Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008115.D
Acq On : 12 Oct 2019 16:33
Operator : JU
Sample : K5178-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
BEPE9

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:58 AM

Quant Time: Oct 13 03:51:31 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 : Fri Oct 11 19:05:54 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2439	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	11995	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7888	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	18564m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	20078m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	19963	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3809	0.19	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	13188m	0.21	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.44	128	831	0.024	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	577	0.025	ng/ul	99
7) Acenaphthylene	13.98	152	3146	0.084	ng/ul#	90
8) Acenaphthene	14.32	153	761	0.026	ng/ul	96
9) Fluorene	15.31	166	1075	0.032	ng/ul#	90
12) Phenanthrene	17.05	178	27858	0.513	ng/ul	100
13) Anthracene	17.14	178	5245m	0.110	ng/ul	
15) Fluoranthene	19.07	202	93923m	1.308	ng/ul	
17) Pyrene	19.44	202	78551	0.983	ng/ul	98
18) Benzo(a)anthracene	21.19	228	44038	0.603	ng/ul	97
19) Chrysene	21.24	228	52389	0.585	ng/ul	98
21) Benzo(b)fluoranthene	22.75	252	66465m	1.023	ng/ul	
22) Benzo(k)fluoranthene	22.78	252	21479m	0.292	ng/ul	
23) Benzo(a)pyrene	23.30	252	40657	0.595	ng/ul	96
24) Indeno(1,2,3-cd)pyrene	25.57	276	27148	0.337	ng/ul#	97
25) Dibenzo(a,h)anthracene	25.58	278	5880	0.092	ng/ul#	61
26) Benzo(g,h,i)perylene	26.24	276	26878	0.364	ng/ul	97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008115.D
Acq On : 12 Oct 2019 16:33
Operator : JU
Sample : K5178-06
Misc :
ALS Vial : 48 Sample Multiplier: 1

Quant Time: Oct 13 03:51:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration

Instrument :
BNA_N
ClientSampleId :
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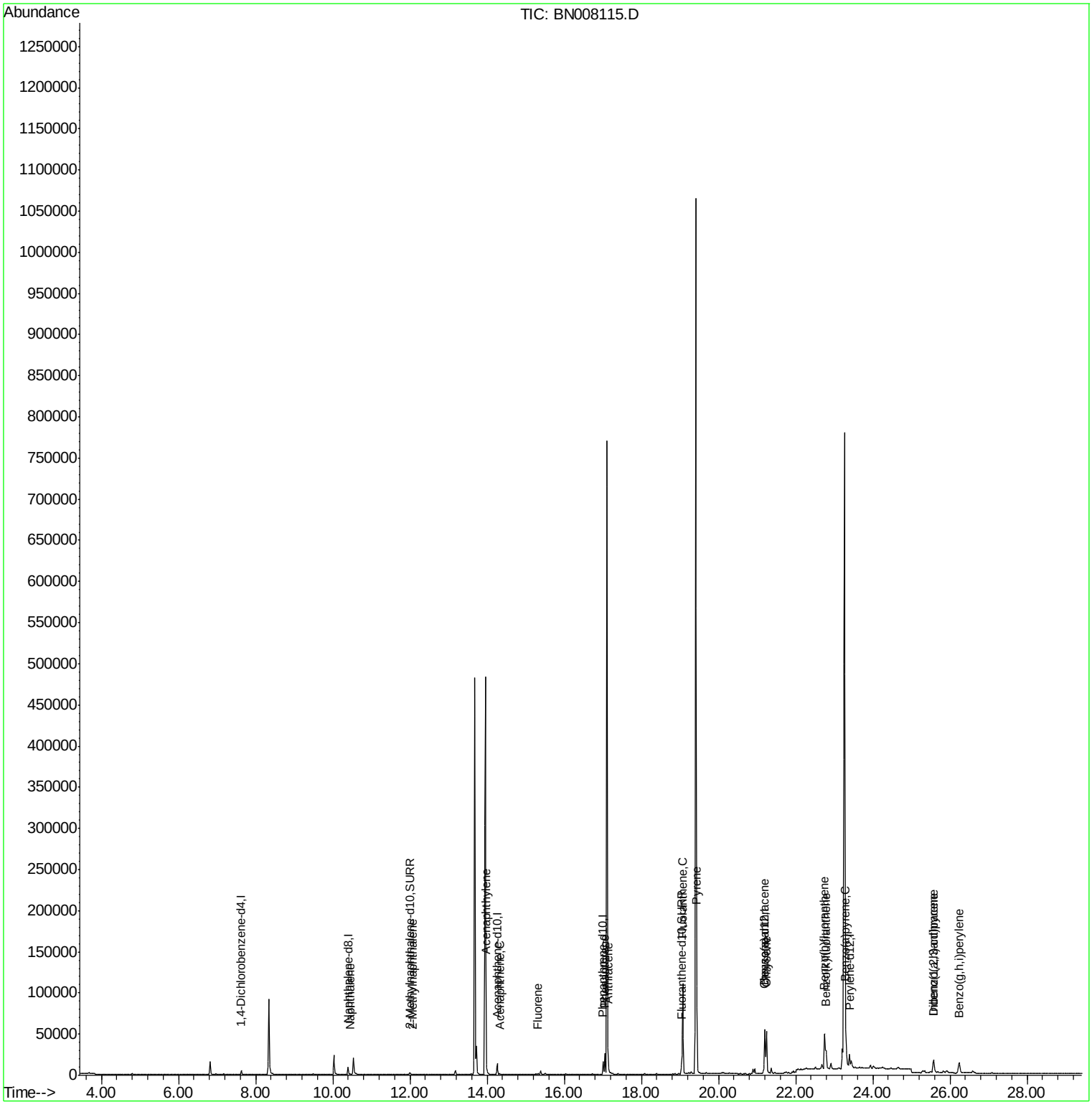

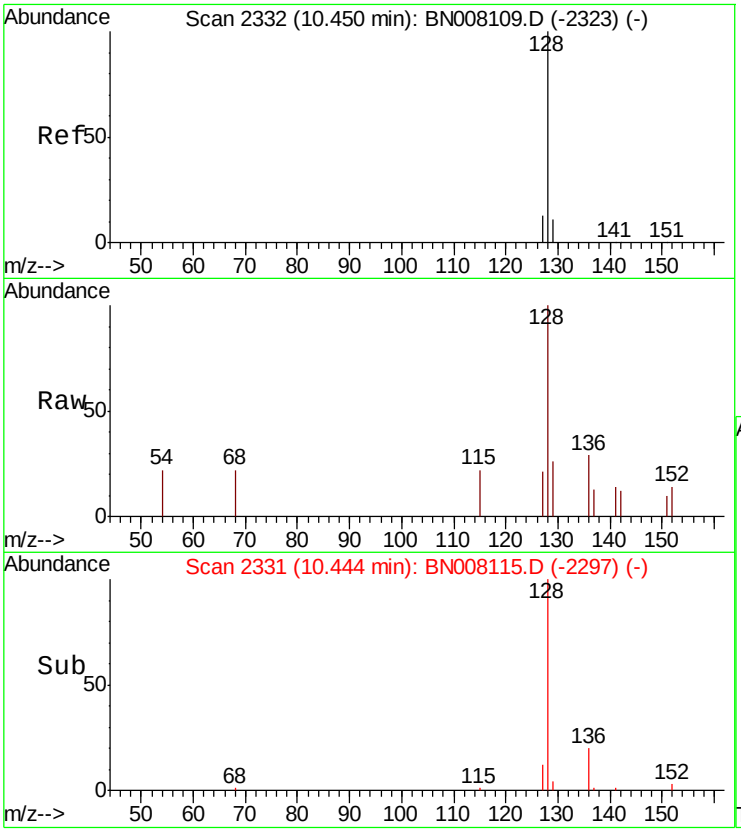

#3
Naphthalene
Concen: 0.024 ng/ul
RT: 10.44 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:128 Resp: 831

Ion	Ratio	Lower	Upper
128	100		
129	26.2	9.8	14.8#
127	20.8	11.1	16.7#

Instrument :
BNA_N
ClientSampleId :
BEPE9

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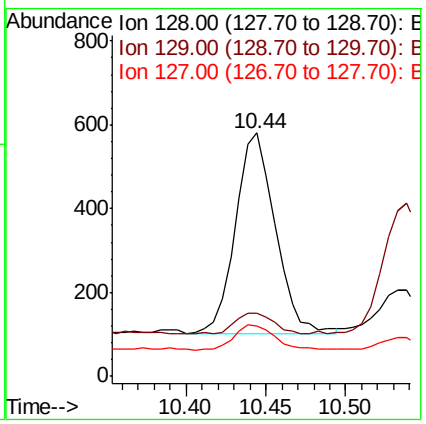
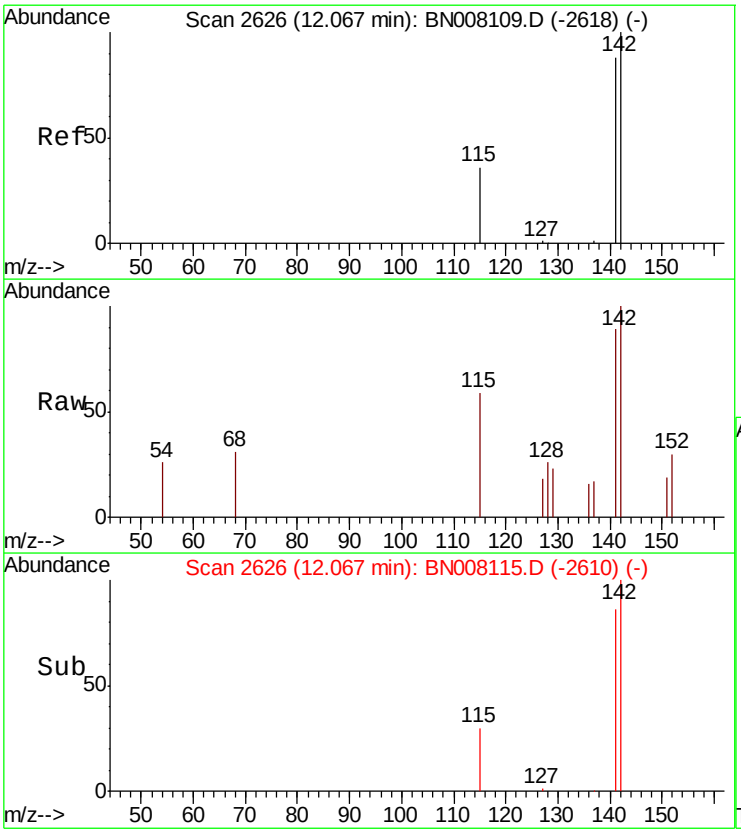
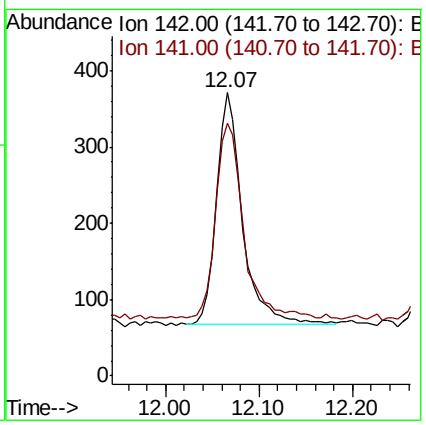


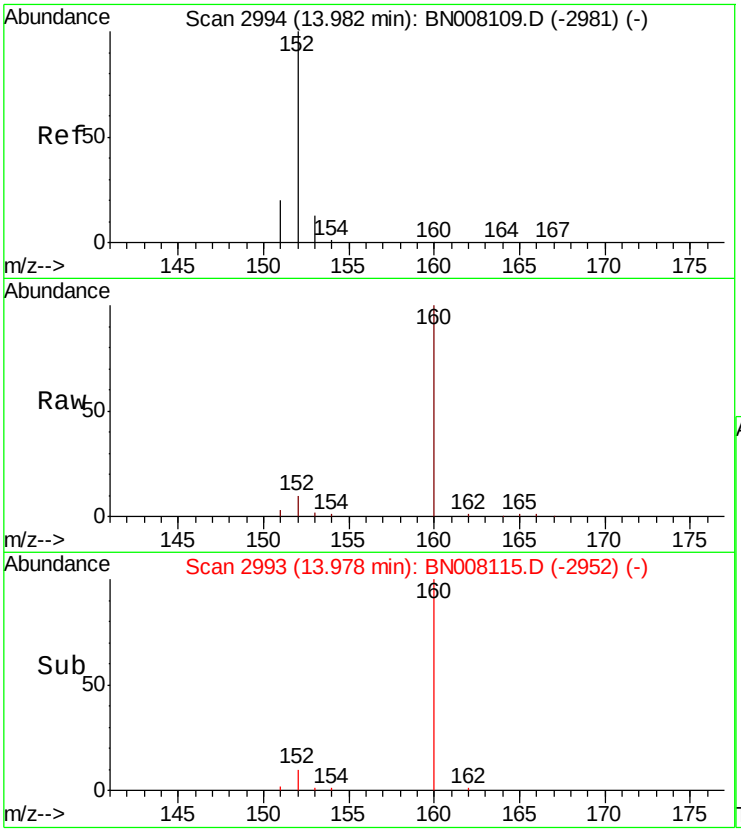


#5
2-Methylnaphthalene
Concen: 0.025 ng/ul
RT: 12.07 min Scan# 2626
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:142 Resp: 577

Ion	Ratio	Lower	Upper
142	100		
141	90.6	71.4	107.2





#7
Acenaphthylene
Concen: 0.084 ng/ul
RT: 13.98 min Scan# 2993
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:152 Resp: 3146

Ion	Ratio	Lower	Upper
152	100		
151	25.9	16.2	24.4#
153	16.8	11.0	16.4#

Instrument :
BNA_N
ClientSampleId :
BEPE9

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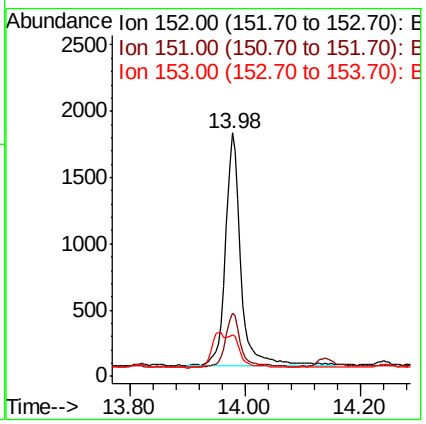
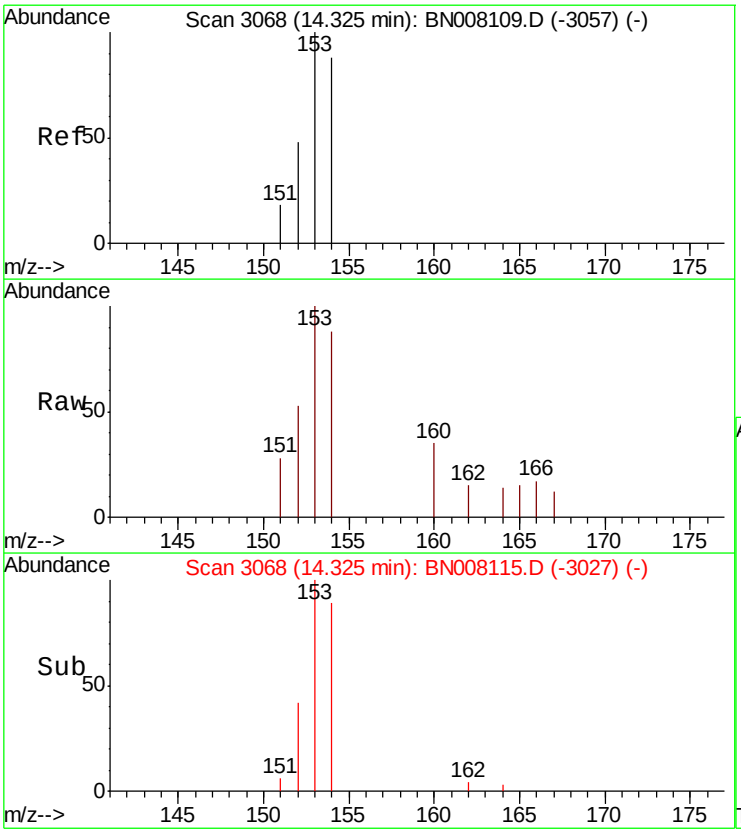
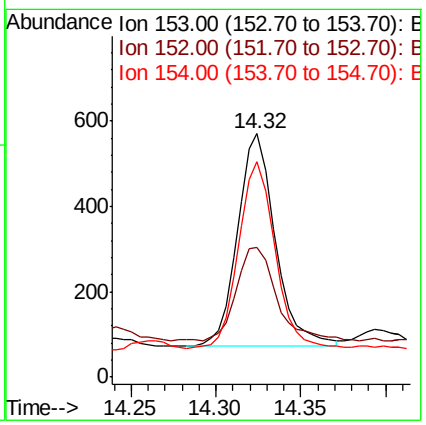


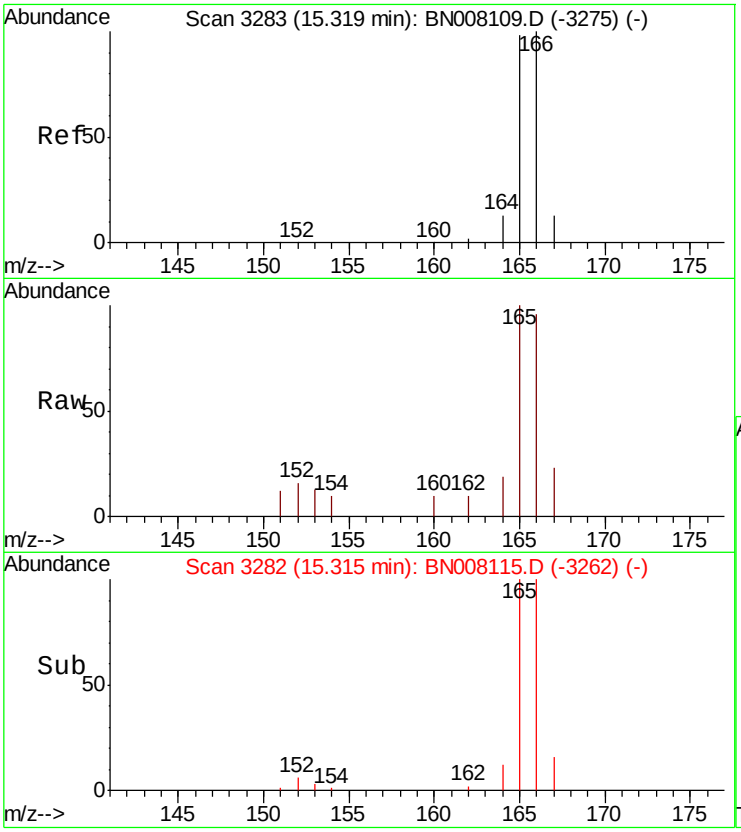


#8
Acenaphthene
Concen: 0.026 ng/ul
RT: 14.32 min Scan# 3068
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:153 Resp: 761

Ion	Ratio	Lower	Upper
153	100		
152	53.4	38.2	57.2
154	88.3	71.8	107.8

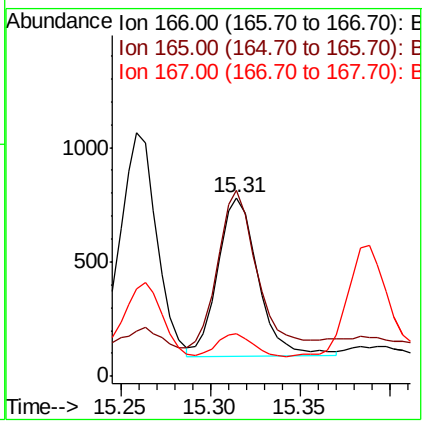




#9
Fluorene
Concen: 0.032 ng/ul
RT: 15.31 min Scan# 3282
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:166 Resp: 1075

Ion	Ratio	Lower	Upper
166	100		
165	103.7	76.6	115.0
167	23.8	11.7	17.5#



Instrument :
BNA_N
ClientSampleId :
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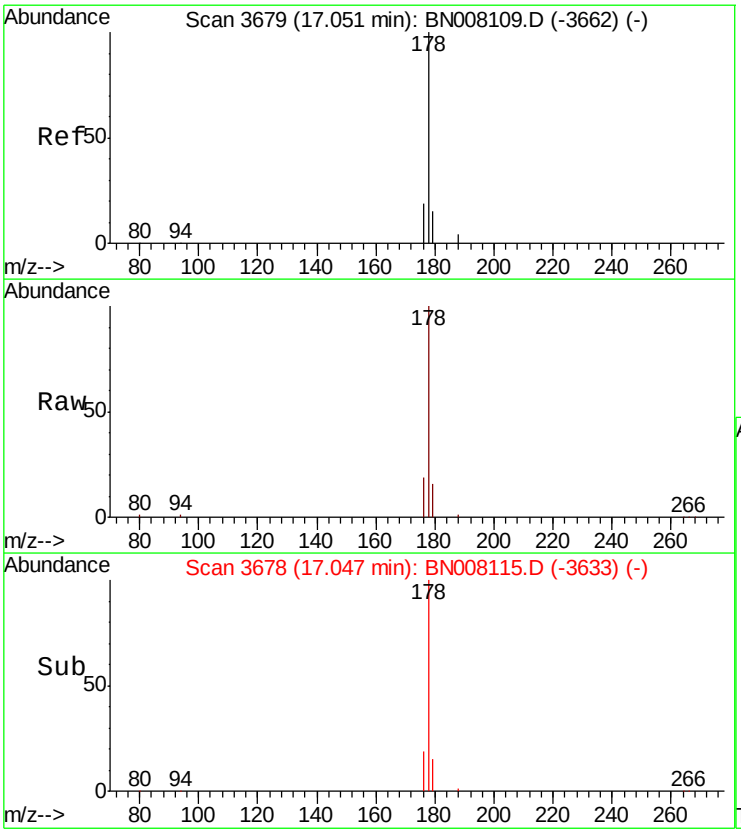
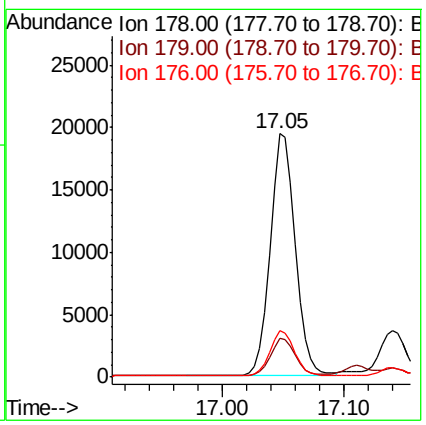
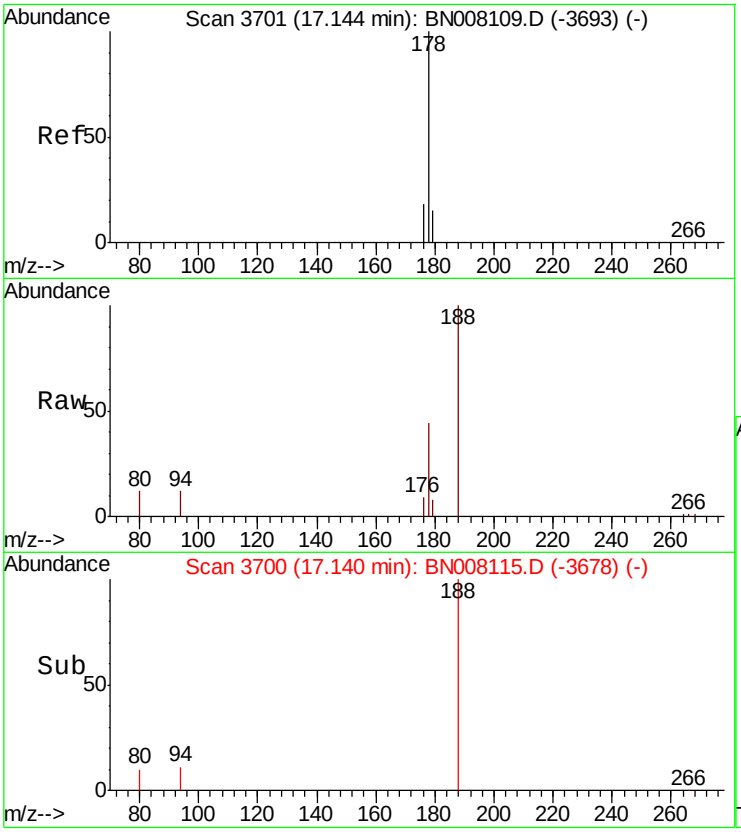


#12
Phenanthrene
Concen: 0.513 ng/ul
RT: 17.05 min Scan# 3678
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:178 Resp: 27858

Ion	Ratio	Lower	Upper
178	100		
179	15.9	12.8	19.2
176	19.2	15.4	23.2





#13
Anthracene
Concen: 0.110 ng/ul m
RT: 17.14 min Scan# 3700
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:178 Resp: 5245

Ion	Ratio	Lower	Upper
178	100		
179	19.3	13.0	19.6
176	20.1	15.0	22.6

Instrument :
BNA_N
ClientSampleId :
BEPE9

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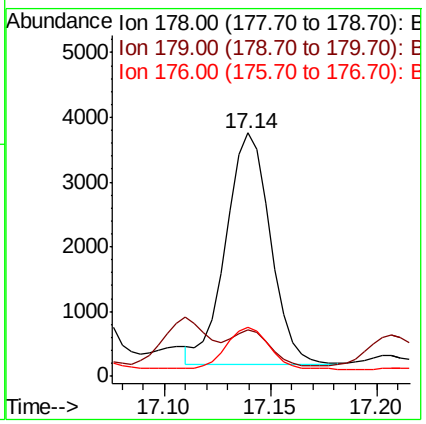
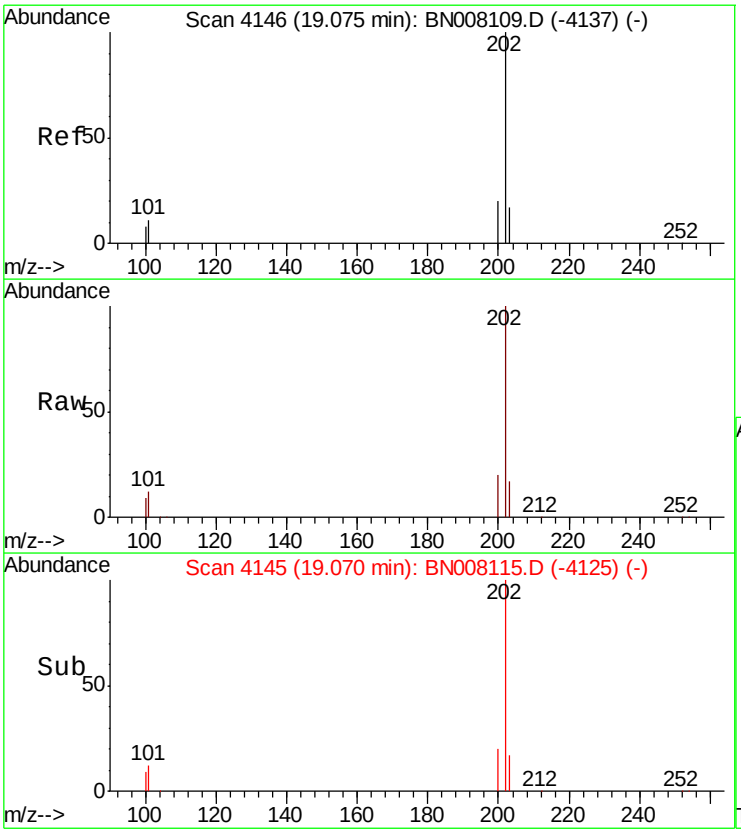
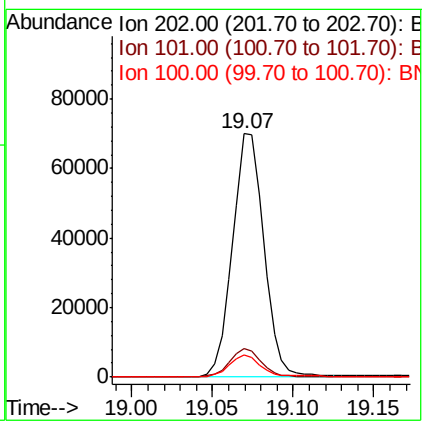


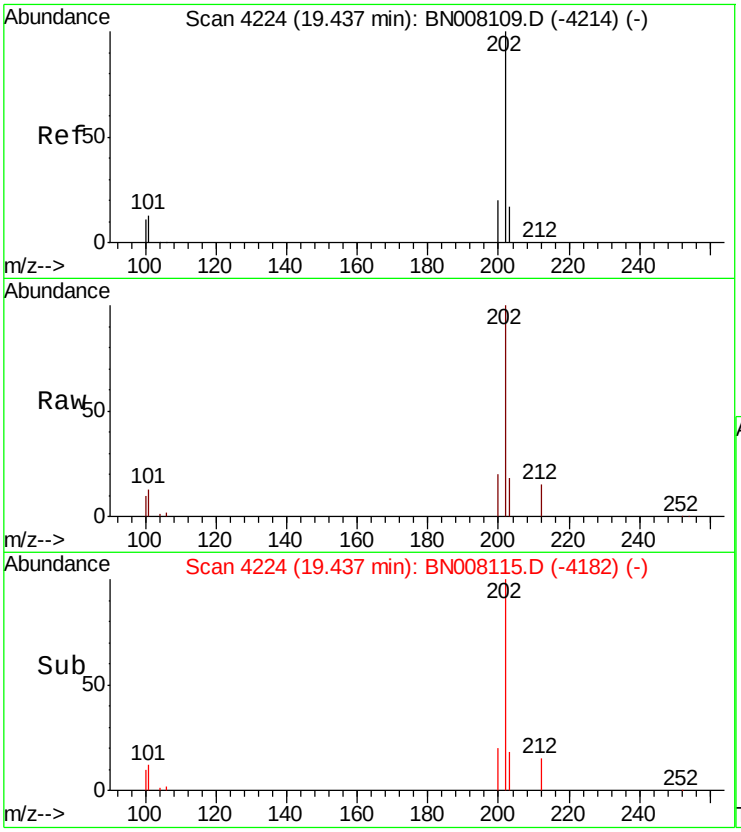


#15
Fluoranthene
Concen: 1.308 ng/ul m
RT: 19.07 min Scan# 4145
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:202 Resp: 93923

Ion	Ratio	Lower	Upper
202	100		
101	11.8	0.0	31.2
100	9.0	0.0	28.5





#17
Pyrene
Concen: 0.983 ng/ul
RT: 19.44 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:202 Resp: 78551

Ion	Ratio	Lower	Upper
202	100		
101	12.7	10.9	16.3
100	10.3	8.7	13.1

Instrument :
BNA_N
ClientSampleId :
BEPE9

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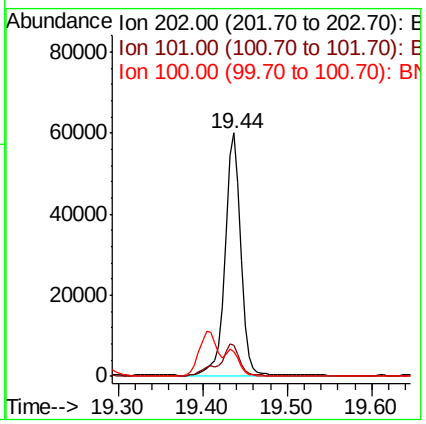
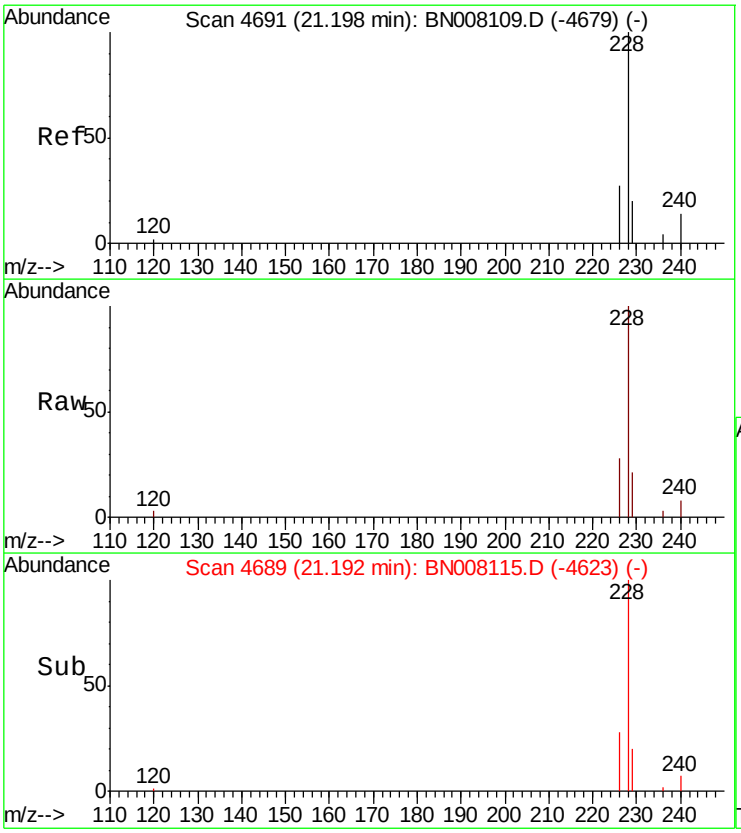
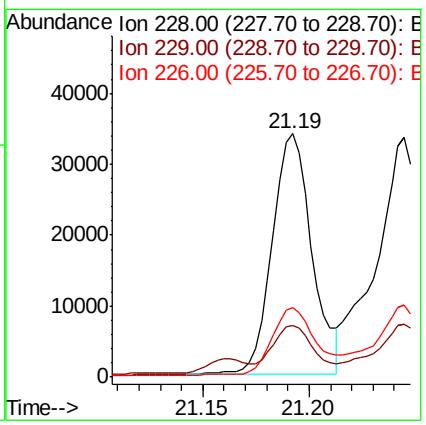


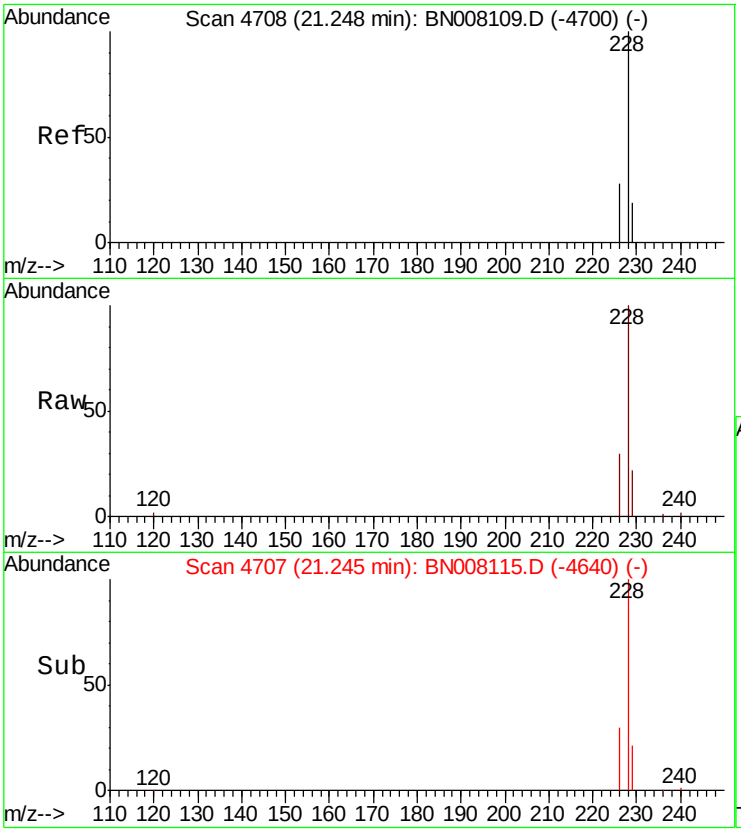


#18
Benzo(a)anthracene
Concen: 0.603 ng/ul
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:228 Resp: 44038

Ion	Ratio	Lower	Upper
228	100		
229	21.4	16.2	24.2
226	28.4	21.4	32.0

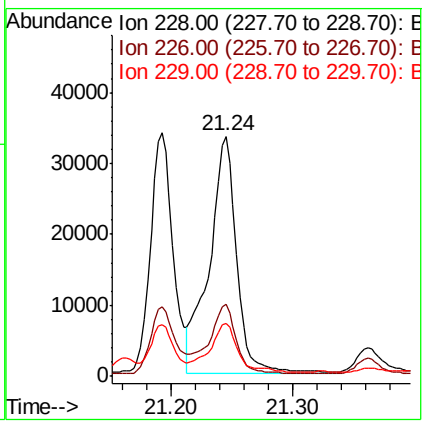




#19
Chrysene
Concen: 0.585 ng/ul
RT: 21.24 min Scan# 4707
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:228 Resp: 52389

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.1	36.1
229	22.2	16.2	24.2



Instrument :
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ClientSampleId :
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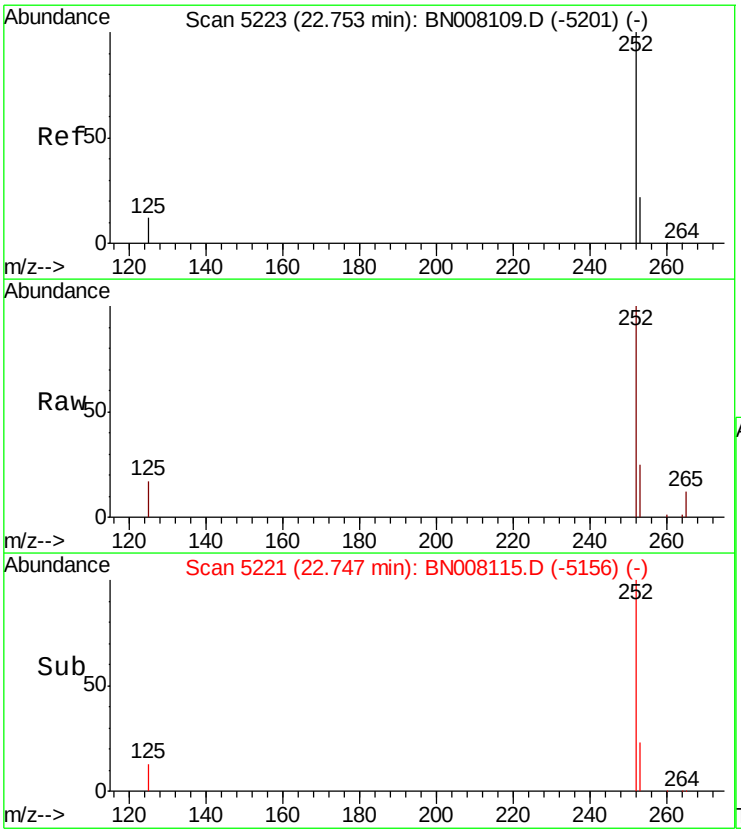
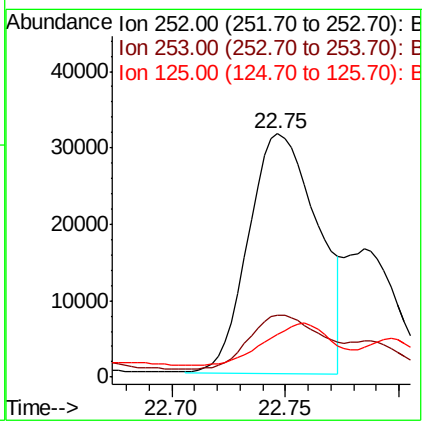
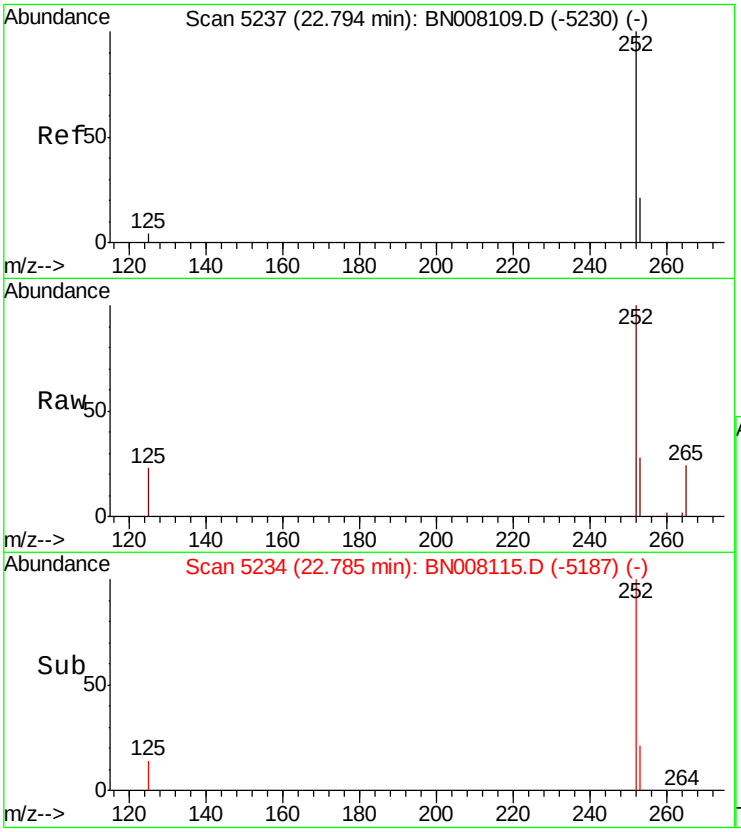


#21
Benzo(b)fluoranthene
Concen: 1.023 ng/ul m
RT: 22.75 min Scan# 5221
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:252 Resp: 66465

Ion	Ratio	Lower	Upper
252	100		
253	25.4	0.0	53.4
125	17.5	0.0	32.4

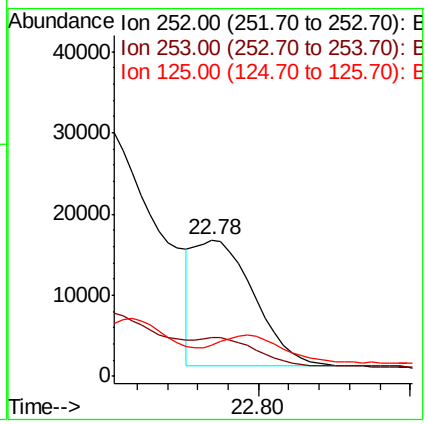




#22
Benzo(k)fluoranthene
Concen: 0.292 ng/ul m
RT: 22.78 min Scan# 5234
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:252 Resp: 21479

Ion	Ratio	Lower	Upper
252	100		
253	28.2	21.3	31.9
125	23.0	12.3	18.5#



Instrument :
BNA_N
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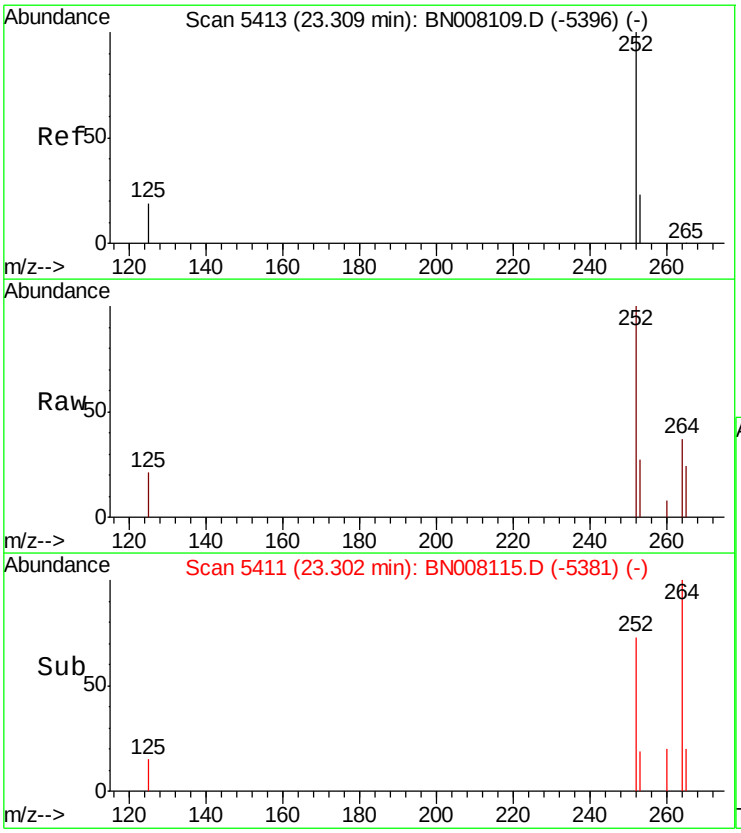
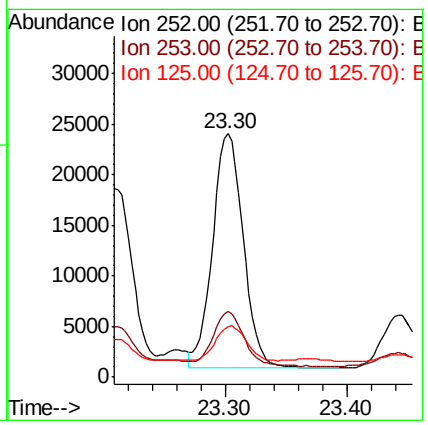
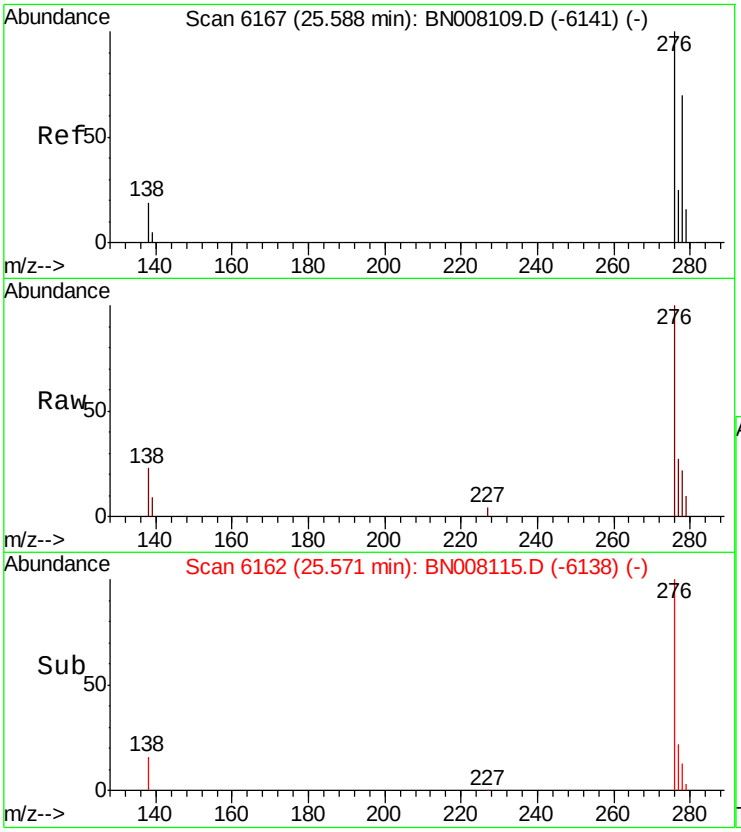


#23
Benzo(a)pyrene
Concen: 0.595 ng/ul
RT: 23.30 min Scan# 5411
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:252 Resp: 40657

Ion	Ratio	Lower	Upper
252	100		
253	26.8	22.8	34.2
125	20.6	18.4	27.6





#24
Indeno(1,2,3-cd)pyrene
Concen: 0.337 ng/ul
RT: 25.57 min Scan# 6162
Delta R.T. -0.02 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:276 Resp: 27148

Ion	Ratio	Lower	Upper
276	100		
138	18.9	16.1	24.1
227	0.0	0.2	0.2#

Instrument :
BNA_N
ClientSampleId :
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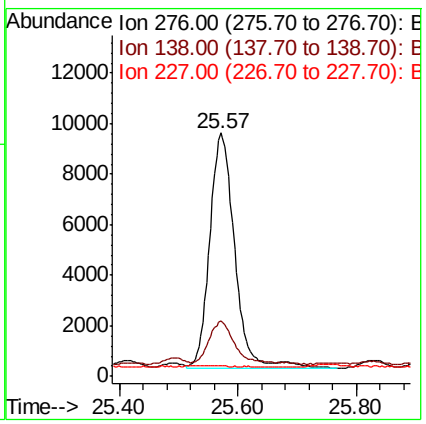
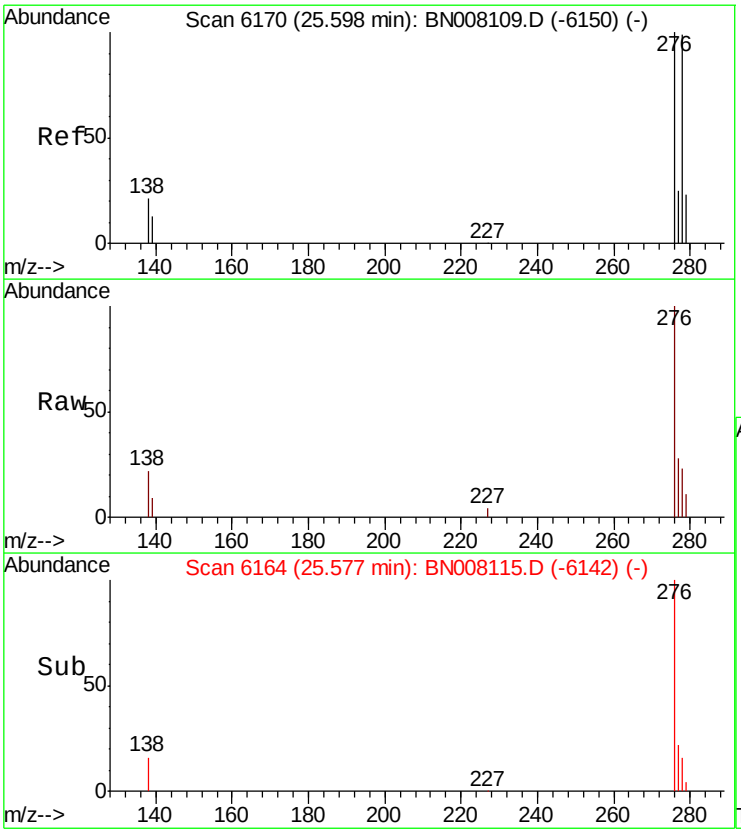
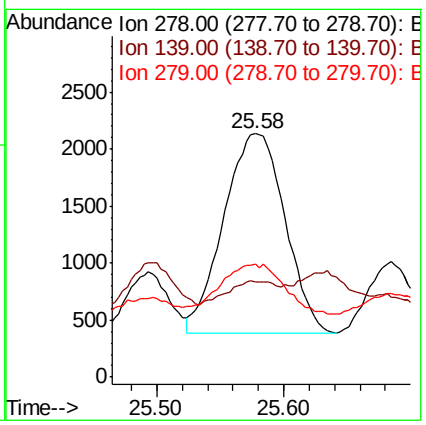


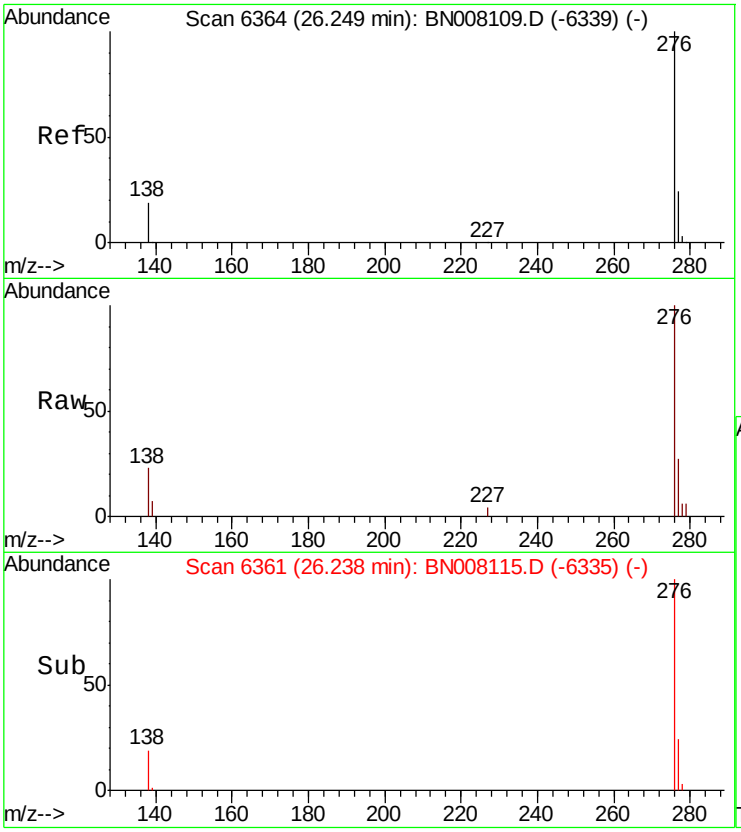


#25
Dibenzo(a,h)anthracene
Concen: 0.092 ng/ul
RT: 25.58 min Scan# 6164
Delta R.T. -0.03 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:278 Resp: 5880

Ion	Ratio	Lower	Upper
278	100		
139	39.2	15.0	22.6#
279	46.5	22.4	33.6#

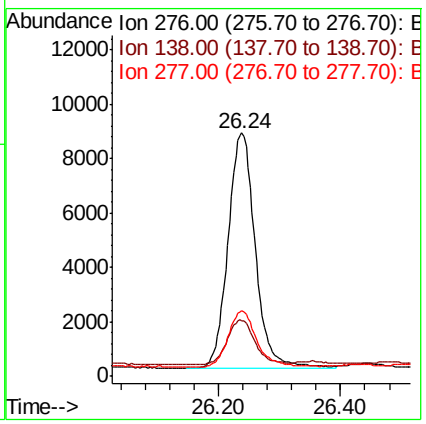




#26
Benzo(g,h,i)perylene
Concen: 0.364 ng/ul
RT: 26.24 min Scan# 6361
Delta R.T. -0.01 min
Lab File: BN008115.D
Acq: 12 Oct 2019 16:33

Tgt Ion:276 Resp: 26878

Ion	Ratio	Lower	Upper
276	100		
138	23.0	17.0	25.4
277	26.7	20.4	30.6



Instrument :
BNA_N
ClientSampleId :
BEPE9

Manual Integrations APPROVED
mohammad
10/15/2019 7:58:58 AM