

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
 Data File : BN006562.D
 Acq On : 25 Jun 2019 09:17
 Operator : HP/JU
 Sample : K3360-07DL 10X
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41Y7DL

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Quant Time: Jun 25 11:52:31 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 07:15:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	5401	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	19792	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	9366	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.04	188	16466	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	9989	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	12488	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	649	0.02	ng/ul	0.01
14) Fluoranthene-d10	19.08	212	1004	0.02	ng/ul	0.00
Target Compounds				Ovalue		
7) Acenaphthylene	14.00	152	1537	0.030	ng/ul#	87
8) Acenaphthene	14.34	153	1136	0.031	ng/ul	97
9) Fluorene	15.34	166	2228	0.053	ng/ul#	97
12) Phenanthrene	17.08	178	41464	0.784	ng/ul	99
13) Anthracene	17.17	178	7677	0.152	ng/ul	96
15) Fluoranthene	19.11	202	47649	0.816	ng/ul	98
17) Pyrene	19.47	202	40994	0.779	ng/ul	99
18) Benzo(a)anthracene	21.24	228	17108	0.387	ng/ul	99
19) Chrysene	21.29	228	15216	0.367	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	16645m	0.320	ng/ul	
22) Benzo(k)fluoranthene	22.86	252	7195m	0.142	ng/ul	
23) Benzo(a)pyrene	23.39	252	12306	0.254	ng/ul#	94
24) Indeno(1,2,3-cd)pyrene	25.73	276	6988	0.133	ng/ul#	88
25) Dibenzo(a,h)anthracene	25.73	278	1989	0.047	ng/ul#	63
26) Benzo(g,h,i)perylene	26.41	276	5133	0.117	ng/ul	94

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

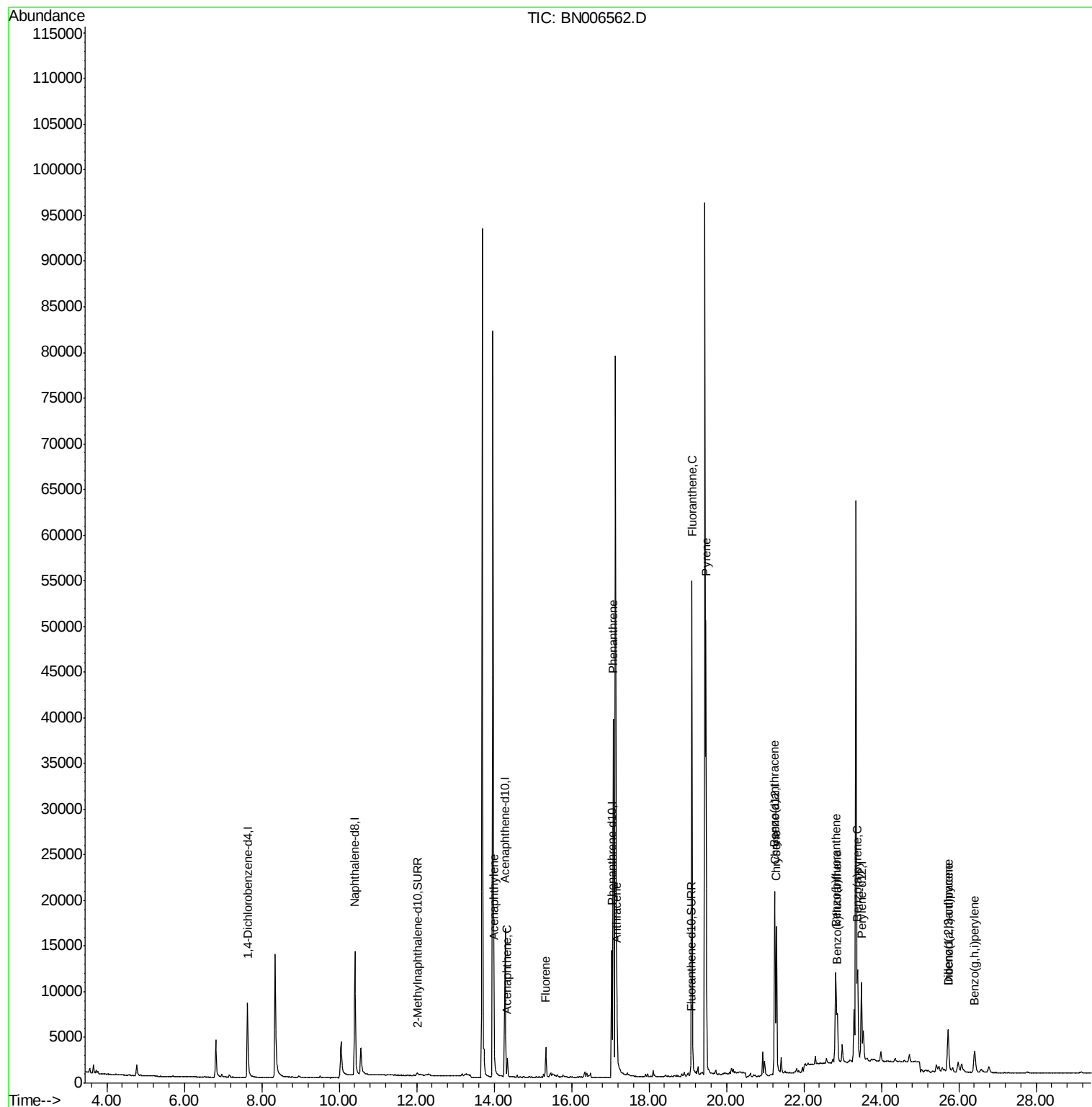
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN062419\
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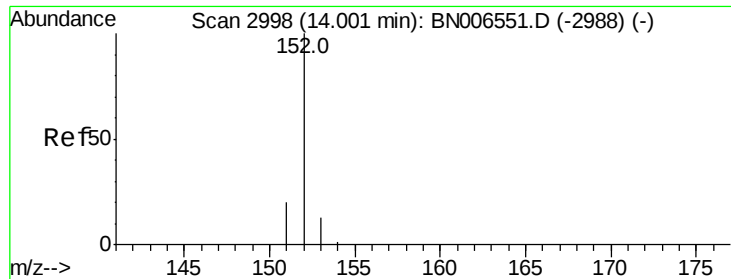
Instrument :
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Quant Time: Jun 25 11:52:31 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Tue Jun 25 07:15:41 2019
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#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 14.00 min Scan# 2998

Delta R.T. -0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Instrument :

BNA_N

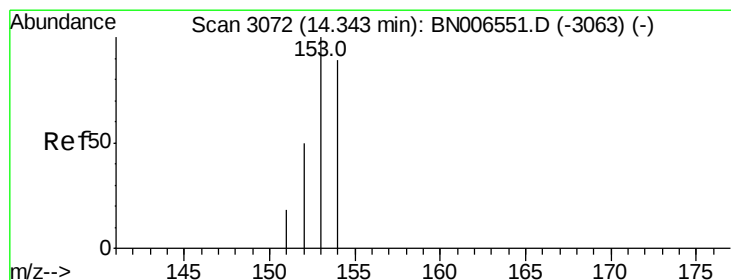
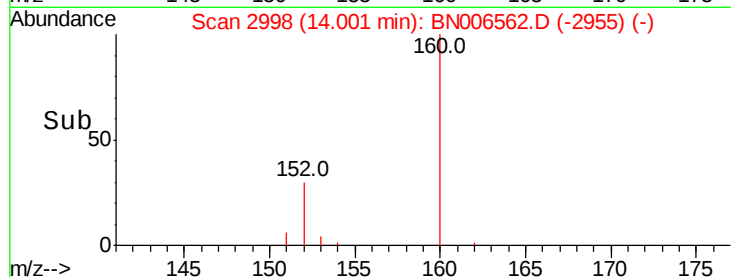
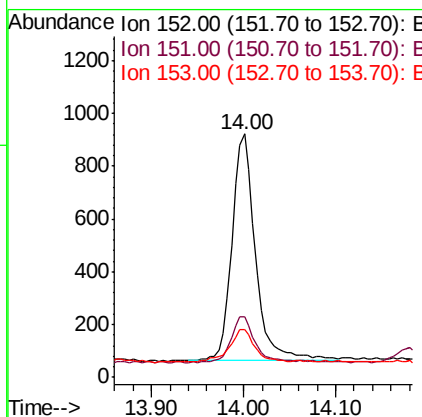
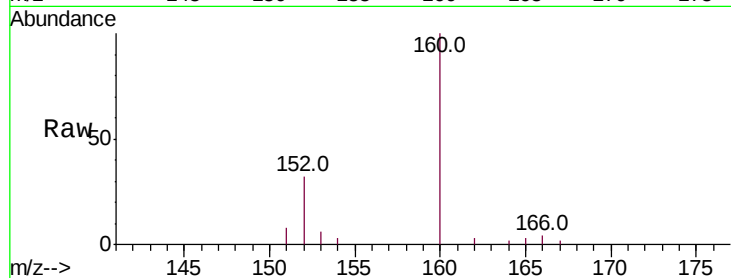
ClientSampleId :

A41Y7DL

Tot Ion:	152	Resp:	1537
Ion Ratio	Lower	Upper	
152	100		
151	24.7	15.8	23.8#
153	19.7	10.8	16.2#

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#8

Acenaphthene

Concen: 0.031 ng/ul

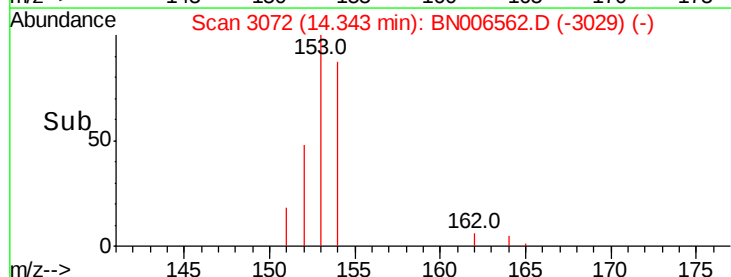
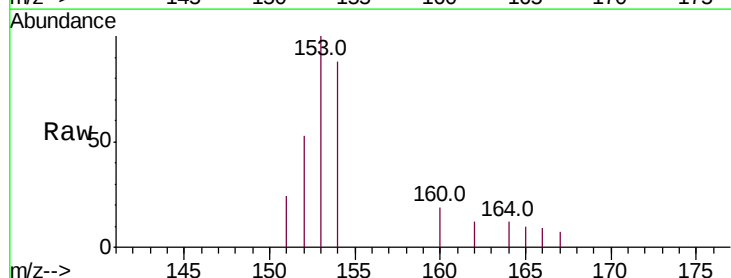
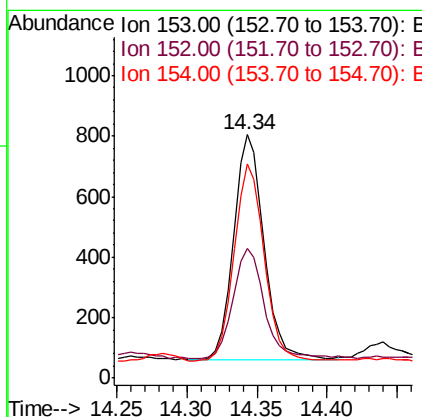
RT: 14.34 min Scan# 3072

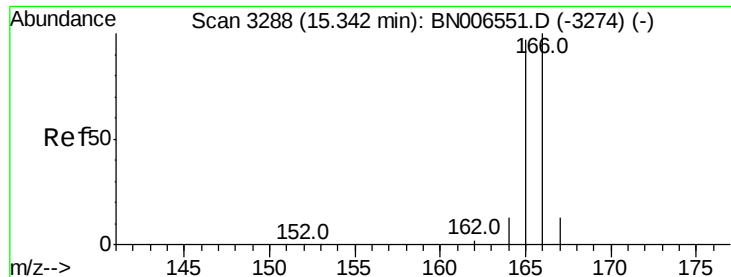
Delta R.T. -0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Tgt Ion:	153	Resp:	1136
Ion Ratio	Lower	Upper	
153	100		
152	53.0	39.1	58.7
154	87.8	71.1	106.7





#9

Fluorene

Concen: 0.053 ng/ul

RT: 15.34 min Scan# 3287

Delta R.T. -0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Instrument :

BNA_N

ClientSampleId :

A41Y7DL

Tot Ion:166 Resp: 2228

Ion Ratio Lower Upper

166 100

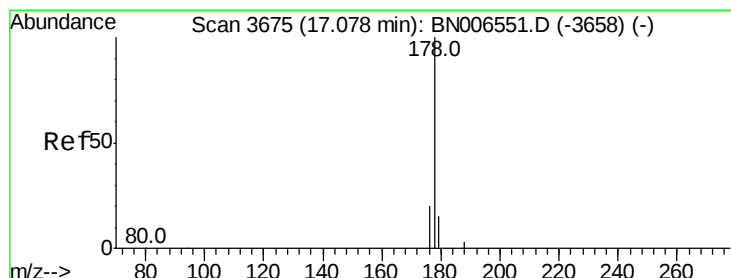
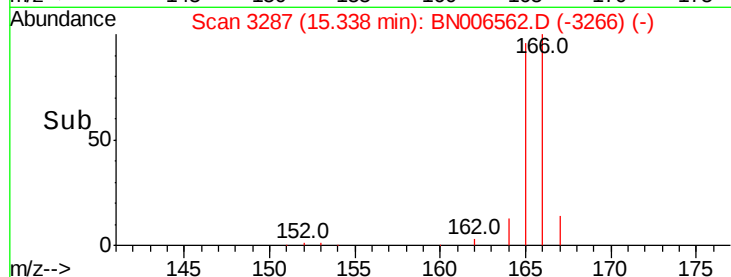
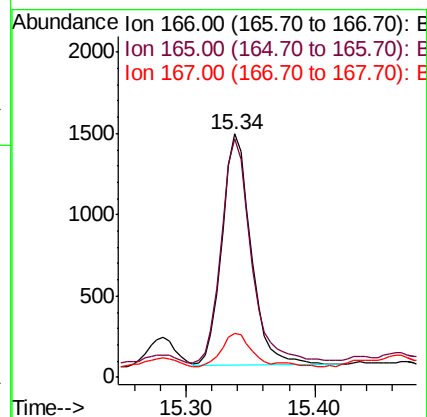
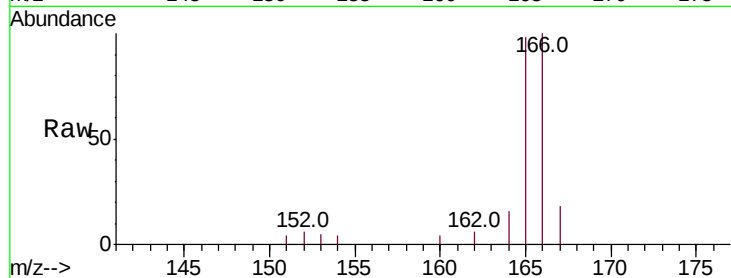
165 97.7 76.4 114.6

167 17.8 11.0 16.6#

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#12

Phenanthrene

Concen: 0.784 ng/ul

RT: 17.08 min Scan# 3675

Delta R.T. -0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

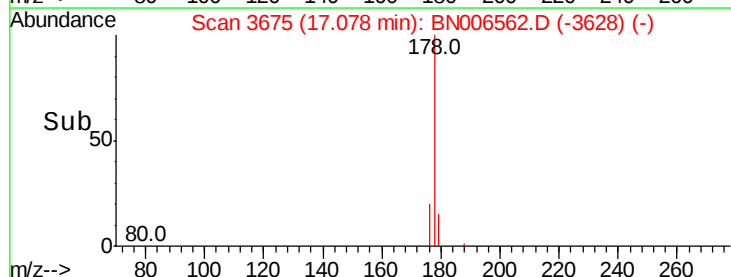
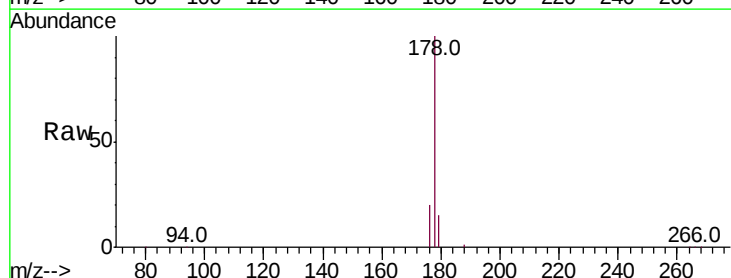
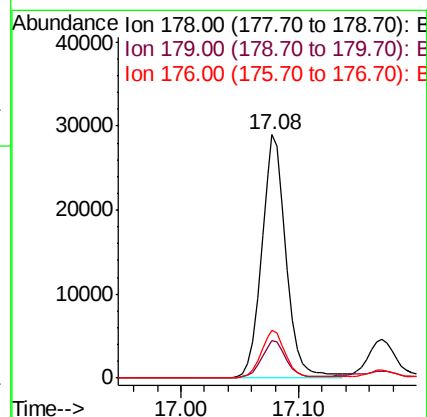
Tgt Ion:178 Resp: 41464

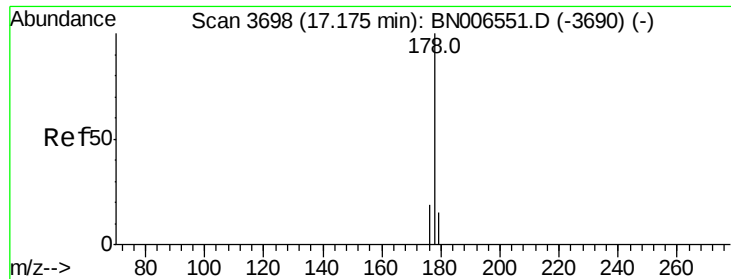
Ion Ratio Lower Upper

178 100

179 15.5 12.3 18.5

176 19.7 15.3 22.9





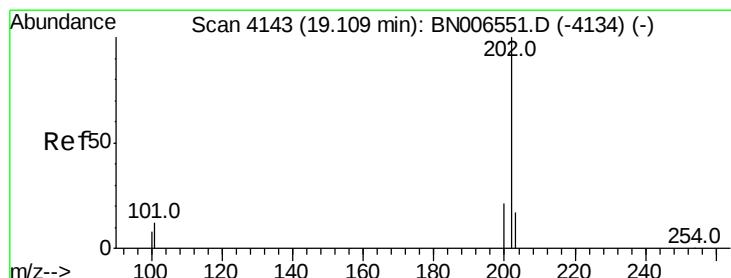
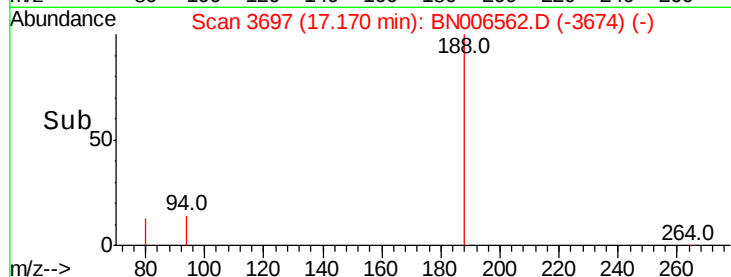
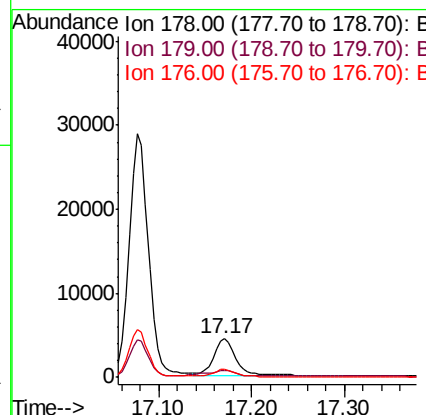
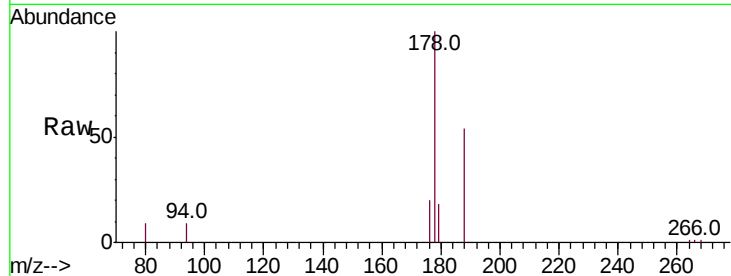
#13
 Anthracene
 Concen: 0.152 ng/ul
 RT: 17.17 min Scan# 3697
 Delta R.T. -0.00 min
 Lab File: BN006562.D
 Acq: 25 Jun 2019 09:17

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion:178	Resp:	7677
Ion Ratio	Lower	Upper
178	100	
179	17.8	12.2 18.4
176	19.8	15.1 22.7

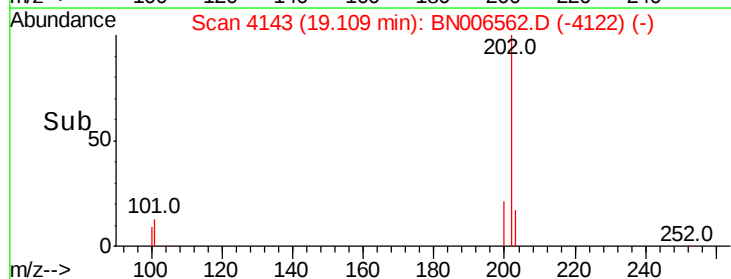
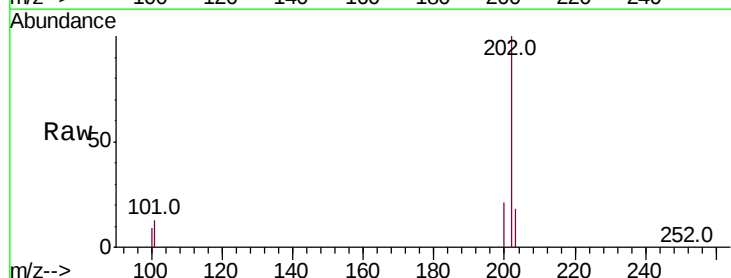
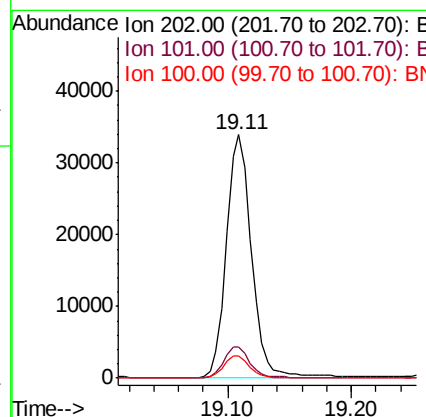
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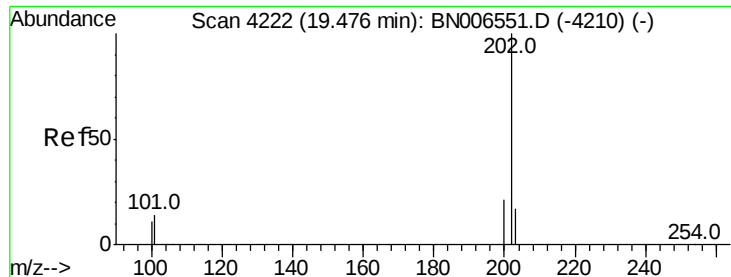
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#15
 Fluoranthene
 Concen: 0.816 ng/ul
 RT: 19.11 min Scan# 4143
 Delta R.T. -0.00 min
 Lab File: BN006562.D
 Acq: 25 Jun 2019 09:17

Tgt Ion:202	Resp:	47649
Ion Ratio	Lower	Upper
202	100	
101	12.8	0.0 32.1
100	9.2	0.0 28.7





#17

Pvrene

Concen: 0.779 ng/ul

RT: 19.47 min Scan# 4221

Delta R.T. -0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Instrument :

BNA_N

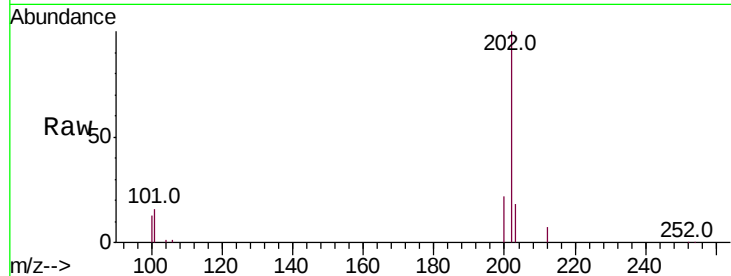
ClientSampleId :

A41Y7DL

Tot Ion:	202	Resp:	40994
Ion Ratio	Lower	Upper	
202	100		
101	15.8	12.2	18.2
100	12.5	9.8	14.6

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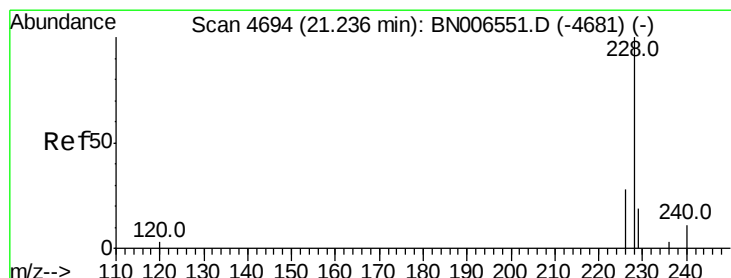
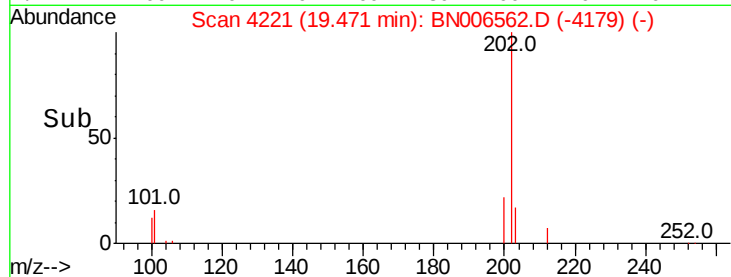
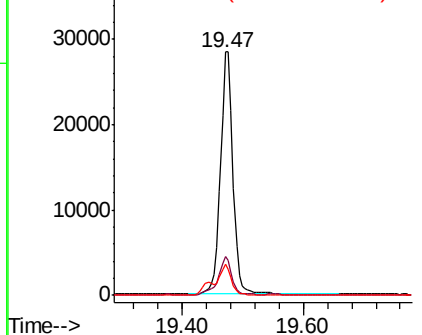
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#18

Benzo(a)anthracene

Concen: 0.387 ng/ul

RT: 21.24 min Scan# 4695

Delta R.T. 0.00 min

Lab File: BN006562.D

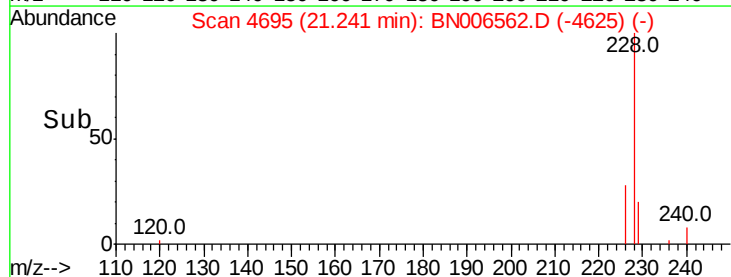
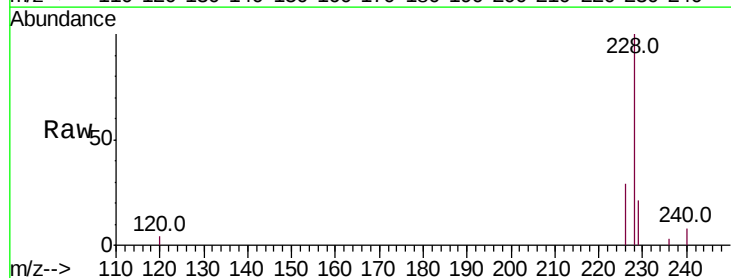
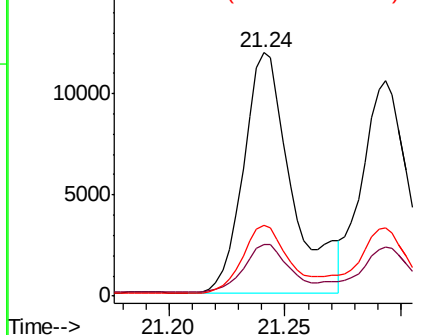
Acq: 25 Jun 2019 09:17

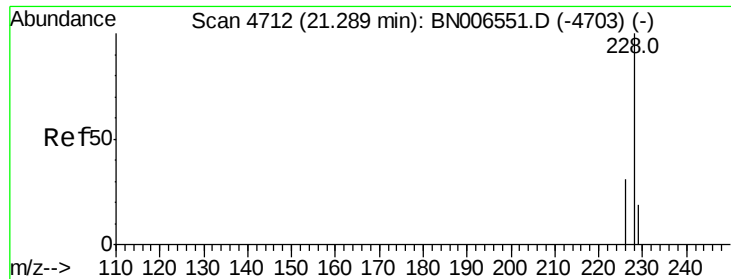
Tgt Ion:	228	Resp:	17108
Ion Ratio	Lower	Upper	
228	100		
229	21.4	16.5	24.7
226	29.0	22.8	34.2

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: 0.367 ng/ul

RT: 21.29 min Scan# 4713

Delta R.T. 0.00 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Instrument :

BNA_N

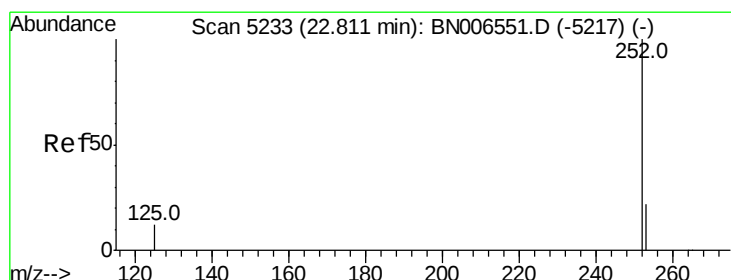
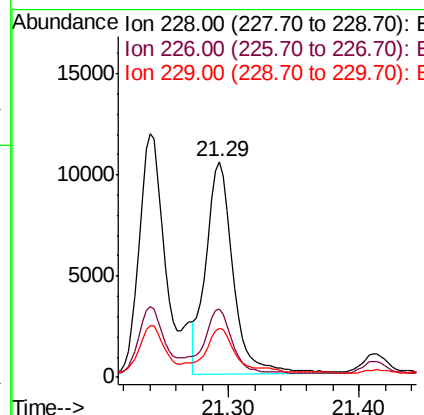
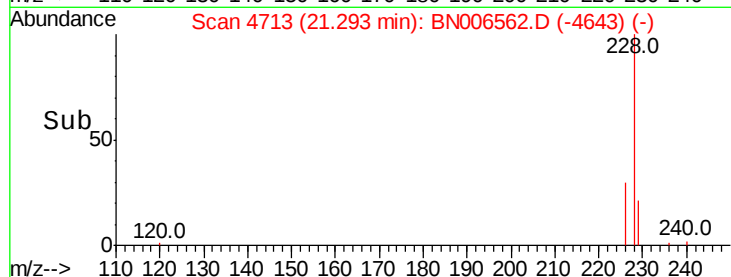
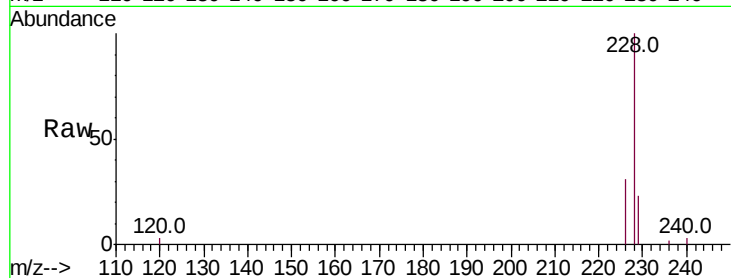
ClientSampleId :

A41Y7DL

Tot Ion:	228	Resp:	15216
Ion Ratio	Lower	Upper	
228	100		
226	31.3	25.0	37.6
229	22.7	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.320 ng/ul m

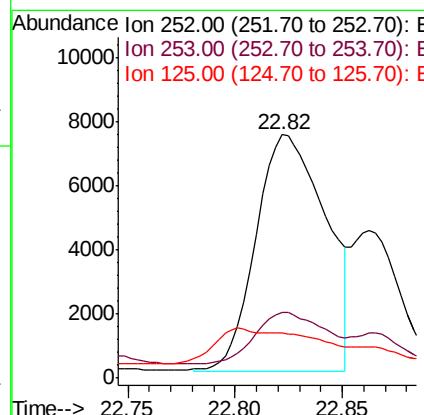
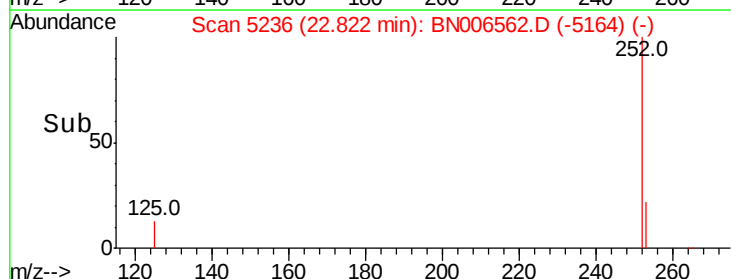
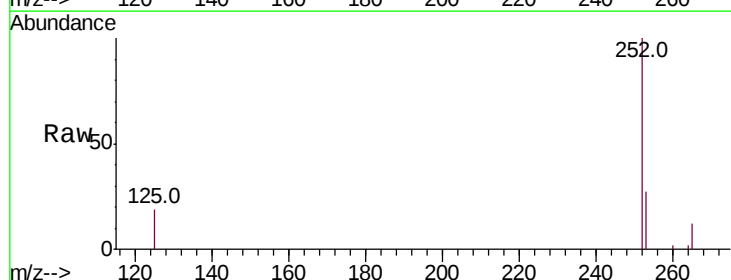
RT: 22.82 min Scan# 5236

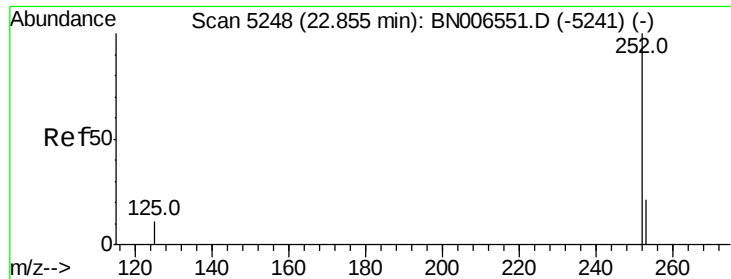
Delta R.T. 0.01 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Tgt Ion:	252	Resp:	16645
Ion Ratio	Lower	Upper	
252	100		
253	27.0	0.0	51.4
125	18.6	0.0	41.0





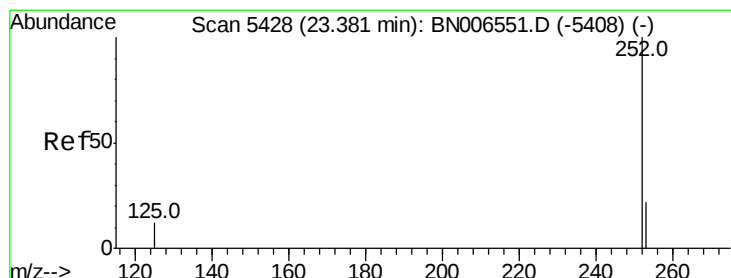
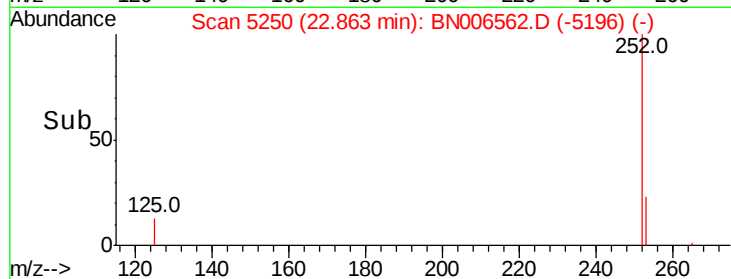
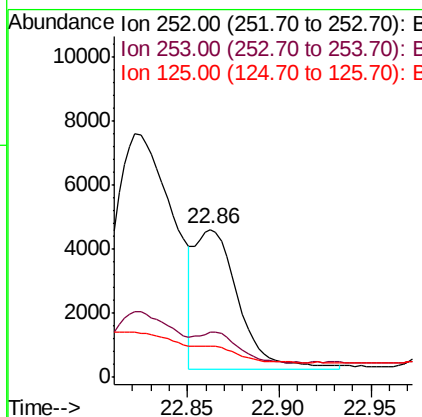
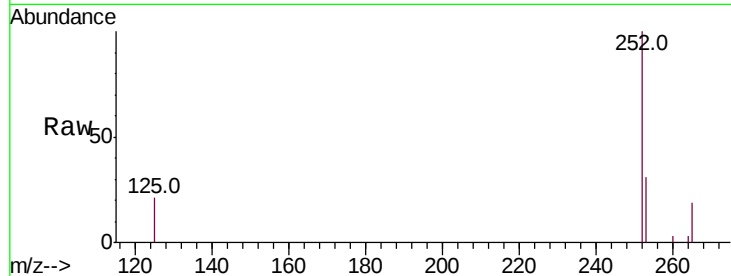
#22
Benzo(k)fluoranthene
Concen: 0.142 ng/ul m
RT: 22.86 min Scan# 5250
Delta R.T. 0.01 min
Lab File: BN006562.D
Acq: 25 Jun 2019 09:17

Instrument :
BNA_N
ClientSampled :
A41Y7DL

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

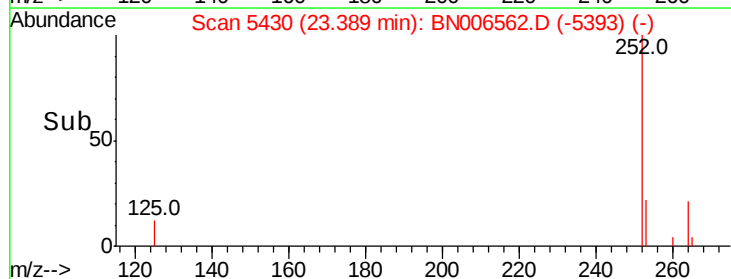
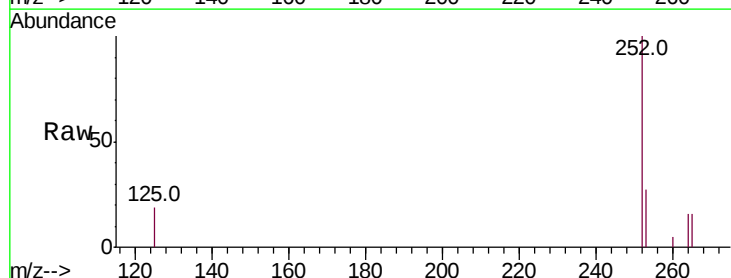
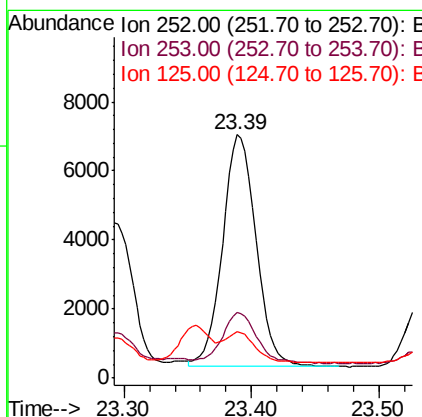
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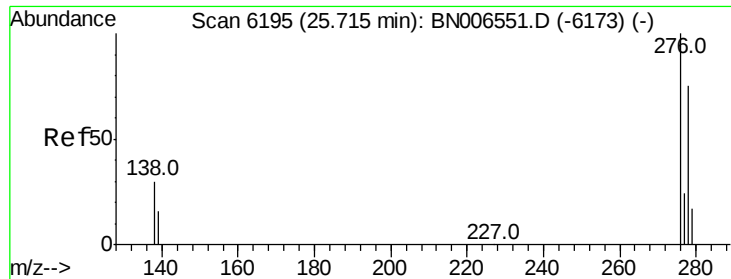
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#23
Benzo(a)pyrene
Concen: 0.254 ng/ul
RT: 23.39 min Scan# 5430
Delta R.T. 0.01 min
Lab File: BN006562.D
Acq: 25 Jun 2019 09:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	26.7	21.1	31.7
125	19.1	20.3	30.5#





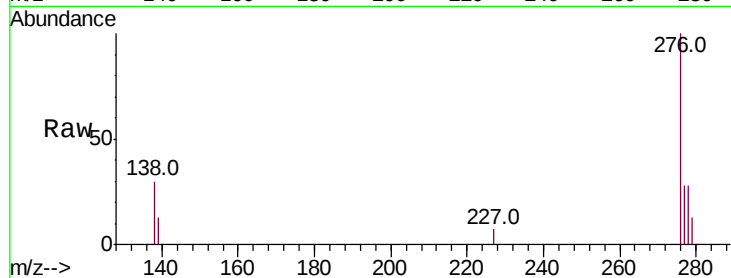
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.133 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006562.D
Acq: 25 Jun 2019 09:17

Instrument :
BNA_N
ClientSampleId :
A41Y7DL

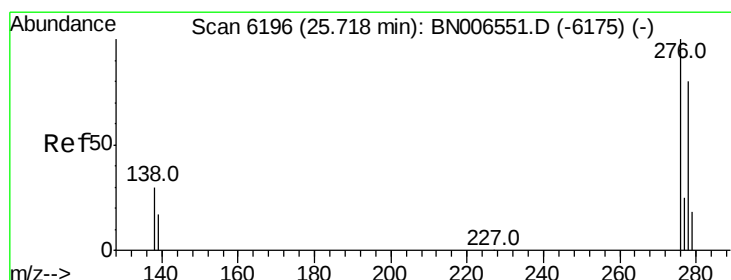
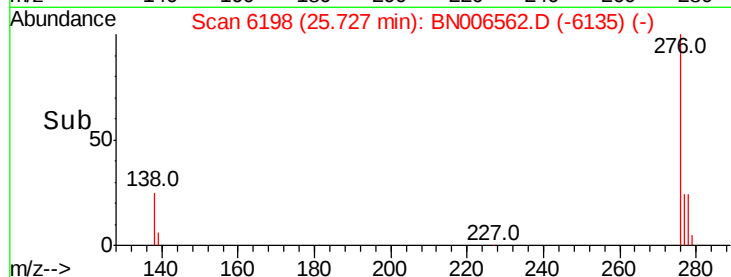
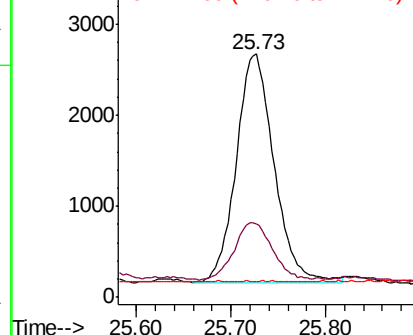
Tot Ion	Ratio	Lower	Upper
276	100		
138	25.1	25.6	38.4#
227	0.1	0.3	0.5#

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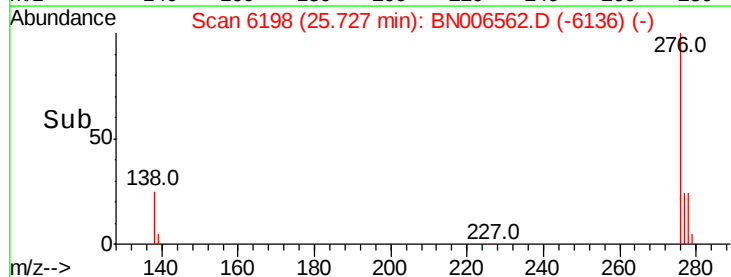
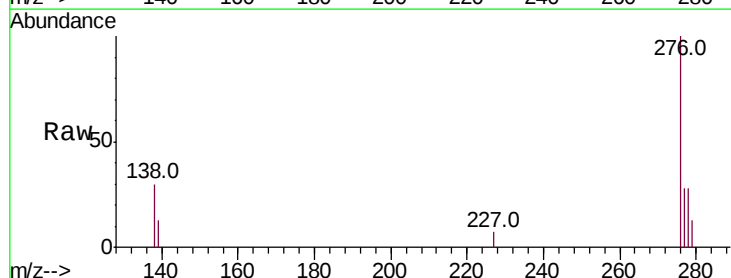
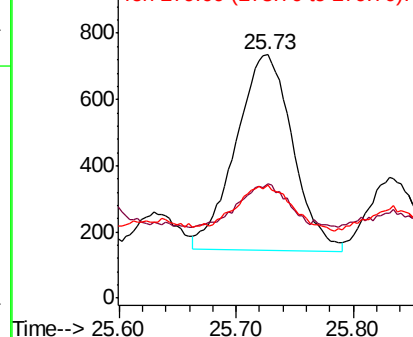
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E

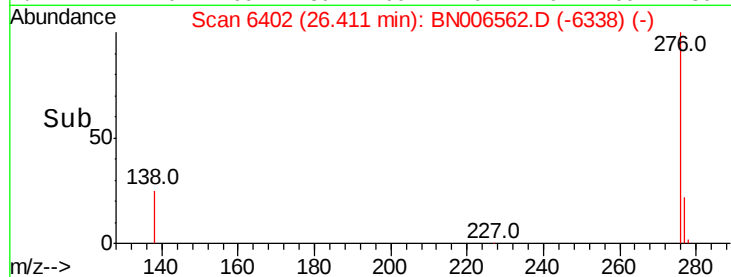
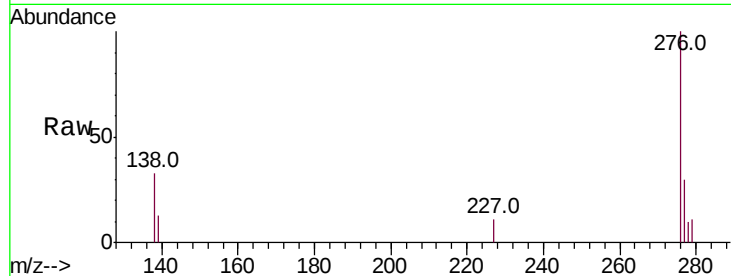
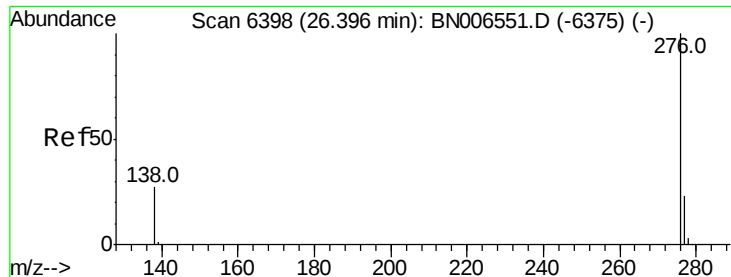


#25
Dibenzo(a,h)anthracene
Concen: 0.047 ng/ul
RT: 25.73 min Scan# 6198
Delta R.T. 0.01 min
Lab File: BN006562.D
Acq: 25 Jun 2019 09:17

Tgt Ion	Ratio	Lower	Upper
278	100		
139	46.9	21.2	31.8#
279	46.6	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: 0.117 ng/ul

RT: 26.41 min Scan# 6402

Delta R.T. 0.02 min

Lab File: BN006562.D

Acq: 25 Jun 2019 09:17

Instrument :

BNA_N

ClientSampleId :

A41Y7DL

Tot Ion:	276	Resp:	5133
Ion Ratio	Lower	Upper	
276	100		
138	33.5	24.2	36.4
277	29.7	21.5	32.3

Manual Integrations
APPROVED

mohammad
6/25/2019 10:21:46 PM

