

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006552.D
 Acq On : 25 Jun 2019 03:32
 Operator : HP/JU
 Sample : K3388-07
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A4218

Manual Integrations
 APPROVED

mohammad
 6/25/2019 10:21:09 PM

Quant Time: Jun 25 07:25:42 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 : Tue Jun 25 01:51:13 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4982	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	17639	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	7993	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	14808m	0.40	ng/ul	0.00
16) Chrysene-d12	21.25	240	10172m	0.40	ng/ul	-0.01
20) Perylene-d12	23.48	264	10959m	0.40	ng/ul	-0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3782	0.14	ng/ul	0.00
14) Fluoranthene-d10	19.08	212	7230m	0.18	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	2905	0.060	ng/ul#	91
5) 2-Methylnaphthalene	12.09	142	890	0.026	ng/ul	98
7) Acenaphthylene	14.00	152	3630	0.082	ng/ul#	95
8) Acenaphthene	14.34	153	7986	0.259	ng/ul	99
9) Fluorene	15.34	166	14944	0.414	ng/ul	98
12) Phenanthrene	17.08	178	415768m	8.747	ng/ul	
13) Anthracene	17.17	178	103533m	2.281	ng/ul	
15) Fluoranthene	19.11	202	936619m	17.844	ng/ul	
17) Pyrene	19.48	202	733575	13.691	ng/ul	97
18) Benzo(a)anthracene	21.24	228	414681m	9.217	ng/ul	
19) Chrysene	21.29	228	435775	10.318	ng/ul	99
21) Benzo(b)fluoranthene	22.81	252	582962m	12.757	ng/ul	
22) Benzo(k)fluoranthene	22.85	252	218466m	4.908	ng/ul	
23) Benzo(a)pyrene	23.38	252	394124	9.261	ng/ul#	84
24) Indeno(1,2,3-cd)pyrene	25.71	276	284770	6.182	ng/ul#	89
25) Dibenzo(a,h)anthracene	25.71	278	70306	1.909	ng/ul	94
26) Benzo(a,h,i)perylene	26.40	276	261240	6.771	ng/ul	93

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

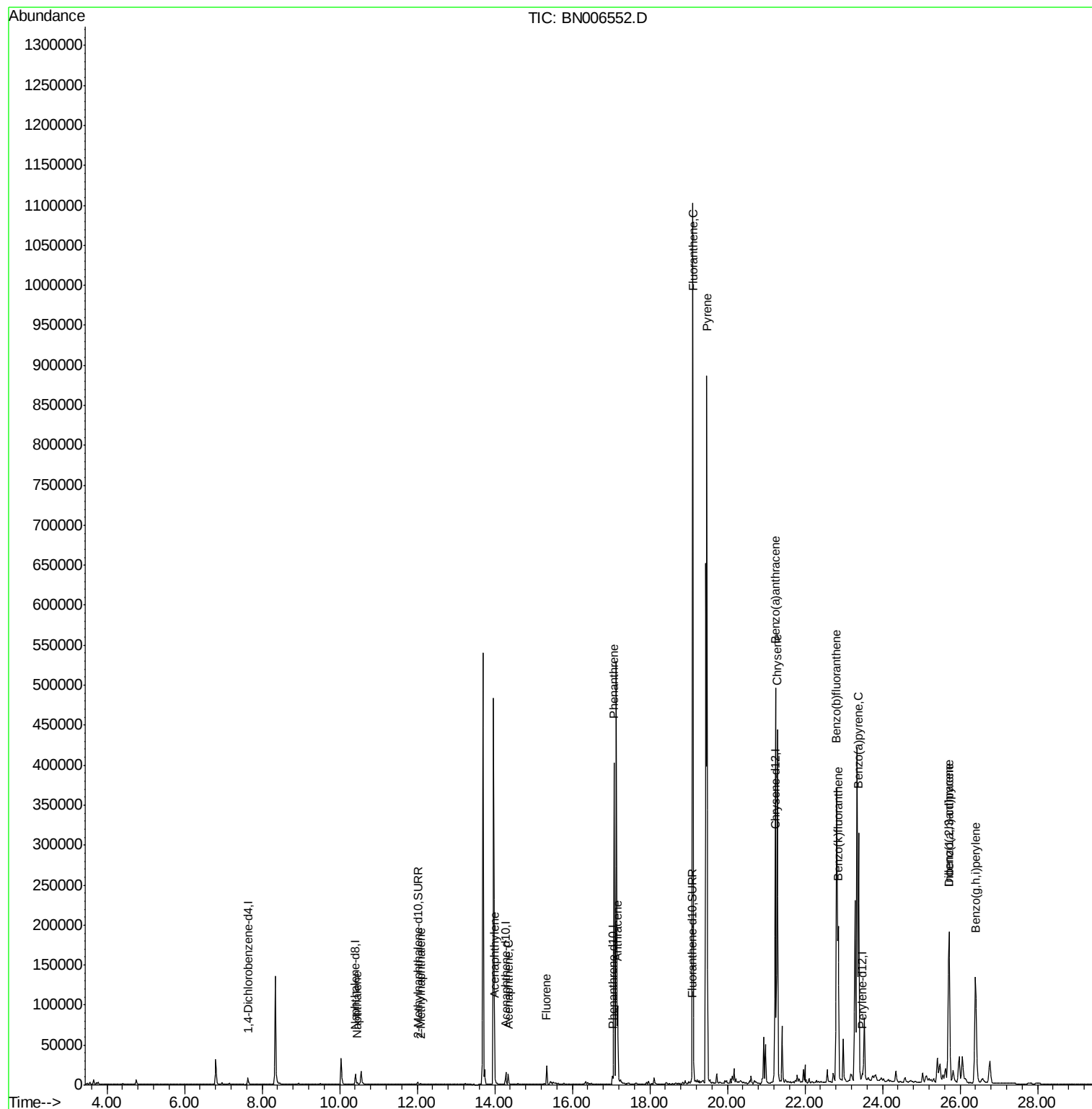
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
Data File : BN006552.D
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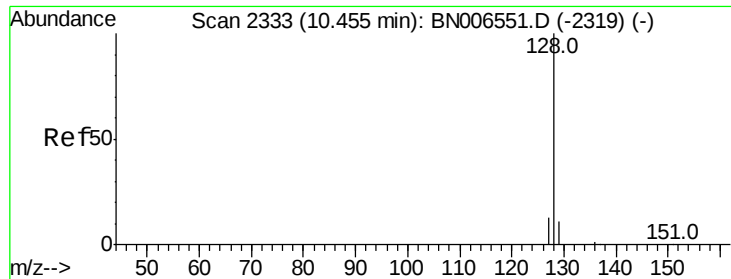
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A4218

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 0.060 ng/u1

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

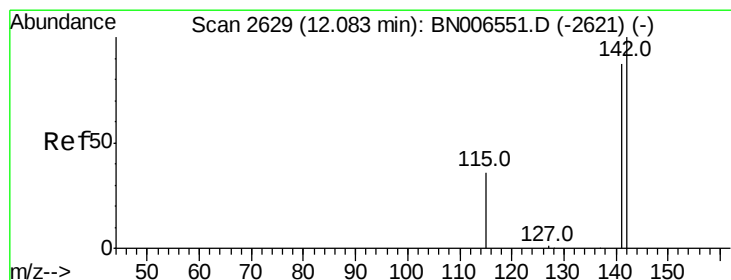
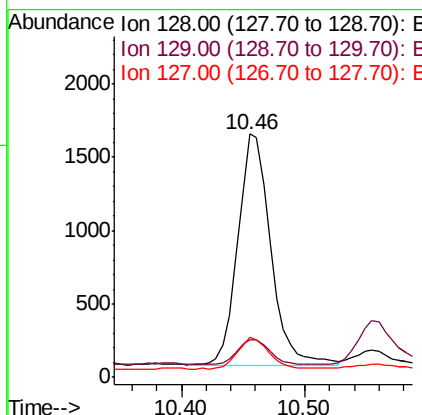
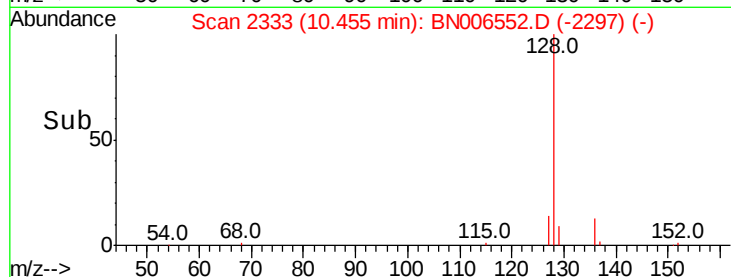
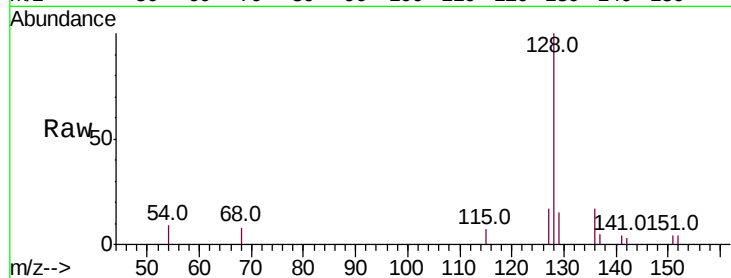
ClientSampleId :

A4218

Tot Ion:	128	Resp:	2905
Ion Ratio	Lower	Upper	
128	100		
129	15.2	9.3	13.9#
127	16.5	10.7	16.1#

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#5

2-Methylnaphthalene

Concen: 0.026 ng/u1

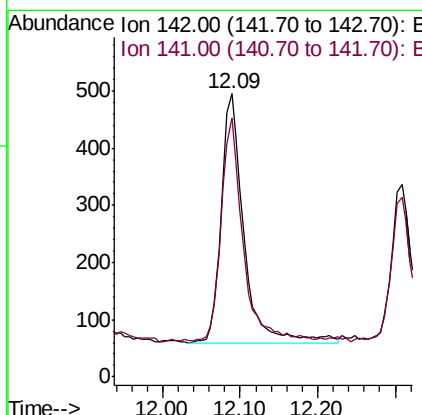
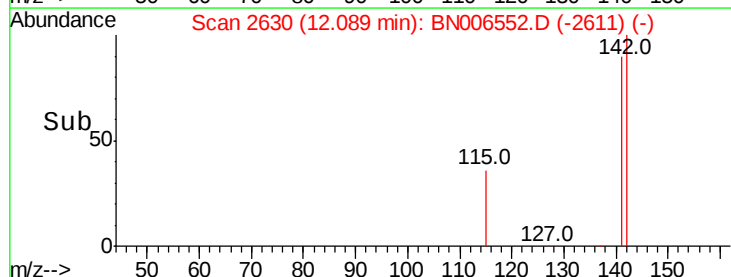
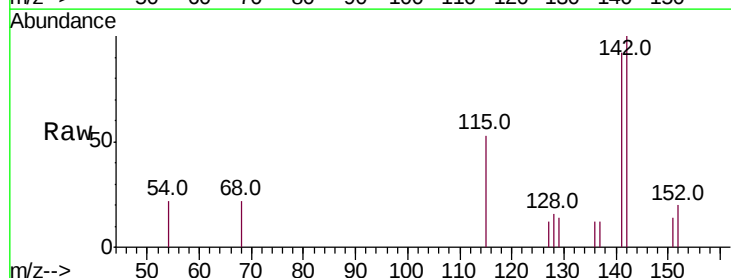
RT: 12.09 min Scan# 2630

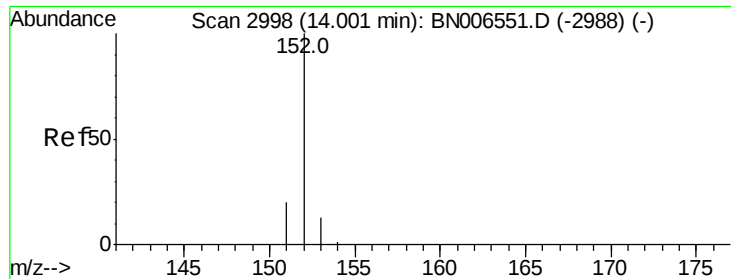
Delta R.T. 0.01 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Tgt Ion:	142	Resp:	890
Ion Ratio	Lower	Upper	
142	100		
141	86.4	70.3	105.5





#7

Acenaphthylene

Concen: 0.082 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

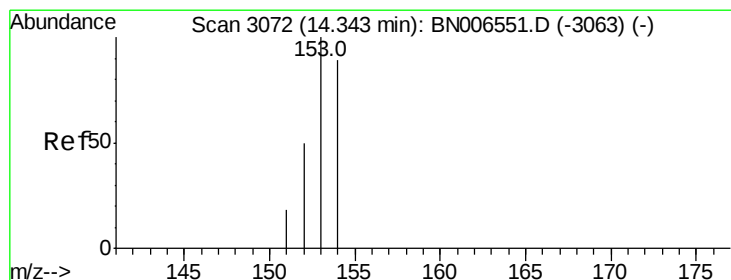
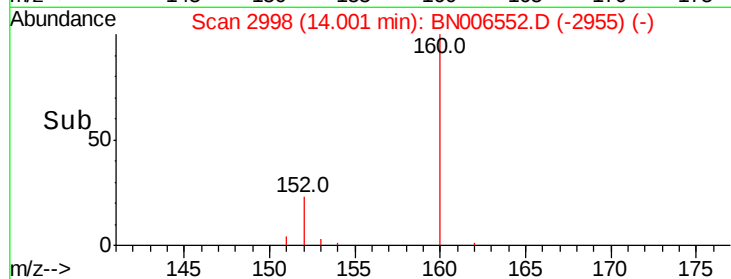
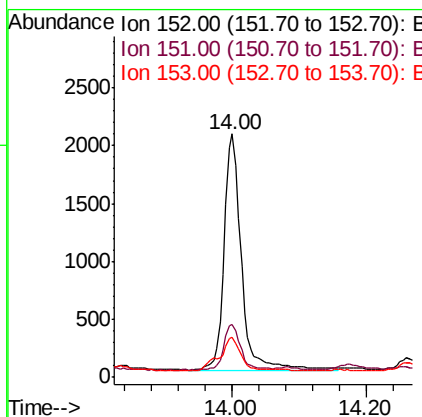
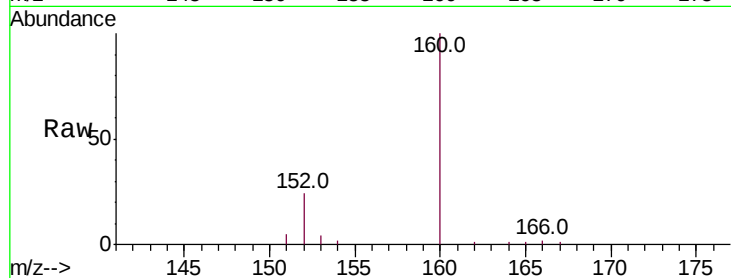
ClientSampled :

A4218

Tot Ion:	152	Resp:	3630
Ion Ratio	Lower	Upper	
152	100		
151	21.5	15.8	23.8
153	16.4	10.8	16.2

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#8

Acenaphthene

Concen: 0.259 ng/ul

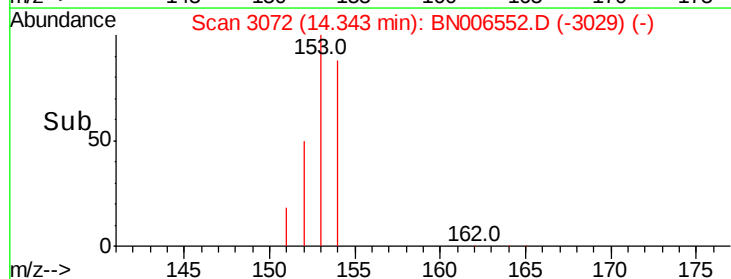
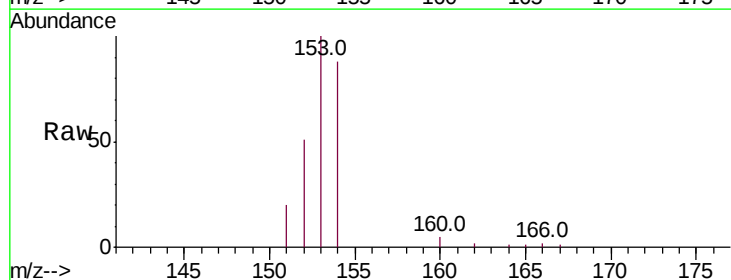
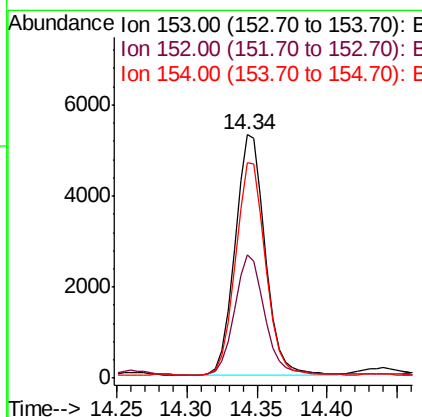
RT: 14.34 min Scan# 3072

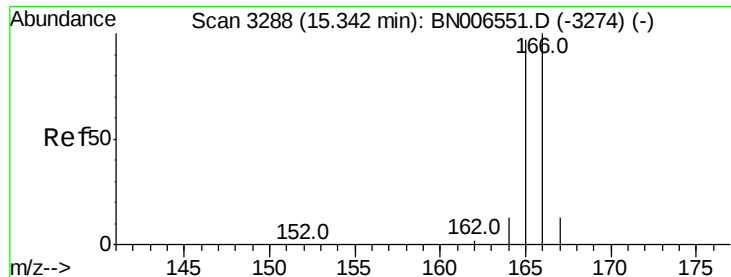
Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Tgt Ion:	153	Resp:	7986
Ion Ratio	Lower	Upper	
153	100		
152	50.5	39.1	58.7
154	88.5	71.1	106.7





#9

Fluorene

Concen: 0.414 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

ClientSampled :

A4218

Tot Ion:166 Resp: 14944

Ion Ratio Lower Upper

166 100

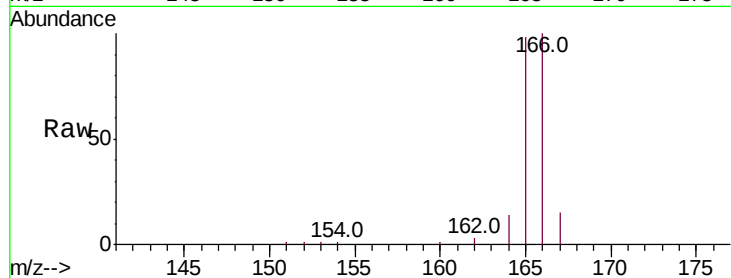
165 97.8 76.4 114.6

167 14.6 11.0 16.6

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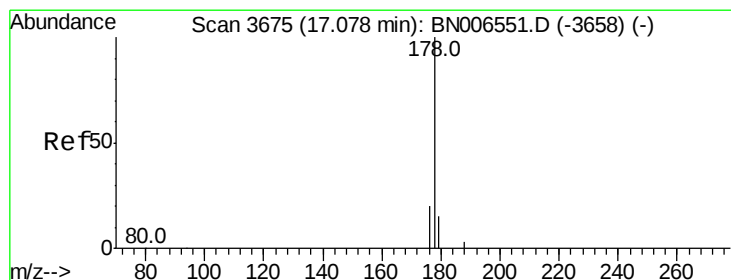
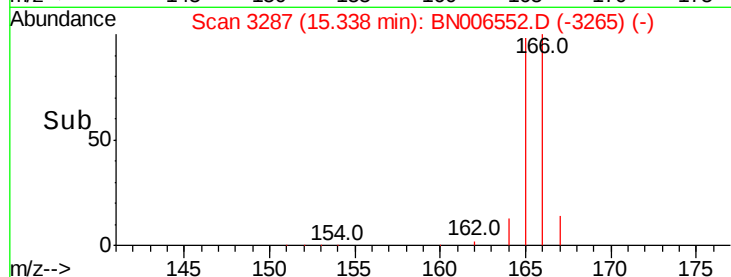
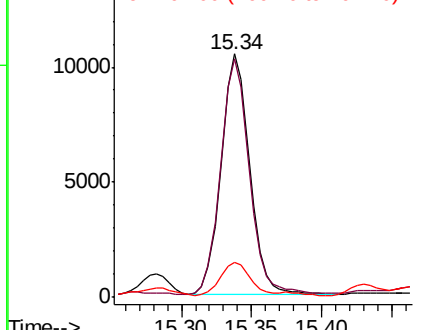
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Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#12

Phenanthrene

Concen: 8.747 ng/ul m

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

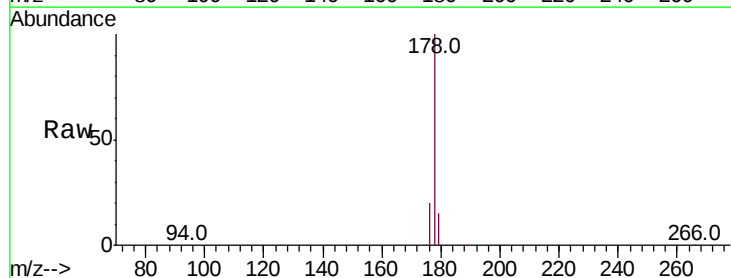
Tgt Ion:178 Resp: 415768

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

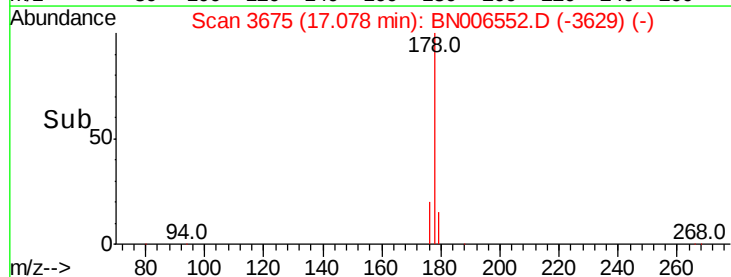
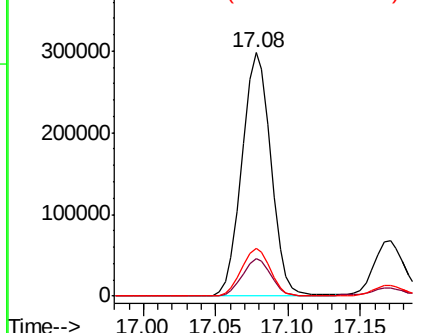
176 19.5 15.3 22.9

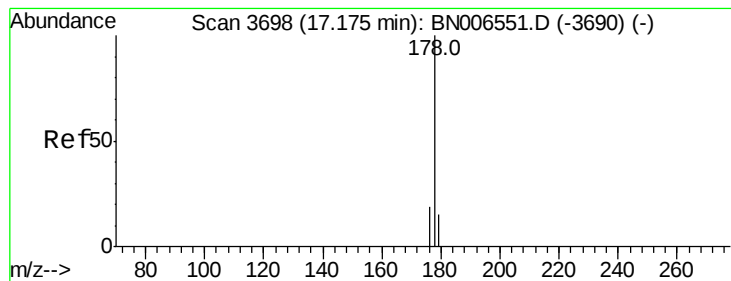


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#13

Anthracene

Concen: 2.281 ng/ul m

RT: 17.17 min Scan# 3697

Delta R.T. -0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

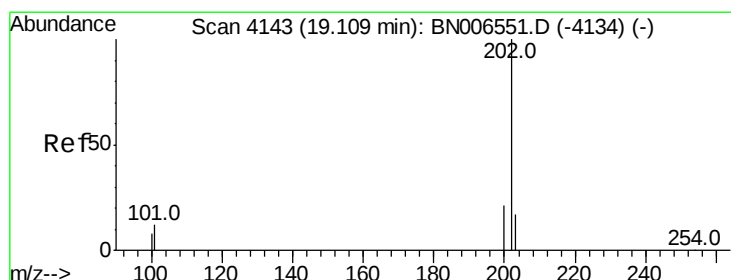
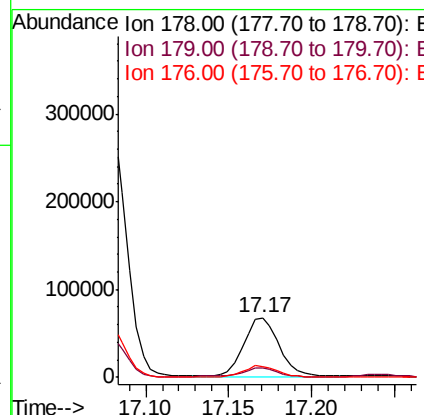
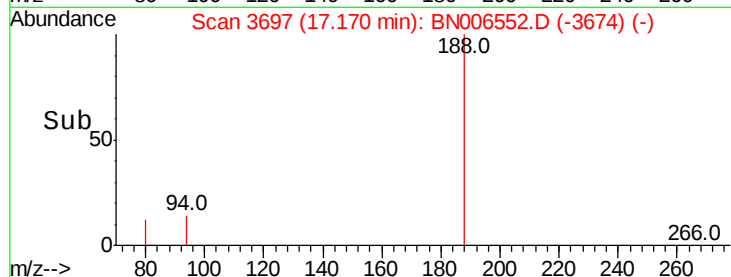
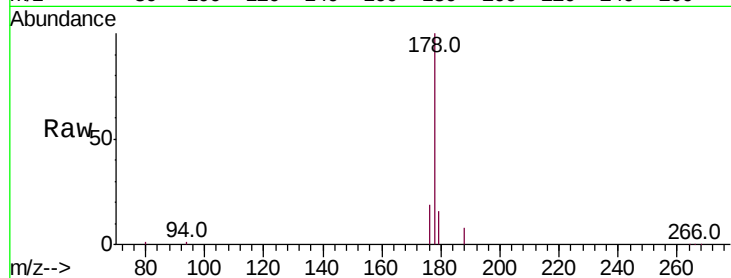
ClientSampleId :

A4218

Tot Ion:	178	Resp:	103533
Ion Ratio	Lower	Upper	
178	100		
179	15.6	12.2	18.4
176	18.8	15.1	22.7

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#15

Fluoranthene

Concen: 17.844 ng/ul m

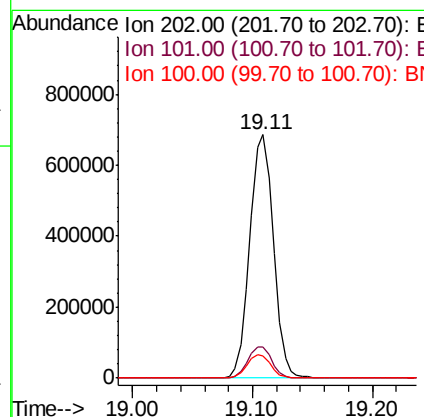
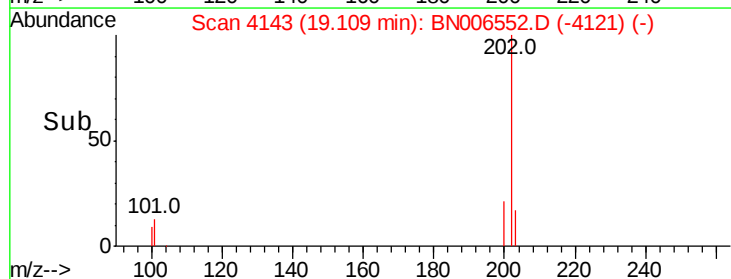
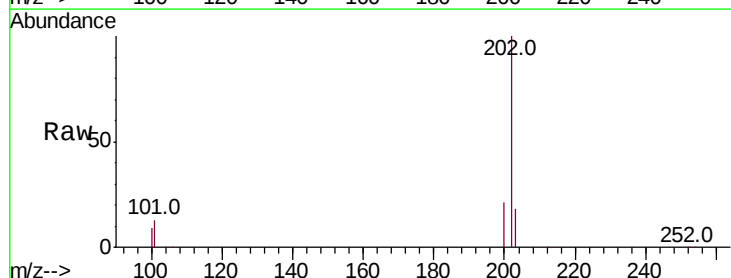
RT: 19.11 min Scan# 4143

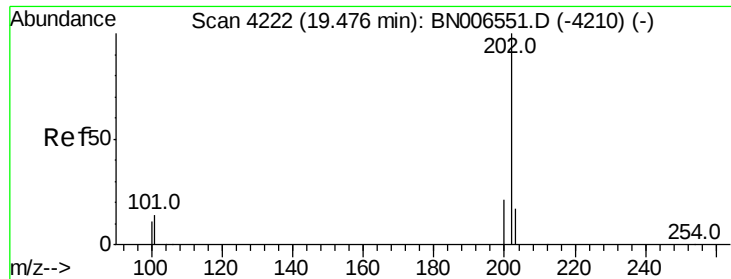
Delta R.T. 0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Tgt Ion:	202	Resp:	936619
Ion Ratio	Lower	Upper	
202	100		
101	12.8	0.0	32.1
100	9.2	0.0	28.7





#17

Pvrene

Concen: 13.691 ng/ul

RT: 19.48 min Scan# 4222

Delta R.T. -0.00 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

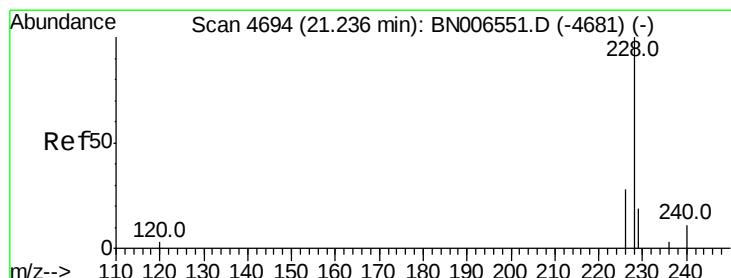
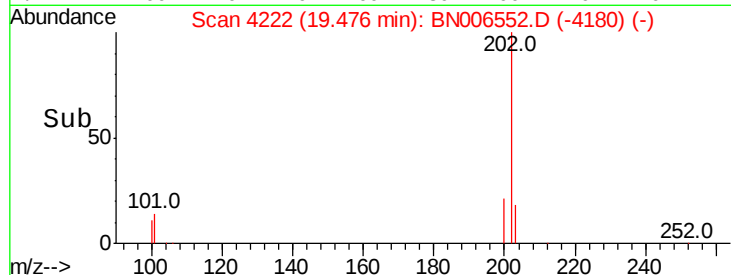
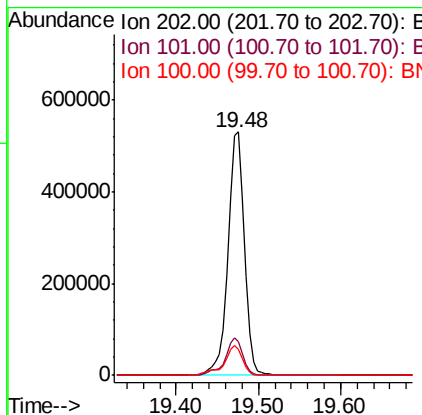
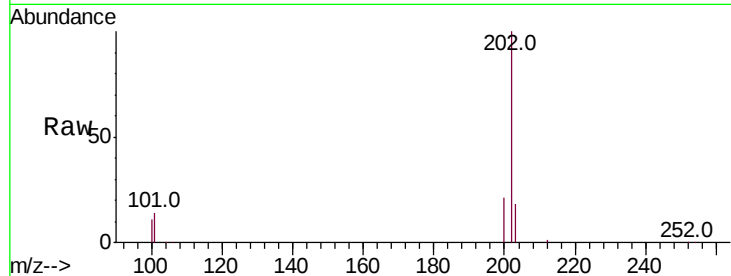
ClientSampleId :

A4218

Tot Ion:	202	Resp:	733575
Ion Ratio	Lower	Upper	
202	100		
101	14.0	12.2	18.2
100	10.6	9.8	14.6

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#18

Benzo(a)anthracene

Concen: 9.217 ng/ul m

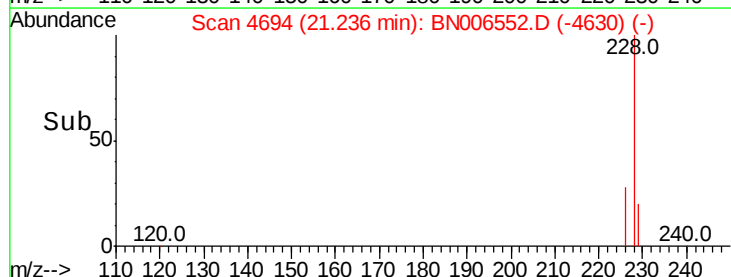
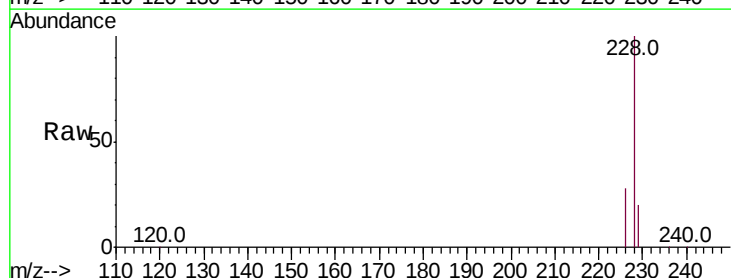
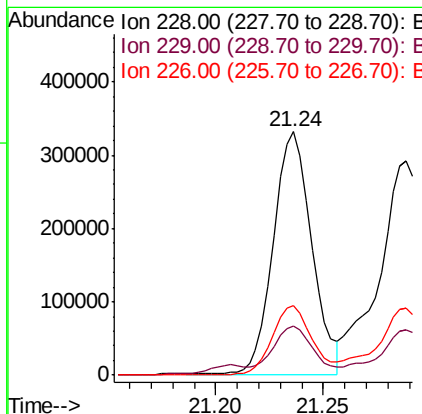
RT: 21.24 min Scan# 4694

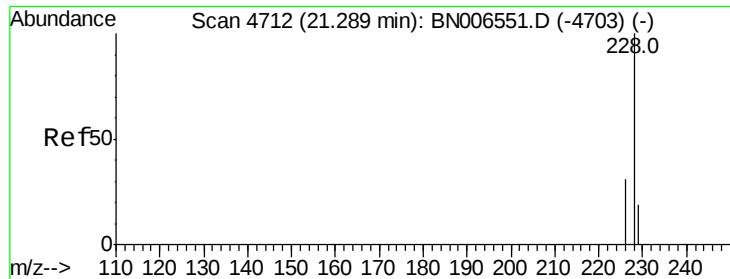
Delta R.T. -0.01 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Tgt Ion:	228	Resp:	414681
Ion Ratio	Lower	Upper	
228	100		
229	20.2	16.5	24.7
226	28.4	22.8	34.2





#19

Chrysene

Concen: 10.318 ng/ul

RT: 21.29 min Scan# 4712

Delta R.T. -0.01 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Instrument :

BNA_N

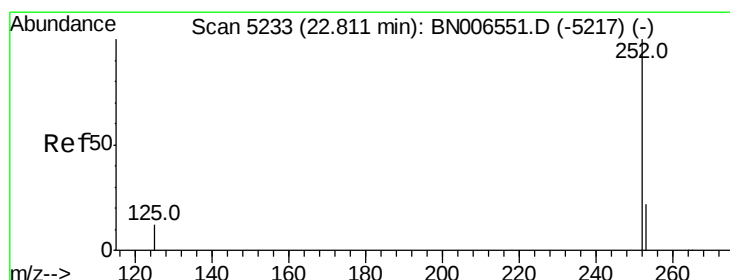
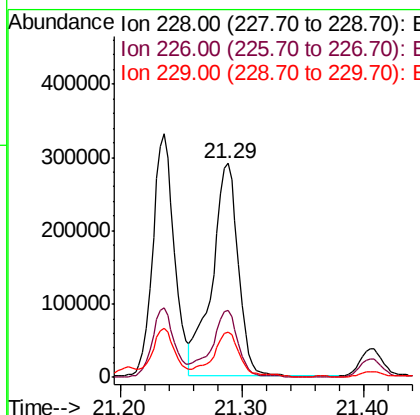
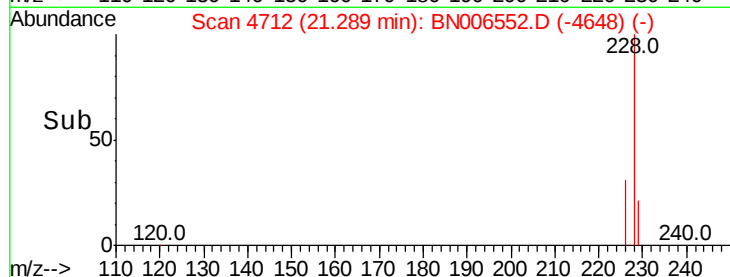
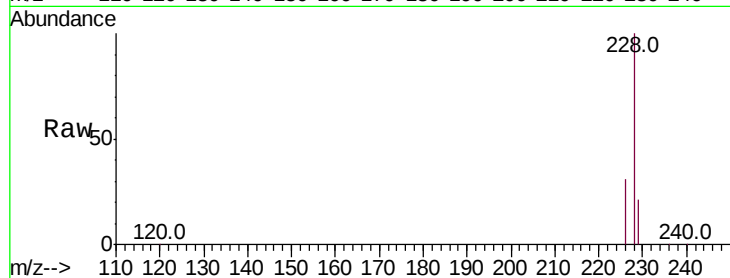
ClientSampled :

A4218

Tot Ion:228	Resp:	435775
Ion Ratio	Lower	Upper
228 100		
226 31.1	25.0	37.6
229 20.9	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 12.757 ng/ul m

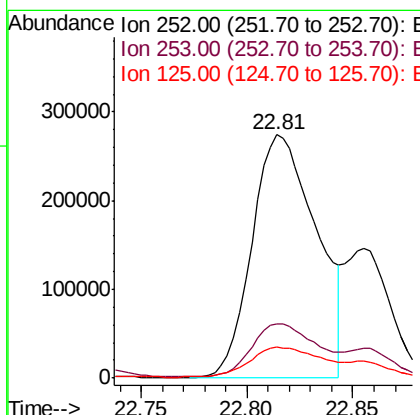
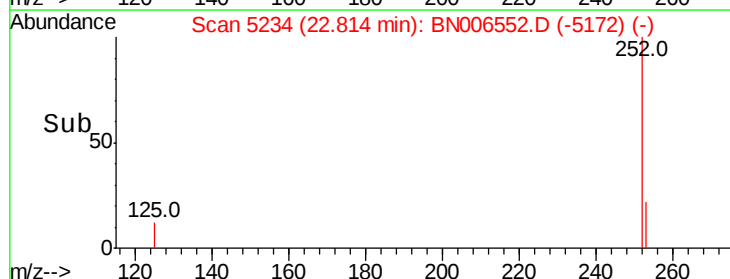
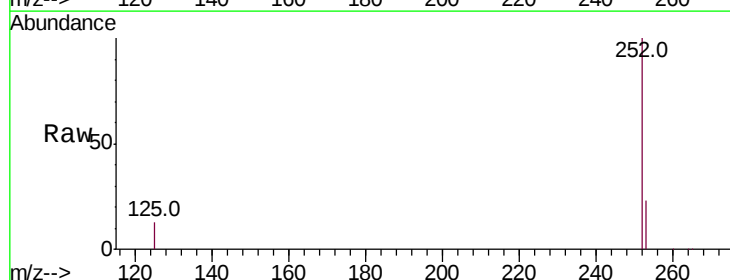
RT: 22.81 min Scan# 5234

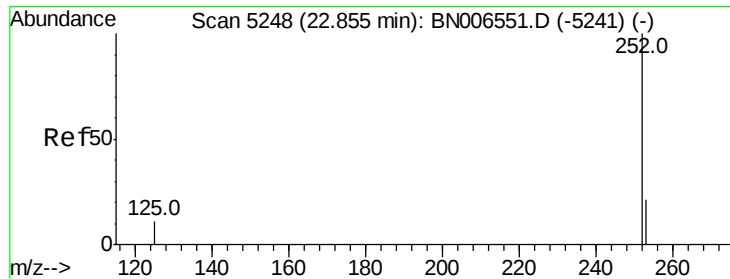
Delta R.T. -0.02 min

Lab File: BN006552.D

Acq: 25 Jun 2019 03:32

Tgt Ion:252	Resp:	582962
Ion Ratio	Lower	Upper
252 100		
253 22.5	0.0	51.4
125 12.6	0.0	41.0





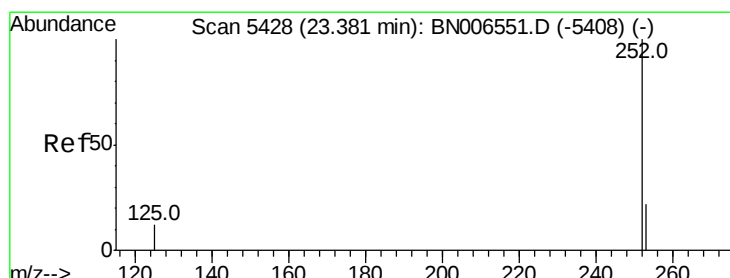
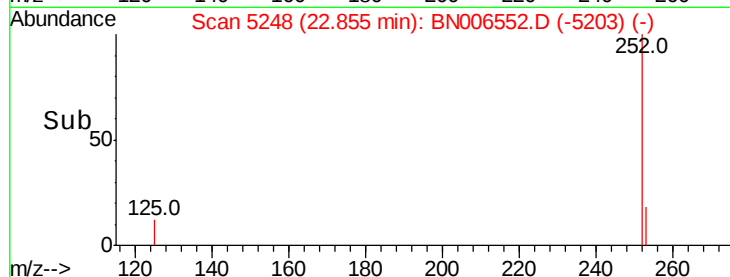
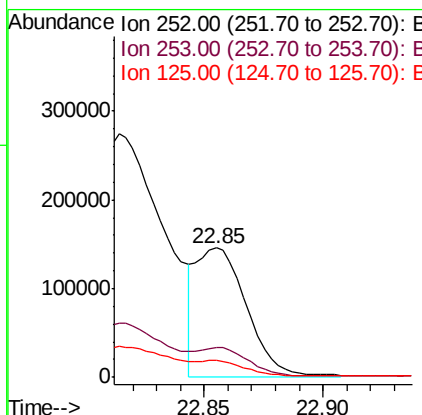
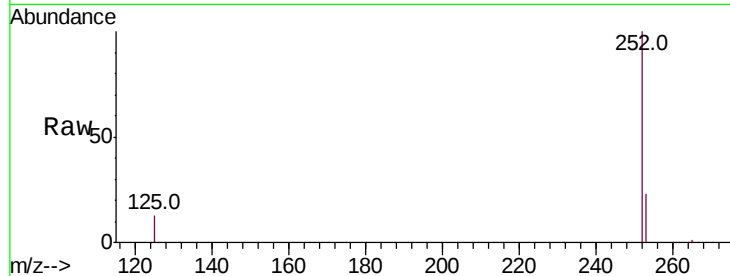
#22
Benzo(k)fluoranthene
Concen: 4.908 ng/ul m
RT: 22.85 min Scan# 5248
Delta R.T. -0.02 min
Lab File: BN006552.D
Acq: 25 Jun 2019 03:32

Instrument :
BNA_N
ClientSampled :
A4218

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.9	20.3	30.5
125	12.9	14.3	21.5#

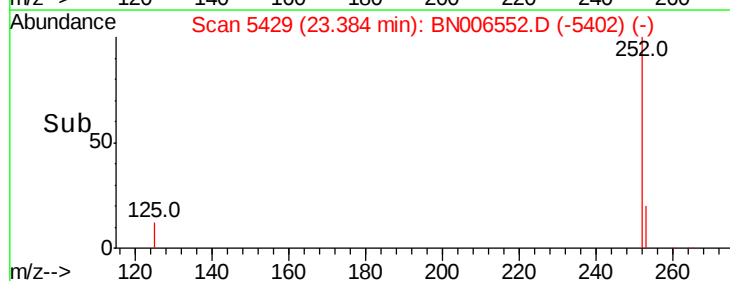
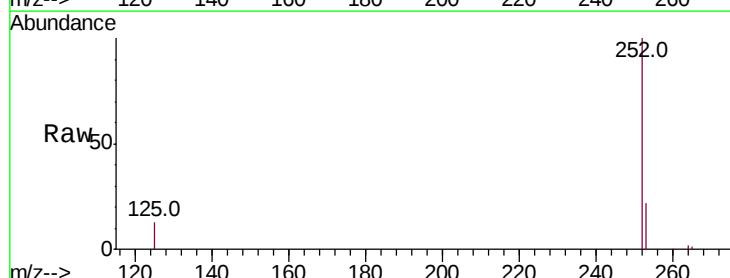
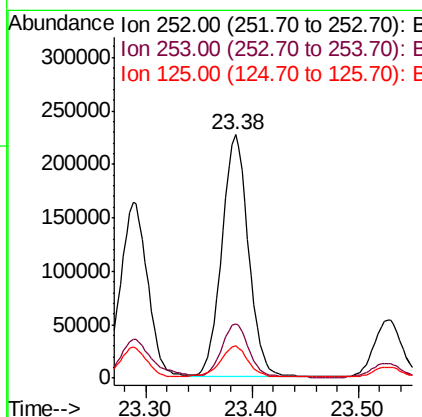
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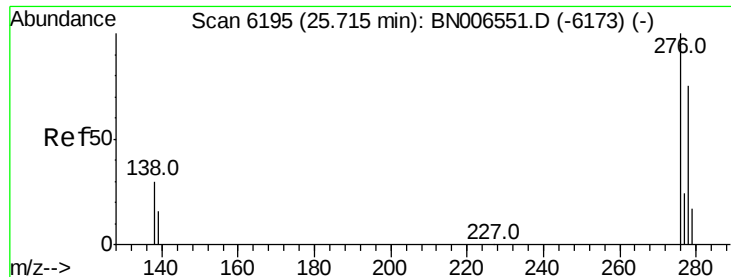
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#23
Benzo(a)pyrene
Concen: 9.261 ng/ul
RT: 23.38 min Scan# 5429
Delta R.T. -0.02 min
Lab File: BN006552.D
Acq: 25 Jun 2019 03:32

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.5	21.1	31.7
125	13.2	20.3	30.5#





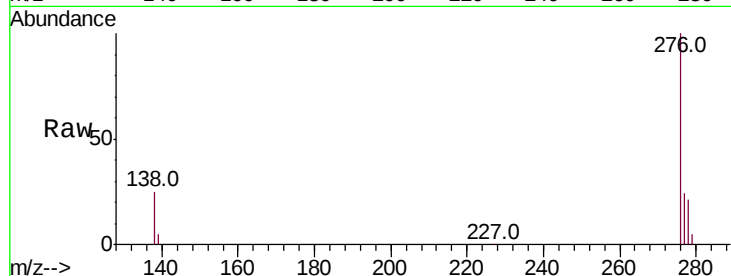
#24
 Indeno(1,2,3-cd)pyrene
 Concen: 6.182 ng/ul
 RT: 25.71 min Scan# 6195
 Delta R.T. -0.02 min
 Lab File: BN006552.D
 Acq: 25 Jun 2019 03:32

Instrument :
 BNA_N
 ClientSampled :
 A4218

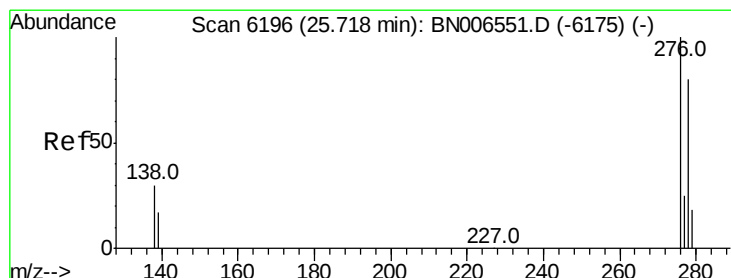
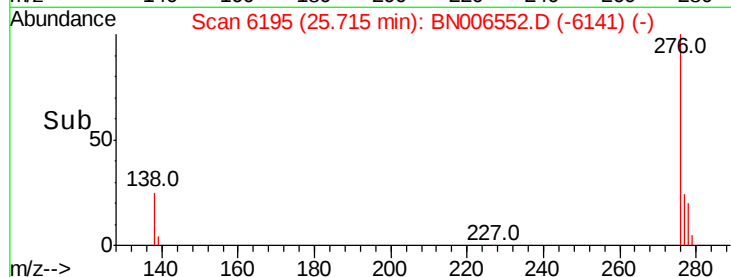
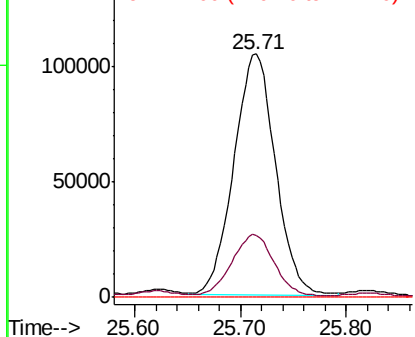
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.7	25.6	38.4
227	0.2	0.3	0.5

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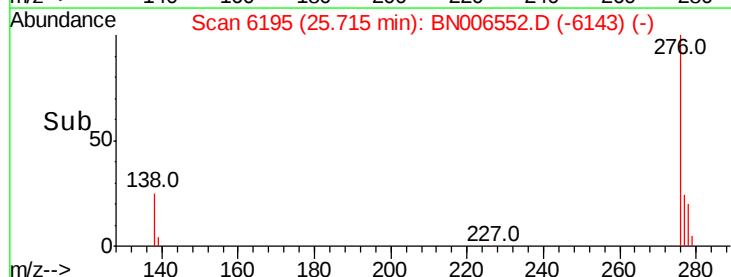
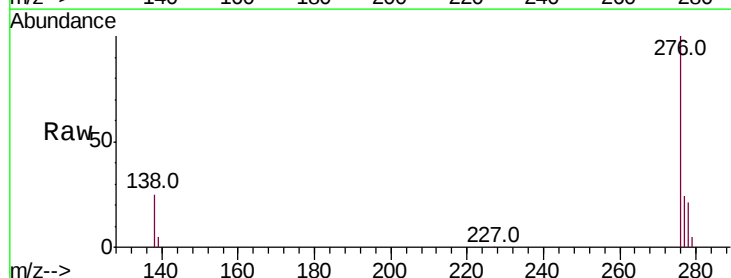
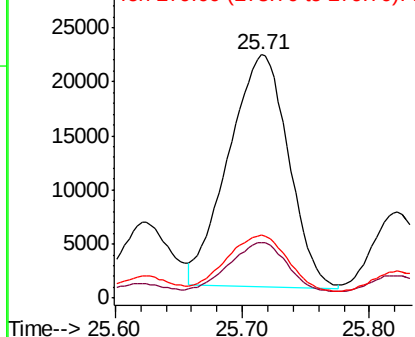
Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 227.00 (226.70 to 227.70): E

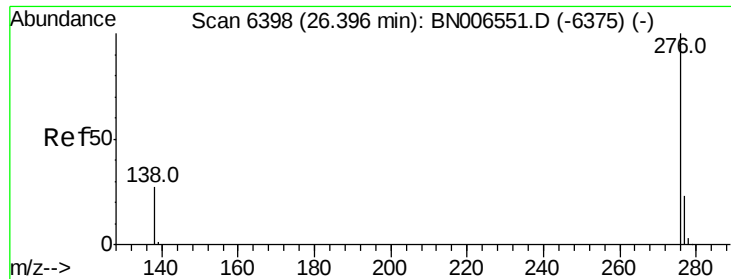


#25
 Dibenzo(a,h)anthracene
 Concen: 1.909 ng/ul
 RT: 25.71 min Scan# 6195
 Delta R.T. -0.03 min
 Lab File: BN006552.D
 Acq: 25 Jun 2019 03:32

Tgt Ion	Ratio	Lower	Upper
278	100		
139	22.7	21.2	31.8
279	25.8	22.6	33.8

Abundance Ion 278.00 (277.70 to 278.70): E
 Ion 139.00 (138.70 to 139.70): E
 Ion 279.00 (278.70 to 279.70): E





#26
 Benzo(a,h,i)perylene
 Concen: 6.771 ng/ul
 RT: 26.40 min Scan# 6399
 Delta R.T. -0.02 min
 Lab File: BN006552.D
 Acq: 25 Jun 2019 03:32

Instrument :
 BNA_N
 ClientSampleId :
 A4218

Tot Ion	Ratio	Lower	Upper
276	100		
138	26.2	24.2	36.4
277	24.0	21.5	32.3

Manual Integrations
 APPROVED

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