Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN110719\
Data File : BN008504.D
Acq On : 08 Nov 2019 12:16
Operator : JU
Sample : K5699-05
Misc :
ALS Vial : 24 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : F2J02

Manual Integrations APPROVED
mohammad
11/11/2019 8:08:51 AM

Quant Time: Nov 08 13:24:34 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1527	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6240	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3377	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.94	188	6170m	0.40	ng/ul	0.00
16) Chrysene-d12	21.15	240	4792	0.40	ng/ul	0.00
20) Perylene-d12	23.31	264	6055	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2630	0.27	ng/ul	-0.01
14) Fluoranthene-d10	18.98	212	5468	0.30	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.36	128	22283	1.255	ng/ul	98
5) 2-Methylnaphthalene	11.98	142	1136	0.096	ng/ul	98
7) Acenaphthylene	13.90	152	3660	0.233	ng/ul	98
8) Acenaphthene	14.25	153	2442	0.192	ng/ul	99
9) Fluorene	15.25	166	1669	0.120	ng/ul#	98
11) Pentachlorophenol	16.61	266	40	0.030	ng/ul#	81
12) Phenanthrene	16.98	178	3444	0.184	ng/ul	96
13) Anthracene	17.07	178	10728	0.653	ng/ul	99
15) Fluoranthene	19.00	202	21251	0.988	ng/ul	99
17) Pyrene	19.37	202	29900	1.278	ng/ul	99
18) Benzo(a)anthracene	21.13	228	14498	0.869	ng/ul	97
19) Chrysene	21.18	228	14724	0.693	ng/ul	99
21) Benzo(b)fluoranthene	22.67	252	40386m	1.790	ng/ul	
22) Benzo(k)fluoranthene	22.71	252	12976m	0.506	ng/ul	
23) Benzo(a)pyrene	23.22	252	17007	0.749	ng/ul#	69
24) Indeno(1,2,3-cd)pyrene	25.45	276	11657	0.451	ng/ul#	100
25) Dibenzo(a,h)anthracene	25.46	278	3043	0.149	ng/ul#	89
26) Benzo(g,h,i)perylene	26.10	276	9561	0.413	ng/ul	99

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

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QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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Manual Integrations APPROVED
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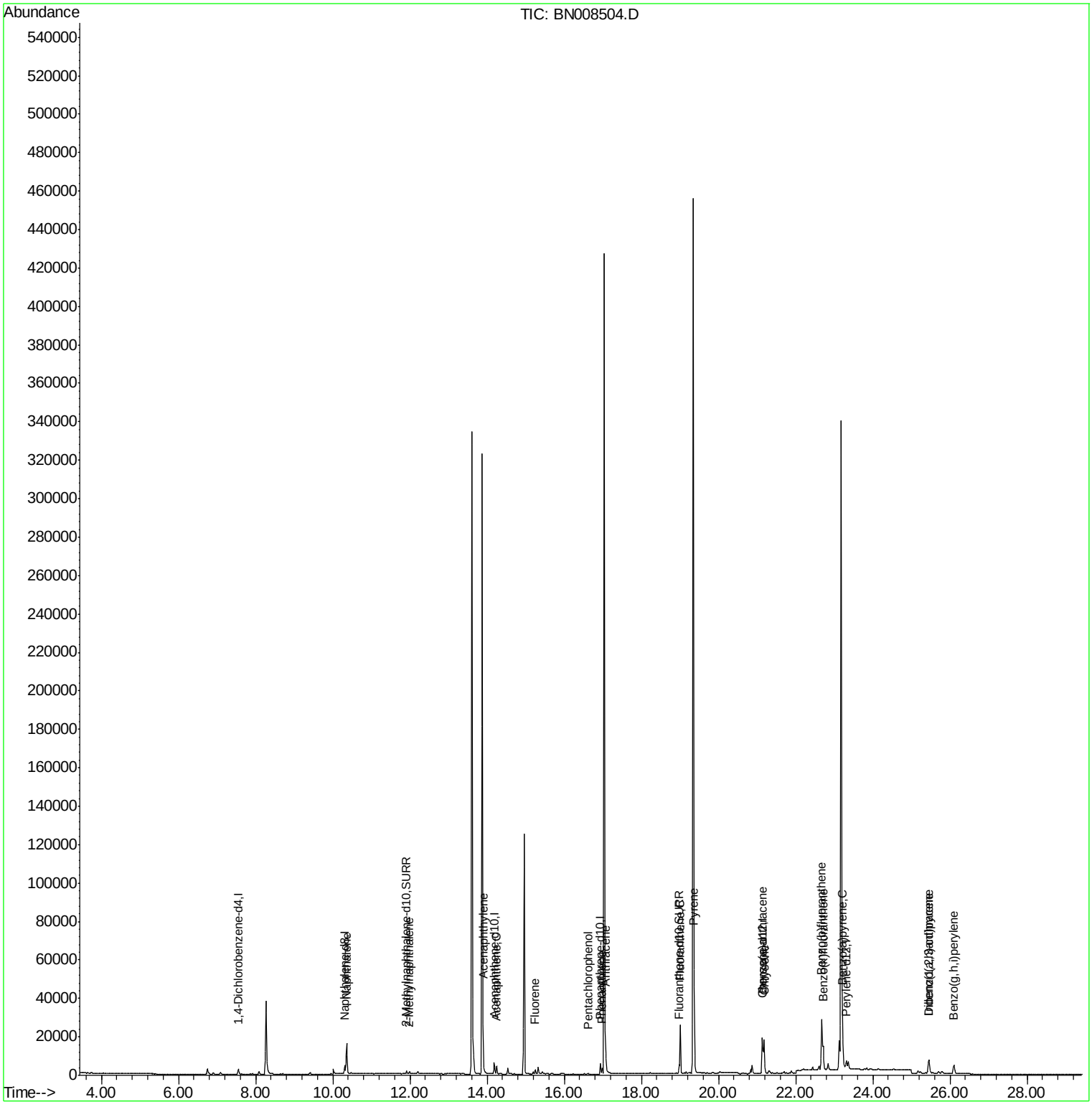
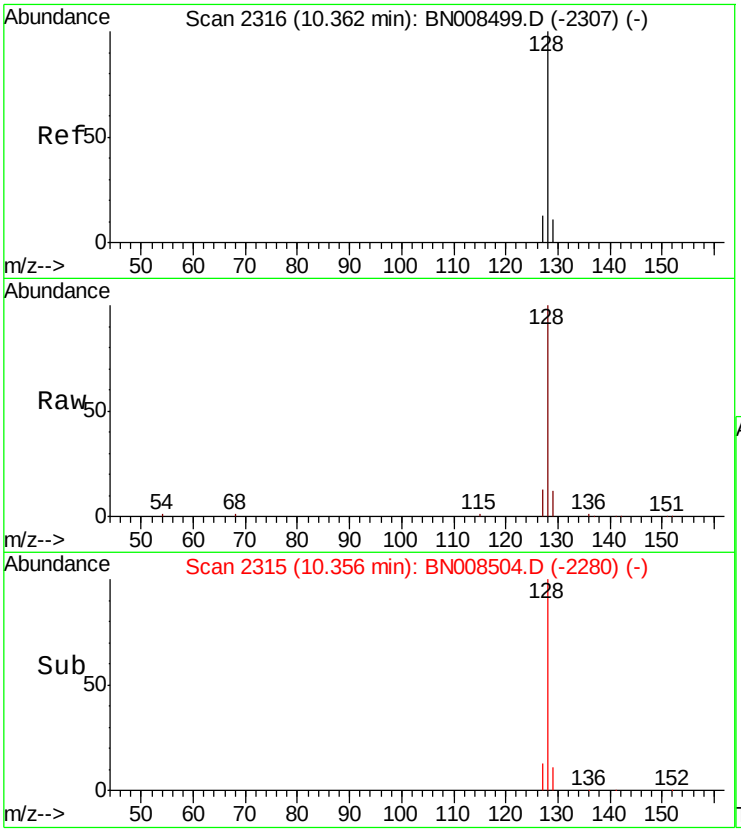
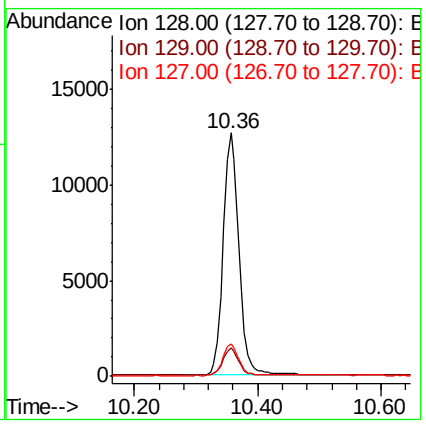




#3
Naphthalene
Concen: 1.255 ng/ul
RT: 10.36 min Scan# 2315
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:128 Resp: 22283

Ion	Ratio	Lower	Upper
128	100		
129	11.6	10.0	15.0
127	13.4	11.6	17.4



Instrument :
BNA_N
ClientSampleId :
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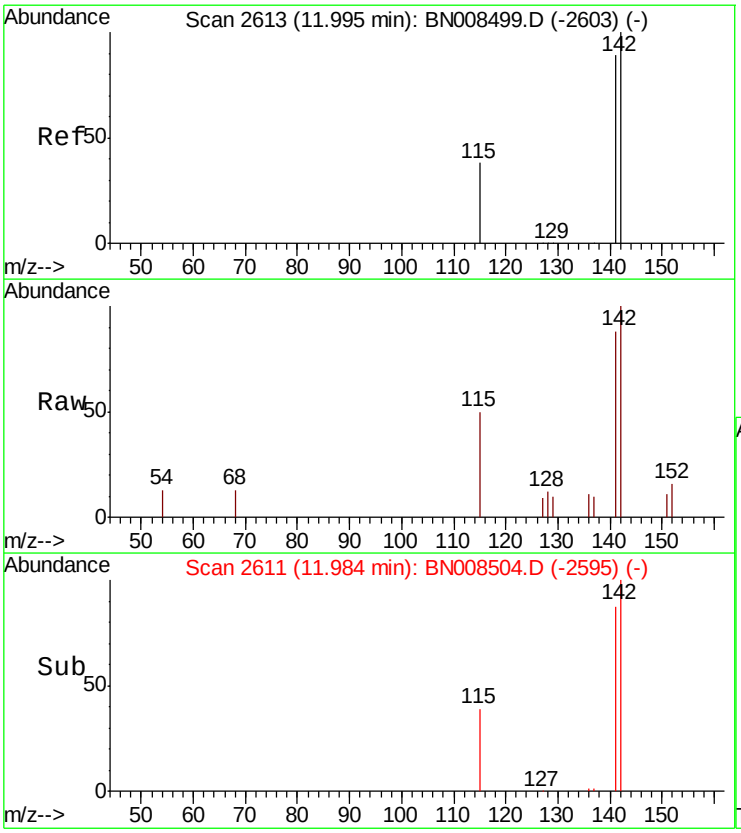
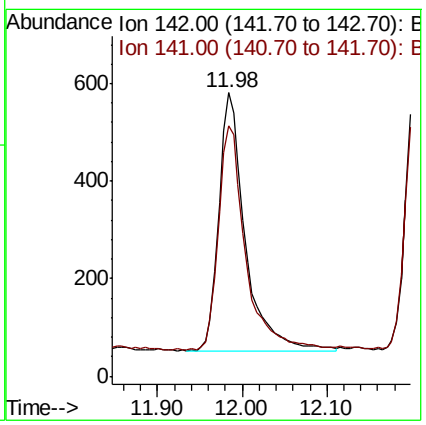
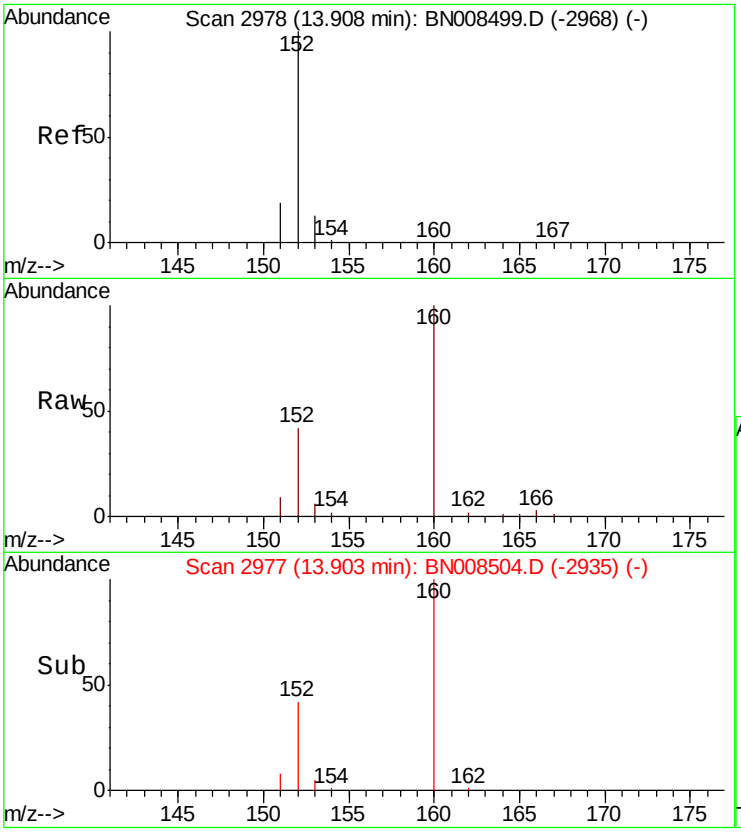


#5
2-Methylnaphthalene
Concen: 0.096 ng/ul
RT: 11.98 min Scan# 2611
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:142 Resp: 1136

Ion	Ratio	Lower	Upper
142	100		
141	89.1	72.8	109.2

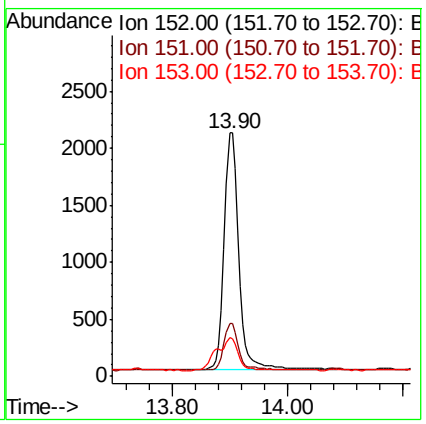




#7
Acenaphthylene
Concen: 0.233 ng/ul
RT: 13.90 min Scan# 2977
Delta R.T. -0.00 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:152 Resp: 3660

Ion	Ratio	Lower	Upper
152	100		
151	21.9	16.7	25.1
153	15.3	11.4	17.2



Instrument :
BNA_N
ClientSampleId :
F2J02

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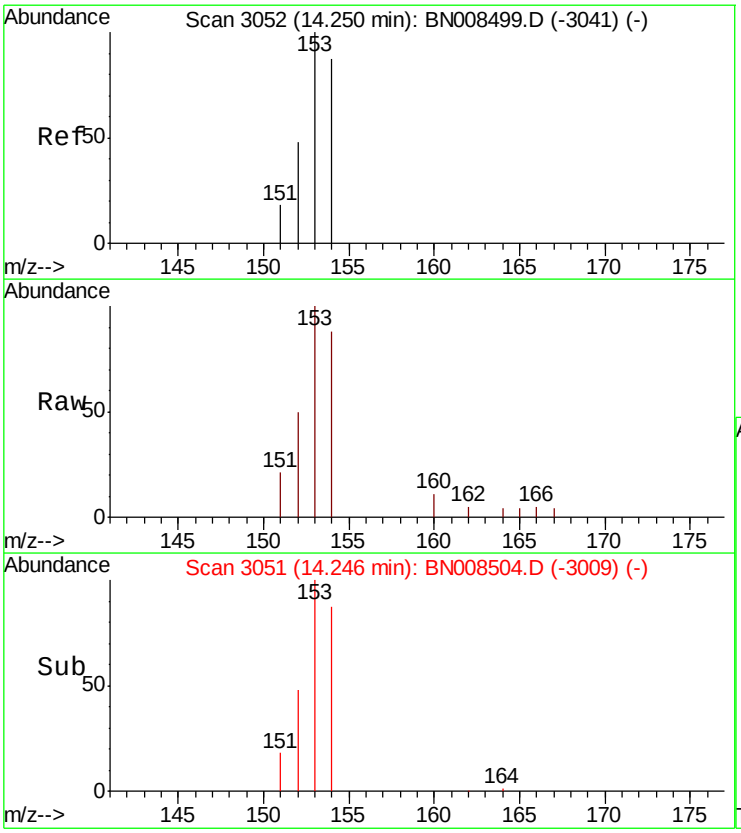
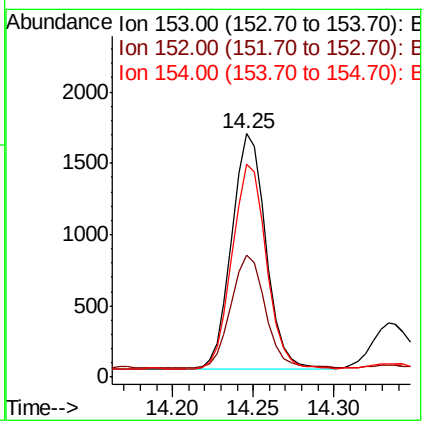
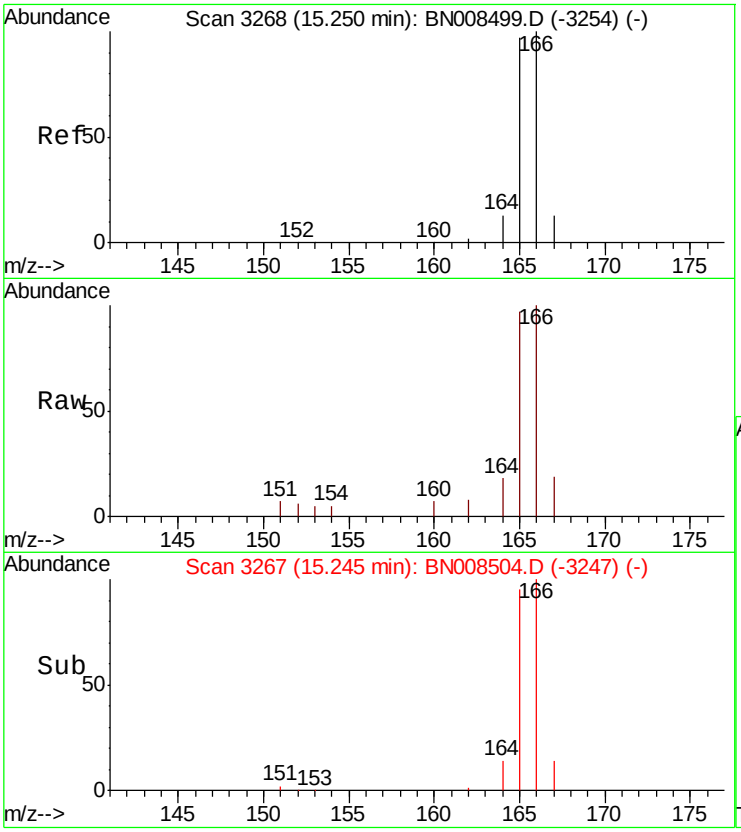


#8
Acenaphthene
Concen: 0.192 ng/ul
RT: 14.25 min Scan# 3051
Delta R.T. -0.00 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:153 Resp: 2442

Ion	Ratio	Lower	Upper
153	100		
152	50.2	39.8	59.8
154	87.6	71.6	107.4





#9
Fluorene
Concen: 0.120 ng/ul
RT: 15.25 min Scan# 3267
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:166 Resp: 1669

Ion	Ratio	Lower	Upper
166	100		
165	96.7	78.2	117.2
167	18.8	12.1	18.1#

Instrument :
BNA_N
ClientSampleId :
F2J02

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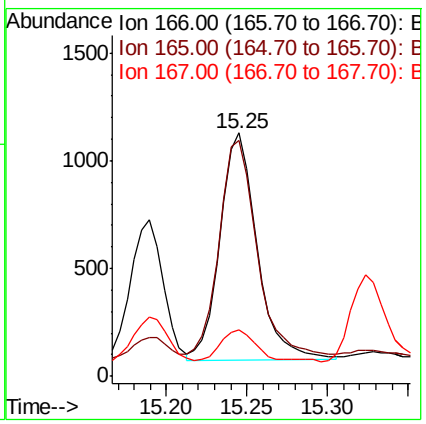
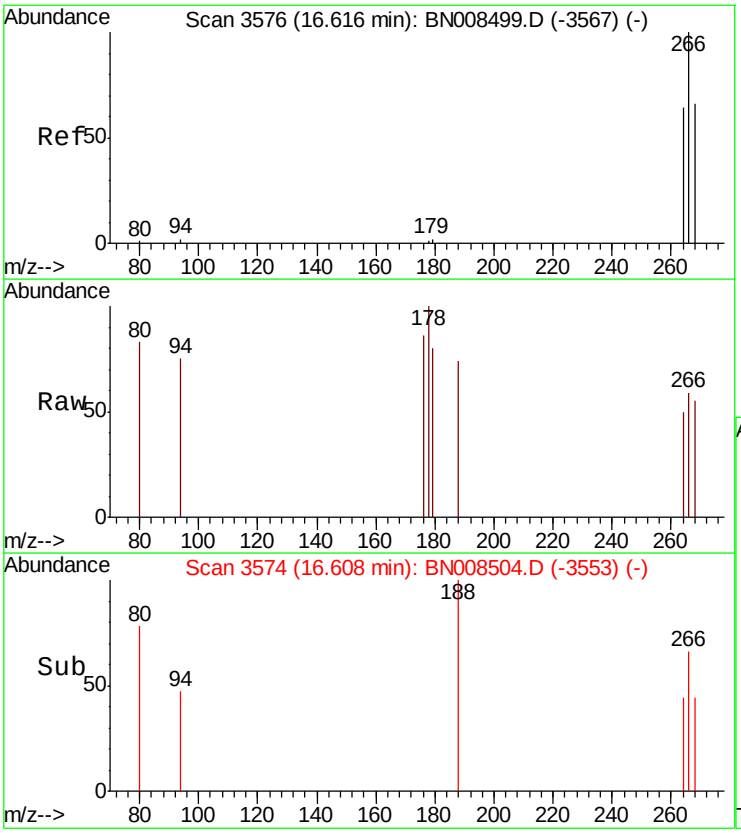
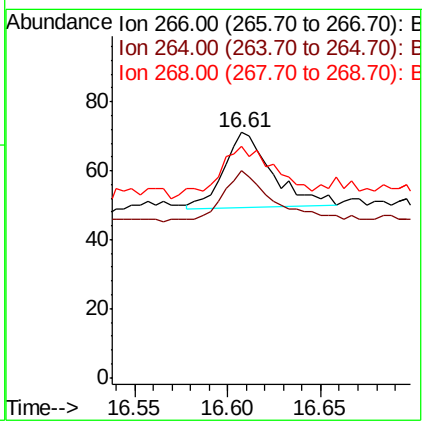


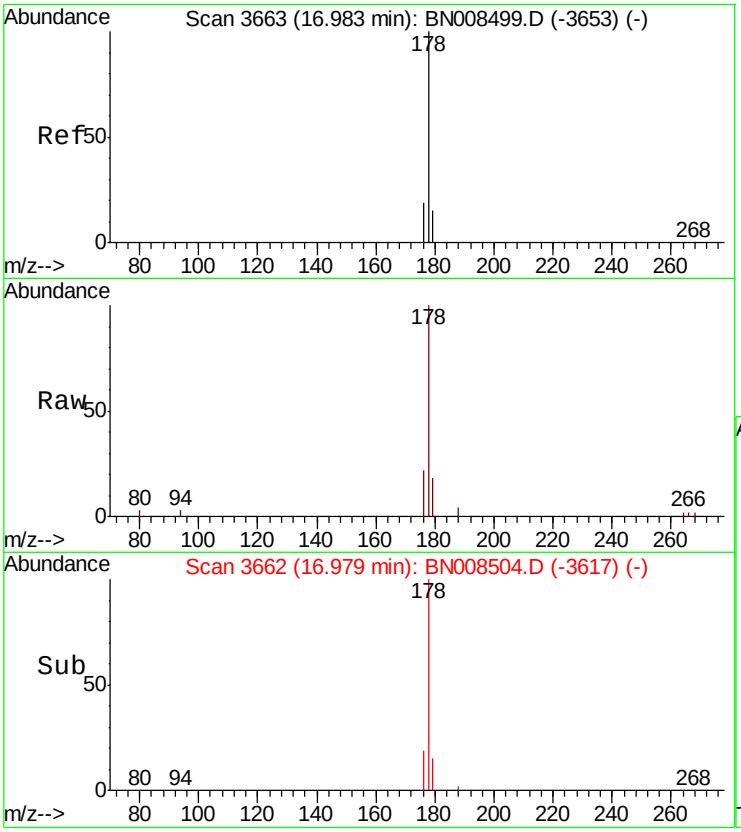


#11
Pentachlorophenol
Concen: 0.030 ng/ul
RT: 16.61 min Scan# 3574
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:266 Resp: 40

Ion	Ratio	Lower	Upper
266	100		
264	75.0	49.8	74.8#
268	80.0	51.0	76.6#

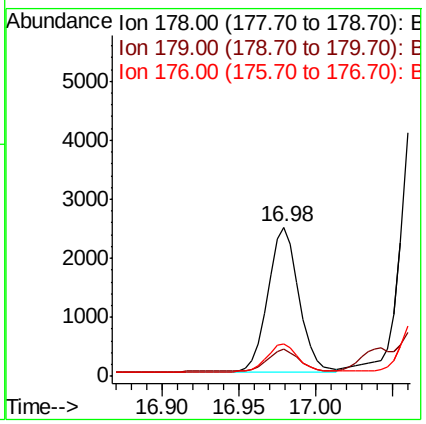




#12
Phenanthrene
Concen: 0.184 ng/ul
RT: 16.98 min Scan# 3662
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:178 Resp: 3444

Ion	Ratio	Lower	Upper
178	100		
179	18.0	13.2	19.8
176	21.6	15.6	23.4



Instrument :
BNA_N
ClientSampleId :
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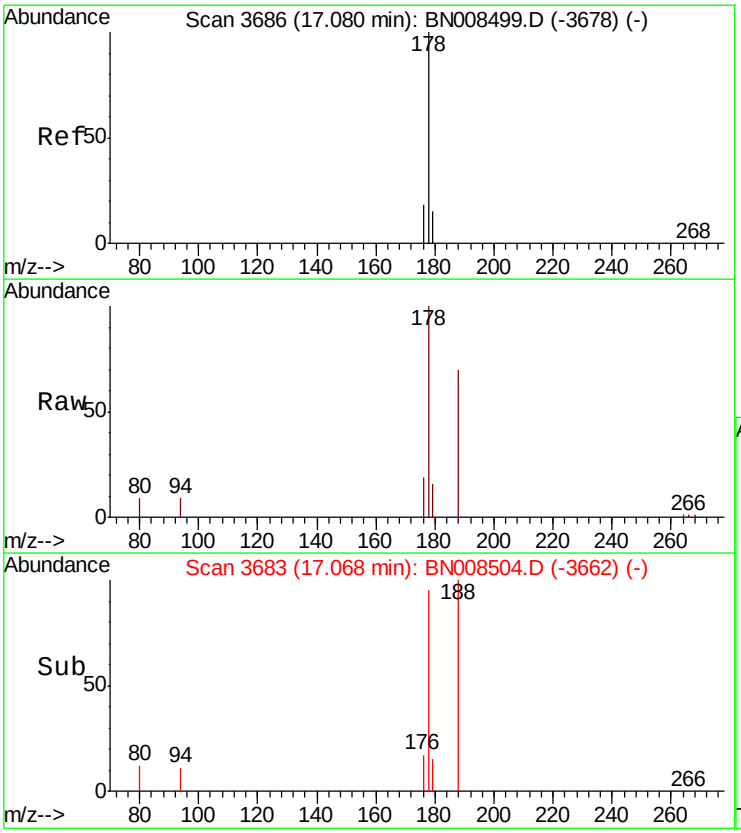
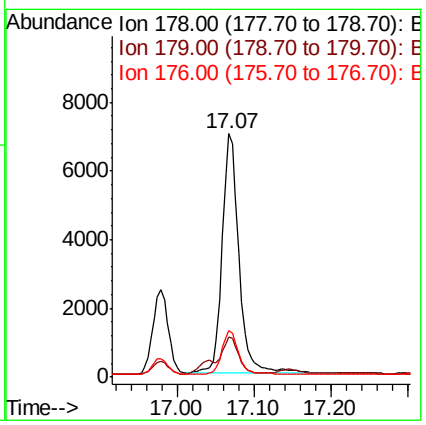
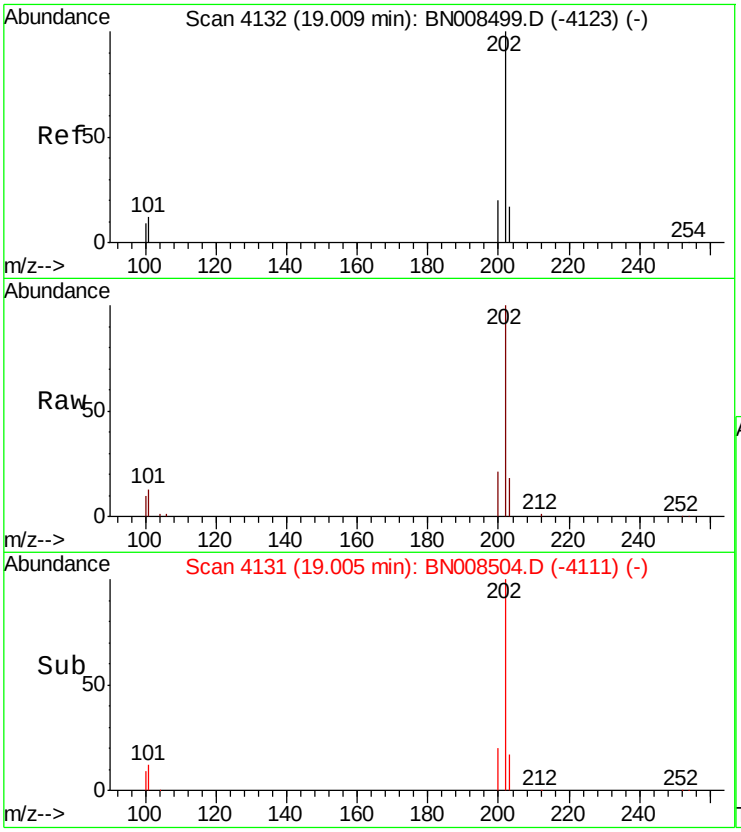


#13
Anthracene
Concen: 0.653 ng/ul
RT: 17.07 min Scan# 3683
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:178 Resp: 10728

Ion	Ratio	Lower	Upper
178	100		
179	16.3	13.7	20.5
176	19.3	15.7	23.5

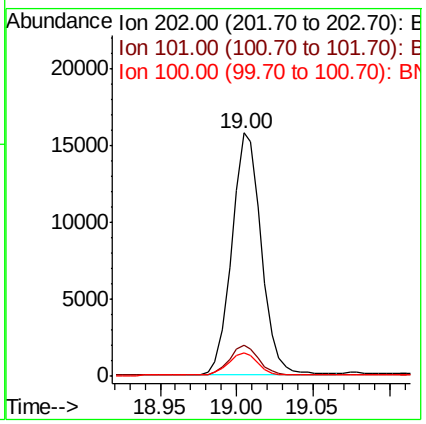




#15
Fluoranthene
Concen: 0.988 ng/ul
RT: 19.00 min Scan# 4131
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:202 Resp: 21251

Ion	Ratio	Lower	Upper
202	100		
101	12.9	0.0	33.0
100	9.8	0.0	30.2



Instrument :
BNA_N
ClientSampleId :
F2J02

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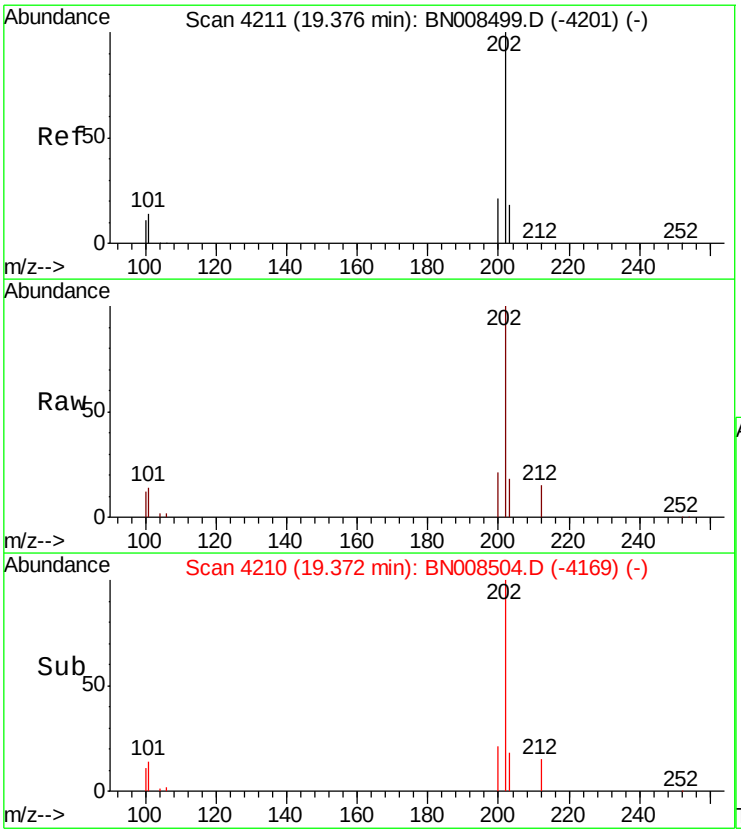
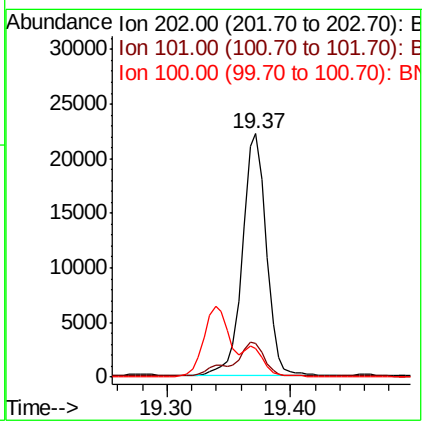
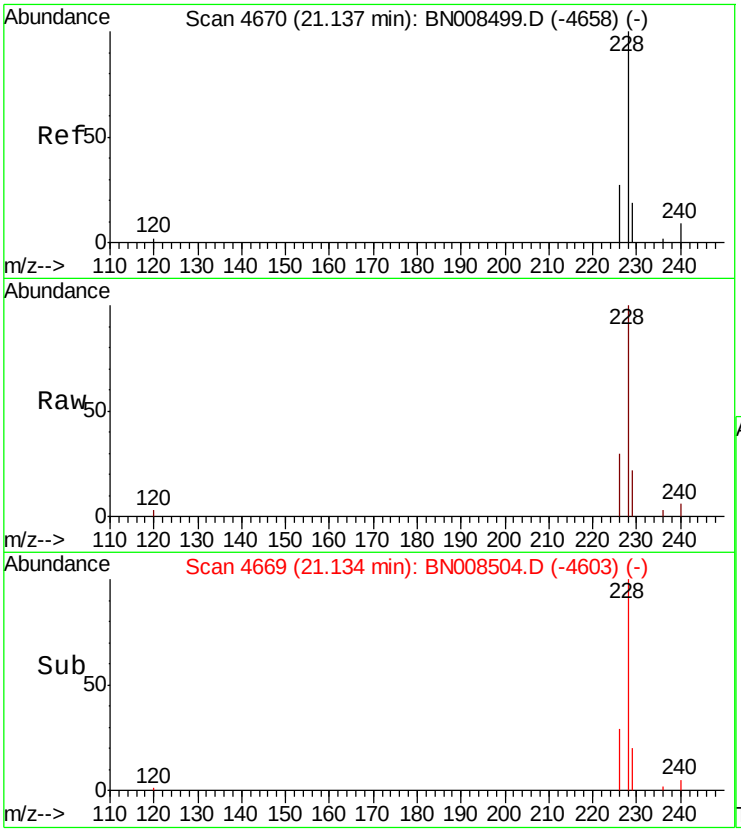


#17
Pyrene
Concen: 1.278 ng/ul
RT: 19.37 min Scan# 4210
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:202 Resp: 29900

Ion	Ratio	Lower	Upper
202	100		
101	14.0	11.6	17.4
100	11.6	9.4	14.0

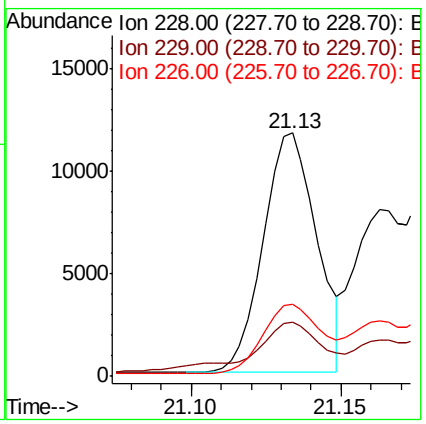




#18
Benzo(a)anthracene
Concen: 0.869 ng/ul
RT: 21.13 min Scan# 4669
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:228 Resp: 14498

Ion	Ratio	Lower	Upper
228	100		
229	22.3	16.6	24.8
226	29.9	22.8	34.2



Instrument :
BNA_N
ClientSampleId :
F2J02

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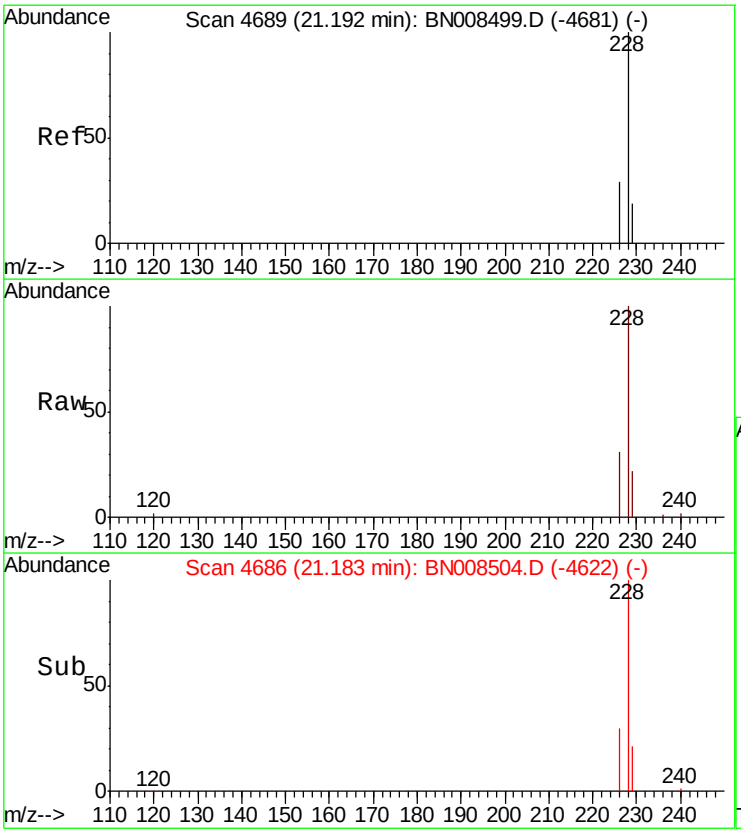
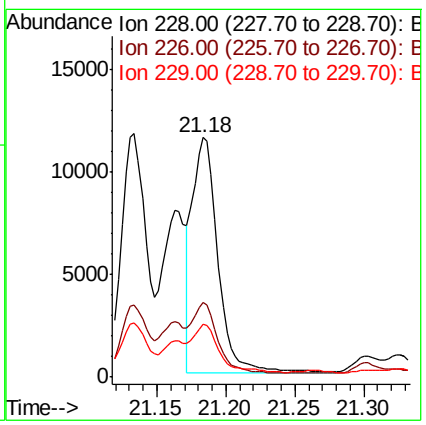
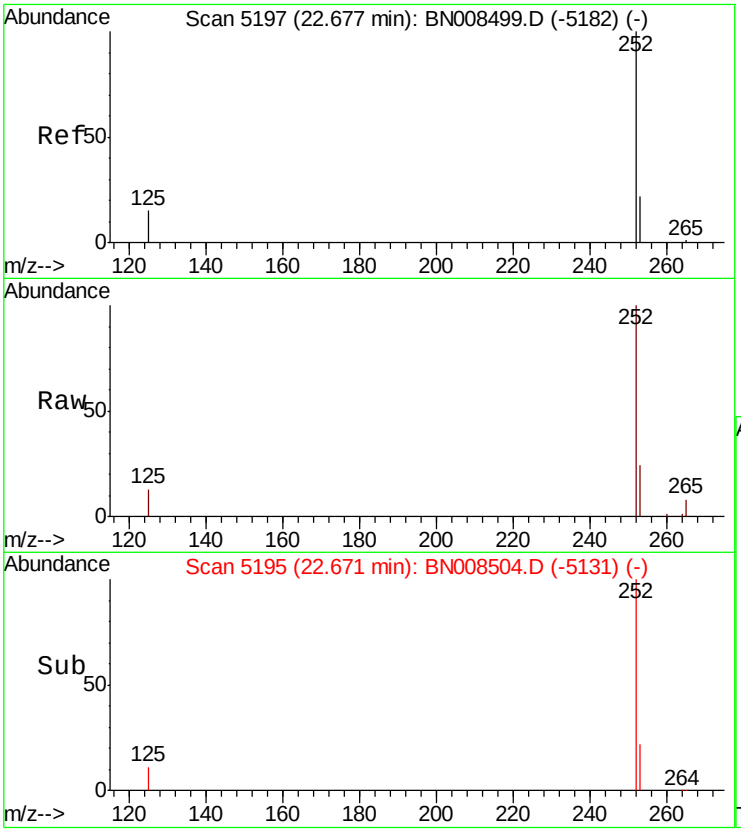


#19
Chrysene
Concen: 0.693 ng/ul
RT: 21.18 min Scan# 4686
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:228 Resp: 14724

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.9	37.3
229	21.8	16.6	25.0

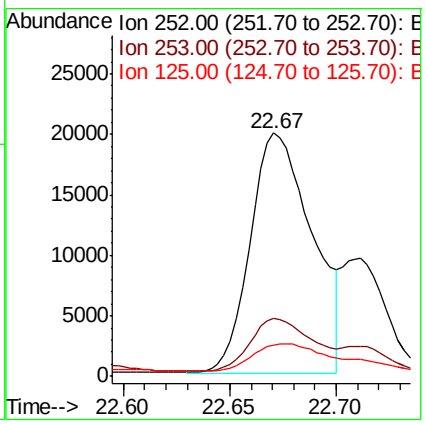




#21
Benzo(b)fluoranthene
Concen: 1.790 ng/ul m
RT: 22.67 min Scan# 5195
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:252 Resp: 40386

Ion	Ratio	Lower	Upper
252	100		
253	23.6	0.0	58.4
125	12.9	0.0	58.6



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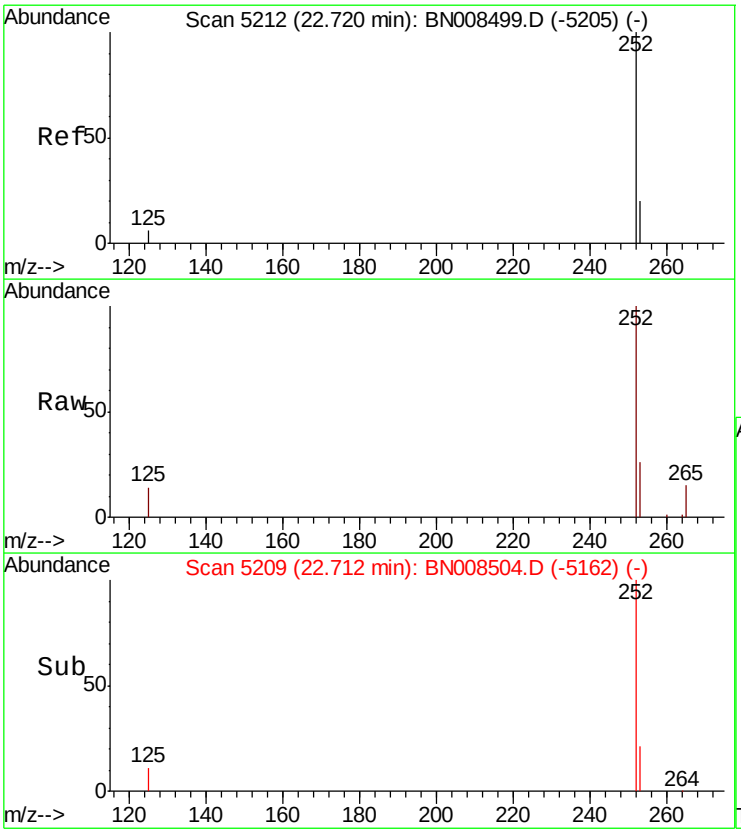
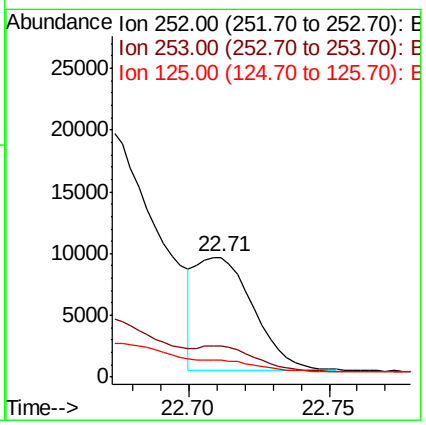
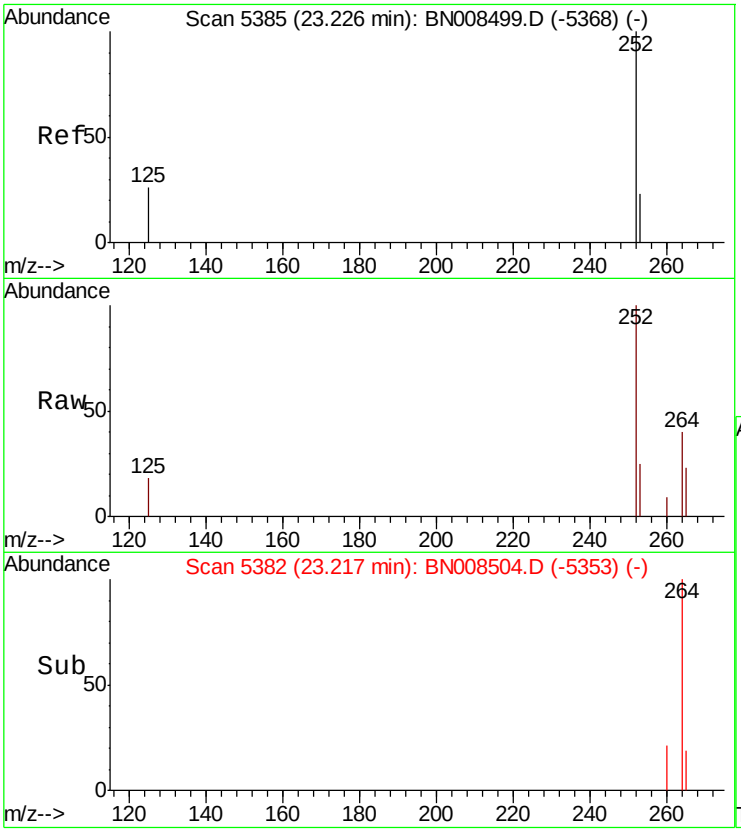


#22
Benzo(k)fluoranthene
Concen: 0.506 ng/ul m
RT: 22.71 min Scan# 5209
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:252 Resp: 12976

Ion	Ratio	Lower	Upper
252	100		
253	25.8	22.6	34.0
125	14.5	14.7	22.1#





#23
Benzo(a)pyrene
Concen: 0.749 ng/ul
RT: 23.22 min Scan# 5382
Delta R.T. -0.01 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:252 Resp: 17007

Ion	Ratio	Lower	Upper
252	100		
253	25.5	27.2	40.8#
125	18.2	37.0	55.6#

Instrument :
BNA_N
ClientSampleId :
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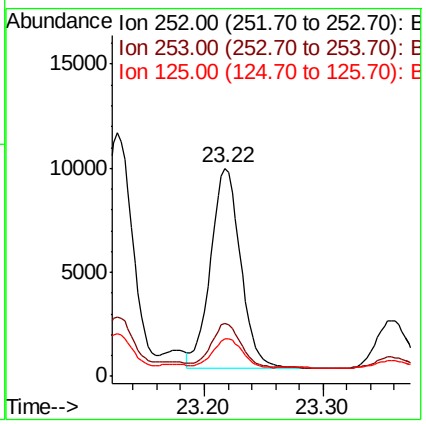
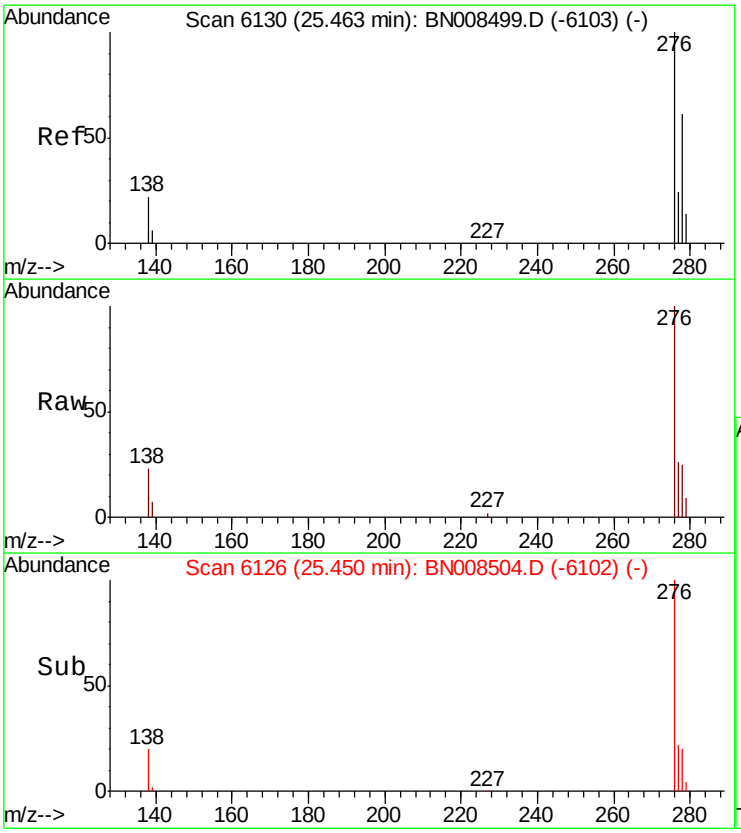
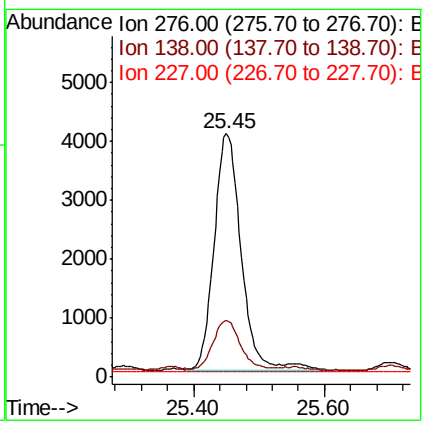


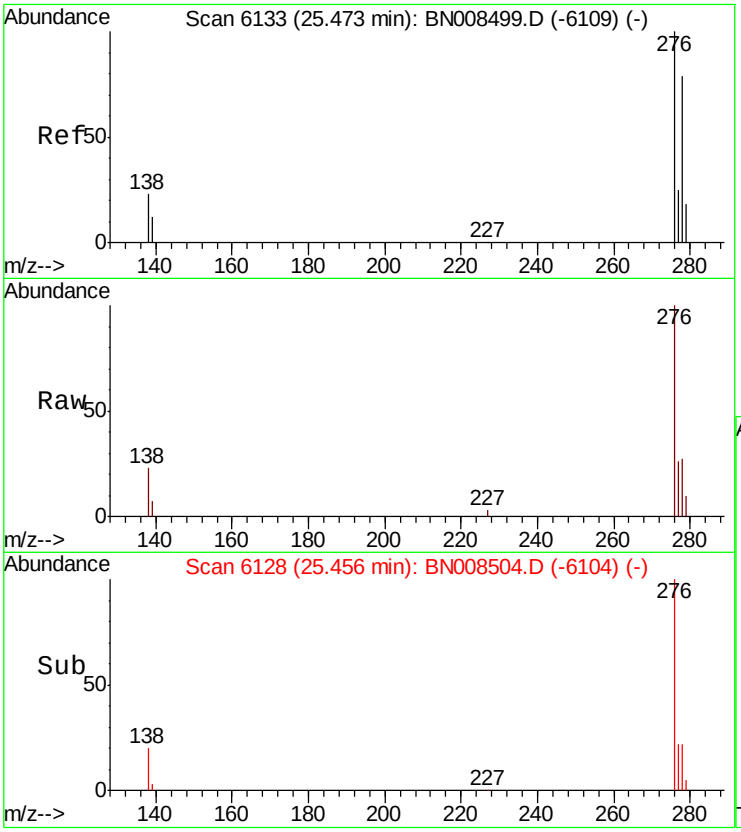


#24
Indeno(1,2,3-cd)pyrene
Concen: 0.451 ng/ul
RT: 25.45 min Scan# 6126
Delta R.T. -0.02 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:276 Resp: 11657

Ion	Ratio	Lower	Upper
276	100		
138	22.8	18.3	27.5
227	0.0	0.0	0.0

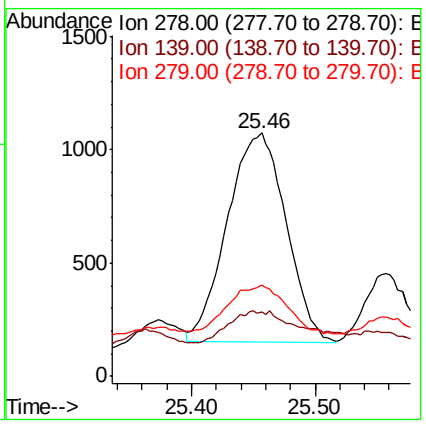




#25
Dibenzo(a,h)anthracene
Concen: 0.149 ng/ul
RT: 25.46 min Scan# 6128
Delta R.T. -0.02 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

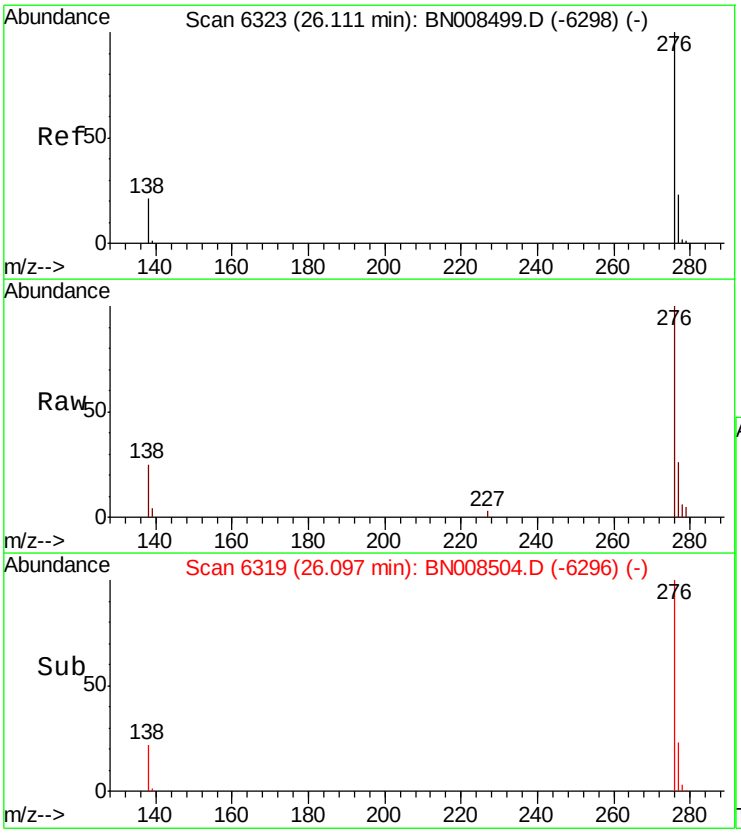
Tgt Ion:278 Resp: 3043

Ion	Ratio	Lower	Upper
278	100		
139	26.7	17.6	26.4#
279	37.6	25.1	37.7



Instrument :
BNA_N
ClientSampleId :
F2J02

Manual Integrations APPROVED
mohammad
11/11/2019 8:08:51 AM



#26
Benzo(g,h,i)perylene
Concen: 0.413 ng/ul
RT: 26.10 min Scan# 6319
Delta R.T. -0.02 min
Lab File: BN008504.D
Acq: 08 Nov 2019 12:16

Tgt Ion:276 Resp: 9561

Ion	Ratio	Lower	Upper
276	100		
138	24.6	20.1	30.1
277	25.6	20.6	31.0