

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006532.D
 Acq On : 24 Jun 2019 15:53
 Operator : HP/JU
 Sample : K3362-16
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4207

Manual Integrations
 APPROVED

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 6/25/2019 6:17:09 PM

Quant Time: Jun 25 01:32:43 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	5163	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	19643	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	10141	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.04	188	20552m	0.40	ng/ul	-0.02
16) Chrysene-d12	21.26	240	11117m	0.40	ng/ul	0.00
20) Perylene-d12	23.51	264	10518m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	8637	0.29	ng/ul	-0.02
14) Fluoranthene-d10	19.08	212	16332m	0.30	ng/ul	-0.01
Target Compounds					Ovalue	
3) Naphthalene	10.46	128	12370	0.228	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	3612	0.096	ng/ul	99
7) Acenaphthylene	14.00	152	73274	1.300	ng/ul	99
8) Acenaphthene	14.34	153	4863	0.124	ng/ul	98
9) Fluorene	15.34	166	8683	0.190	ng/ul	96
12) Phenanthrene	17.08	178	86658m	1.314	ng/ul	
13) Anthracene	17.17	178	44870m	0.712	ng/ul	
15) Fluoranthene	19.11	202	207521m	2.849	ng/ul	
17) Pyrene	19.48	202	256245	4.376	ng/ul	99
18) Benzo(a)anthracene	21.25	228	107040	2.177	ng/ul	95
19) Chrysene	21.30	228	112983	2.448	ng/ul	98
21) Benzo(b)fluoranthene	22.84	252	199547m	4.550	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	71020m	1.662	ng/ul	
23) Benzo(a)pyrene	23.41	252	162184m	3.971	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	117954m	2.668	ng/ul	
25) Dibenzo(a,h)anthracene	25.74	278	30061m	0.850	ng/ul	
26) Benzo(a,h,i)perylene	26.43	276	115533m	3.120	ng/ul	

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

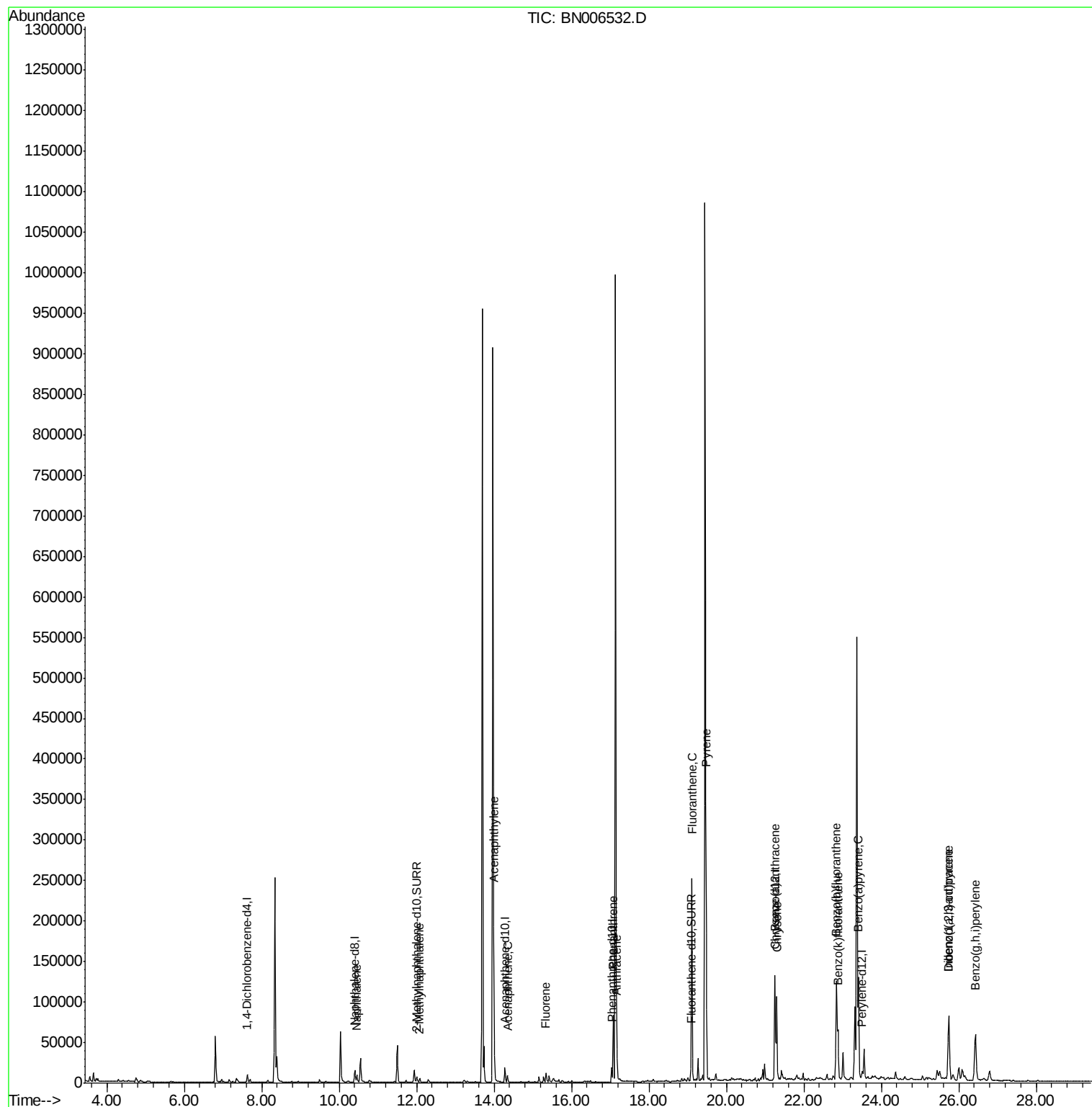
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006532.D
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Sample : K3362-16
Misc :
ALS Vial : 11 Sample Multiplier: 1

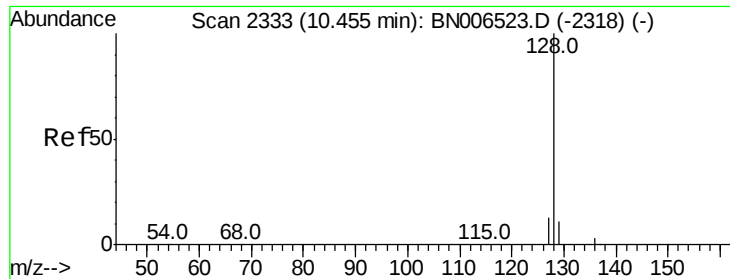
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Mon Jun 17 11:13:07 2019
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#3

Naphthalene

Concen: 0.228 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

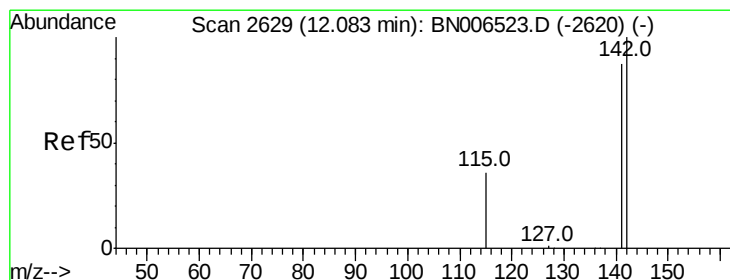
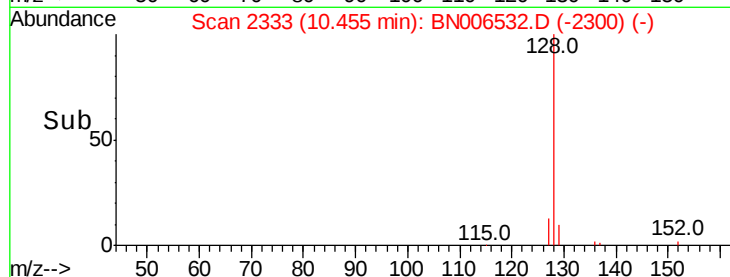
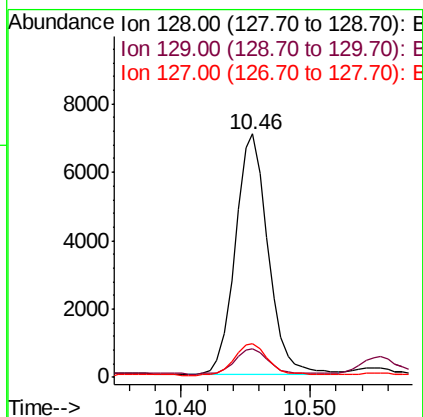
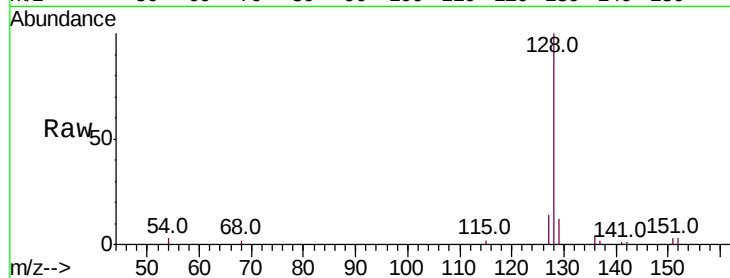
ClientSampleId :

A4207

Tot Ion:	128	Resp:	12370
Ion Ratio	Lower	Upper	
128	100		
129	12.0	9.3	13.9
127	13.9	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.096 ng/ul

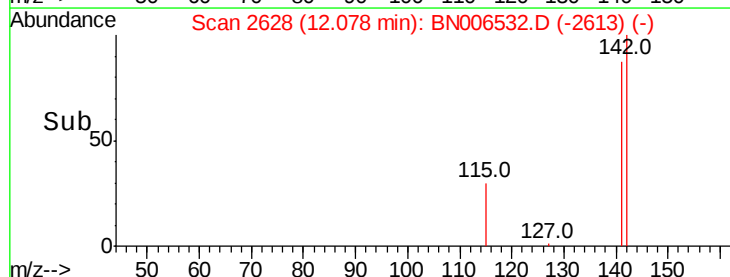
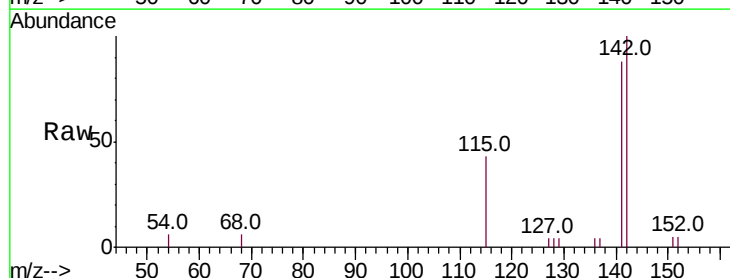
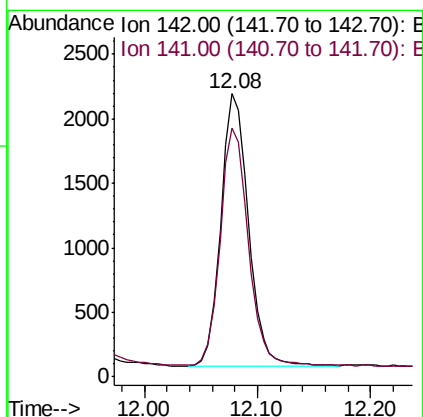
RT: 12.08 min Scan# 2628

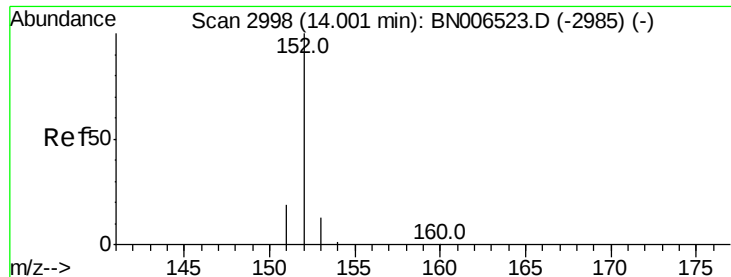
Delta R.T. -0.02 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Tgt Ion:	142	Resp:	3612
Ion Ratio	Lower	Upper	
142	100		
141	88.9	70.3	105.5





#7

Acenaphthylene

Concen: 1.300 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

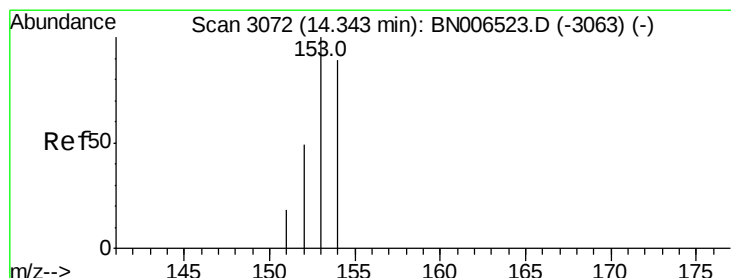
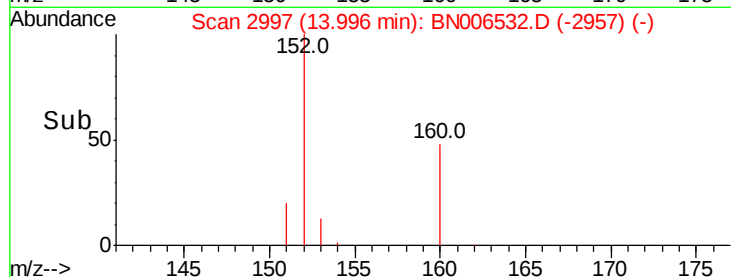
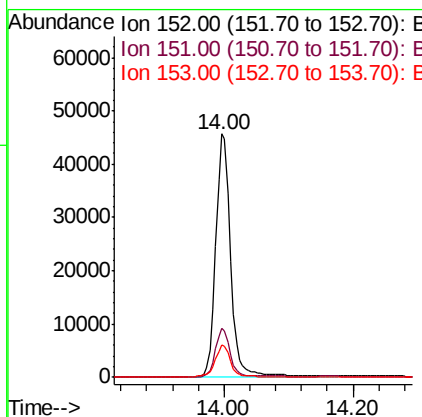
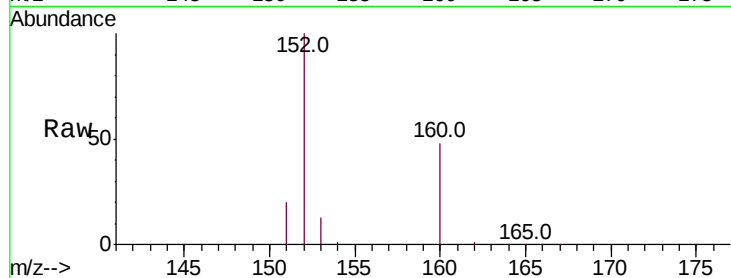
ClientSampleId :

A4207

Tot Ion:	152	Resp:	73274
Ion Ratio	Lower	Upper	
152	100		
151	20.3	15.8	23.8
153	13.3	10.8	16.2

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#8

Acenaphthene

Concen: 0.124 ng/ul

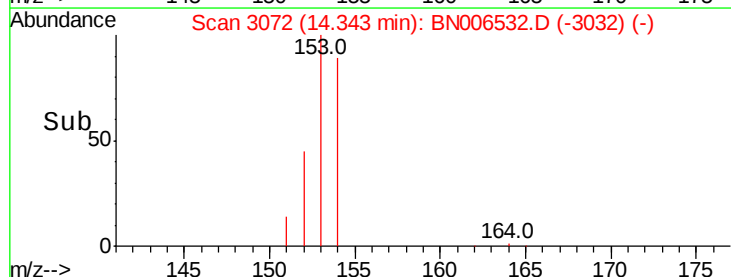
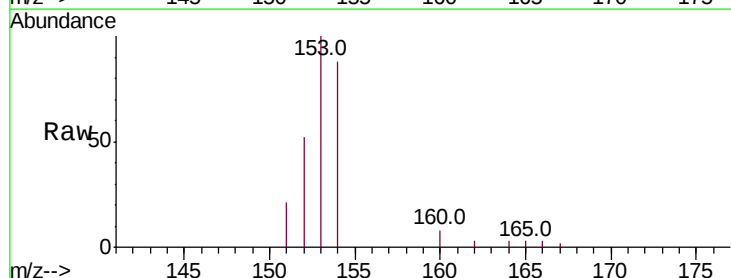
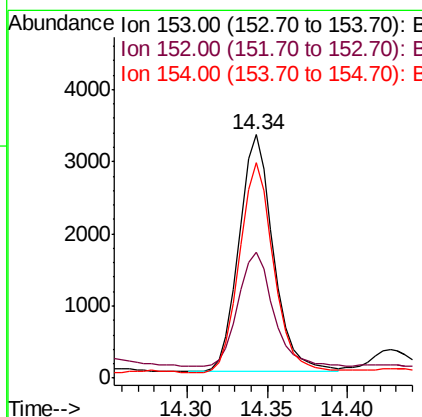
RT: 14.34 min Scan# 3072

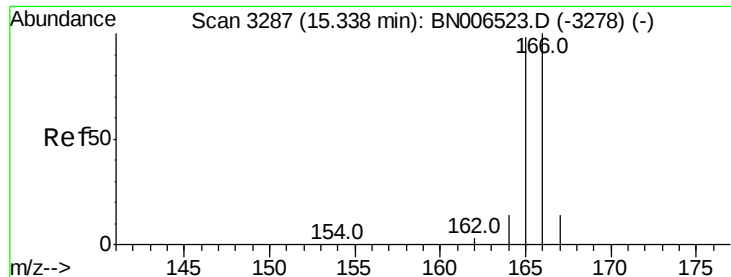
Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Tgt Ion:	153	Resp:	4863
Ion Ratio	Lower	Upper	
153	100		
152	51.9	39.1	58.7
154	88.2	71.1	106.7





#9

Fluorene

Concen: 0.190 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

ClientSampleId :

A4207

Tot Ion:166 Resp: 8683

Ion Ratio Lower Upper

166 100

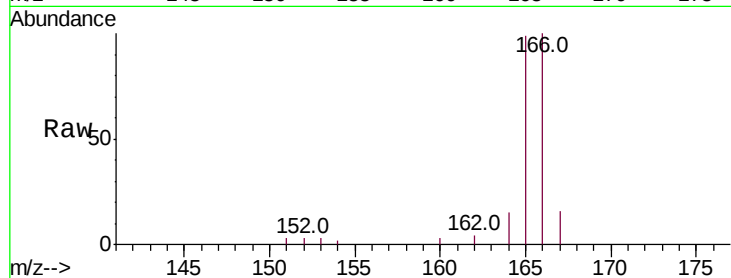
165 98.8 76.4 114.6

167 16.1 11.0 16.6

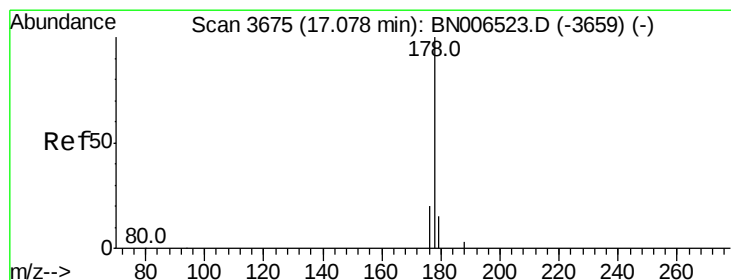
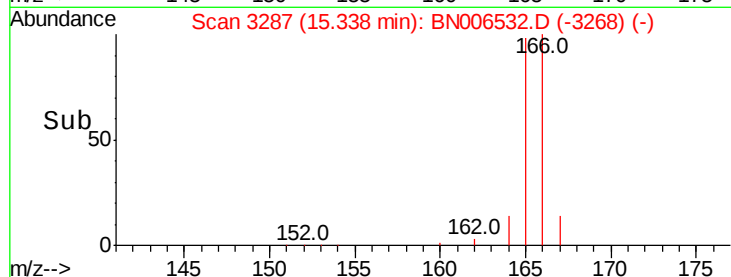
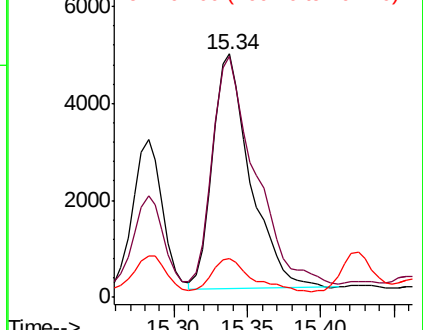
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Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 1.314 ng/ul m

RT: 17.08 min Scan# 3675

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

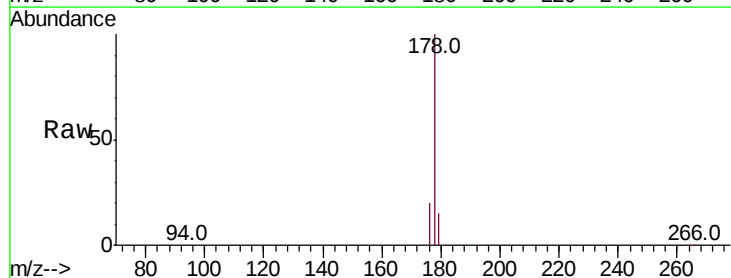
Tgt Ion:178 Resp: 86658

Ion Ratio Lower Upper

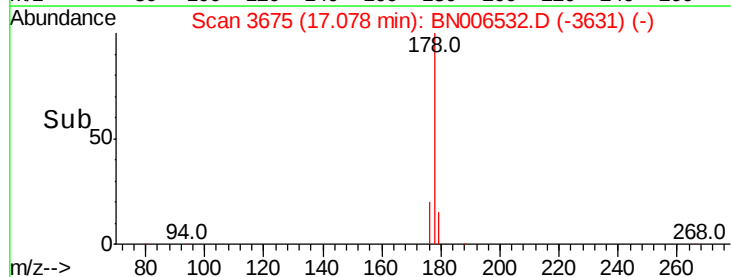
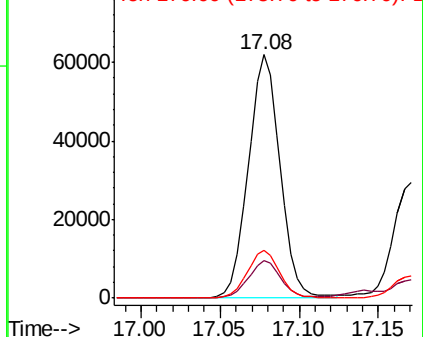
178 100

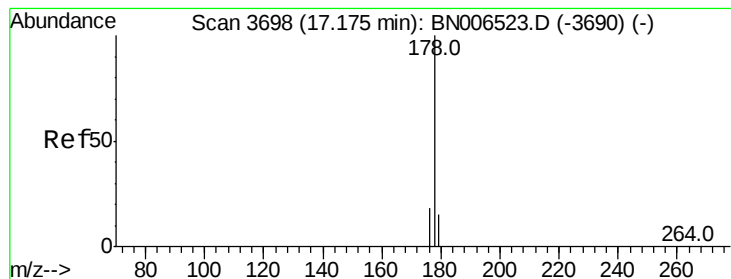
179 15.4 12.3 18.5

176 19.8 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 179.00 (178.70 to 179.70): E
Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 0.712 ng/ul m

RT: 17.17 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

ClientSampled :

A4207

Tot Ion:178 Resp: 44870

Ion Ratio Lower Upper

178 100

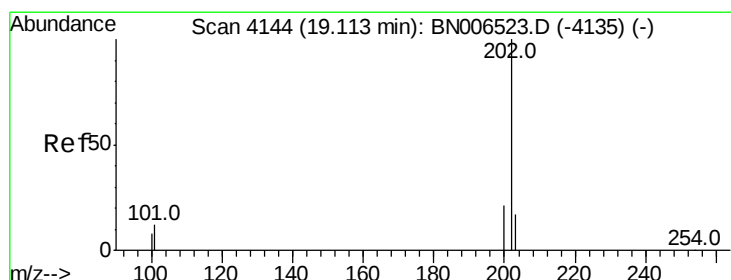
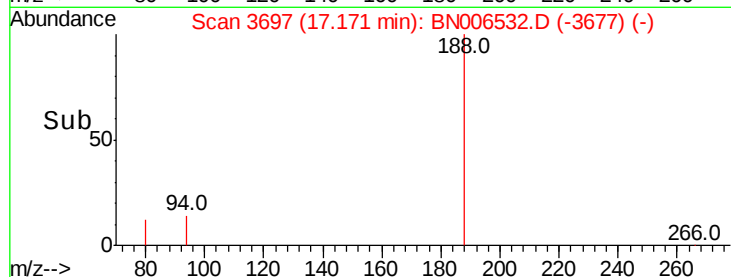
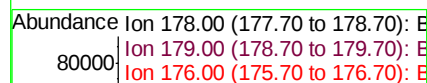
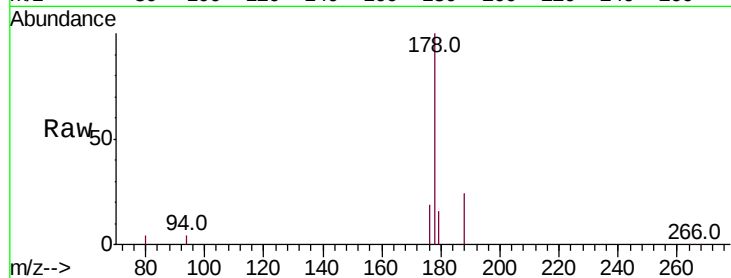
179 16.0 12.2 18.4

176 19.0 15.1 22.7

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#15

Fluoranthene

Concen: 2.849 ng/ul m

RT: 19.11 min Scan# 4143

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

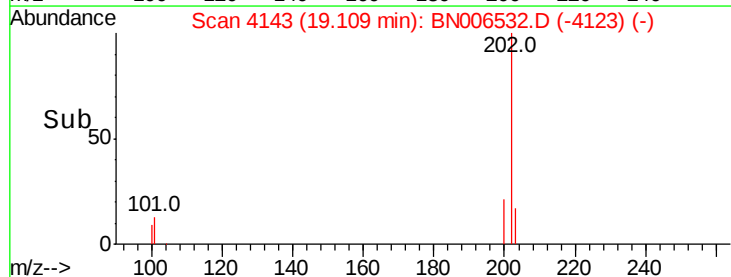
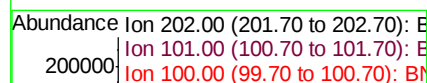
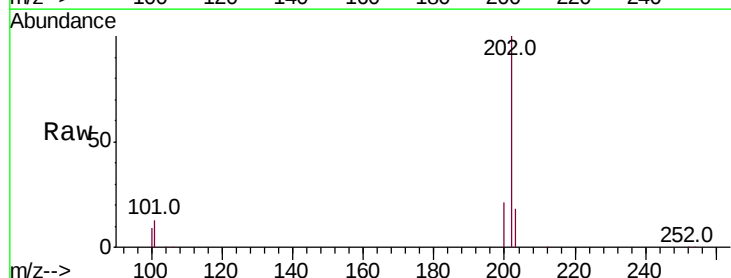
Tgt Ion:202 Resp: 207521

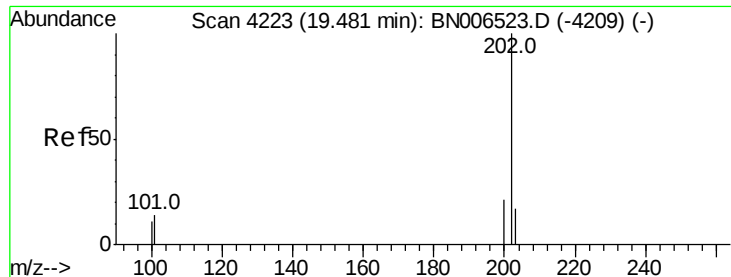
Ion Ratio Lower Upper

202 100

101 13.0 0.0 32.1

100 9.5 0.0 28.7





#17

Pvrene

Concen: 4.376 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

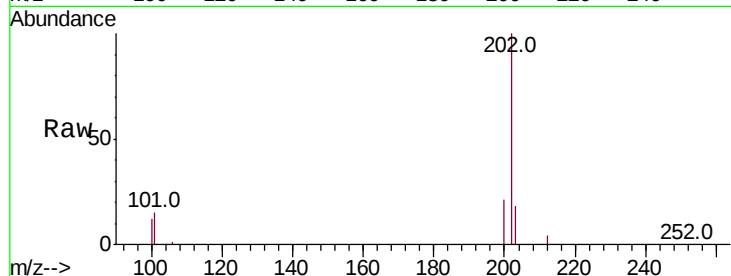
ClientSampled :

A4207

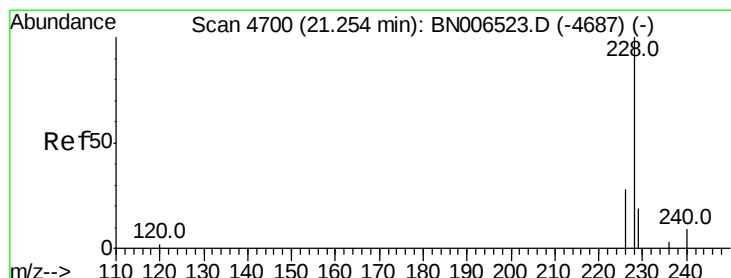
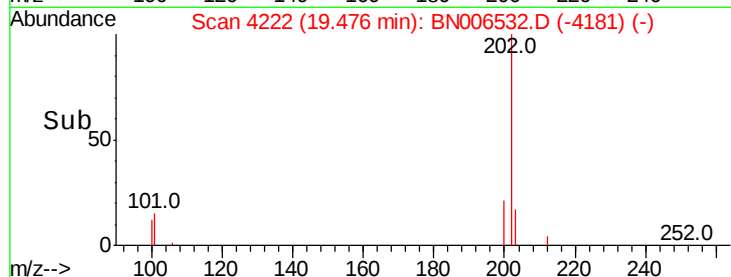
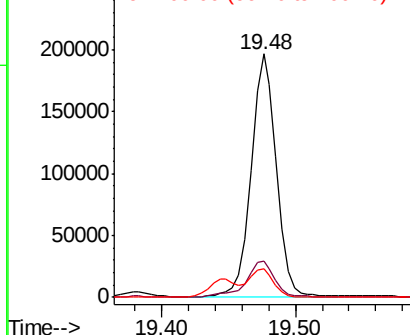
Tot Ion:	202	Resp:	256245
Ion Ratio	Lower	Upper	
202	100		
101	15.1	12.2	18.2
100	11.7	9.8	14.6

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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



#18

Benzo(a)anthracene

Concen: 2.177 ng/ul

RT: 21.25 min Scan# 4698

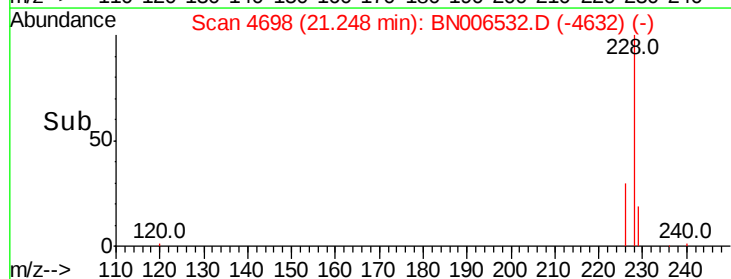
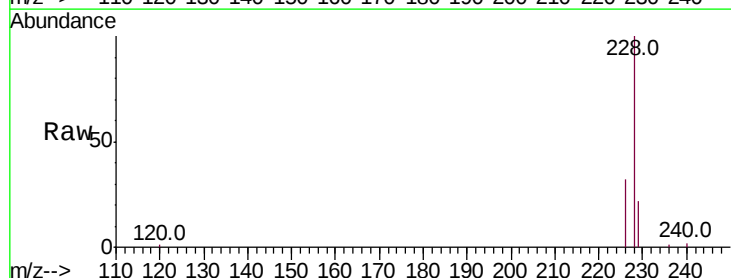
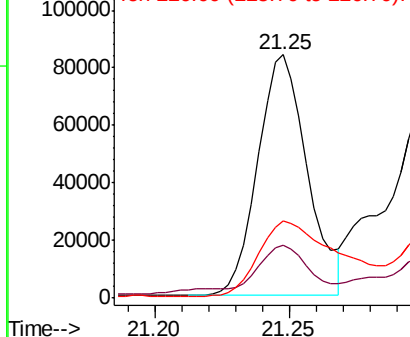
Delta R.T. -0.01 min

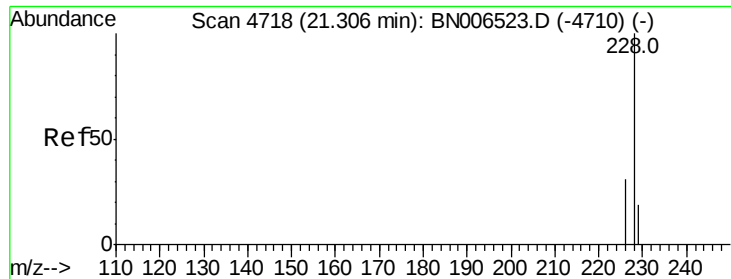
Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Tgt Ion:	228	Resp:	107040
Ion Ratio	Lower	Upper	
228	100		
229	21.7	16.5	24.7
226	31.7	22.8	34.2

Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E





#19

Chrysene

Concen: 2.448 ng/ul

RT: 21.30 min Scan# 4716

Delta R.T. -0.01 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Instrument :

BNA_N

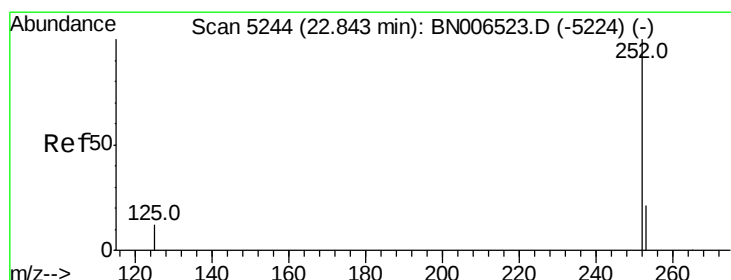
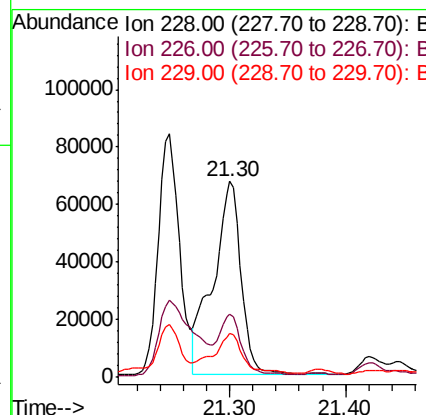
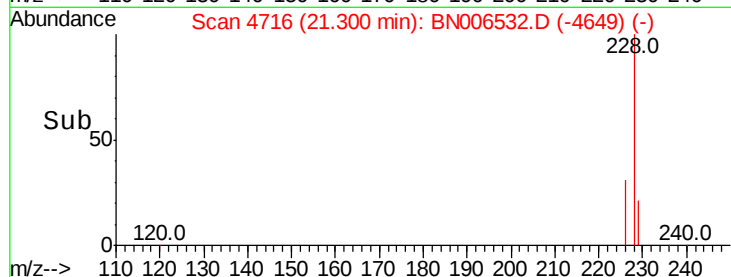
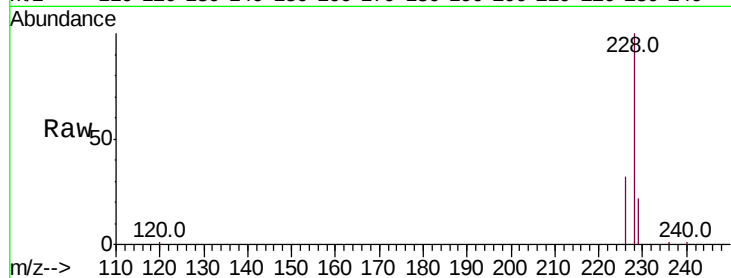
ClientSampleId :

A4207

Tot Ion:	228	Resp:	112983
Ion Ratio	Lower	Upper	
228	100		
226	32.1	25.0	37.6
229	22.3	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 4.550 ng/ul m

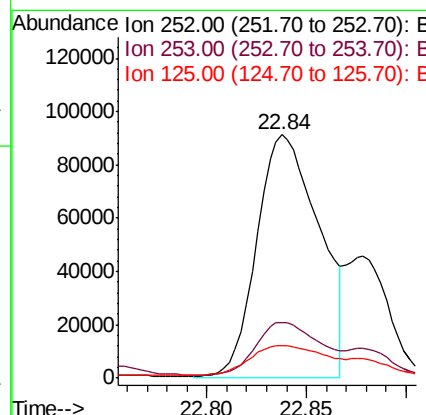
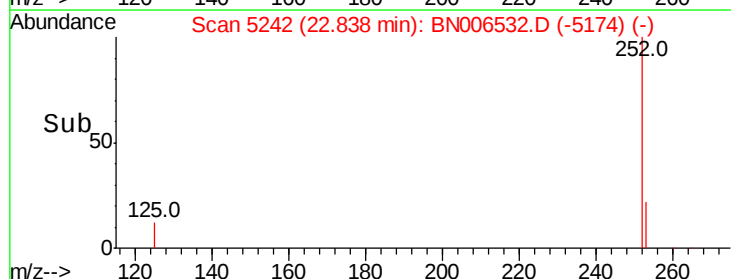
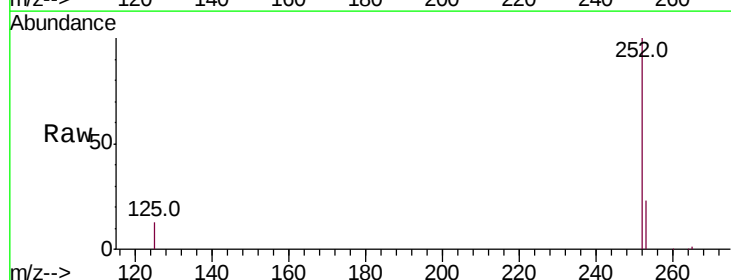
RT: 22.84 min Scan# 5242

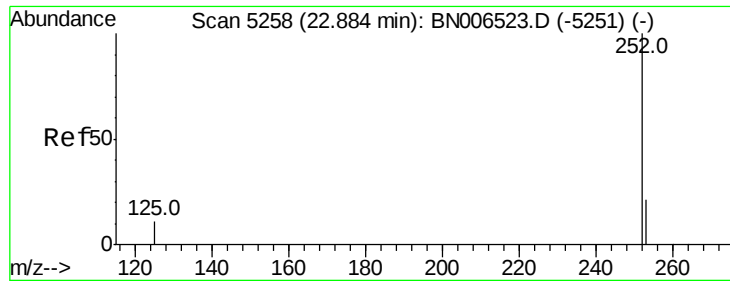
Delta R.T. 0.00 min

Lab File: BN006532.D

Acq: 24 Jun 2019 15:53

Tgt Ion:	252	Resp:	199547
Ion Ratio	Lower	Upper	
252	100		
253	23.0	0.0	51.4
125	13.5	0.0	41.0





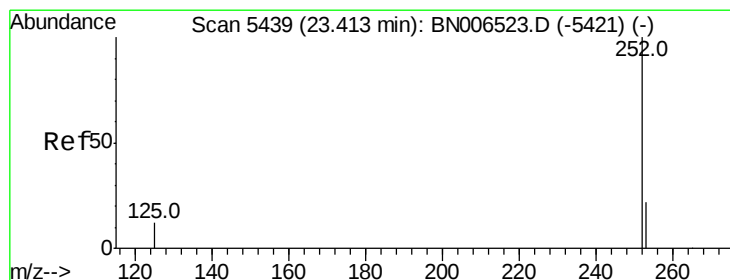
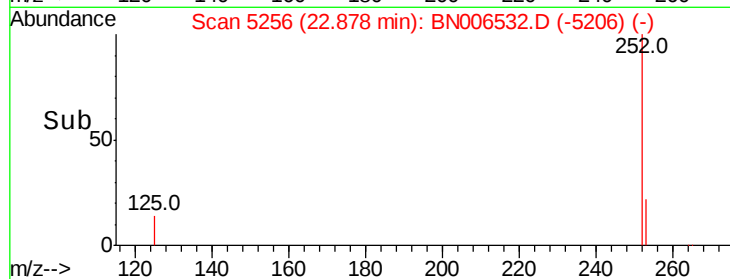
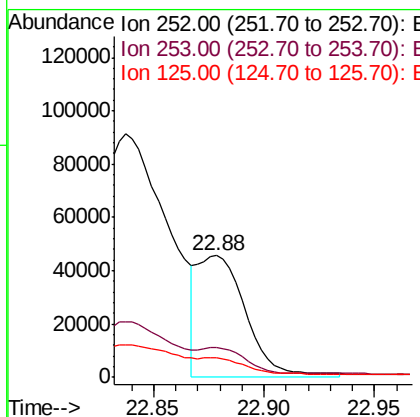
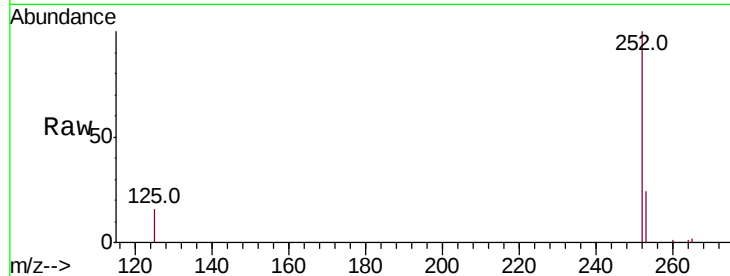
#22
Benzo(k)fluoranthene
Concen: 1.662 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. -0.00 min
Lab File: BN006532.D
Acq: 24 Jun 2019 15:53

Instrument :
BNA_N
ClientSampled :
A4207

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	20.3	30.5
125	15.7	14.3	21.5

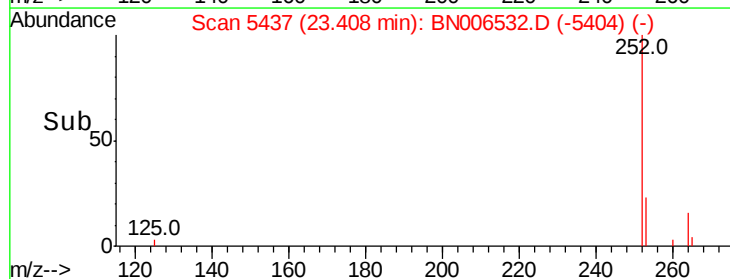
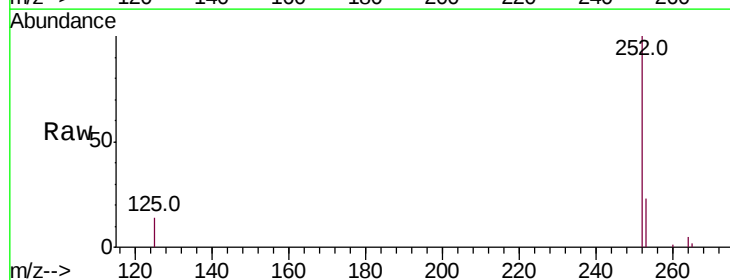
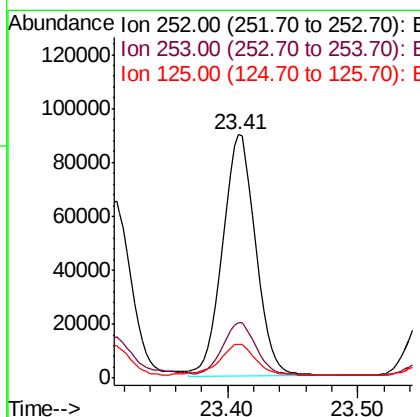
Manual Integrations
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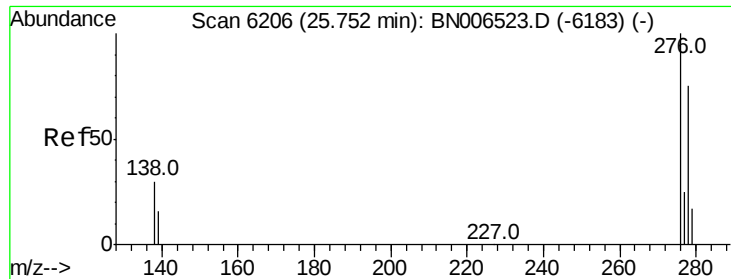
mohammad
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#23
Benzo(a)pyrene
Concen: 3.971 ng/ul m
RT: 23.41 min Scan# 5437
Delta R.T. -0.00 min
Lab File: BN006532.D
Acq: 24 Jun 2019 15:53

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	21.1	31.7
125	14.0	20.3	30.5#





#24

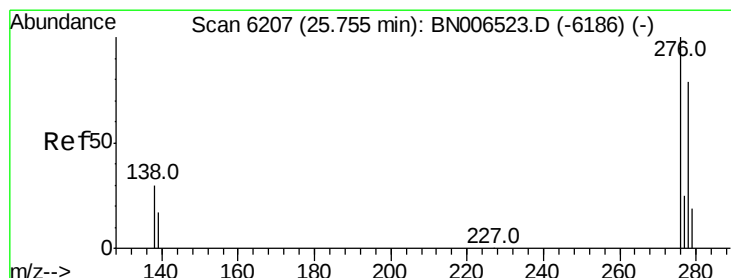
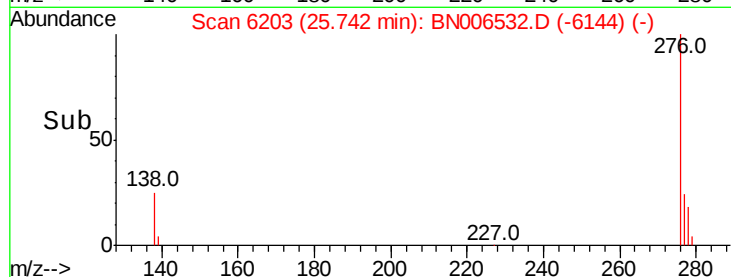
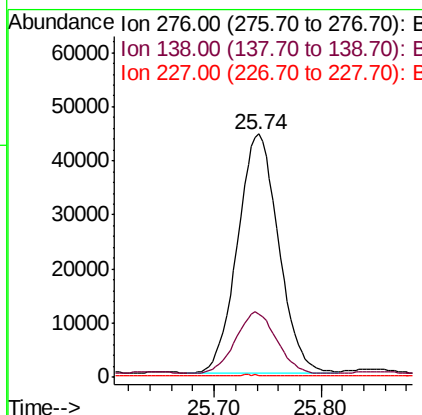
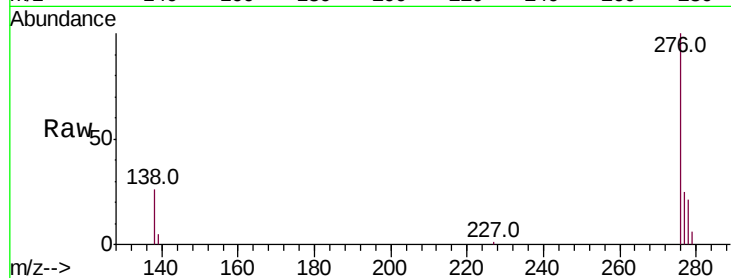
Indeno(1,2,3-cd)pyrene
Concen: 2.668 ng/ul m
RT: 25.74 min Scan# 6203
Delta R.T. -0.00 min
Lab File: BN006532.D
Acq: 24 Jun 2019 15:53

Instrument :
BNA_N
ClientSampleId :
A4207

Tot Ion	Ratio	Lower	Upper
276	100		
138	2.2	25.6	38.4#
227	0.0	0.3	0.5#

Manual Integrations
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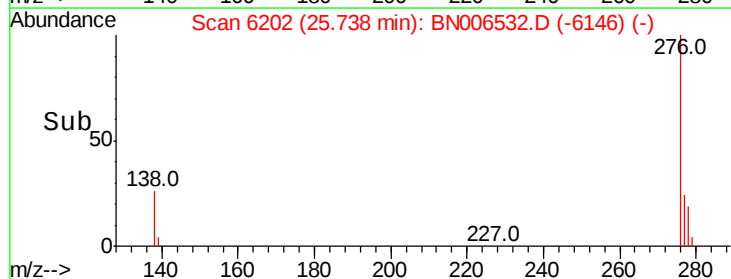
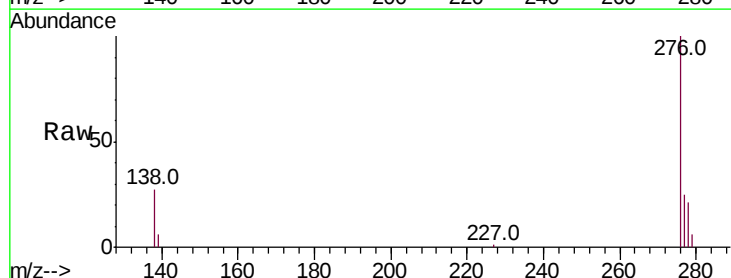
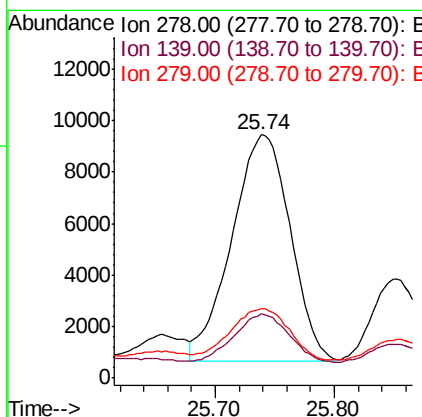
mohammad
6/25/2019 6:17:09 PM

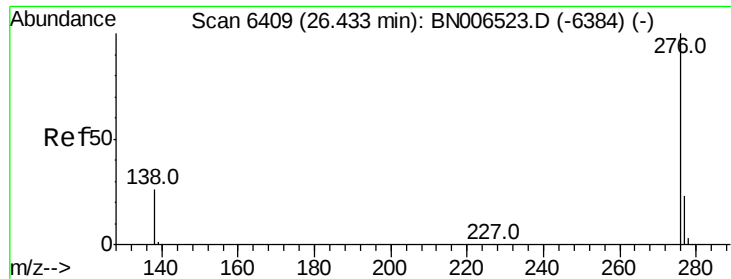


#25

Dibenzo(a,h)anthracene
Concen: 0.850 ng/ul m
RT: 25.74 min Scan# 6202
Delta R.T. -0.01 min
Lab File: BN006532.D
Acq: 24 Jun 2019 15:53

Tgt Ion	Ratio	Lower	Upper
278	100		
139	26.4	21.2	31.8
279	28.8	22.6	33.8





#26
Benzo(a,h,i)perylene
Concen: 3.120 ng/ul m
RT: 26.43 min Scan# 6407
Delta R.T. -0.00 min
Lab File: BN006532.D
Acq: 24 Jun 2019 15:53

Instrument :
BNA_N
ClientSampleId :
A4207

Tot Ion	Ratio	Resp Lower	Upper
276	100		
138	27.5	24.2	36.4
277	24.4	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/25/2019 6:17:09 PM

