

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006525.D
 Acq On : 24 Jun 2019 11:30
 Operator : HP/JU
 Sample : K3360-20
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4202

Manual Integrations
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mohammad
 6/25/2019 6:16:43 PM

Quant Time: Jun 25 00:55:58 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4553	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16884	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.28	164	8623	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	15156m	0.40	ng/ul	0.00
16) Chrysene-d12	21.28	240	9892m	0.40	ng/ul	0.01
20) Perylene-d12	23.54	264	9074m	0.40	ng/ul	0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8179	0.32	ng/ul	-0.01
14) Fluoranthene-d10	19.09	212	13460m	0.33	ng/ul	0.00
Target Compounds						Qvalue
3) Naphthalene	10.46	128	1325	0.028	ng/ul#	83
7) Acenaphthylene	14.00	152	1293	0.027	ng/ul#	84
8) Acenaphthene	14.35	153	987	0.030	ng/ul	96
9) Fluorene	15.34	166	1094	0.028	ng/ul#	96
12) Phenanthrene	17.08	178	37734m	0.776	ng/ul	
13) Anthracene	17.17	178	5894m	0.127	ng/ul	
15) Fluoranthene	19.11	202	155730m	2.899	ng/ul	
17) Pyrene	19.49	202	130683	2.508	ng/ul	97
18) Benzo(a)anthracene	21.26	228	60067	1.373	ng/ul	99
19) Chrysene	21.32	228	86766	2.113	ng/ul	100
21) Benzo(b)fluoranthene	22.87	252	124130m	3.281	ng/ul	
22) Benzo(k)fluoranthene	22.91	252	46644m	1.266	ng/ul	
23) Benzo(a)pyrene	23.44	252	77210m	2.191	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.78	276	60410m	1.584	ng/ul	
25) Dibenzo(a,h)anthracene	25.78	278	13161m	0.432	ng/ul	
26) Benzo(g,h,i)perylene	26.46	276	55695m	1.743	ng/ul	

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

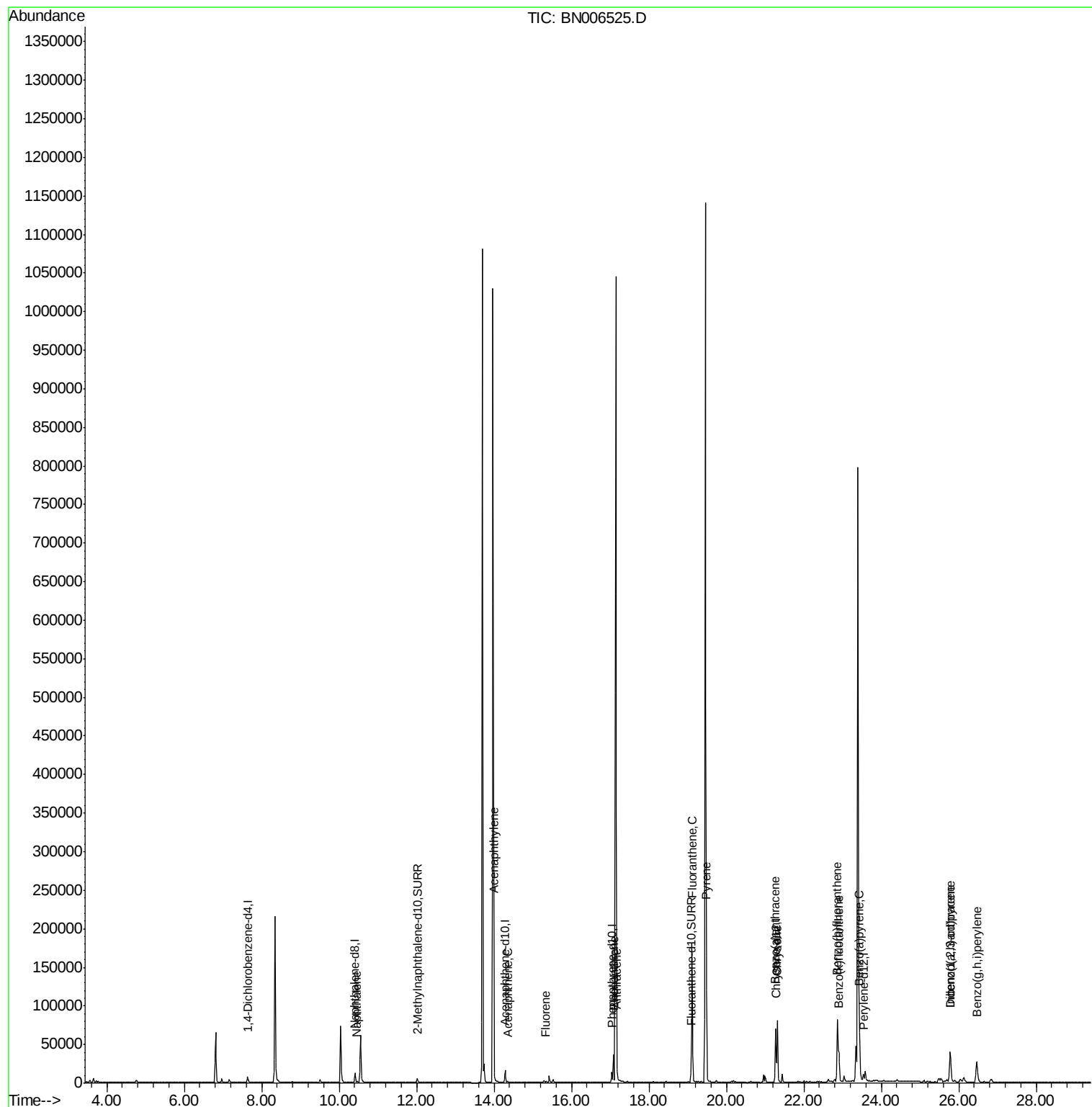
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
Data File : BN006525.D
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ALS Vial : 4 Sample Multiplier: 1

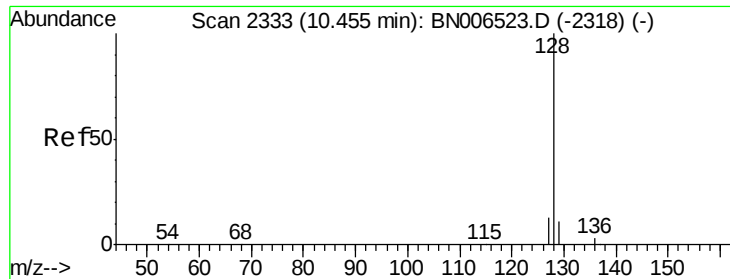
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Mon Jun 17 11:13:07 2019
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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.46 min Scan# 2334

Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Instrument :

BNA_N

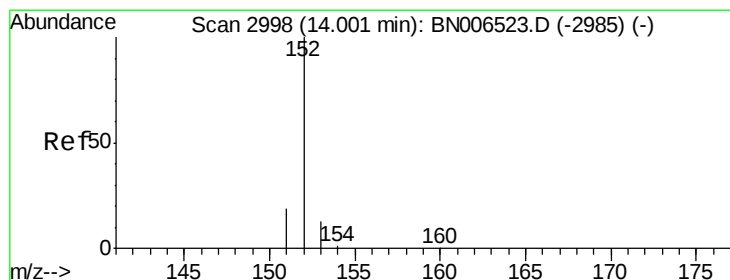
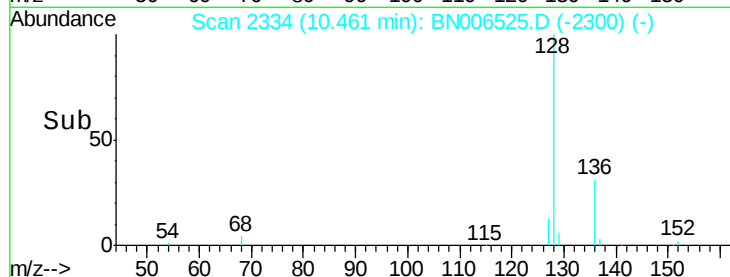
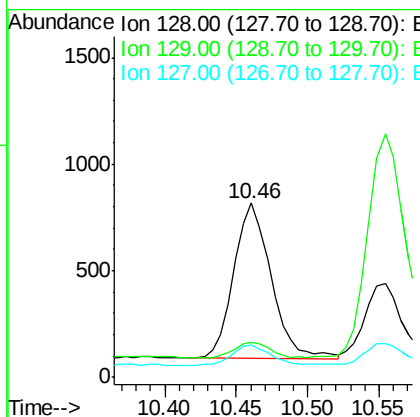
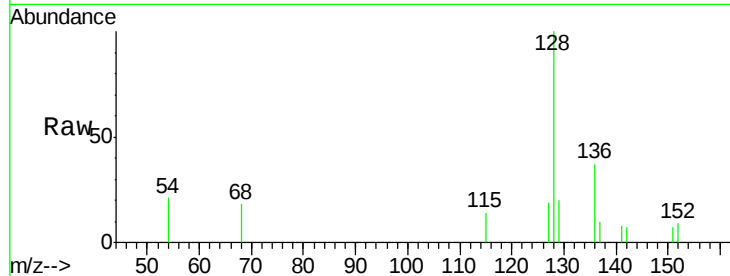
ClientSampled :

A4202

Tgt Ion:	128	Resp:	1325
Ion Ratio	Lower	Upper	
128	100		
129	19.9	9.3	13.9#
127	18.6	10.7	16.1#

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#7

Acenaphthylene

Concen: 0.027 ng/ul

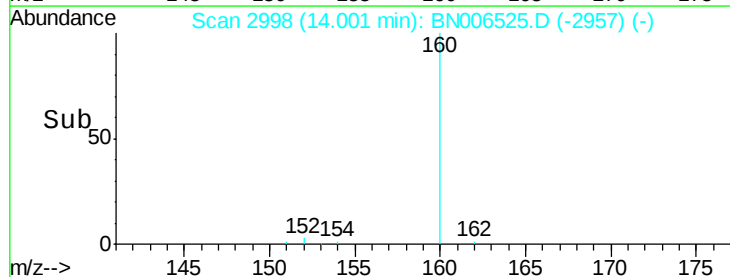
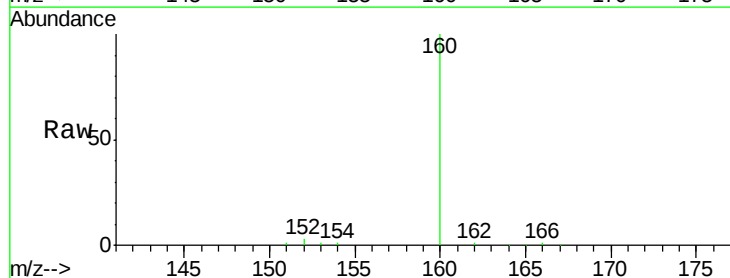
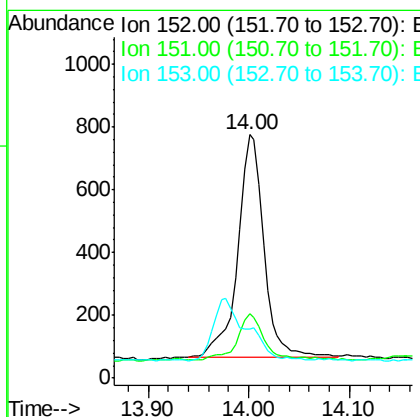
RT: 14.00 min Scan# 2998

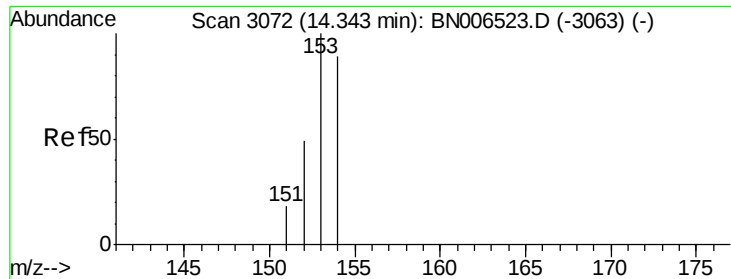
Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Tgt Ion:	152	Resp:	1293
Ion Ratio	Lower	Upper	
152	100		
151	26.5	15.8	23.8#
153	20.2	10.8	16.2#





#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.35 min Scan# 3073

Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Instrument :

BNA_N

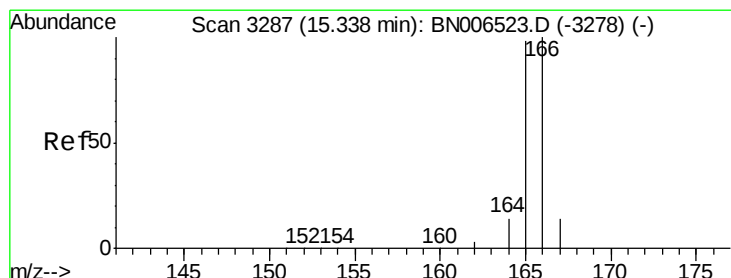
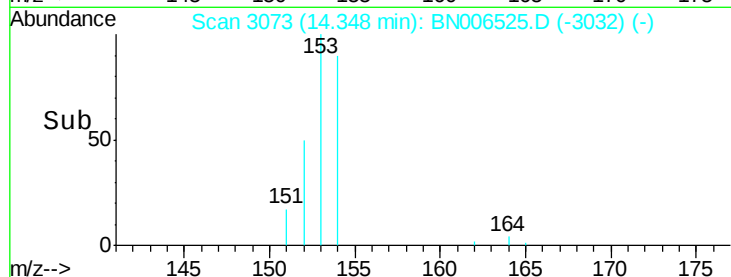
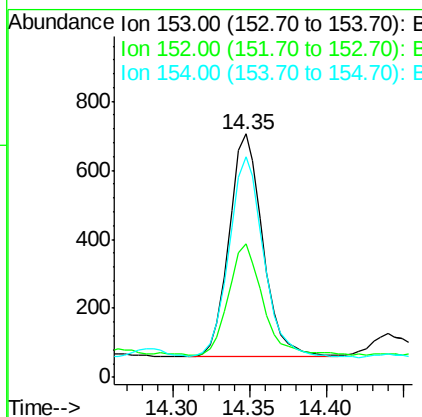
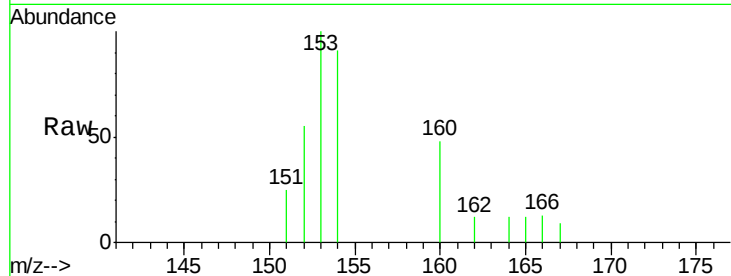
ClientSampleId :

A4202

Tgt Ion:	153	Resp:	987
Ion Ratio	Lower	Upper	
153	100		
152	55.0	39.1	58.7
154	90.8	71.1	106.7

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#9

Fluorene

Concen: 0.028 ng/ul

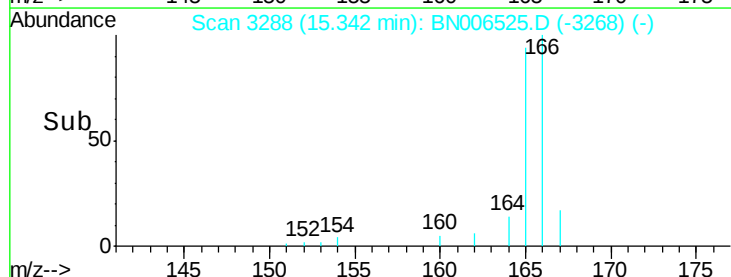
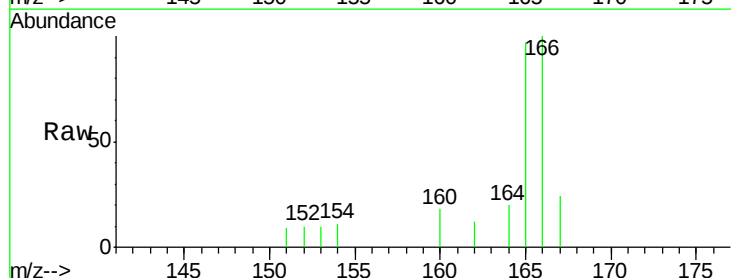
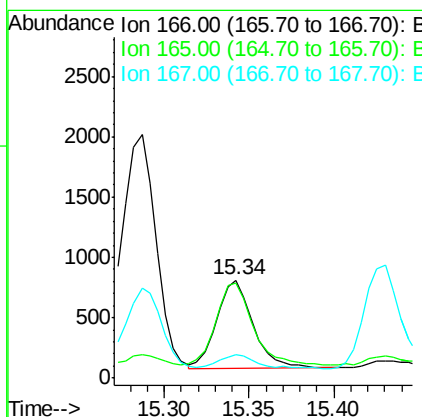
RT: 15.34 min Scan# 3288

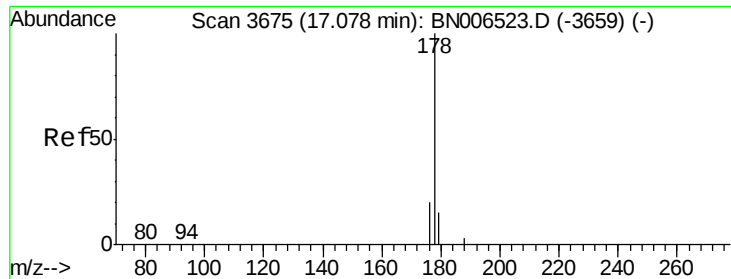
Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Tgt Ion:	166	Resp:	1094
Ion Ratio	Lower	Upper	
166	100		
165	96.8	76.4	114.6
167	23.6	11.0	16.6#





#12

Phenanthrene

Concen: 0.776 ng/ul m

RT: 17.08 min Scan# 3676

Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Instrument :

BNA_N

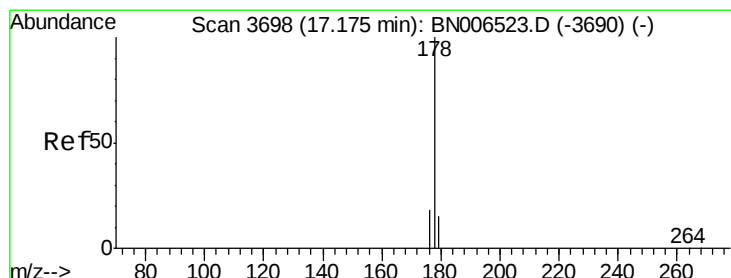
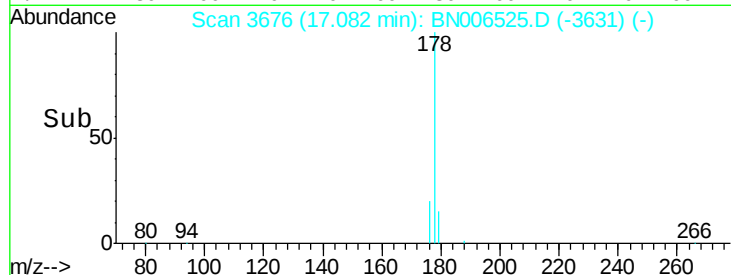
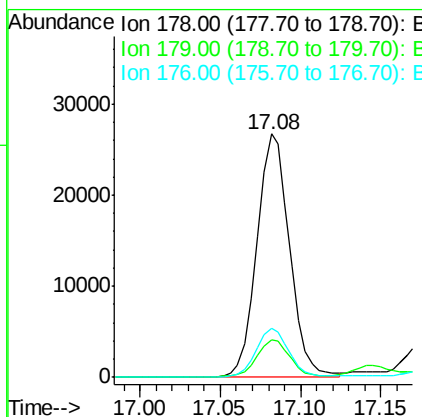
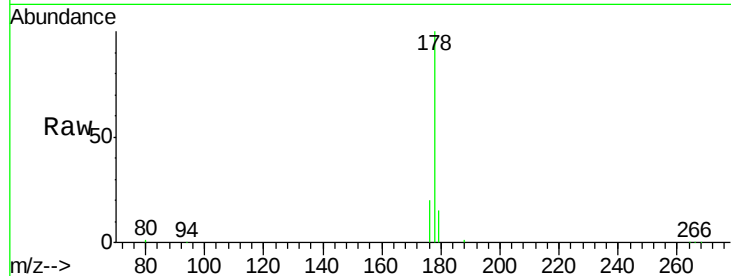
ClientSampleId :

A4202

Tgt Ion:	178	Resp:	37734
Ion Ratio	Lower	Upper	
178	100		
179	15.4	12.3	18.5
176	19.9	15.3	22.9

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#13

Anthracene

Concen: 0.127 ng/ul m

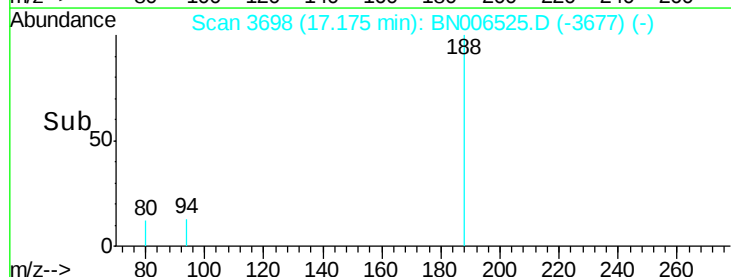
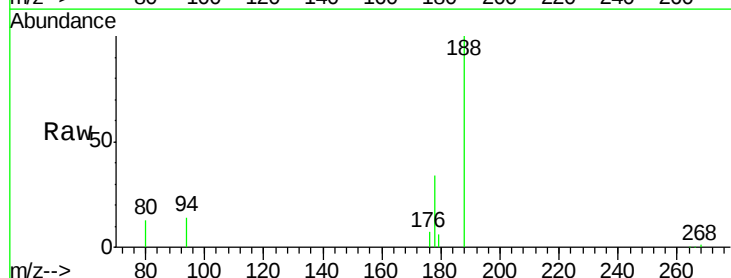
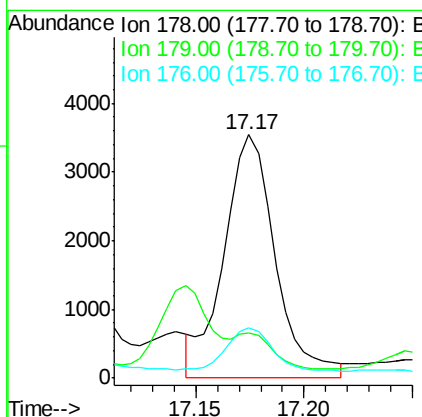
RT: 17.17 min Scan# 3698

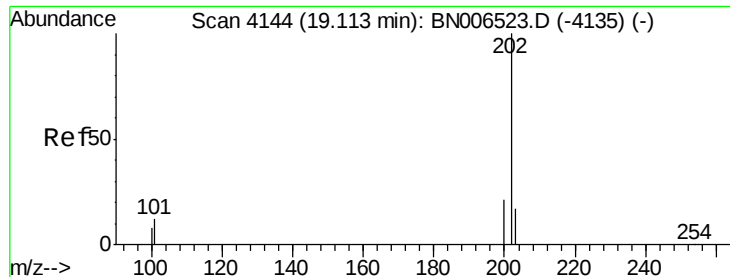
Delta R.T. -0.01 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Tgt Ion:	178	Resp:	5894
Ion Ratio	Lower	Upper	
178	100		
179	18.5	12.2	18.4#
176	20.5	15.1	22.7





#15

Fluoranthene

Concen: 2.899 ng/ul m

RT: 19.11 min Scan# 4144

Delta R.T. -0.00 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

Instrument :

BNA_N

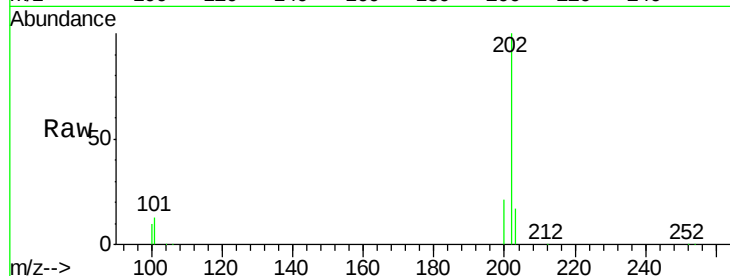
ClientSampleId :

A4202

Tgt Ion:	202	Resp:	155730
Ion Ratio	Lower	Upper	
202	100		
101	13.3	0.0	32.1
100	9.7	0.0	28.7

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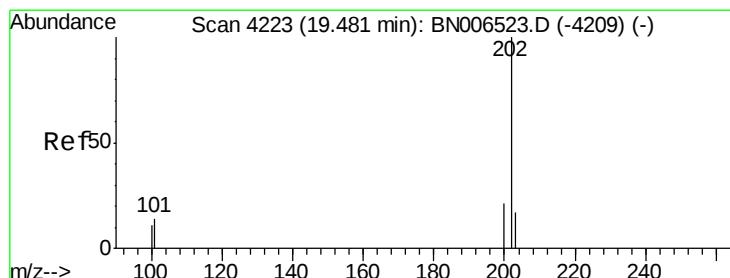
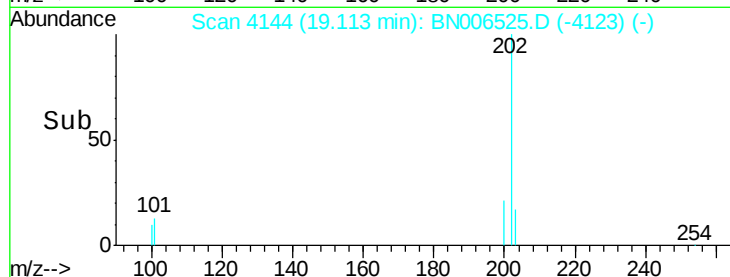
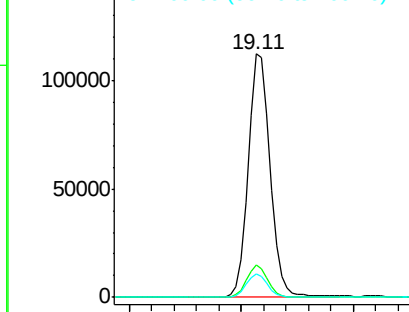
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 2.508 ng/ul

RT: 19.49 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN006525.D

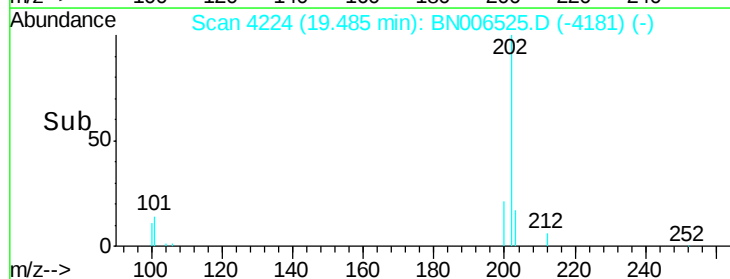
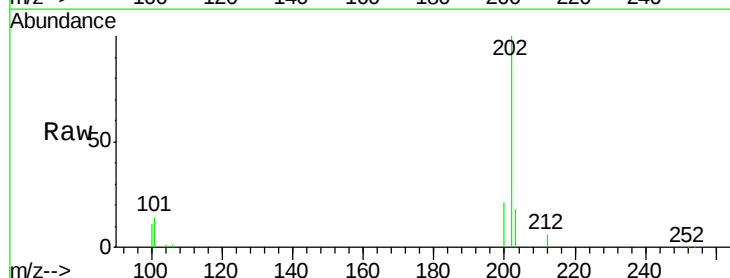
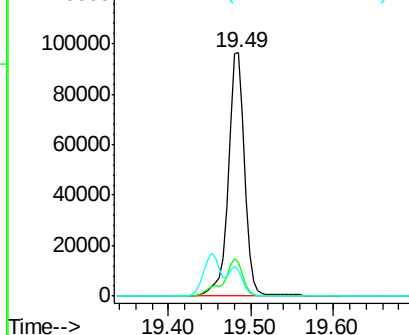
Acq: 24 Jun 2019 11:30

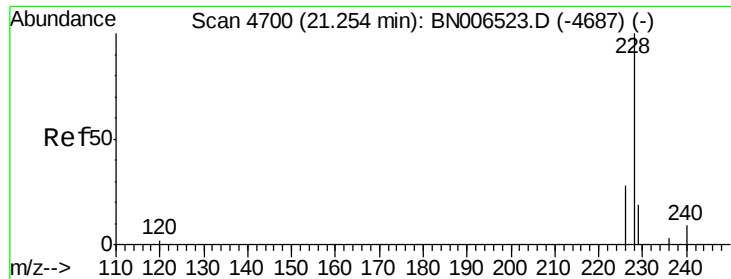
Tgt Ion:	202	Resp:	130683
Ion Ratio	Lower	Upper	
202	100		
101	13.9	12.2	18.2
100	10.7	9.8	14.6

Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





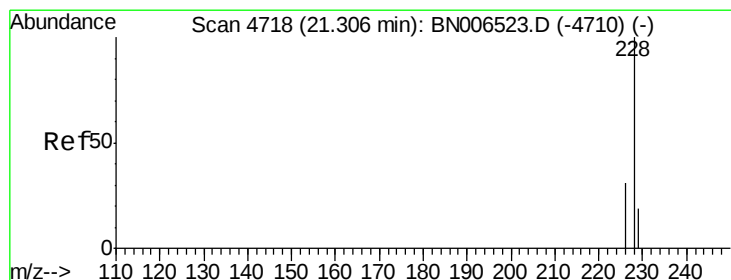
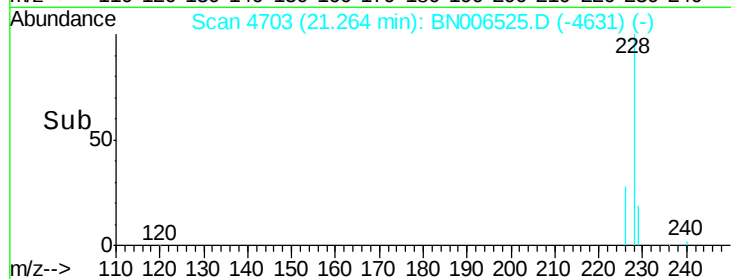
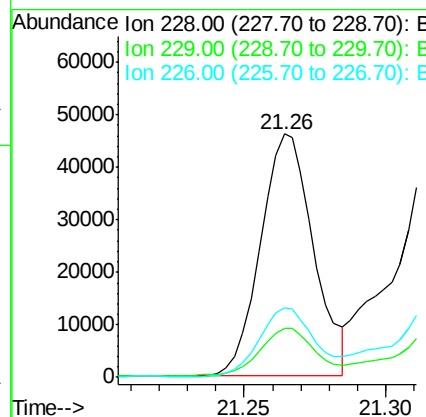
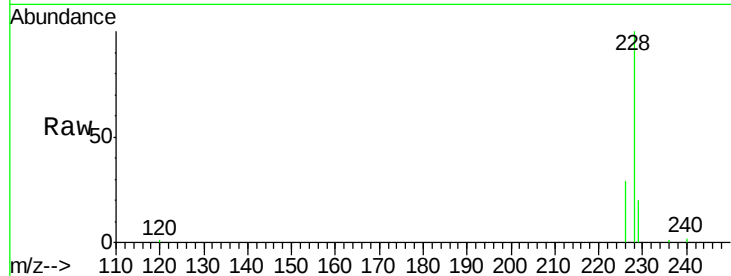
#18
Benzo(a)anthracene
Concen: 1.373 ng/ul
RT: 21.26 min Scan# 4703
Delta R.T. 0.01 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Instrument :
BNA_N
ClientSampleId :
A4202

Tgt Ion	Ratio	Lower	Upper
228	100		
229	19.9	16.5	24.7
226	28.7	22.8	34.2

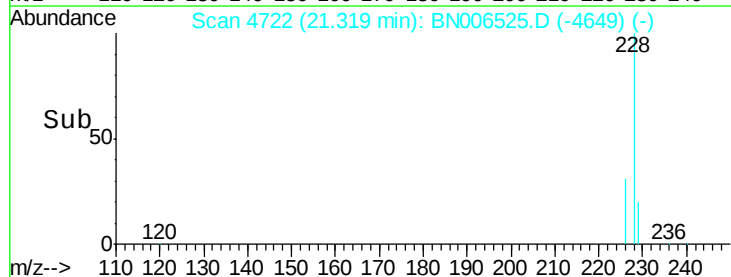
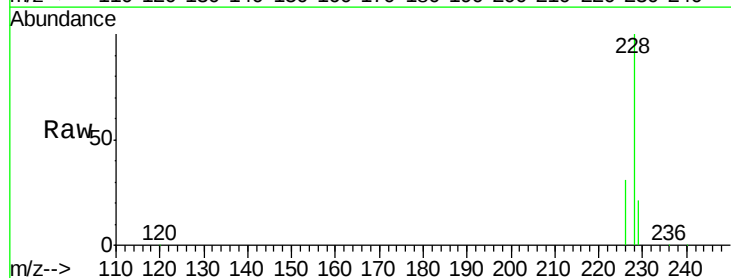
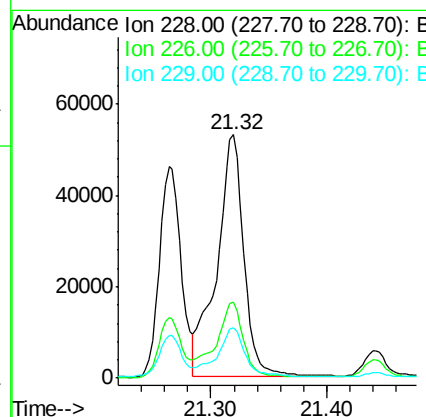
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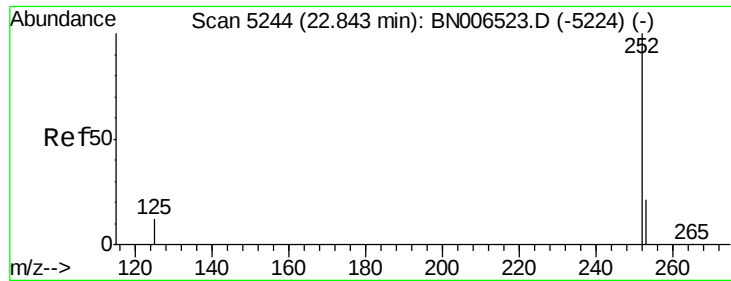
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#19
Chrysene
Concen: 2.113 ng/ul
RT: 21.32 min Scan# 4722
Delta R.T. 0.01 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.2	25.0	37.6
229	20.7	16.3	24.5





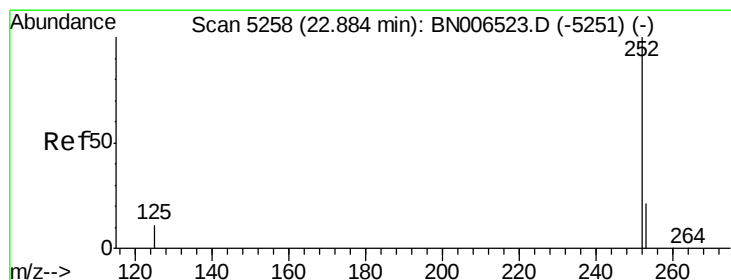
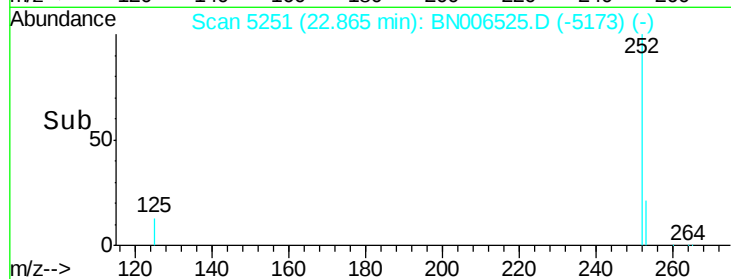
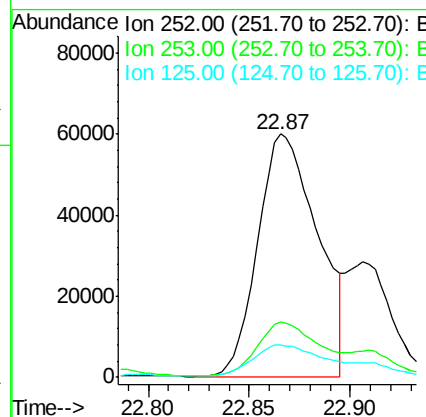
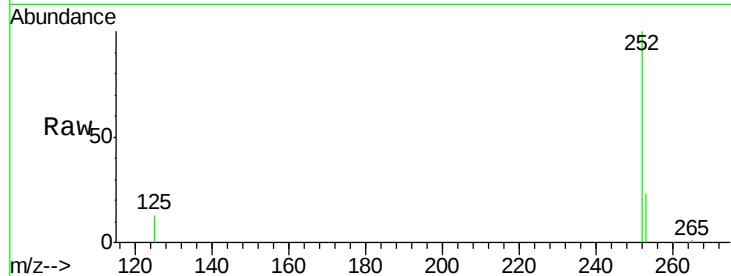
#21
Benzo(b)fluoranthene
Concen: 3.281 ng/ul m
RT: 22.87 min Scan# 5251
Delta R.T. 0.03 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Instrument :
BNA_N
ClientSampleId :
A4202

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	22.8	0.0	51.4
125	13.2	0.0	41.0

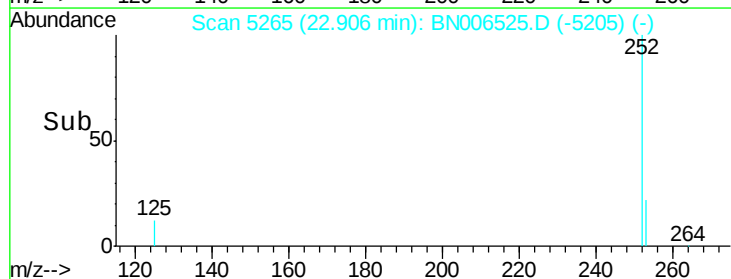
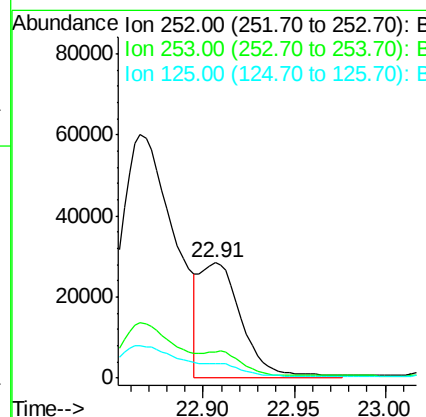
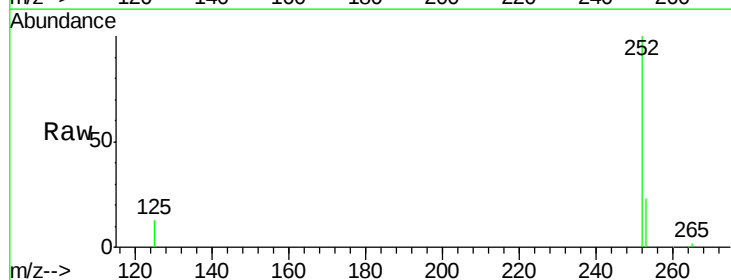
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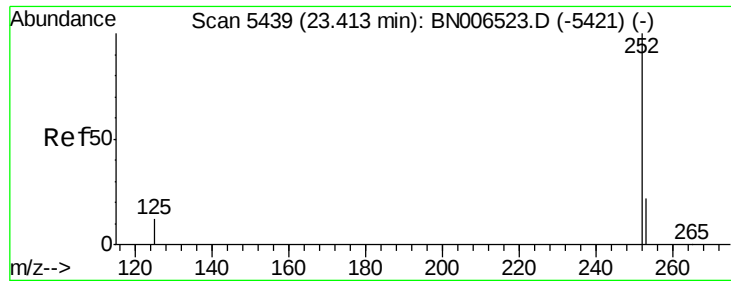
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#22
Benzo(k)fluoranthene
Concen: 1.266 ng/ul m
RT: 22.91 min Scan# 5265
Delta R.T. 0.03 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.1	20.3	30.5
125	13.2	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 2.191 ng/ul m

RT: 23.44 min Scan# 5447

Delta R.T. 0.03 min

Lab File: BN006525.D

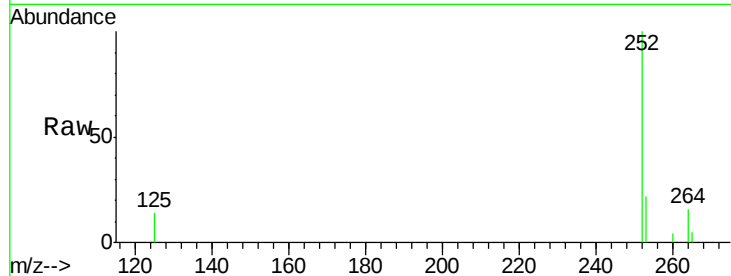
Acq: 24 Jun 2019 11:30

Instrument :

BNA_N

ClientSampled :

A4202



Tgt Ion: 252 Resp: 77210

Ion Ratio Lower Upper

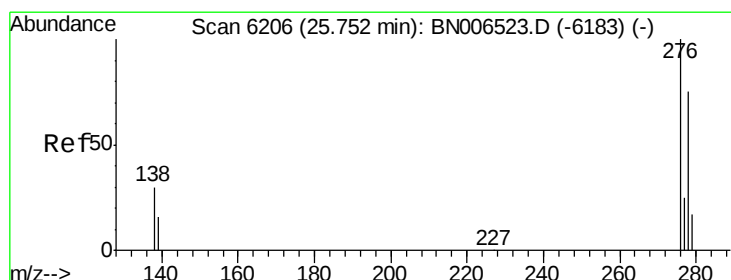
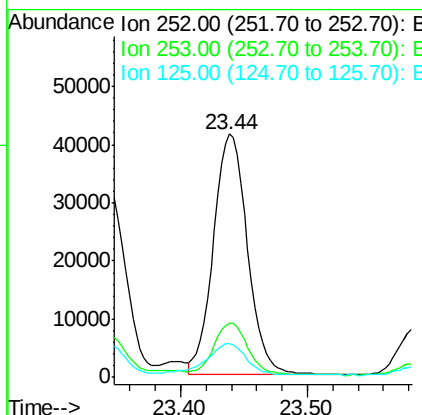
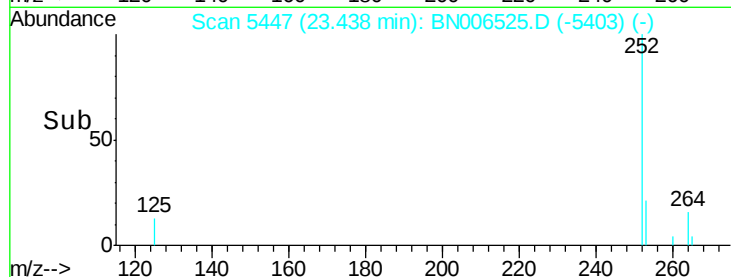
252 100

253 22.2 21.1 31.7

125 13.9 20.3 30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 1.584 ng/ul m

RT: 25.78 min Scan# 6214

Delta R.T. 0.04 min

Lab File: BN006525.D

Acq: 24 Jun 2019 11:30

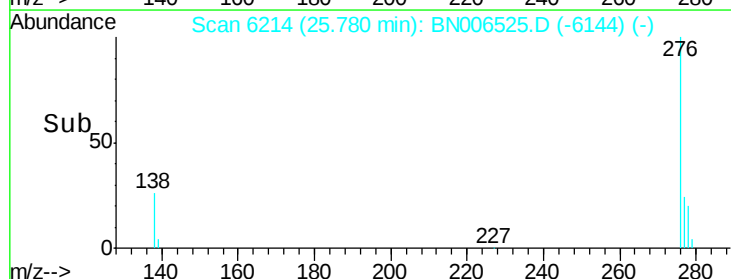
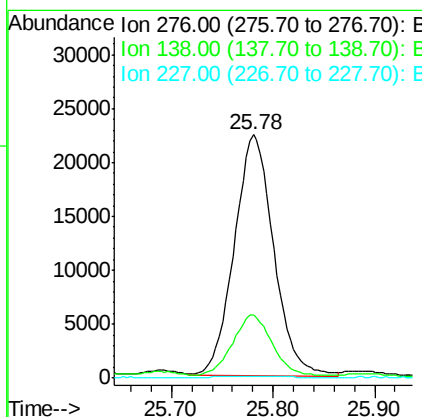
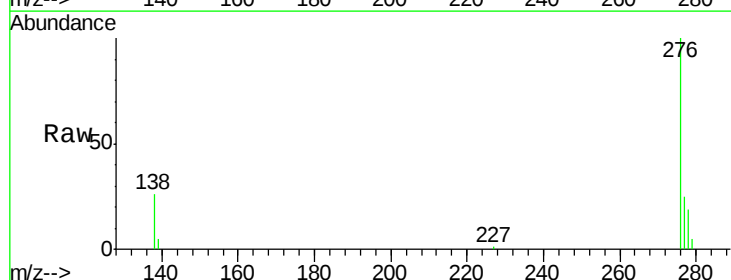
Tgt Ion: 276 Resp: 60410

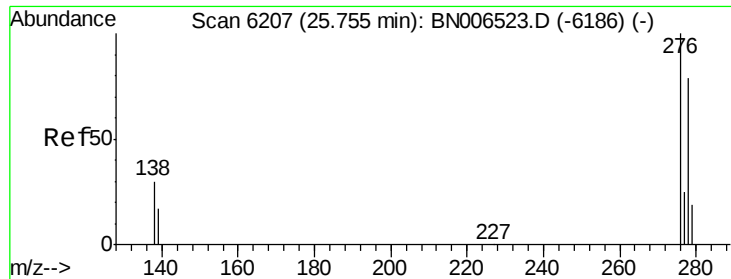
Ion Ratio Lower Upper

276 100

138 2.3 25.6 38.4#

227 0.0 0.3 0.5#





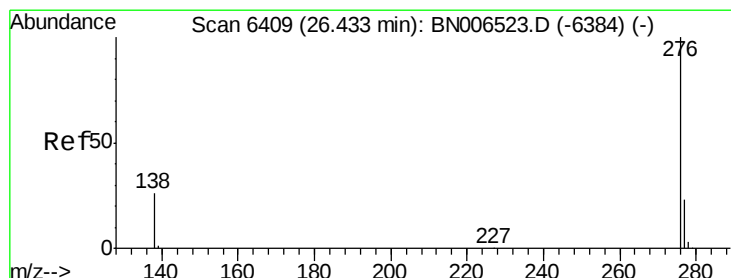
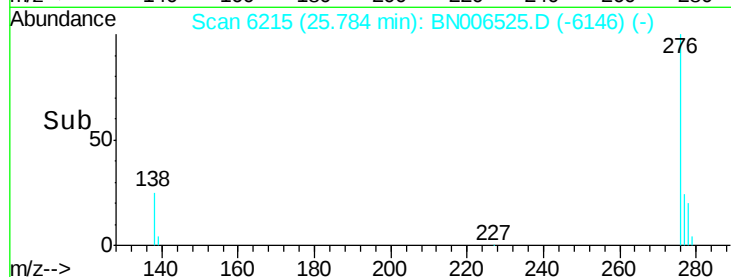
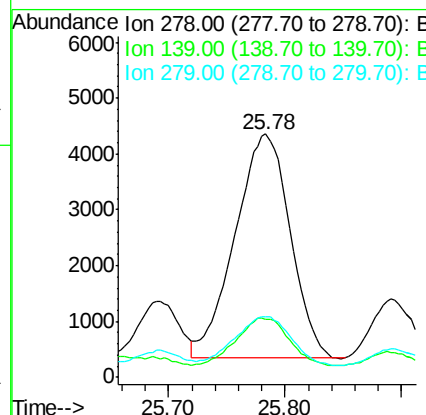
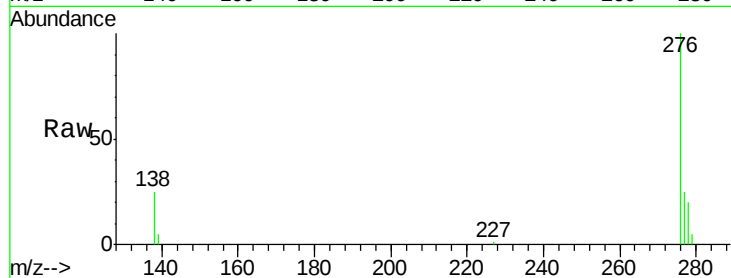
#25
Dibenzo(a,h)anthracene
Concen: 0.432 ng/ul m
RT: 25.78 min Scan# 6215
Delta R.T. 0.03 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Instrument :
BNA_N
ClientSampled :
A4202

Tgt Ion	Ratio	Lower	Upper
278	100		
139	23.7	21.2	31.8
279	25.1	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/25/2019 6:16:43 PM



#26
Benzo(g,h,i)perylene
Concen: 1.743 ng/ul m
RT: 26.46 min Scan# 6418
Delta R.T. 0.04 min
Lab File: BN006525.D
Acq: 24 Jun 2019 11:30

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.6	24.2	36.4
277	23.8	21.5	32.3

