Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN102419\
Data File : BN008387.D
Acq On : 24 Oct 2019 14:50
Operator : JU
Sample : K5235-19
Misc :
ALS Vial : 11 Sample Multiplier: 1

Quant Time: Oct 24 15:44:19 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 24 13:52:48 2019
Response via : Initial Calibration

Instrument : BNA_N
ClientSampleId : BEPB9

Manual Integrations APPROVED
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.57	152	1912	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.33	136	9359	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.21	164	5827	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.96	188	12772	0.40	ng/ul	0.00
16) Chrysene-d12	21.17	240	11198	0.40	ng/ul	0.00
20) Perylene-d12	23.34	264	9022	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.94	152	2306	0.15	ng/ul	0.00
14) Fluoranthene-d10	19.00	212	7620	0.17	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.38	128	1796	0.067	ng/ul#	91
5) 2-Methylnaphthalene	12.01	142	872	0.048	ng/ul	97
7) Acenaphthylene	13.93	152	6340	0.228	ng/ul	98
8) Acenaphthene	14.27	153	2328	0.108	ng/ul	98
9) Fluorene	15.26	166	3274	0.134	ng/ul#	95
12) Phenanthrene	17.00	178	71191	1.904	ng/ul	99
13) Anthracene	17.09	178	14249	0.433	ng/ul	99
15) Fluoranthene	19.03	202	187503	3.797	ng/ul	98
17) Pyrene	19.39	202	173378	3.889	ng/ul	98
18) Benzo(a)anthracene	21.15	228	93100	2.287	ng/ul	97
19) Chrysene	21.20	228	100418	2.010	ng/ul	99
21) Benzo(b)fluoranthene	22.69	252	109615m	3.732	ng/ul	
22) Benzo(k)fluoranthene	22.73	252	38767m	1.165	ng/ul	
23) Benzo(a)pyrene	23.24	252	70935m	2.295	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.49	276	42402	1.165	ng/ul	99
25) Dibenzo(a,h)anthracene	25.49	278	10712	0.372	ng/ul#	90
26) Benzo(g,h,i)perylene	26.14	276	42304	1.267	ng/ul	98

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

Quantitation Report (QT Reviewed)

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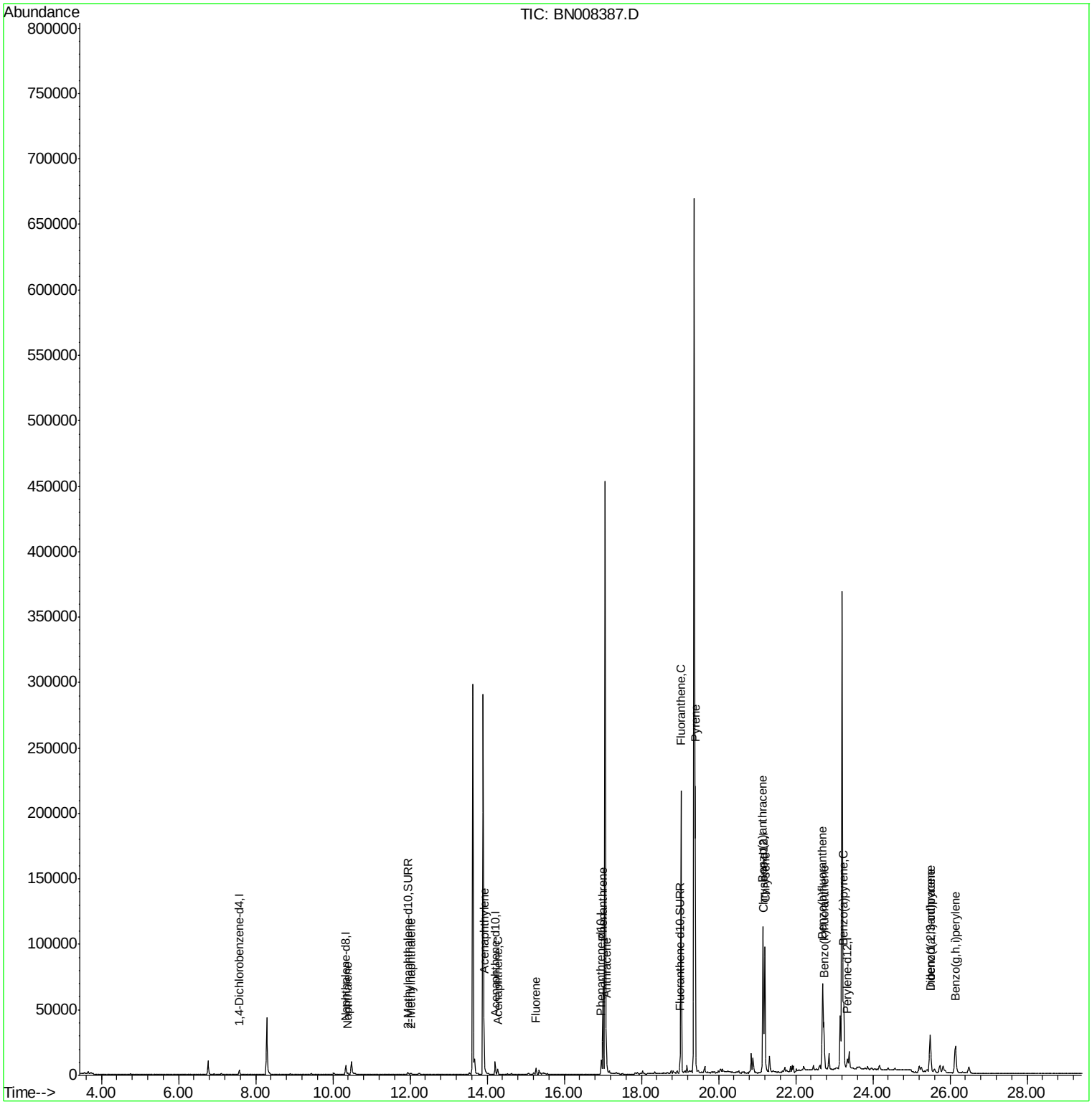

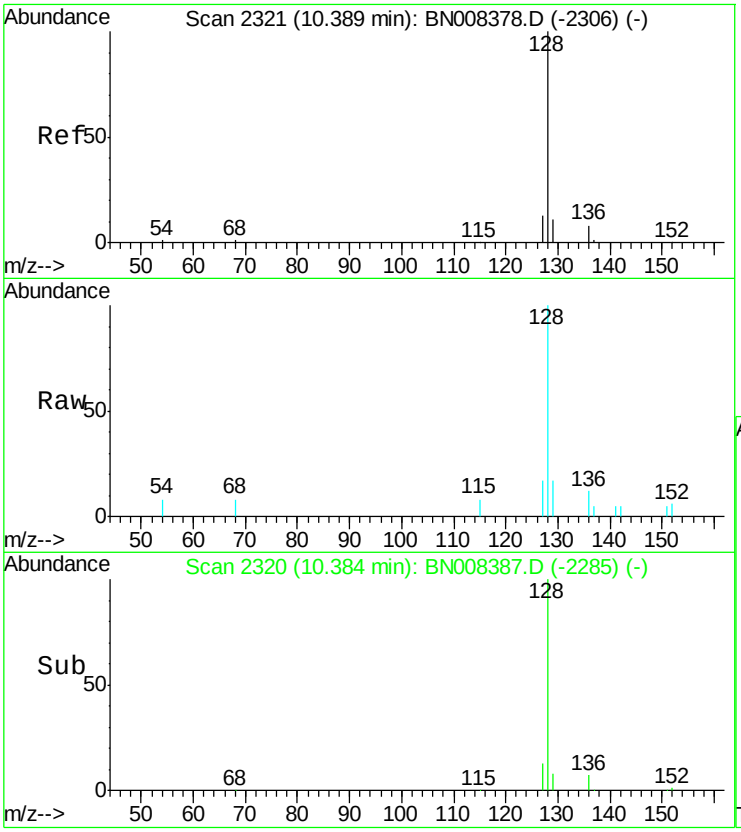

#3
Naphthalene
Concen: 0.067 ng/ul
RT: 10.38 min Scan# 2320
Delta R.T. -0.01 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:128 Resp: 1796

Ion	Ratio	Lower	Upper
128	100		
129	17.0	9.8	14.8#
127	16.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
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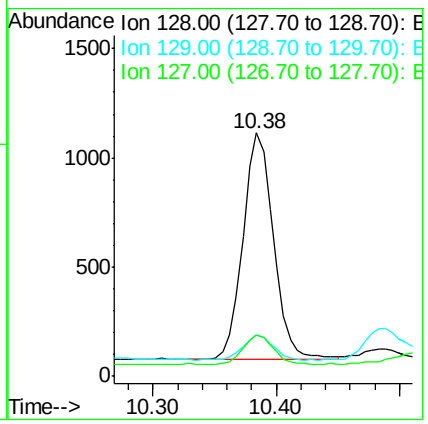
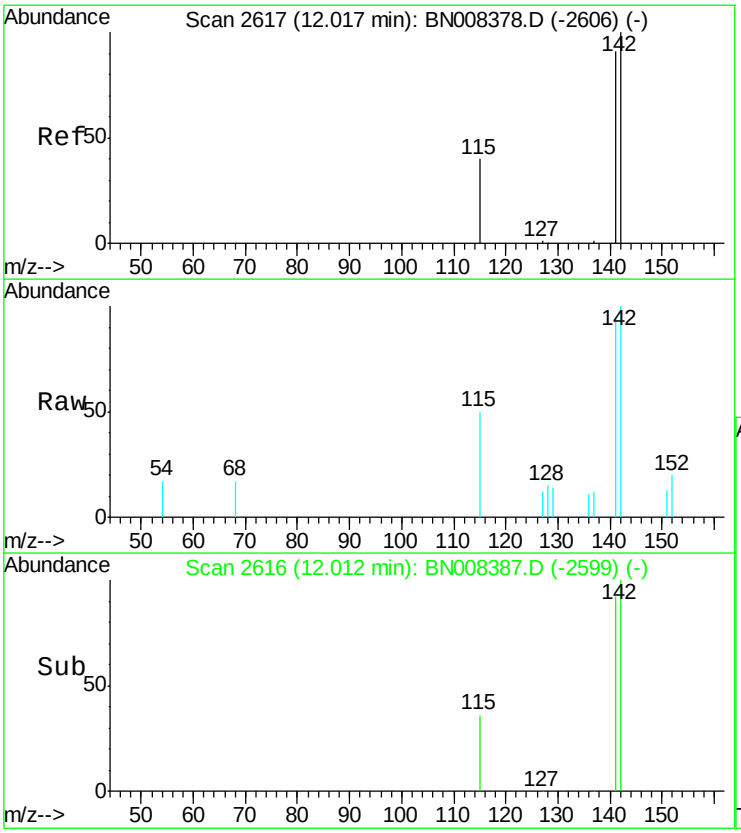
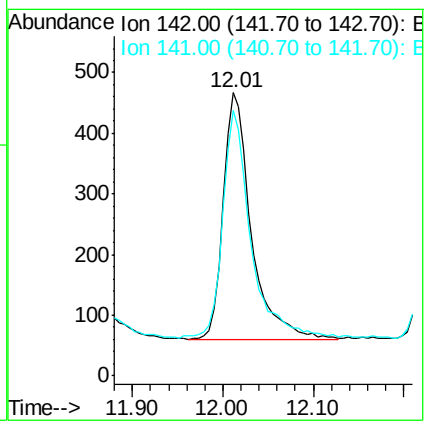


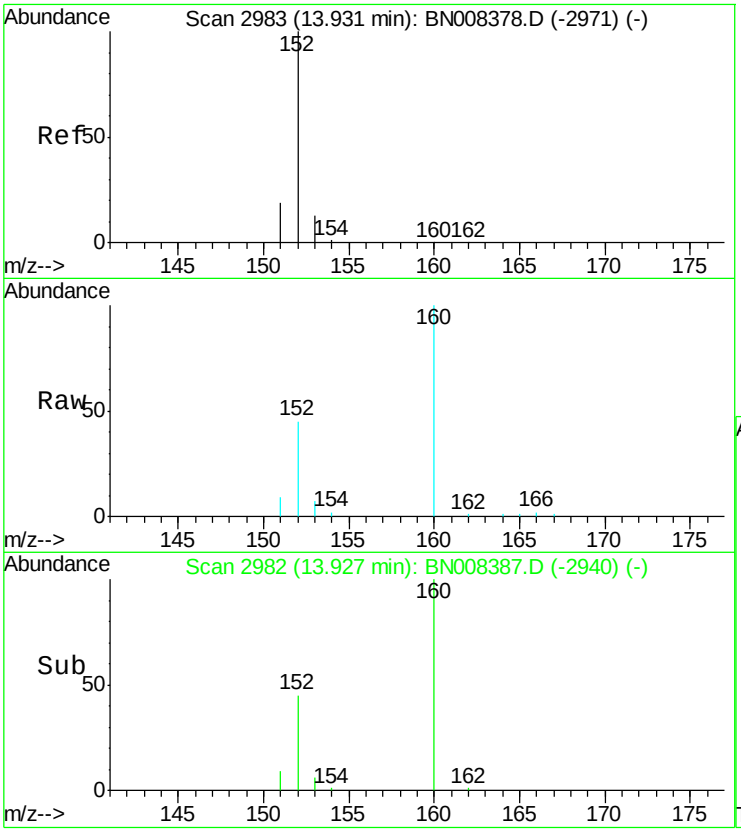


#5
2-Methylnaphthalene
Concen: 0.048 ng/ul
RT: 12.01 min Scan# 2616
Delta R.T. -0.01 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:142 Resp: 872

Ion	Ratio	Lower	Upper
142	100		
141	92.0	71.4	107.2

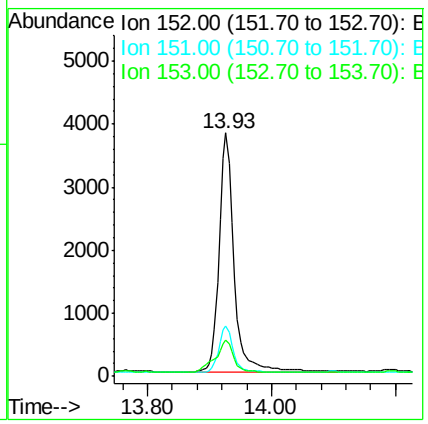




#7
Acenaphthylene
Concen: 0.228 ng/ul
RT: 13.93 min Scan# 2982
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:152 Resp: 6340

Ion	Ratio	Lower	Upper
152	100		
151	20.8	16.2	24.4
153	14.9	11.0	16.4



Instrument :
BNA_N
ClientSampleId :
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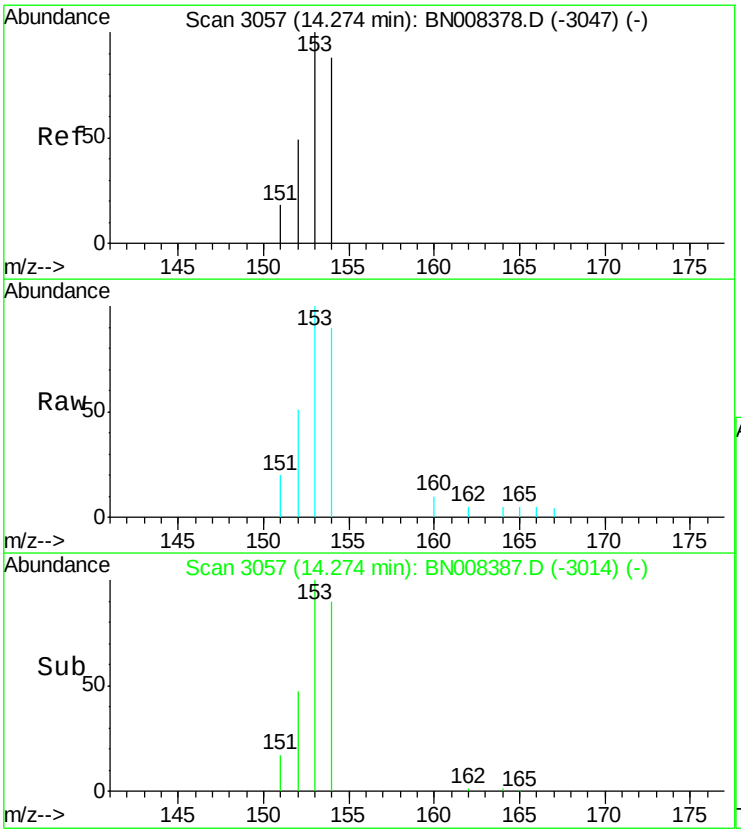
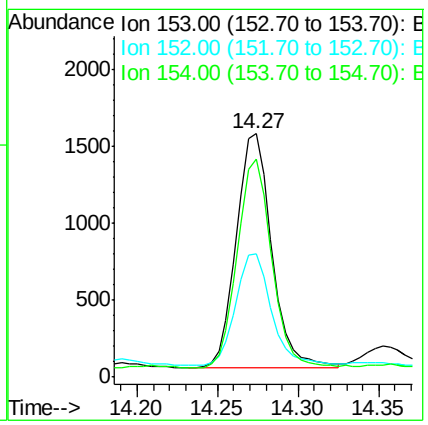
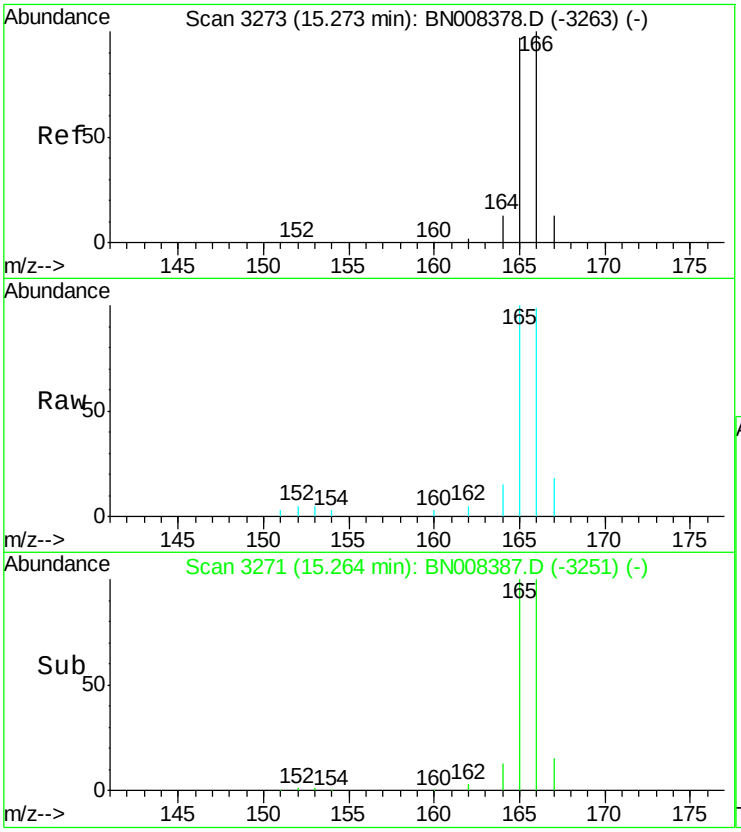


#8
Acenaphthene
Concen: 0.108 ng/ul
RT: 14.27 min Scan# 3057
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:153 Resp: 2328

Ion	Ratio	Lower	Upper
153	100		
152	50.8	38.2	57.2
154	89.7	71.8	107.8

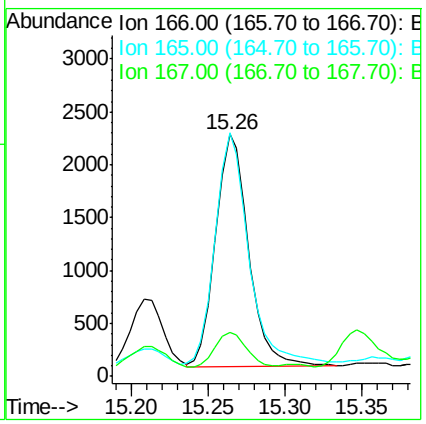




#9
Fluorene
Concen: 0.134 ng/ul
RT: 15.26 min Scan# 3271
Delta R.T. -0.01 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:166 Resp: 3274

Ion	Ratio	Lower	Upper
166	100		
165	100.6	76.6	115.0
167	18.1	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
BEPB9

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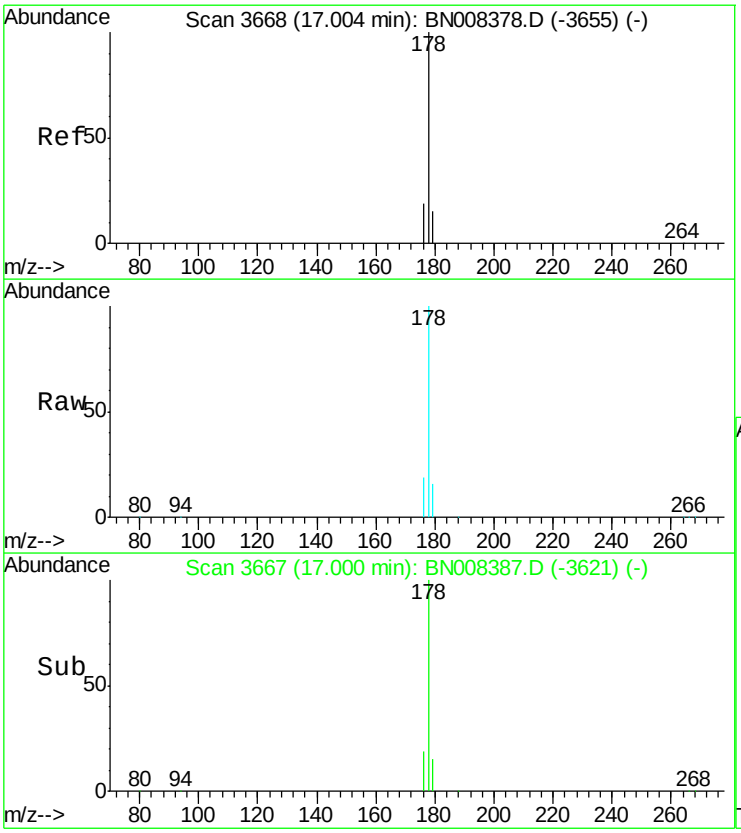
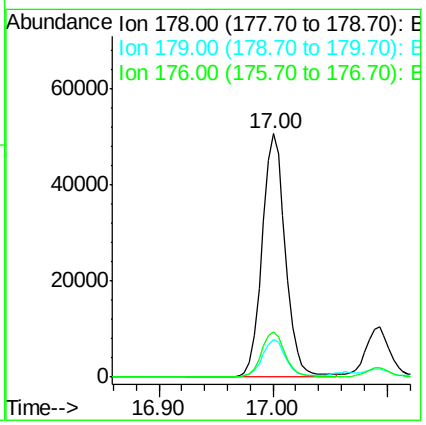
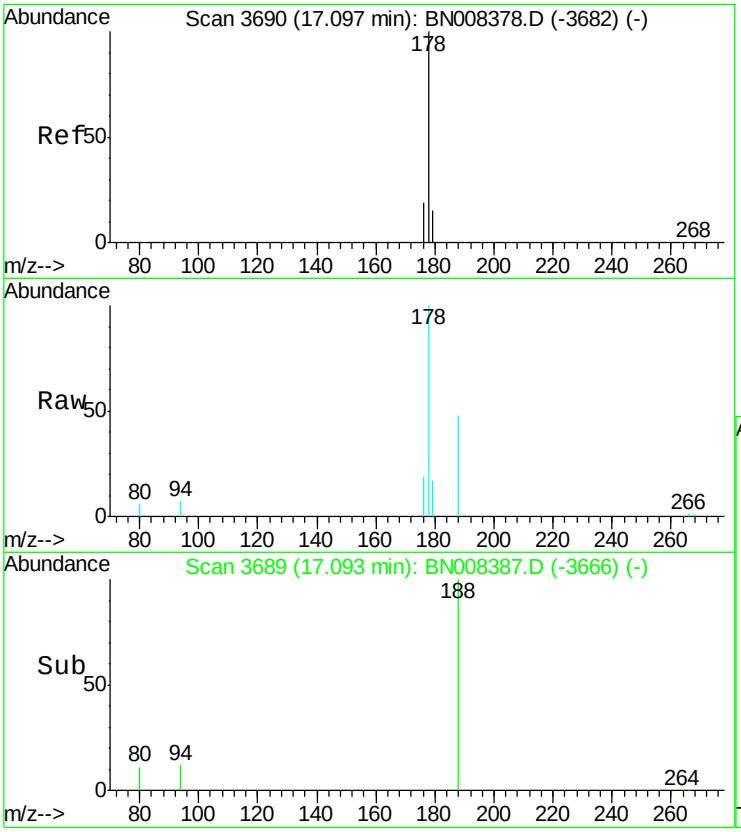


#12
Phenanthrene
Concen: 1.904 ng/ul
RT: 17.00 min Scan# 3667
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:178 Resp: 71191

Ion	Ratio	Lower	Upper
178	100		
179	15.5	12.8	19.2
176	18.7	15.4	23.2

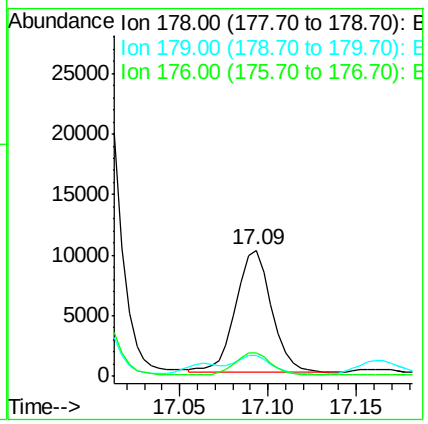




#13
Anthracene
Concen: 0.433 ng/ul
RT: 17.09 min Scan# 3689
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:178 Resp: 14249

Ion	Ratio	Lower	Upper
178	100		
179	16.7	13.0	19.6
176	18.6	15.0	22.6



Instrument :
BNA_N
ClientSampleId :
BEPB9

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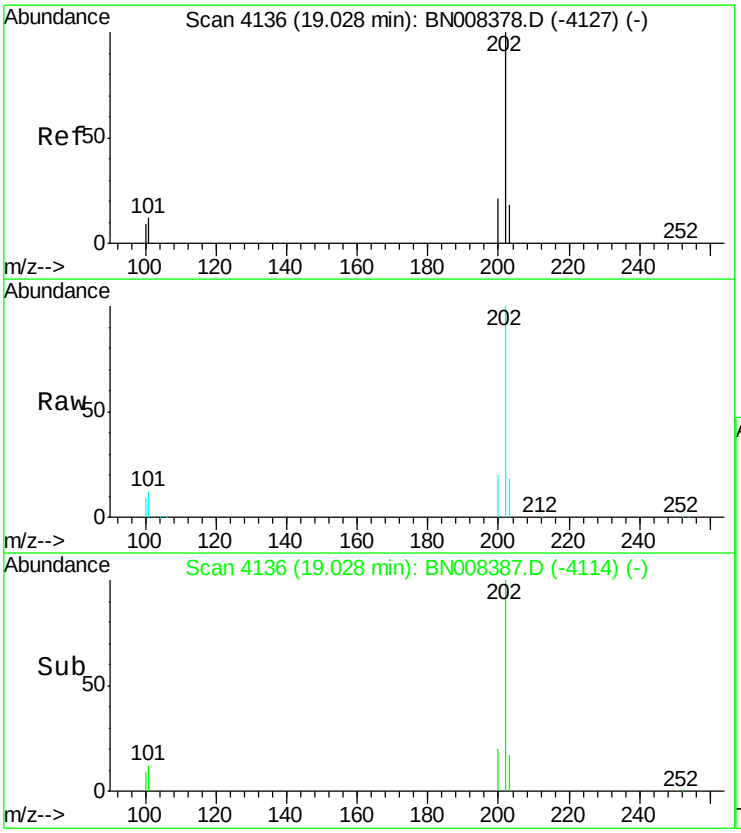
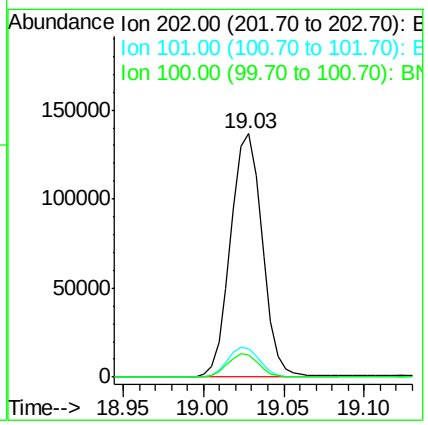
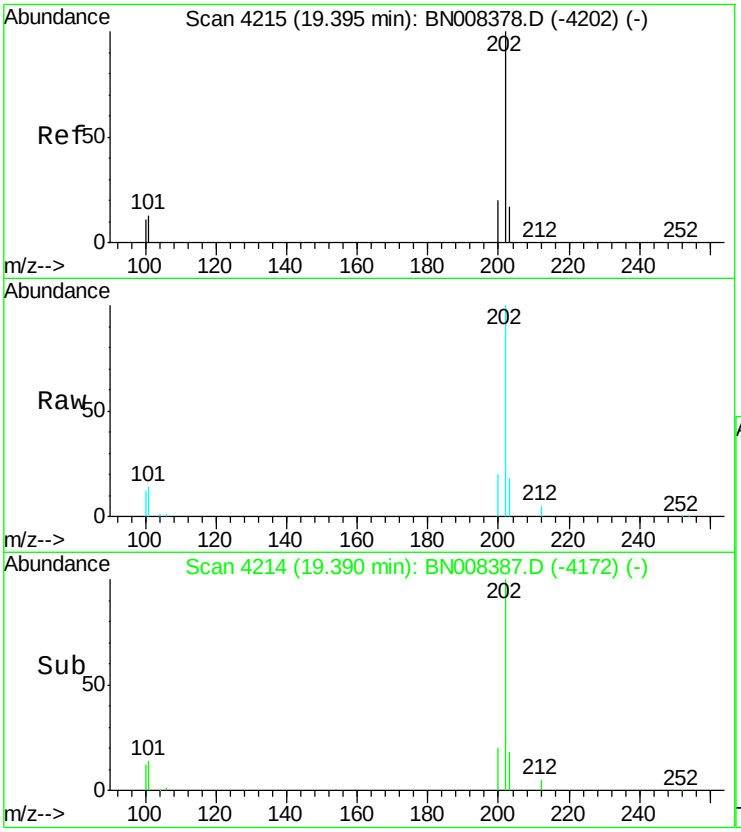


#15
Fluoranthene
Concen: 3.797 ng/ul
RT: 19.03 min Scan# 4136
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:202 Resp: 187503

Ion	Ratio	Lower	Upper
202	100		
101	12.0	0.0	31.2
100	9.0	0.0	28.5

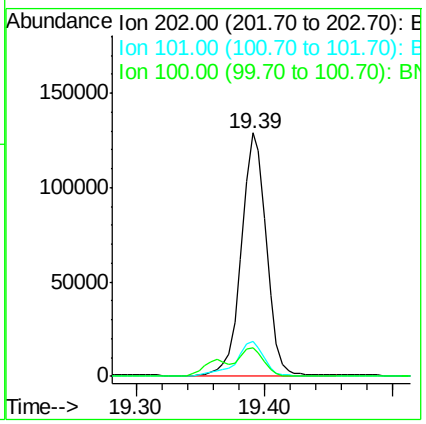




#17
Pyrene
Concen: 3.889 ng/ul
RT: 19.39 min Scan# 4214
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:202 Resp: 173378

Ion	Ratio	Lower	Upper
202	100		
101	14.4	10.9	16.3
100	11.7	8.7	13.1



Instrument :
BNA_N
ClientSampleId :
BEPB9

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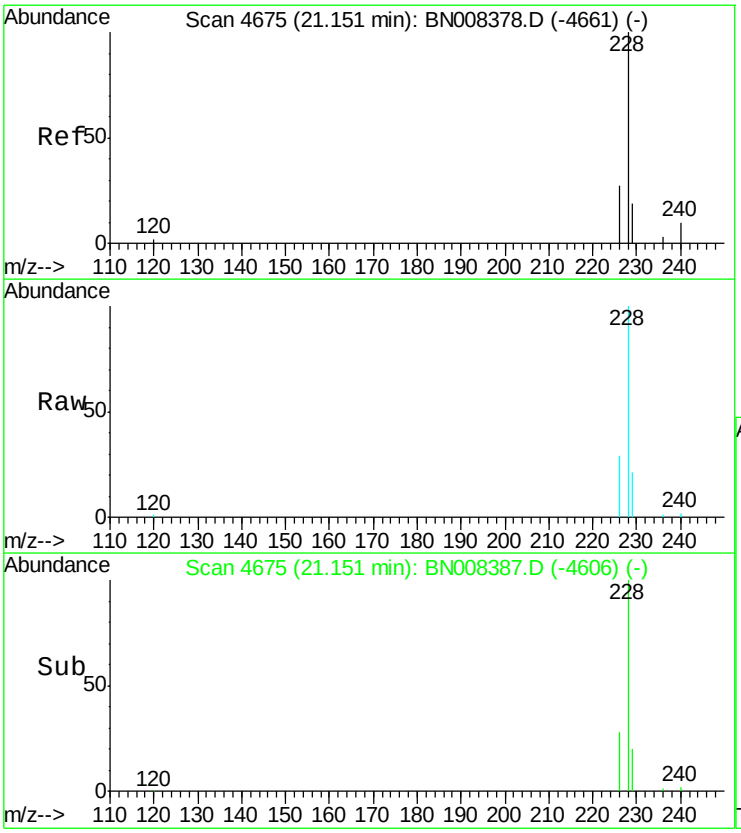
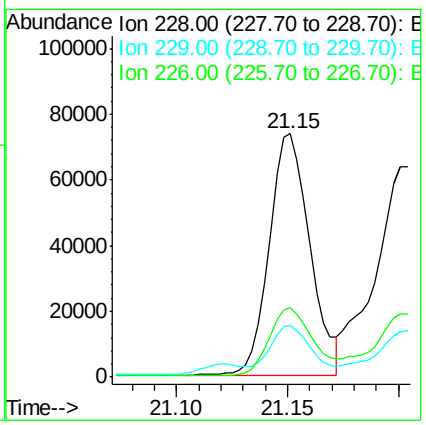
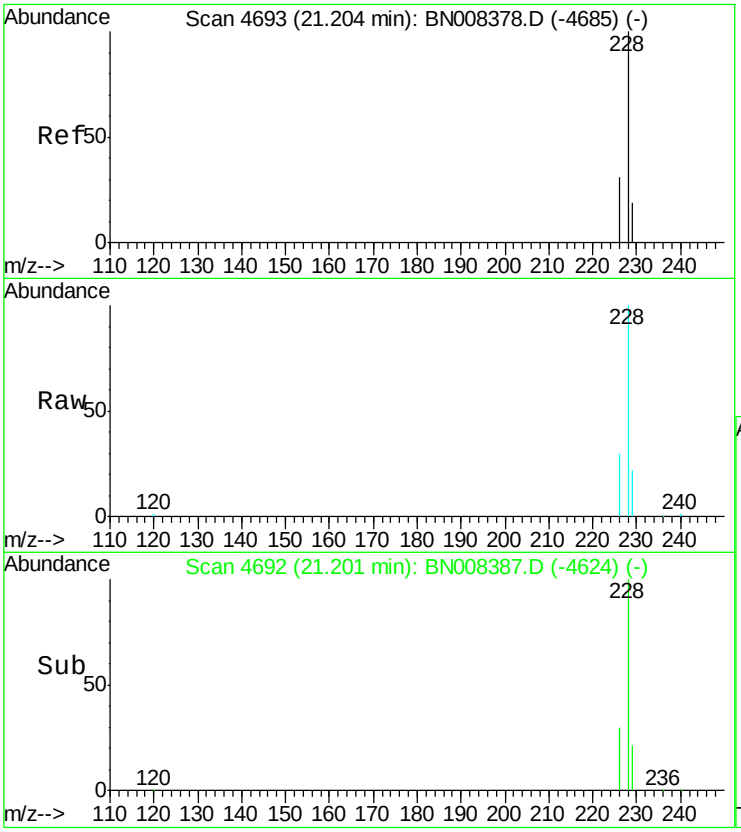


#18
Benzo(a)anthracene
Concen: 2.287 ng/ul
RT: 21.15 min Scan# 4675
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:228 Resp: 93100

Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.2	24.2
226	28.5	21.4	32.0

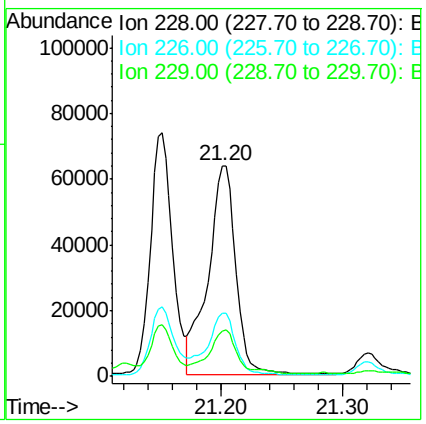




#19
Chrysene
Concen: 2.010 ng/ul
RT: 21.20 min Scan# 4692
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:228 Resp: 100418

Ion	Ratio	Lower	Upper
228	100		
226	30.2	24.1	36.1
229	21.7	16.2	24.2



Instrument :
BNA_N
ClientSampleId :
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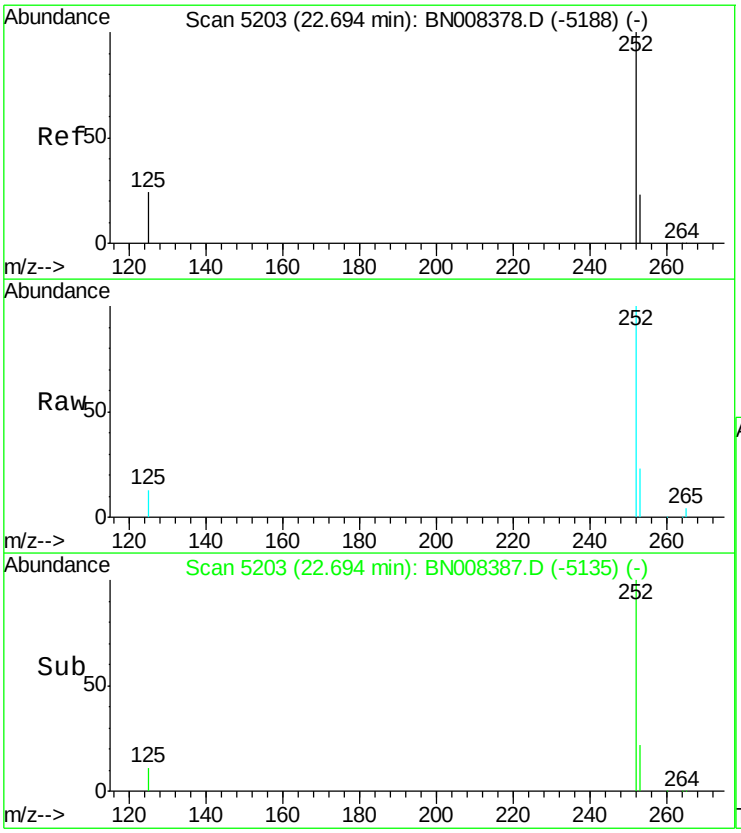
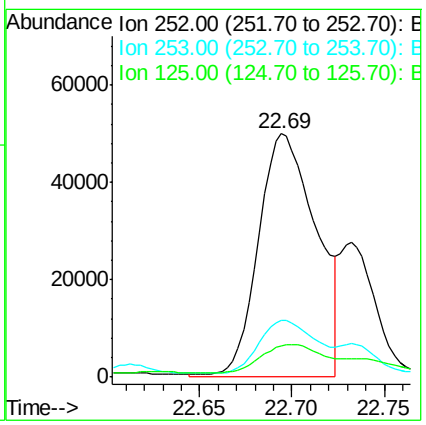
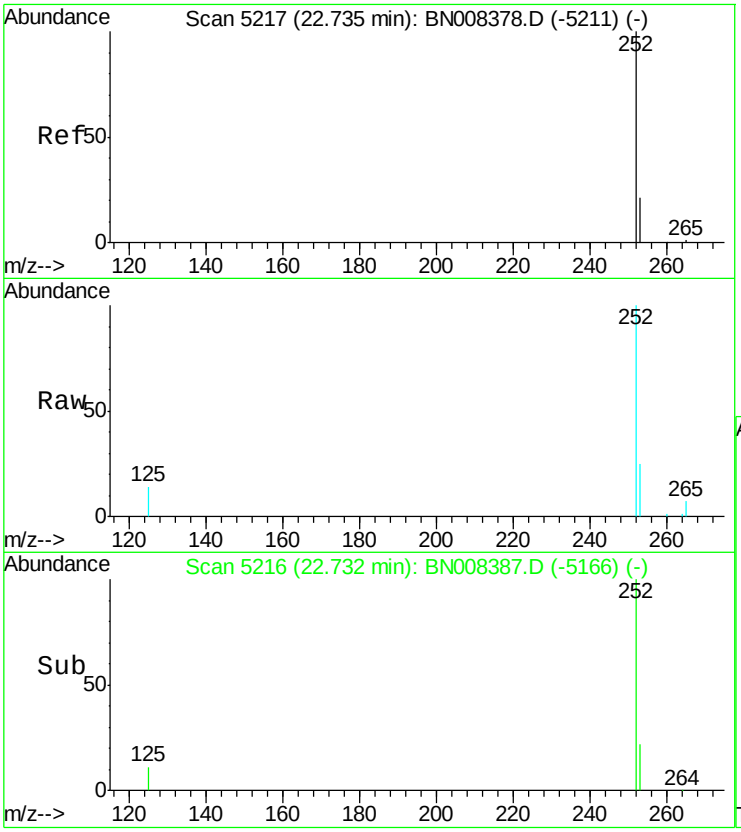


#21
Benzo(b)fluoranthene
Concen: 3.732 ng/ul m
RT: 22.69 min Scan# 5203
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:252 Resp: 109615

Ion	Ratio	Lower	Upper
252	100		
253	23.3	0.0	53.4
125	12.8	0.0	32.4

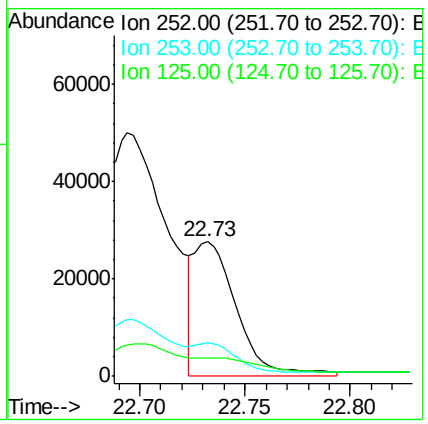




#22
Benzo(k)fluoranthene
Concen: 1.165 ng/ul m
RT: 22.73 min Scan# 5216
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:252 Resp: 38767

Ion	Ratio	Lower	Upper
252	100		
253	24.7	21.3	31.9
125	14.1	12.3	18.5



Instrument :
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ClientSampleId :
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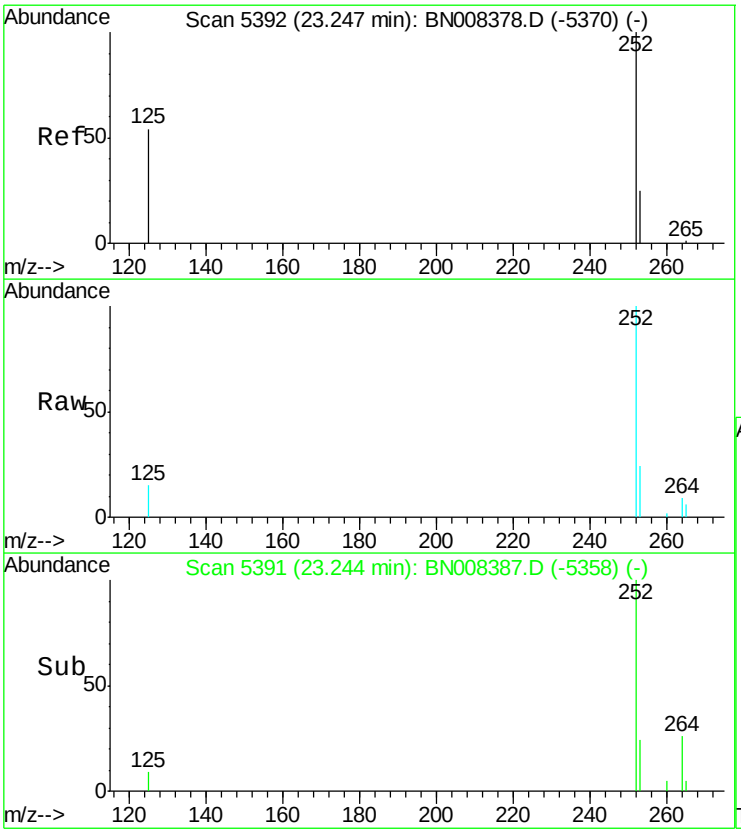
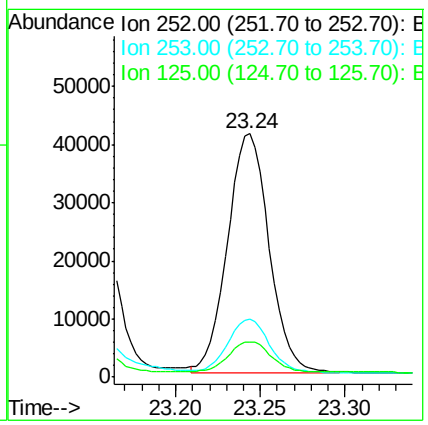
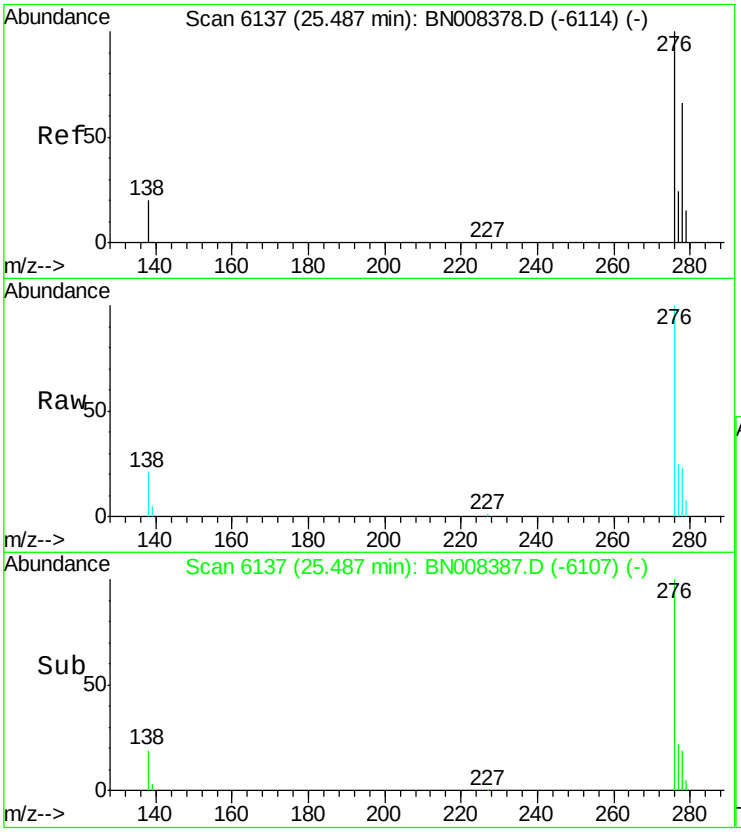


#23
Benzo(a)pyrene
Concen: 2.295 ng/ul m
RT: 23.24 min Scan# 5391
Delta R.T. -0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:252 Resp: 70935

Ion	Ratio	Lower	Upper
252	100		
253	23.6	22.8	34.2
125	14.6	18.4	27.6#





#24
Indeno(1,2,3-cd)pyrene
Concen: 1.165 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:276 Resp: 42402

Ion	Ratio	Lower	Upper
276	100		
138	20.6	16.1	24.1
227	0.2	0.2	0.2

Instrument :
BNA_N
ClientSampleId :
BEPB9

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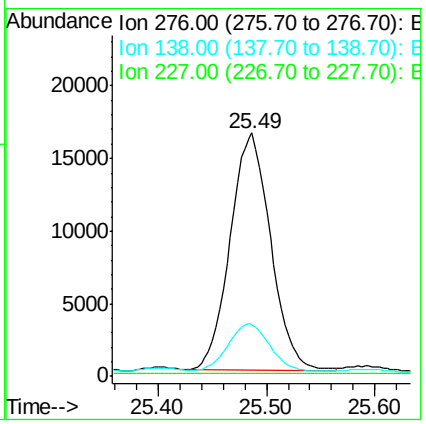
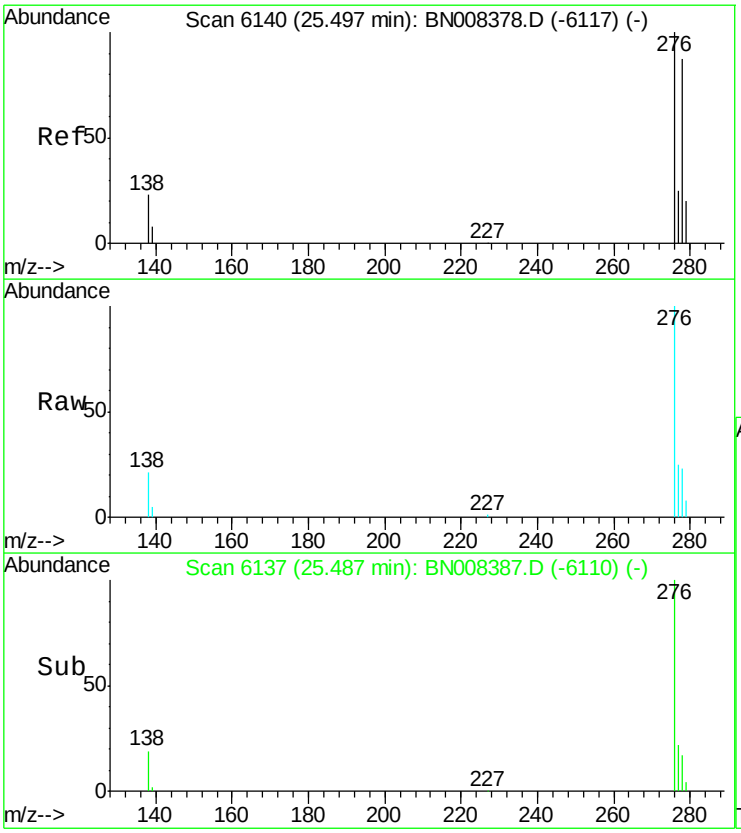
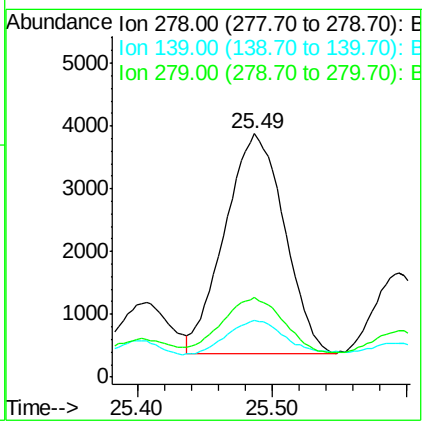


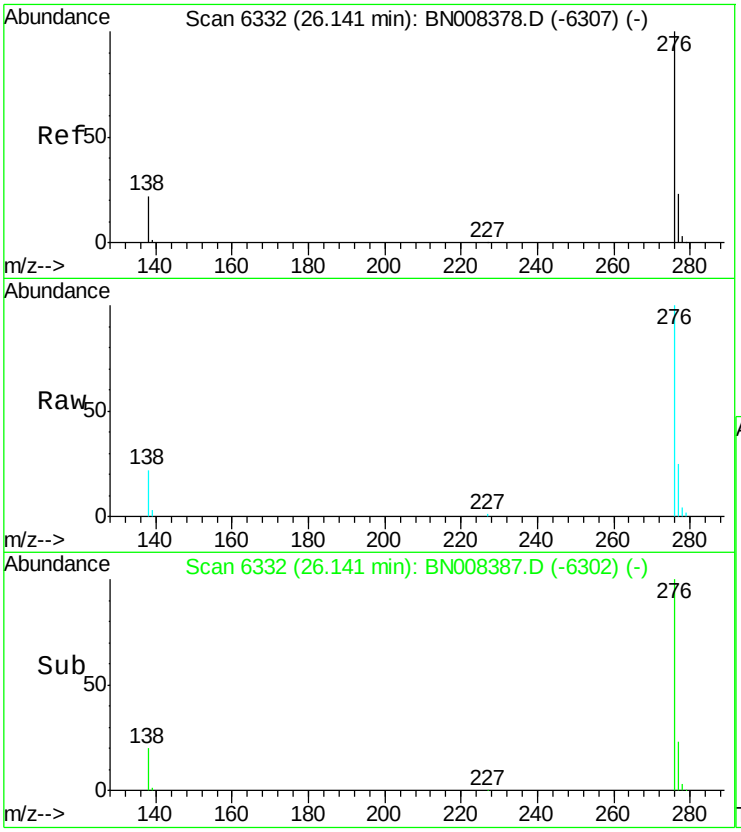


#25
Dibenzo(a,h)anthracene
Concen: 0.372 ng/ul
RT: 25.49 min Scan# 6137
Delta R.T. -0.01 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:278 Resp: 10712

Ion	Ratio	Lower	Upper
278	100		
139	23.3	15.0	22.6#
279	32.9	22.4	33.6

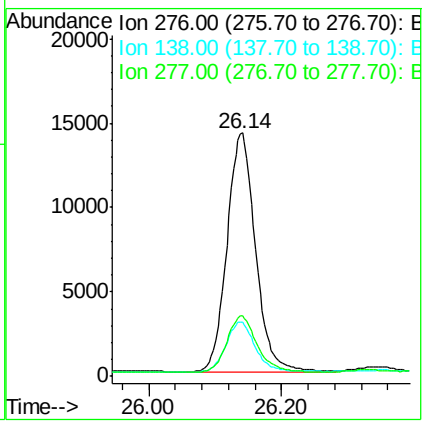




#26
Benzo(g,h,i)perylene
Concen: 1.267 ng/ul
RT: 26.14 min Scan# 6332
Delta R.T. 0.00 min
Lab File: BN008387.D
Acq: 24 Oct 2019 14:50

Tgt Ion:276 Resp: 42304

Ion	Ratio	Lower	Upper
276	100		
138	22.0	17.0	25.4
277	24.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPB9

Manual Integrations APPROVED
mohammad
10/25/2019 8:05:38 AM