 Resp: 45245

Ion	Ratio	Lower	Upper
228	100		
226	35.6	23.7	35.5#
229	45.4	15.4	23.0#

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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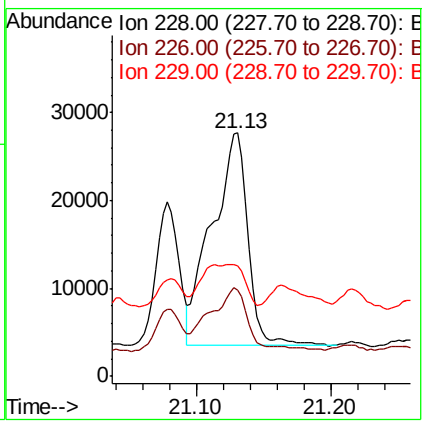
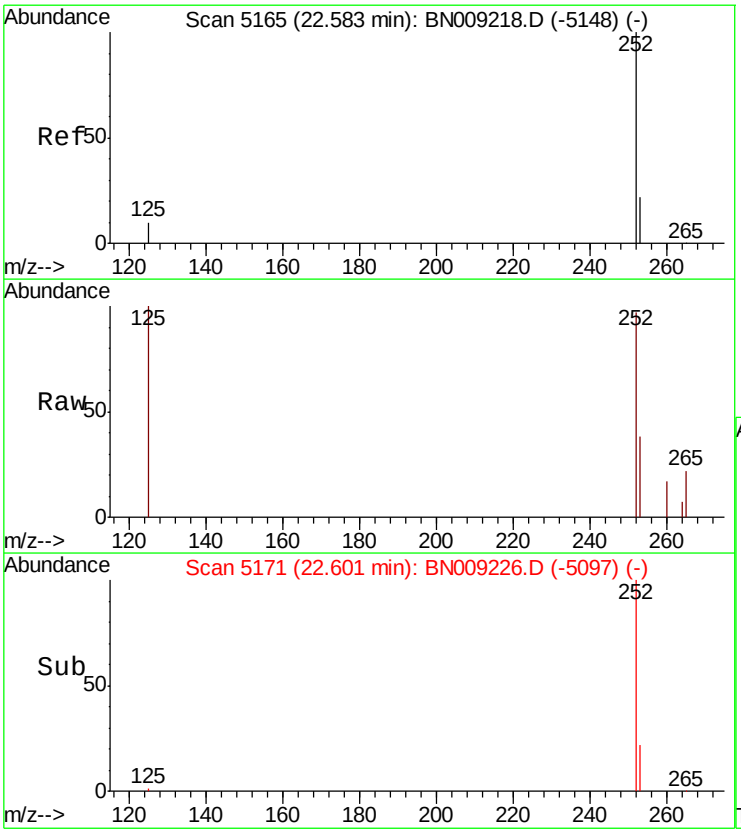
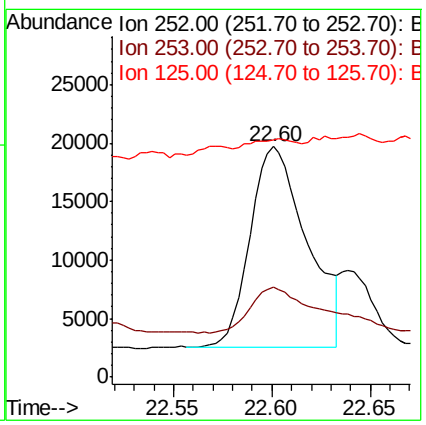


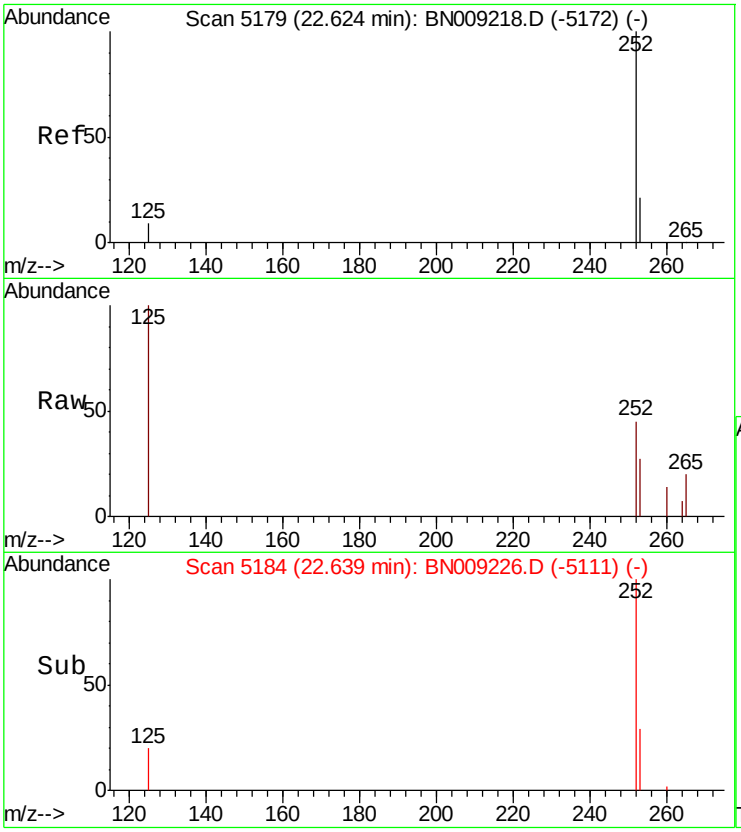


#21
Benzo(b)fluoranthene
Concen: 0.978 ng/ul m
RT: 22.60 min Scan# 5171
Delta R.T. 0.02 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:252 Resp: 34642

Ion	Ratio	Lower	Upper
252	100		
253	39.2	0.0	48.2
125	103.2	0.0	30.0#





#22
Benzo(k)fluoranthene
Concen: 0.259 ng/ul m
RT: 22.64 min Scan# 5184
Delta R.T. 0.01 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:252 Resp: 9268

Ion	Ratio	Lower	Upper
252	100		
253	59.7	19.4	29.0#
125	224.5	12.4	18.6#

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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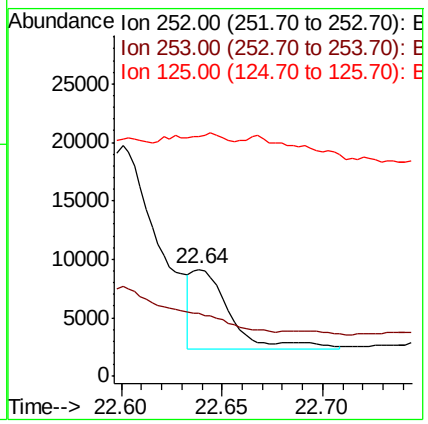
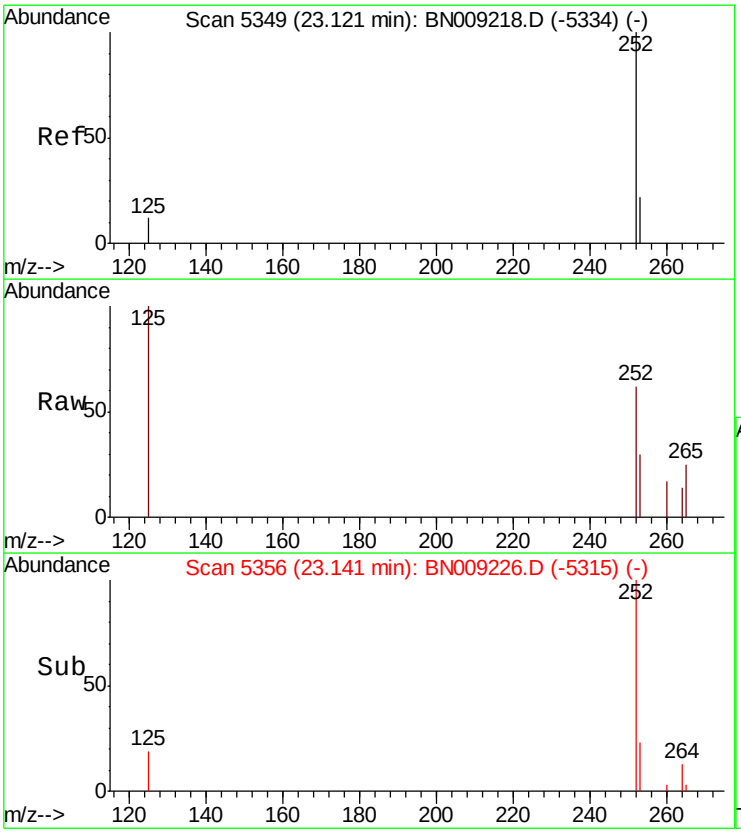
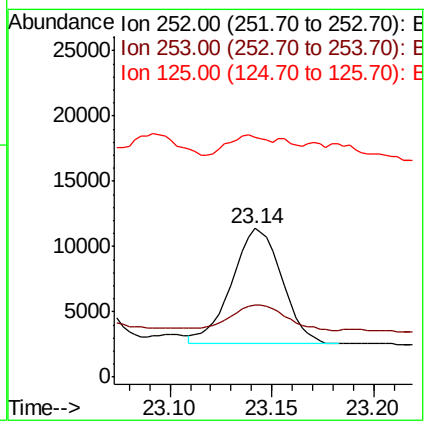


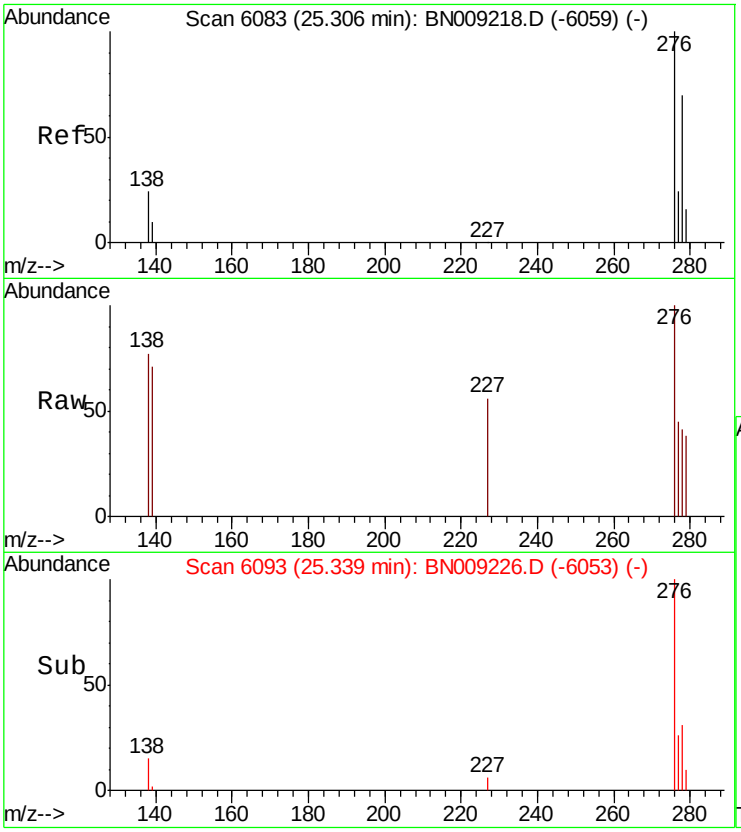


#23
Benzo(a)pyrene
Concen: 0.488 ng/ul
RT: 23.14 min Scan# 5356
Delta R.T. 0.02 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:252 Resp: 15160

Ion	Ratio	Lower	Upper
252	100		
253	48.6	20.2	30.4#
125	161.3	13.2	19.8#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.366 ng/ul
RT: 25.34 min Scan# 6093
Delta R.T. 0.03 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:276 Resp: 12380

Ion	Ratio	Lower	Upper
276	100		
138	27.4	22.4	33.6
227	9.7	0.2	0.4#

Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
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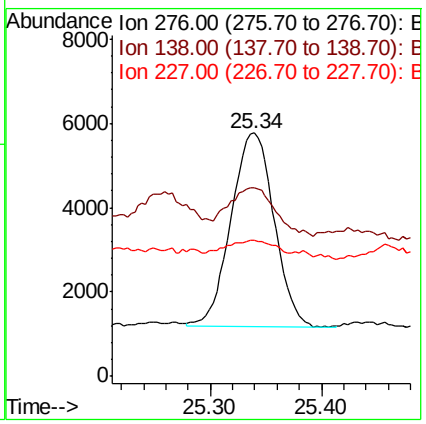
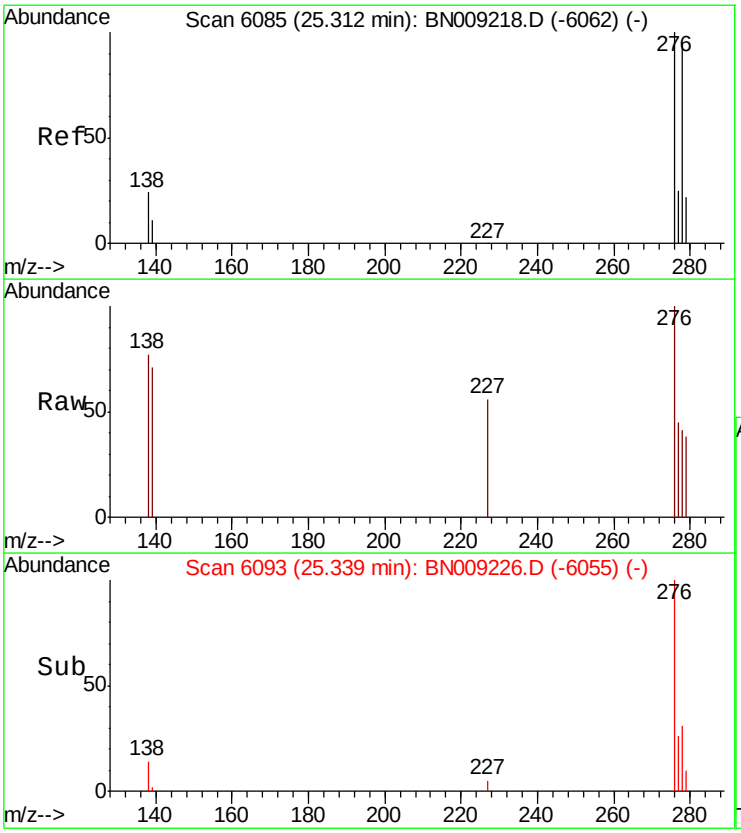
12/29/2019 5:32:20 PM

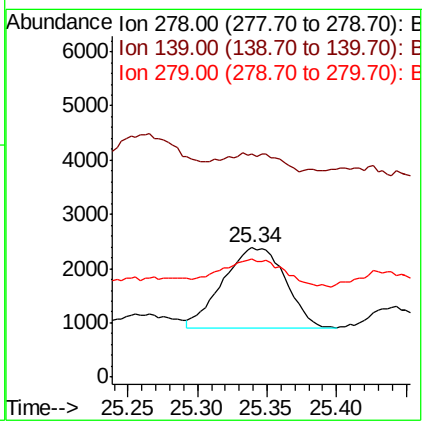


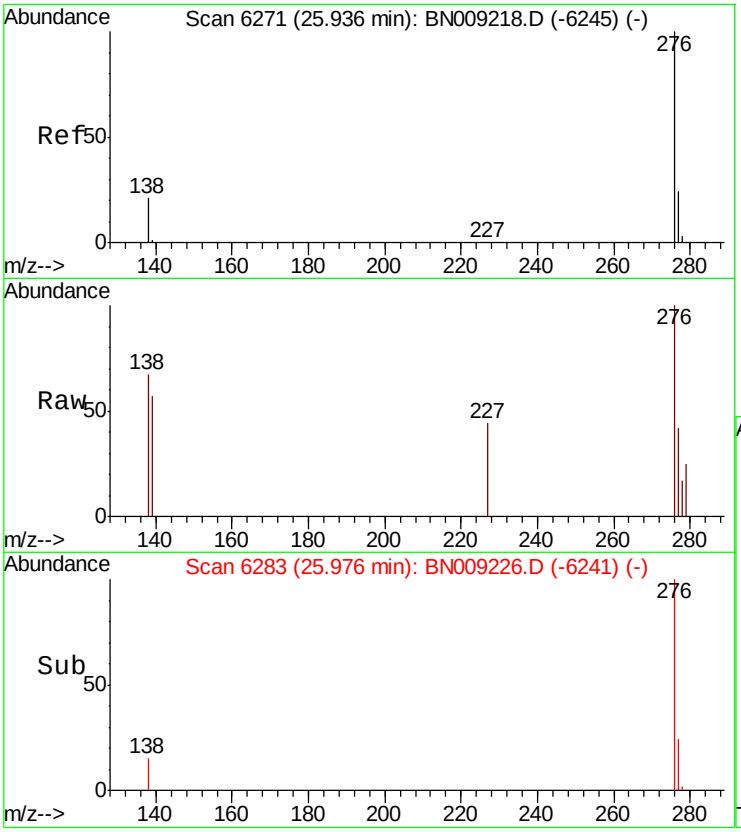


#25
Dibenzo(a,h)anthracene
Concen: 0.173 ng/ul
RT: 25.34 min Scan# 6093
Delta R.T. 0.03 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:278 Resp: 4667

Ion	Ratio	Lower	Upper
278	100		
139	172.7	16.2	24.2#
279	91.6	20.3	30.5#

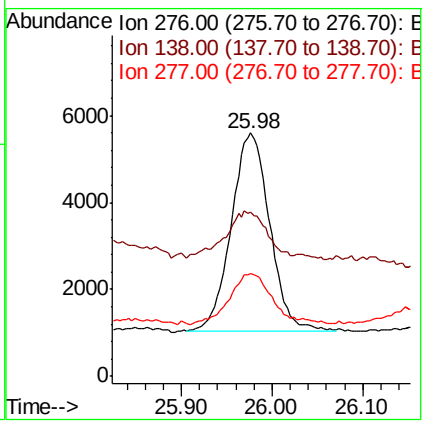




#26
Benzo(g,h,i)perylene
Concen: 0.473 ng/ul
RT: 25.98 min Scan# 6283
Delta R.T. 0.04 min
Lab File: BN009226.D
Acq: 28 Dec 2019 13:54

Tgt Ion:276 Resp: 13468

Ion	Ratio	Lower	Upper
276	100		
138	67.4	20.6	30.8#
277	42.2	19.6	29.4#



Instrument :
BNA_N
ClientSampleId :
C0C92

Manual Integrations APPROVED
mohammad
12/29/2019 5:32:20 PM