Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008274.D
Acq On : 21 Oct 2019 09:50
Operator : JU
Sample : K5199-02
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : BEPJ6

Manual Integrations APPROVED
mohammad
10/22/2019 3:26:51 PM

Quant Time: Oct 21 15:33:36 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 : Mon Oct 21 15:18:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1842	0.40	ng/ul	0.00
2) Naphthalene-d8	10.35	136	8808	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.22	164	5579	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.97	188	12747m	0.40	ng/ul	0.00
16) Chrysene-d12	21.18	240	13363	0.40	ng/ul	0.00
20) Perylene-d12	23.35	264	15853	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.95	152	4270	0.29	ng/ul	0.00
14) Fluoranthene-d10	19.01	212	13477	0.31	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.40	128	1259	0.050	ng/ul#	86
5) 2-Methylnaphthalene	12.03	142	722	0.042	ng/ul	100
7) Acenaphthylene	13.94	152	4090	0.154	ng/ul	96
8) Acenaphthene	14.29	153	1266	0.061	ng/ul	97
9) Fluorene	15.28	166	1819	0.078	ng/ul#	96
12) Phenanthrene	17.01	178	40138	1.076	ng/ul	99
13) Anthracene	17.11	178	9254	0.282	ng/ul	99
15) Fluoranthene	19.04	202	122192	2.479	ng/ul	100
17) Pyrene	19.40	202	127188	2.390	ng/ul	99
18) Benzo(a)anthracene	21.16	228	87251	1.796	ng/ul	98
19) Chrysene	21.21	228	95272	1.598	ng/ul	99
21) Benzo(b)fluoranthene	22.71	252	114086m	2.211	ng/ul	
22) Benzo(k)fluoranthene	22.75	252	42189m	0.722	ng/ul	
23) Benzo(a)pyrene	23.26	252	81696	1.504	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.51	276	45958	0.719	ng/ul	100
25) Dibenzo(a,h)anthracene	25.51	278	12652	0.250	ng/ul	96
26) Benzo(g,h,i)perylene	26.16	276	39886	0.680	ng/ul	98

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN102119\
Data File : BN008274.D
Acq On : 21 Oct 2019 09:50
Operator : JU
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Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Oct 21 15:33:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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Instrument :
BNA_N
ClientSampleId :
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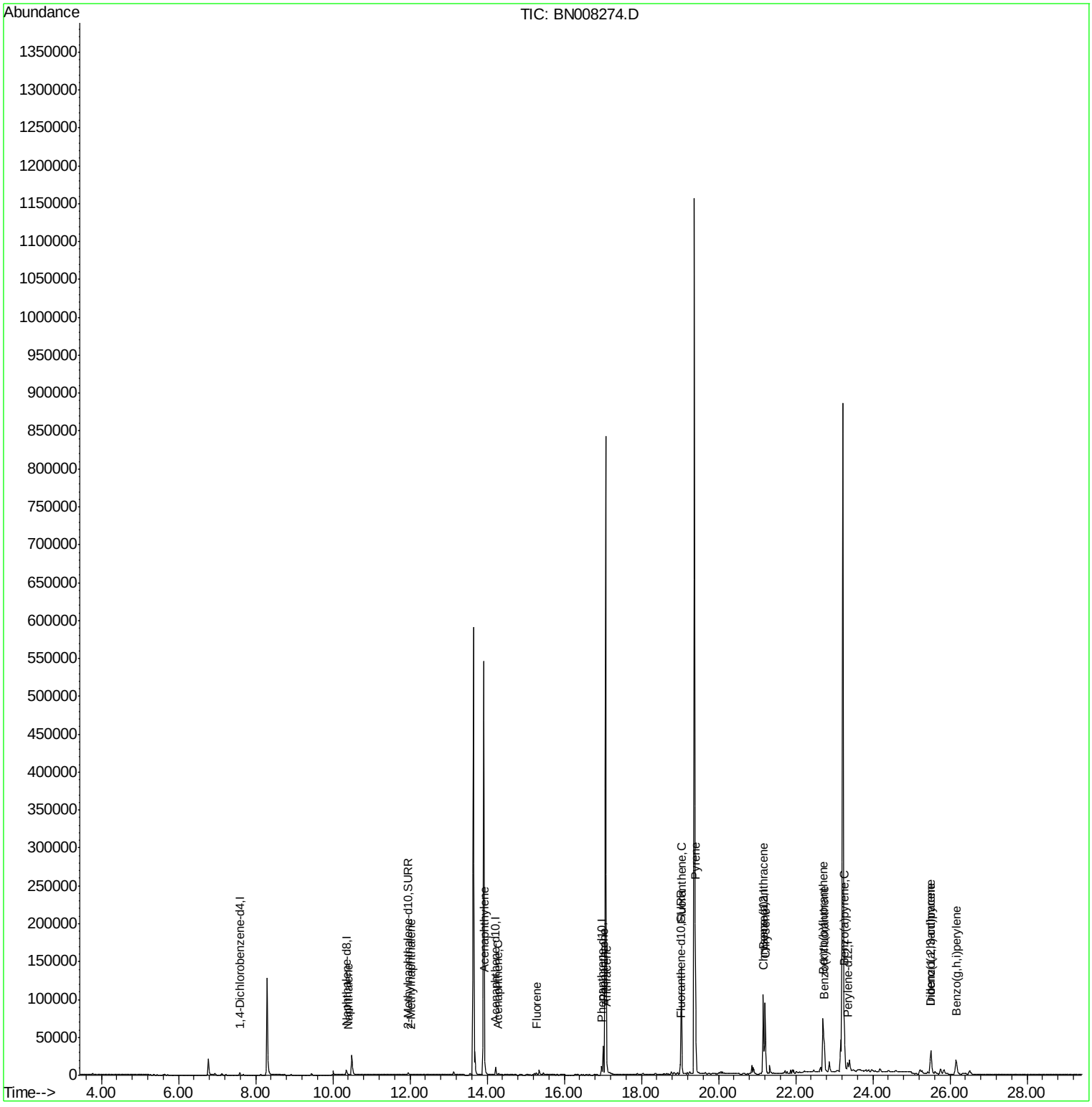

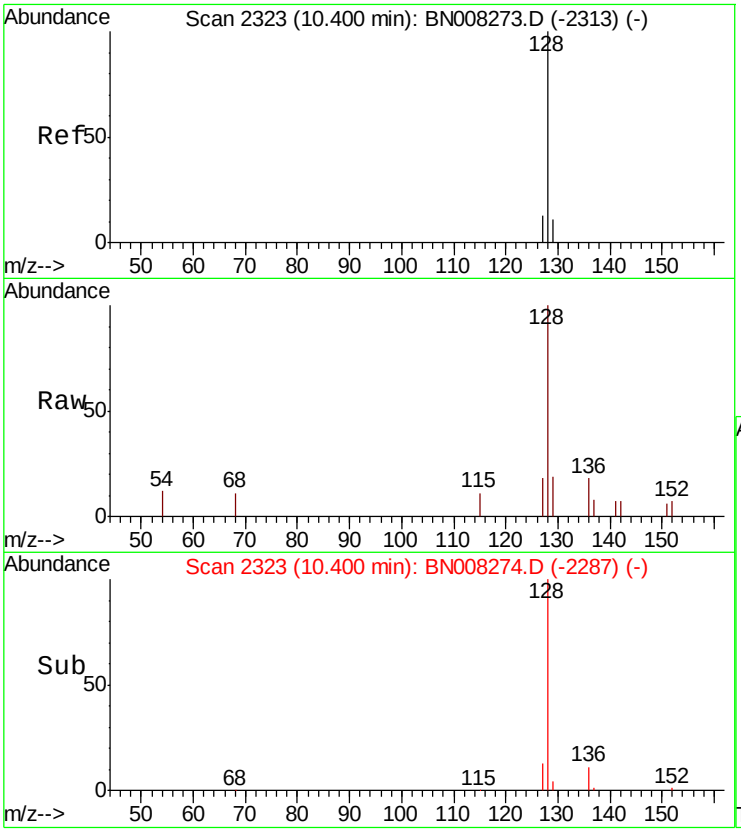

#3
Naphthalene
Concen: 0.050 ng/ul
RT: 10.40 min Scan# 2323
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:128 Resp: 1259

Ion	Ratio	Lower	Upper
128	100		
129	19.2	9.8	14.8#
127	18.2	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPJ6

Manual Integrations APPROVED
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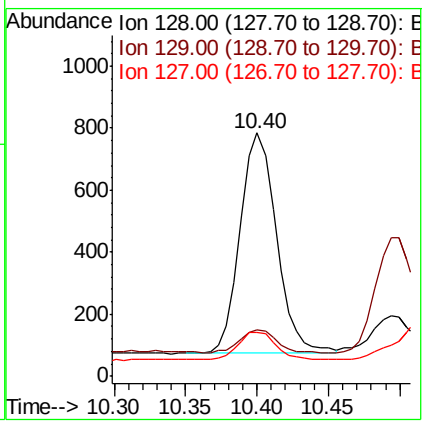
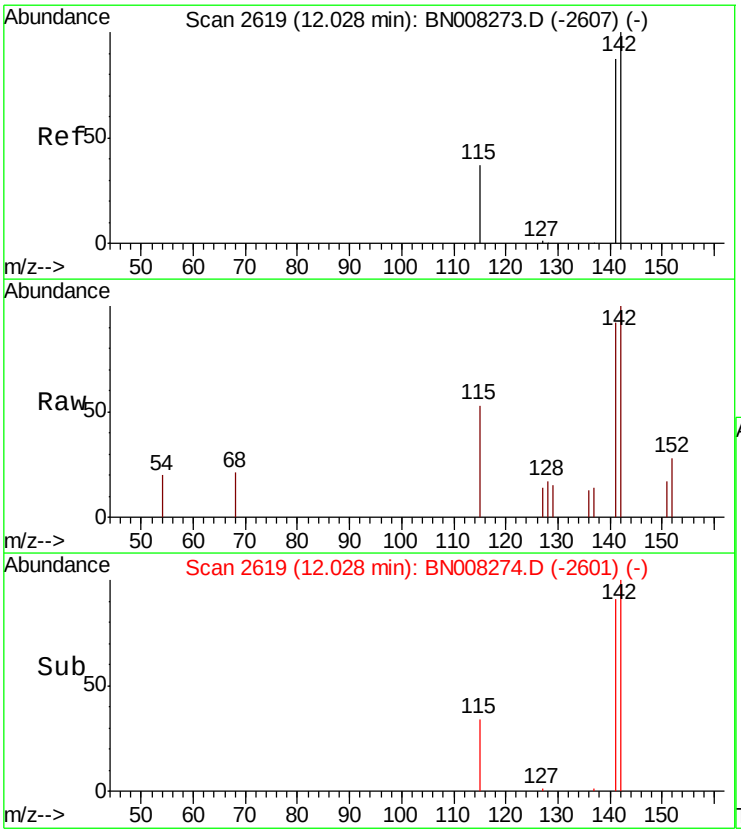
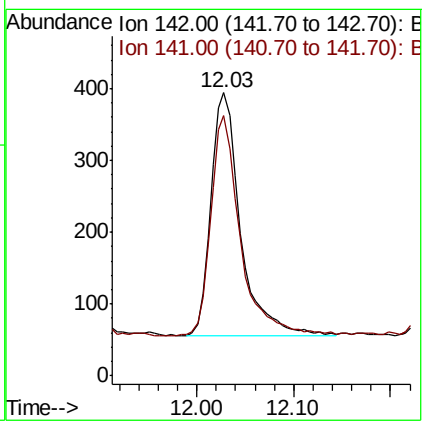


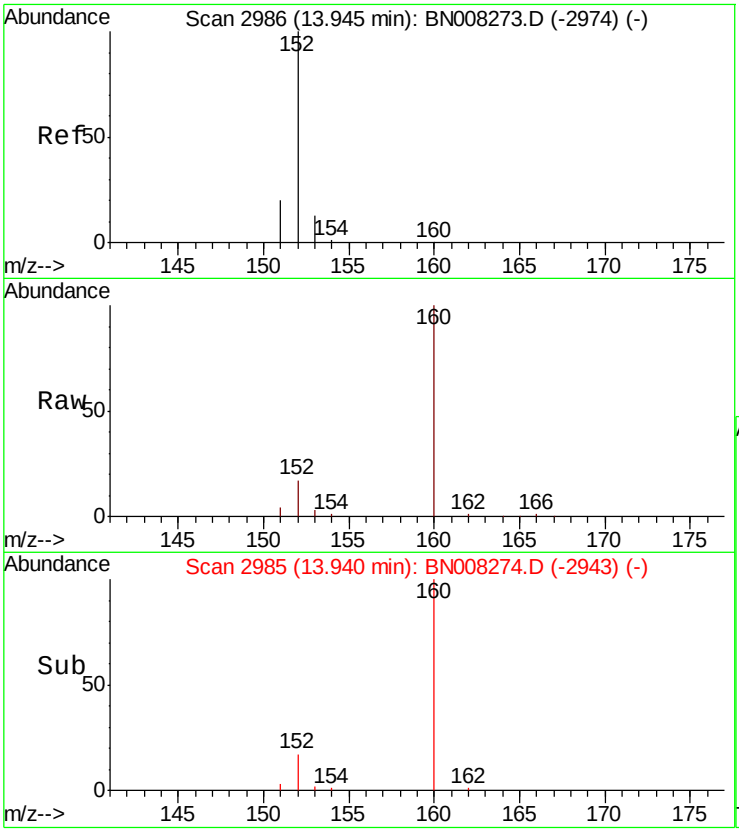


#5
2-Methylnaphthalene
Concen: 0.042 ng/ul
RT: 12.03 min Scan# 2619
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:142 Resp: 722

Ion	Ratio	Lower	Upper
142	100		
141	89.3	71.4	107.2

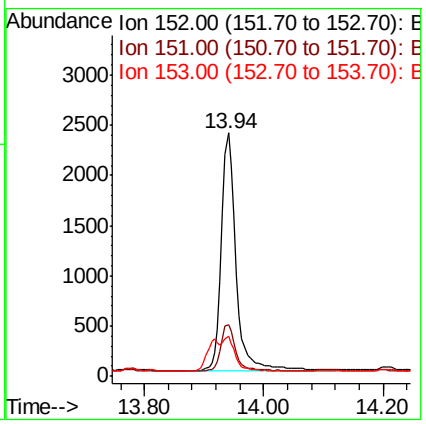




#7
Acenaphthylene
Concen: 0.154 ng/ul
RT: 13.94 min Scan# 2985
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:152 Resp: 4090

Ion	Ratio	Lower	Upper
152	100		
151	21.3	16.2	24.4
153	16.4	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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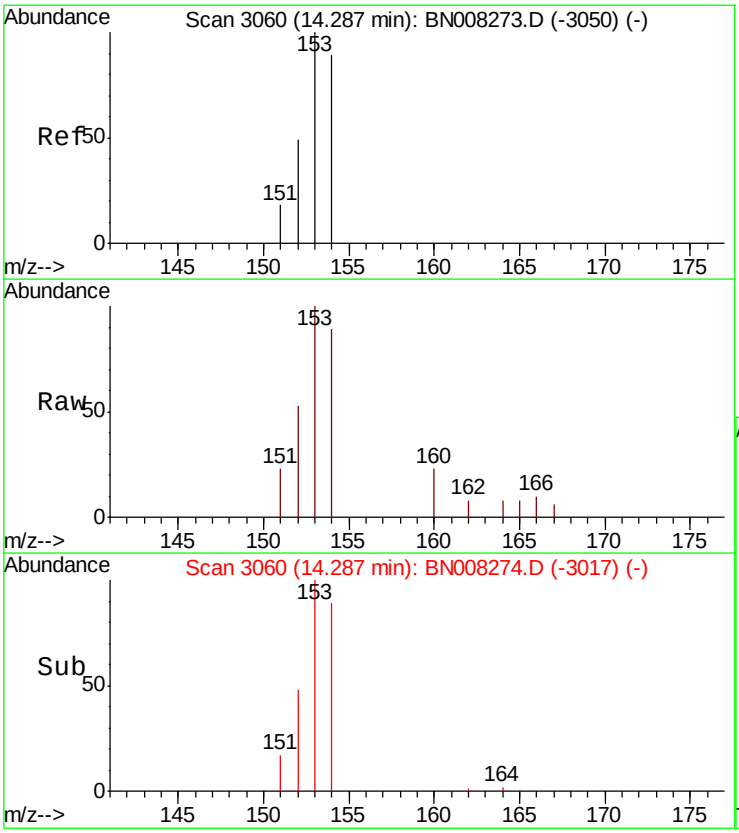
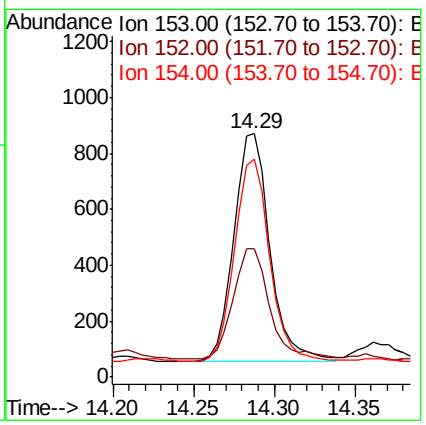
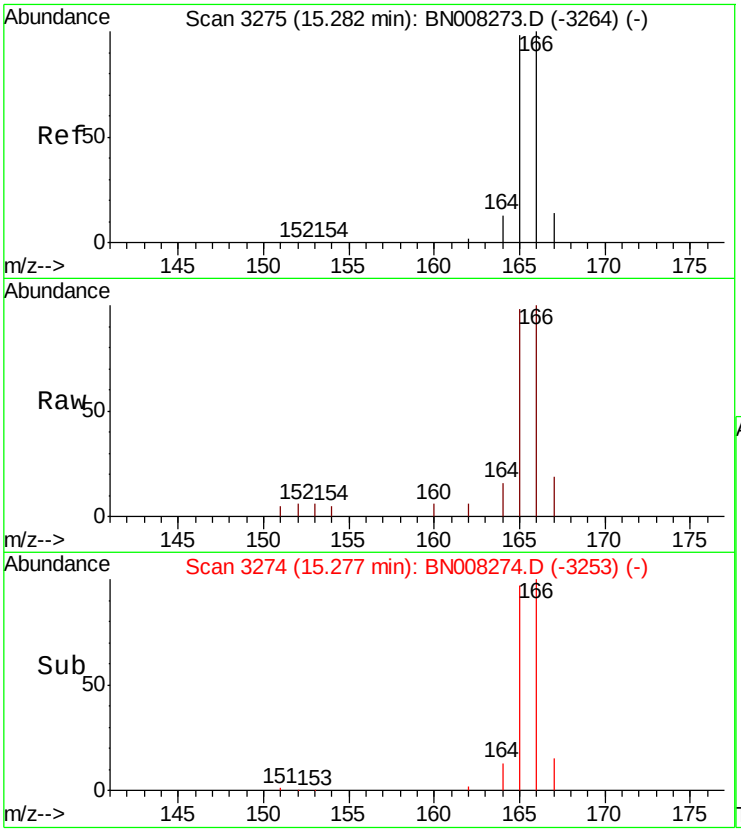


#8
Acenaphthene
Concen: 0.061 ng/ul
RT: 14.29 min Scan# 3060
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:153 Resp: 1266

Ion	Ratio	Lower	Upper
153	100		
152	52.9	38.2	57.2
154	89.3	71.8	107.8





#9
Fluorene
Concen: 0.078 ng/ul
RT: 15.28 min Scan# 3274
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:166 Resp: 1819

Ion	Ratio	Lower	Upper
166	100		
165	98.1	76.6	115.0
167	19.3	11.7	17.5#

Instrument :
BNA_N
ClientSampleId :
BEPJ6

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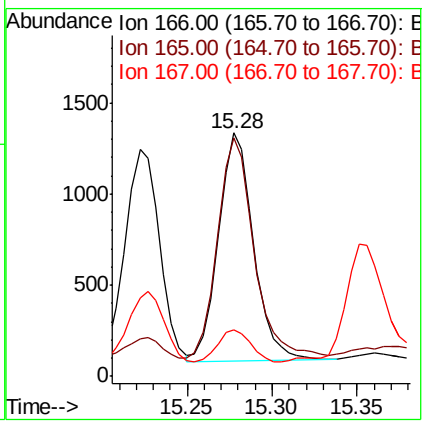
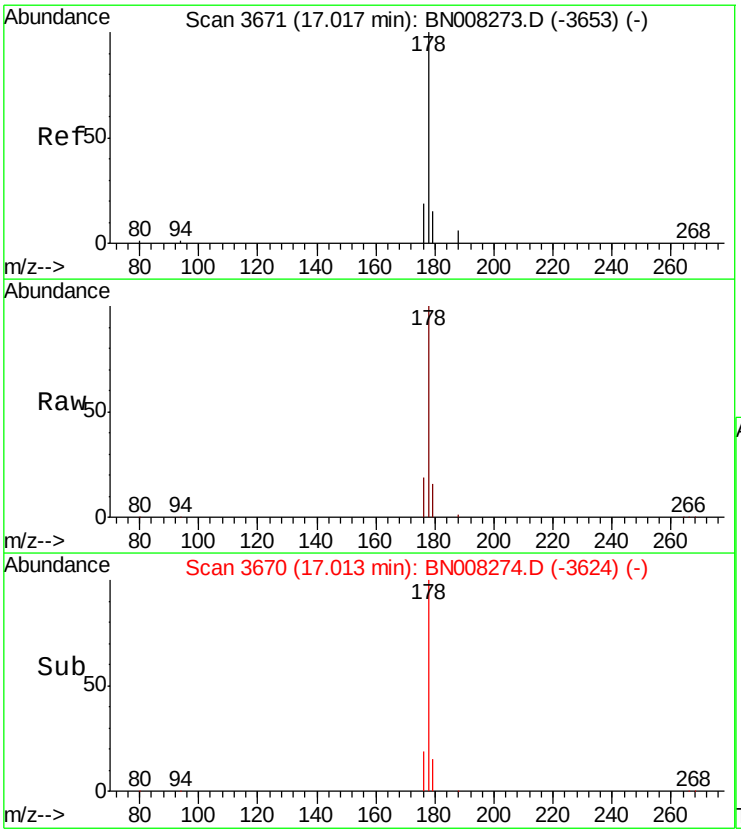
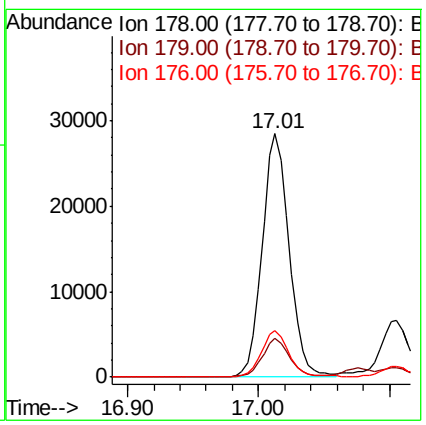


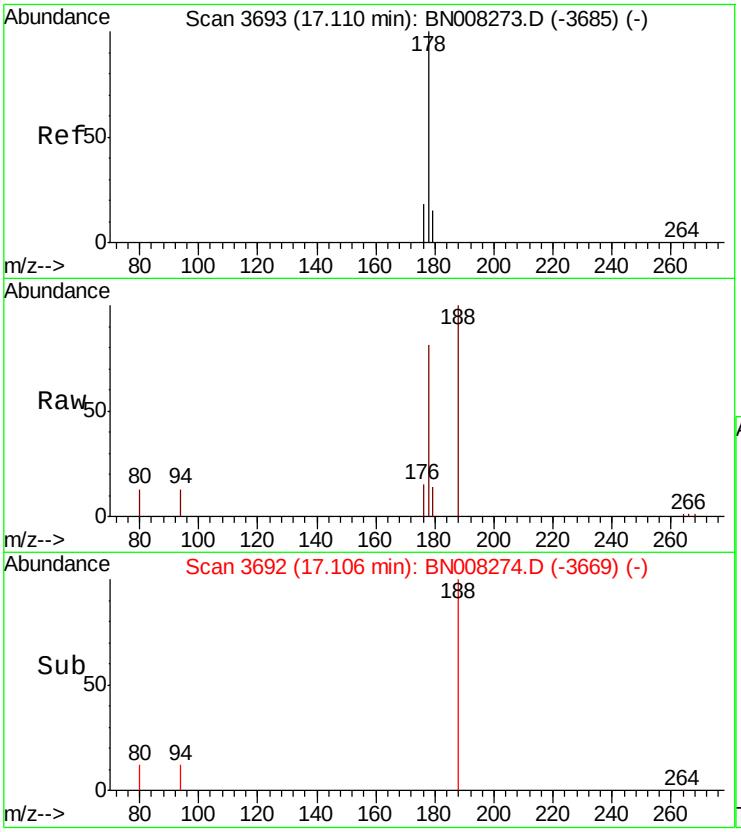


#12
Phenanthrene
Concen: 1.076 ng/ul
RT: 17.01 min Scan# 3670
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:178 Resp: 40138

Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.8	19.2
176	19.0	15.4	23.2

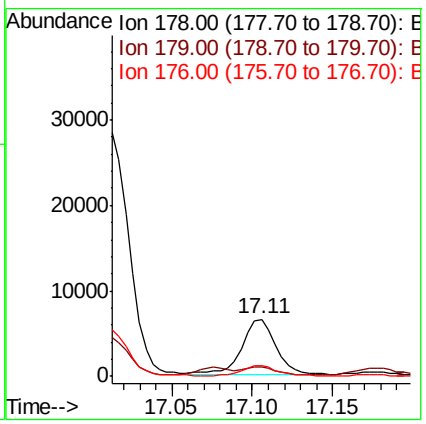




#13
Anthracene
Concen: 0.282 ng/ul
RT: 17.11 min Scan# 3692
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:178 Resp: 9254

Ion	Ratio	Lower	Upper
178	100		
179	17.0	13.0	19.6
176	18.7	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPJ6

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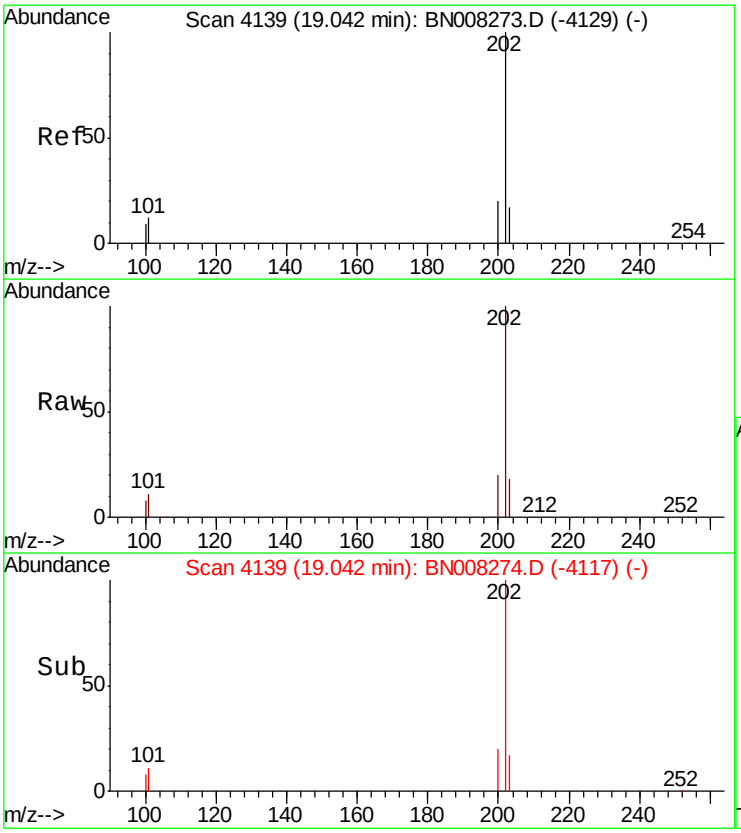
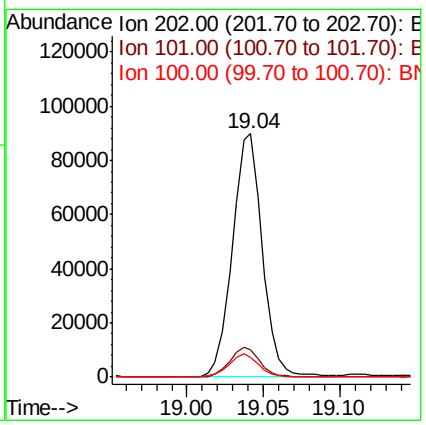
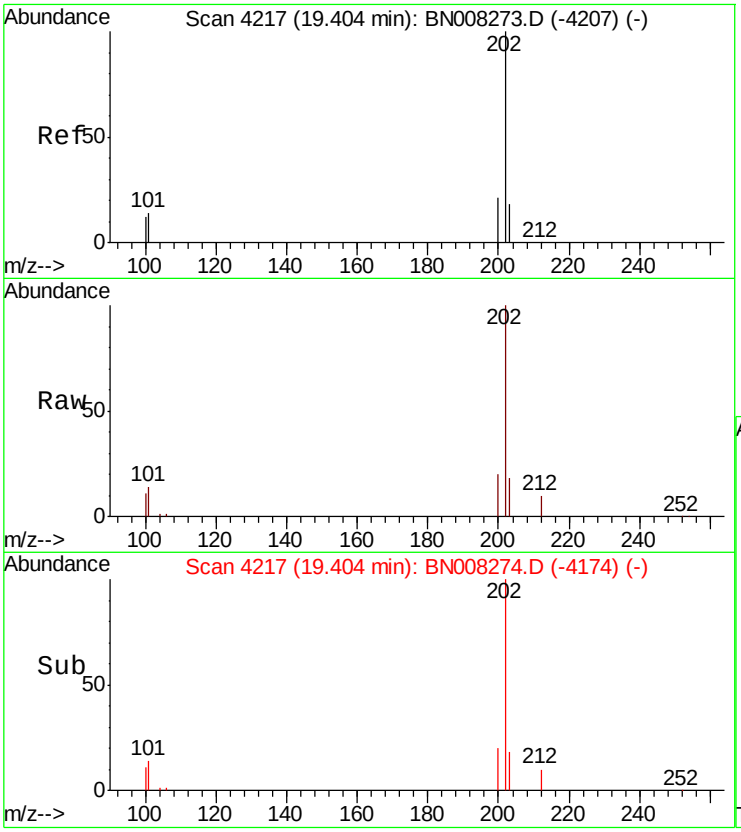


#15
Fluoranthene
Concen: 2.479 ng/ul
RT: 19.04 min Scan# 4139
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:202 Resp: 122192

Ion	Ratio	Lower	Upper
202	100		
101	11.1	0.0	31.2
100	8.3	0.0	28.5

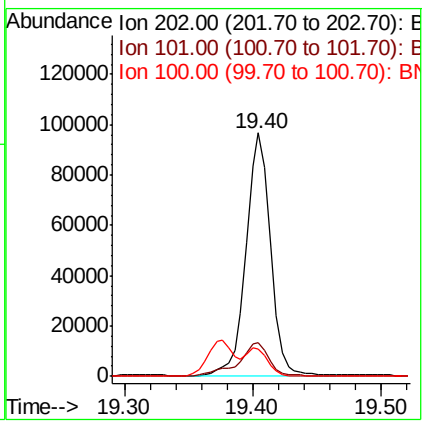




#17
Pyrene
Concen: 2.390 ng/ul
RT: 19.40 min Scan# 4217
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:202 Resp: 127188

Ion	Ratio	Lower	Upper
202	100		
101	13.8	10.9	16.3
100	11.4	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPJ6

Manual Integrations APPROVED
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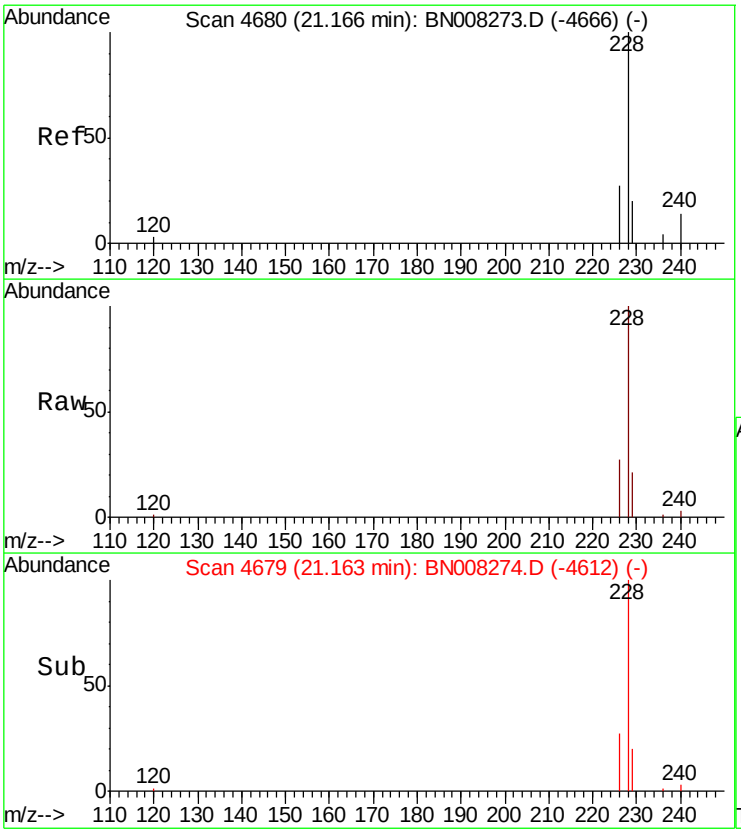
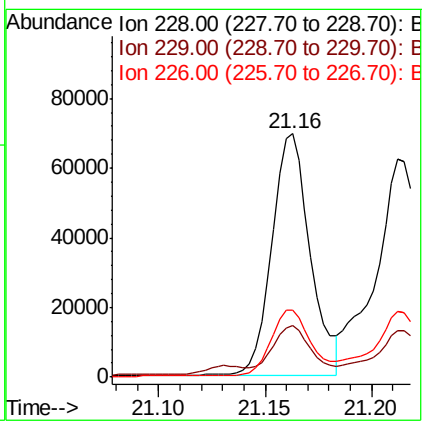
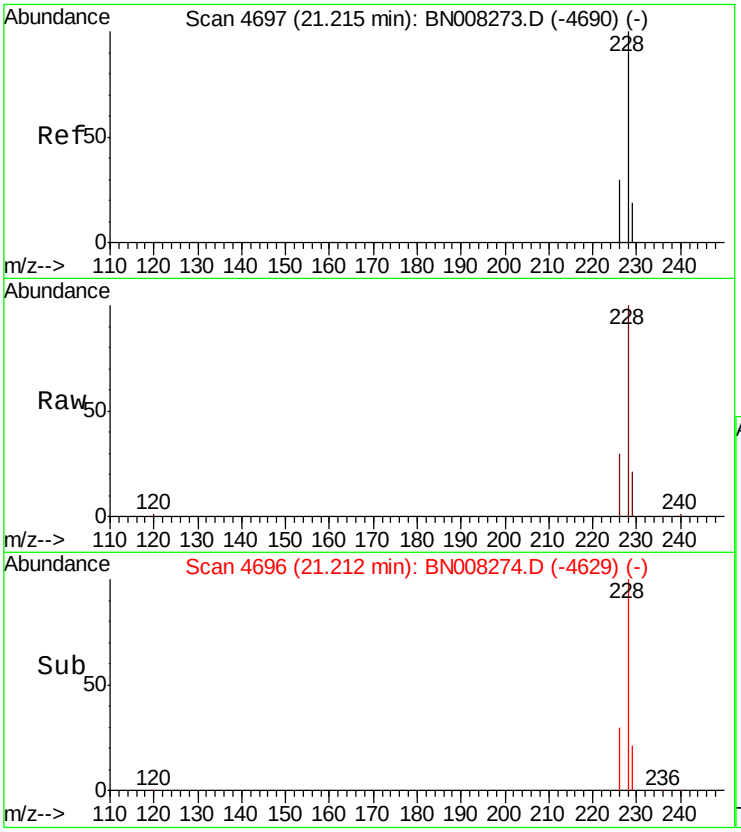


#18
Benzo(a)anthracene
Concen: 1.796 ng/ul
RT: 21.16 min Scan# 4679
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:228 Resp: 87251

Ion	Ratio	Lower	Upper
228	100		
229	21.2	16.2	24.2
226	27.4	21.4	32.0

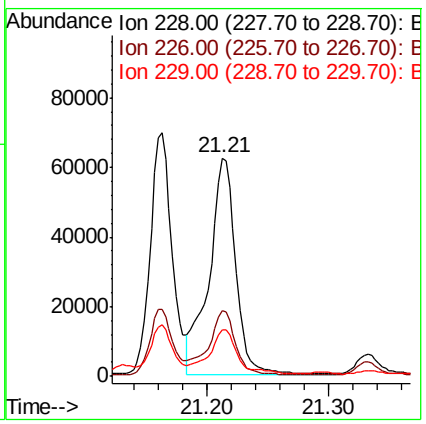




#19
Chrysene
Concen: 1.598 ng/ul
RT: 21.21 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:228 Resp: 95272

Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.1	36.1
229	21.3	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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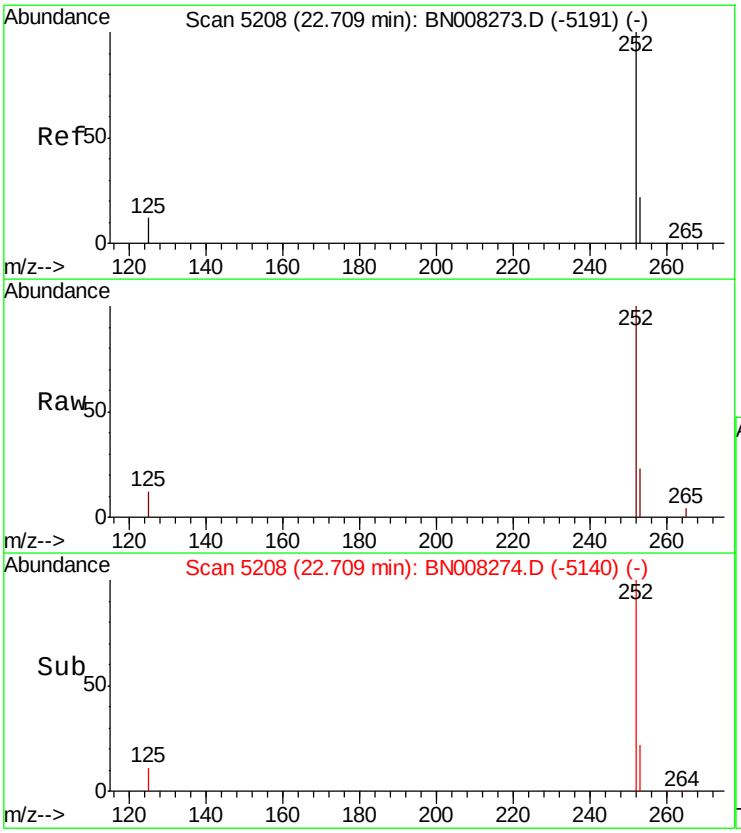
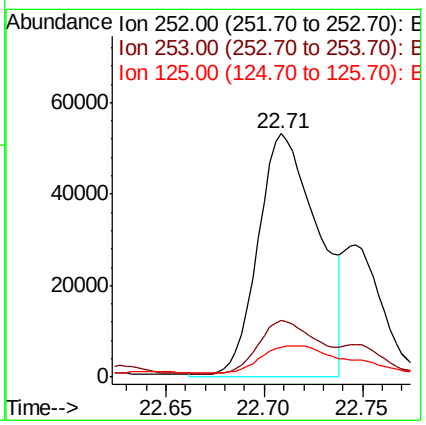
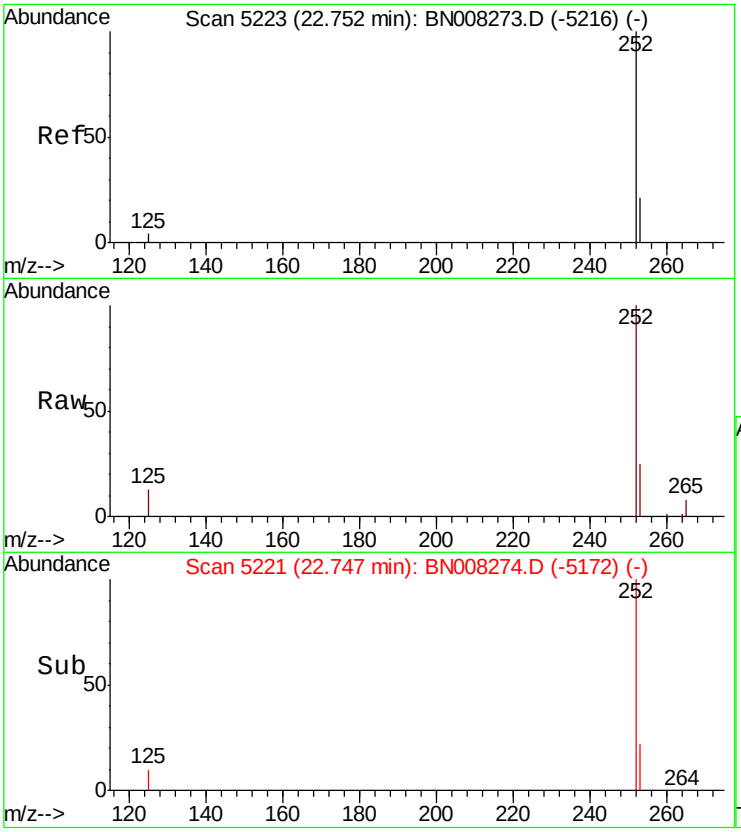


#21
Benzo(b)fluoranthene
Concen: 2.211 ng/ul m
RT: 22.71 min Scan# 5208
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:252 Resp: 114086

Ion	Ratio	Lower	Upper
252	100		
253	23.2	0.0	53.4
125	12.4	0.0	32.4

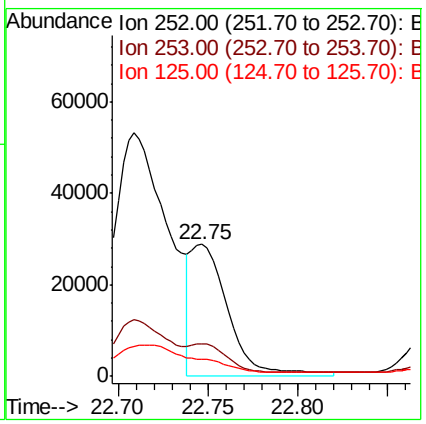




#22
Benzo(k)fluoranthene
Concen: 0.722 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:252 Resp: 42189

Ion	Ratio	Lower	Upper
252	100		
253	24.6	21.3	31.9
125	12.9	12.3	18.5



Instrument :
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ClientSampleId :
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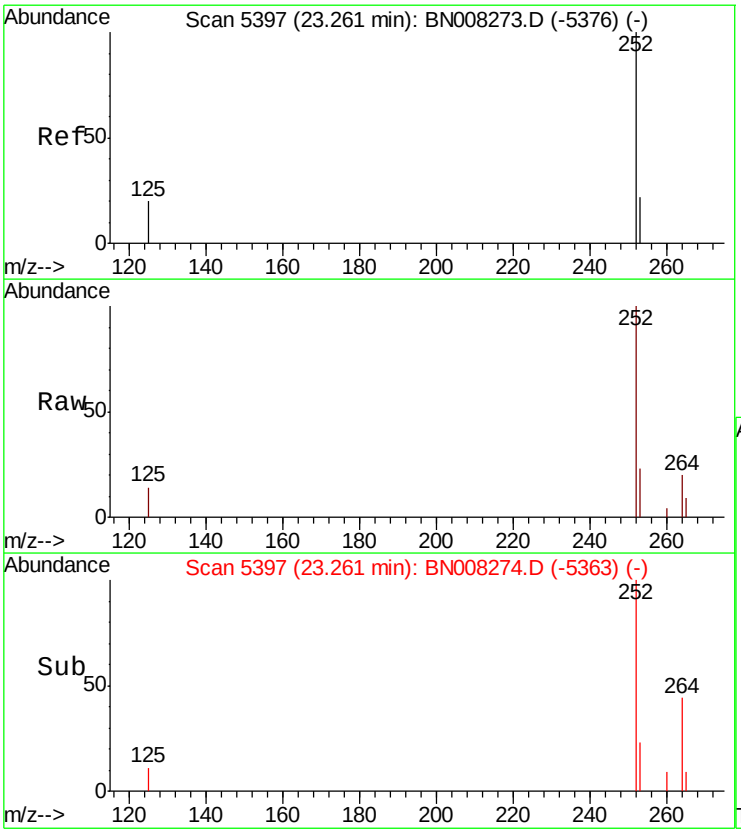
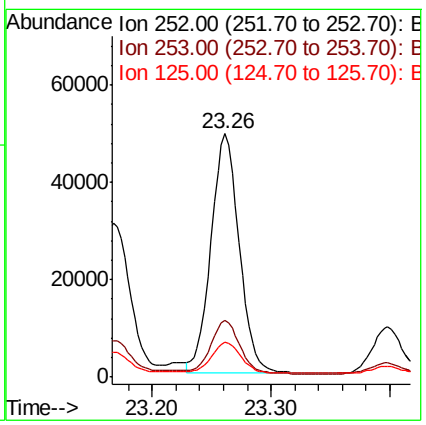
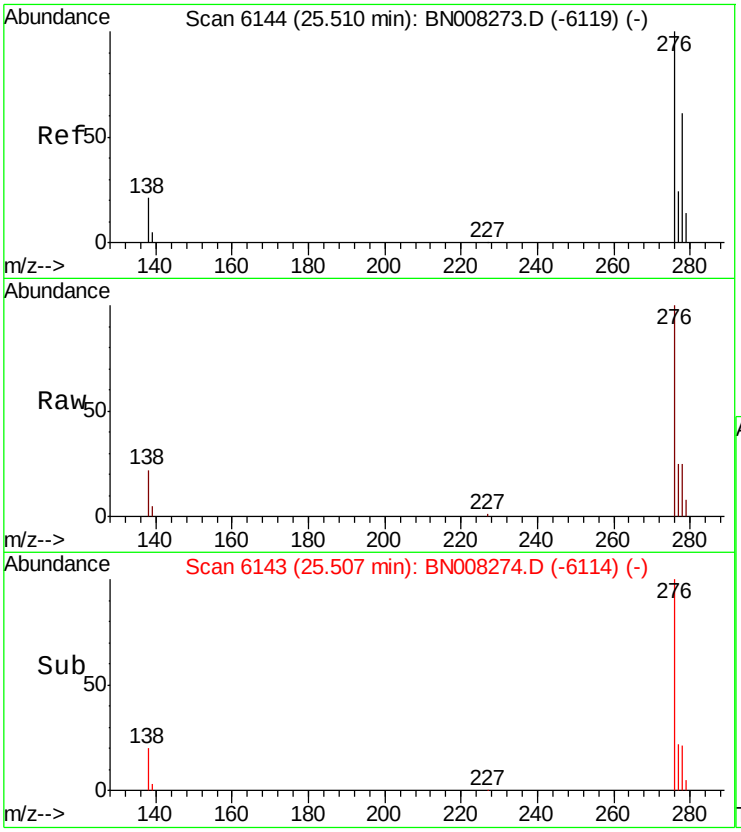


#23
Benzo(a)pyrene
Concen: 1.504 ng/ul
RT: 23.26 min Scan# 5397
Delta R.T. 0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:252 Resp: 81696

Ion	Ratio	Lower	Upper
252	100		
253	23.3	22.8	34.2
125	14.4	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.719 ng/ul
RT: 25.51 min Scan# 6143
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:276 Resp: 45958

Ion	Ratio	Lower	Upper
276	100		
138	20.2	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPJ6

Manual Integrations APPROVED
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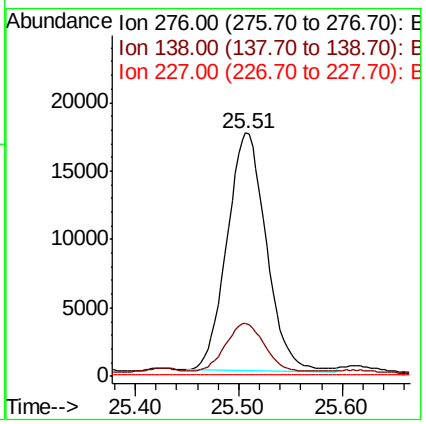
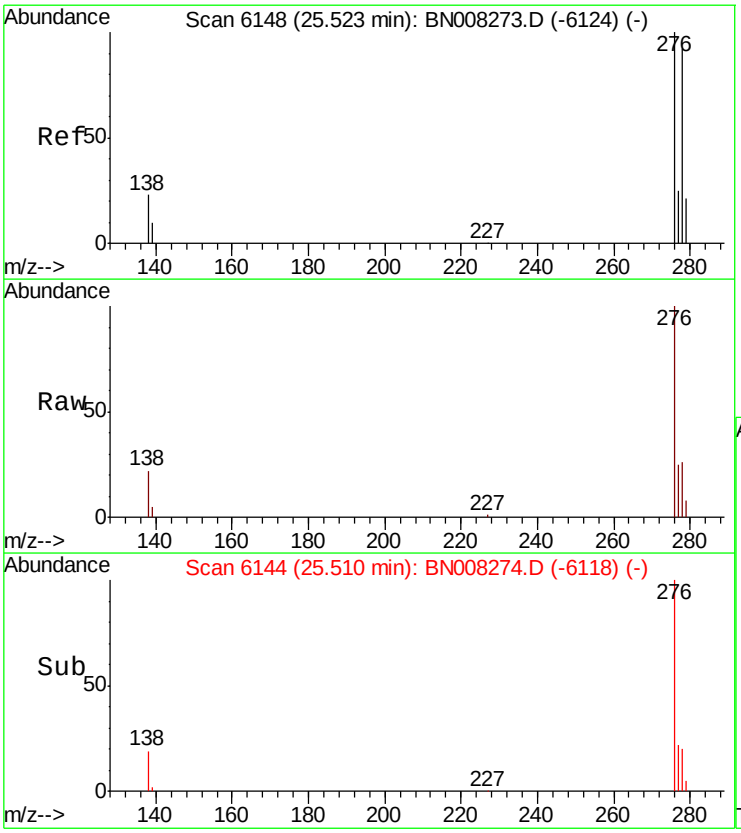
10/22/2019 3:26:51 PM

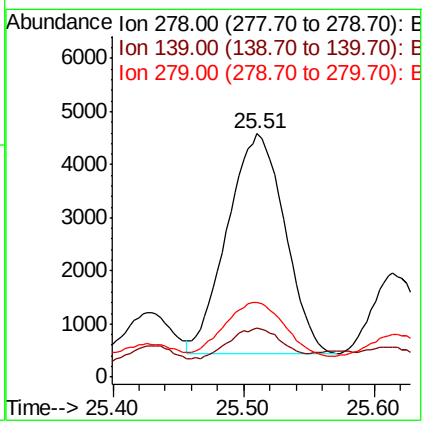


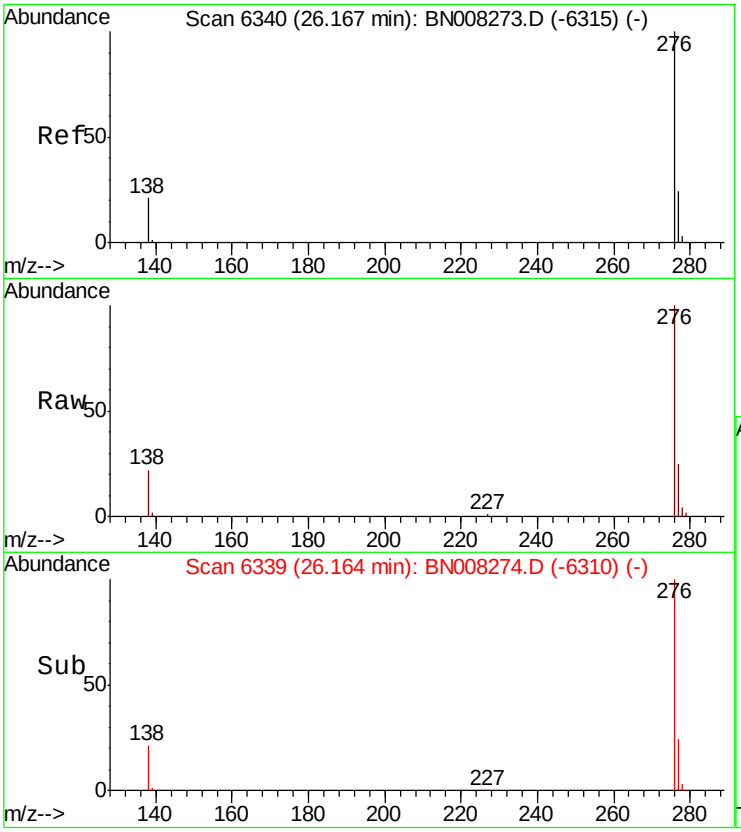


#25
Dibenzo(a,h)anthracene
Concen: 0.250 ng/ul
RT: 25.51 min Scan# 6144
Delta R.T. -0.01 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:278 Resp: 12652

Ion	Ratio	Lower	Upper
278	100		
139	19.9	15.0	22.6
279	30.9	22.4	33.6

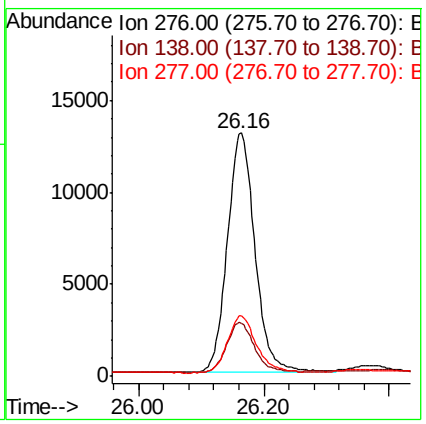




#26
Benzo(g,h,i)perylene
Concen: 0.680 ng/ul
RT: 26.16 min Scan# 6339
Delta R.T. -0.00 min
Lab File: BN008274.D
Acq: 21 Oct 2019 09:50

Tgt Ion:276 Resp: 39886

Ion	Ratio	Lower	Upper
276	100		
138	21.9	17.0	25.4
277	24.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPJ6

Manual Integrations APPROVED
mohammad
10/22/2019 3:26:51 PM