

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
 Data File : BN006202.D
 Acq On : 08 Jun 2019 22:32
 Operator : JU/SJ
 Sample : K3016-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51C2

Manual Integrations
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Quant Time: Jun 09 05:43:35 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 : Sun Jun 09 05:10:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	4475	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17433	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	23992	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	102873	0.40	ng/ul	0.00
16) Chrysene-d12	21.26	240	90361	0.40	ng/ul	0.00
20) Perylene-d12	23.49	264	94168m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	5177	0.19	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	11708	0.04	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	5575	0.116	ng/ul#	95
5) 2-Methylnaphthalene	12.10	142	4017	0.120	ng/ul	99
7) Acenaphthylene	14.01	152	99156	0.744	ng/ul	99
8) Acenaphthene	14.36	153	24701	0.267	ng/ul	99
9) Fluorene	15.35	166	58262	0.538	ng/ul	98
11) Pentachlorophenol	16.71	266	12414	0.475	ng/ul	99
12) Phenanthrene	17.09	178	208802	0.632	ng/ul	100
13) Anthracene	17.18	178	162415	0.515	ng/ul	99
15) Fluoranthene	19.12	202	387194	1.062	ng/ul	98
17) Pyrene	19.49	202	451751	0.949	ng/ul	99
18) Benzo(a)anthracene	21.24	228	274338	0.686	ng/ul	98
19) Chrysene	21.30	228	295447	0.787	ng/ul	98
21) Benzo(b)fluoranthene	22.82	252	342972	0.873	ng/ul	91
22) Benzo(k)fluoranthene	22.86	252	233479m	0.610	ng/ul	
23) Benzo(a)pyrene	23.39	252	278103	0.760	ng/ul#	85
24) Indeno(1,2,3-cd)pyrene	25.71	276	255981	0.647	ng/ul#	93
25) Dibenzo(a,h)anthracene	25.73	278	143702	0.454	ng/ul	92
26) Benzo(g,h,i)perylene	26.39	276	189352	0.571	ng/ul	94

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

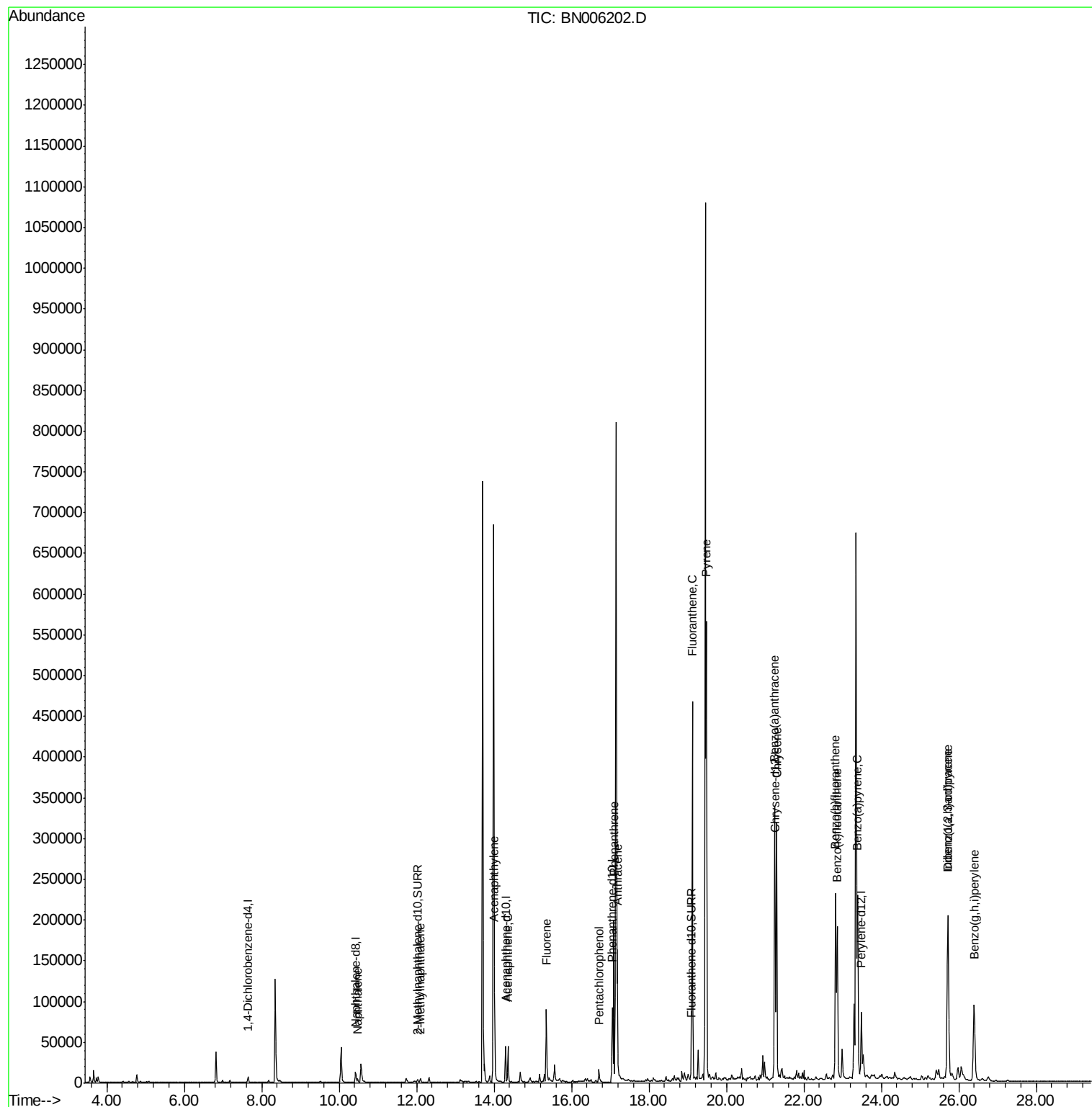
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN060819\
Data File : BN006202.D
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Sample : K3016-03
Misc :
ALS Vial : 20 Sample Multiplier: 1

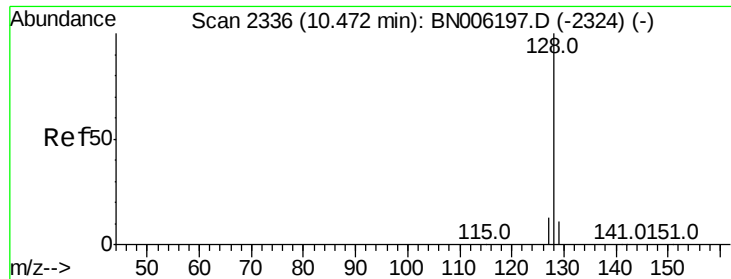
Instrument :
BNA_N
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A51C2

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Quant Time: Jun 09 05:43:35 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 : Sun Jun 09 05:10:30 2019
Response via : Initial Calibration





#3

Naphthalene

Concen: 0.116 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

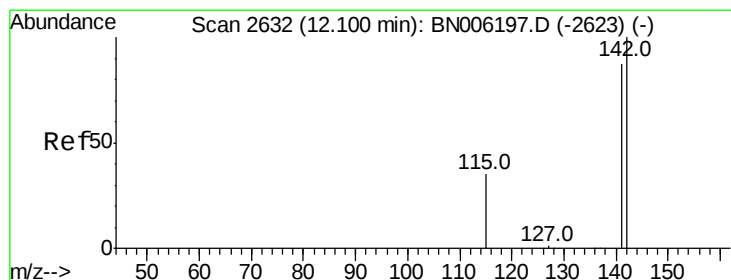
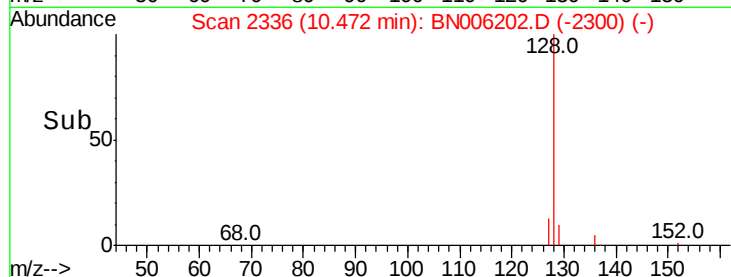
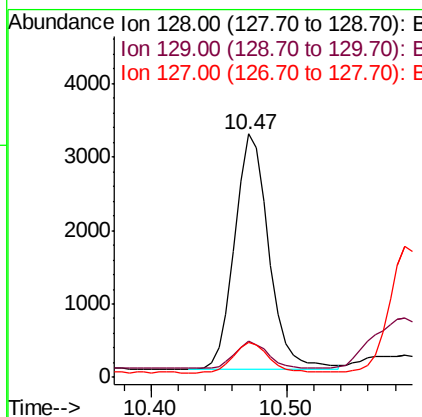
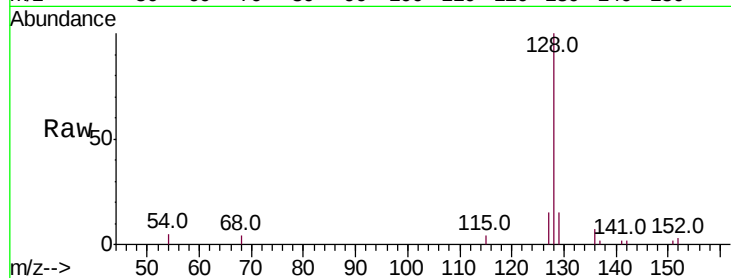
ClientSampleId :

A51C2

Tot Ion:	128	Resp:	5575
Ion Ratio	Lower	Upper	
128	100		
129	14.7	9.3	13.9#
127	14.6	10.7	16.1

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#5

2-Methylnaphthalene

Concen: 0.120 ng/ul

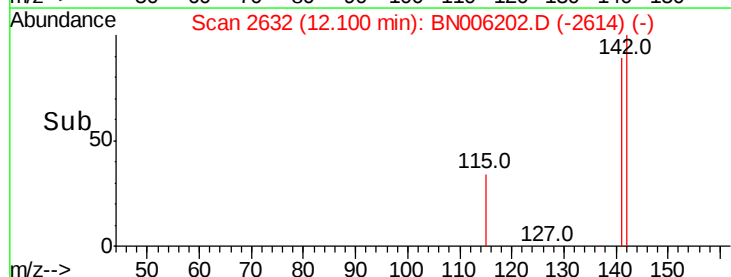
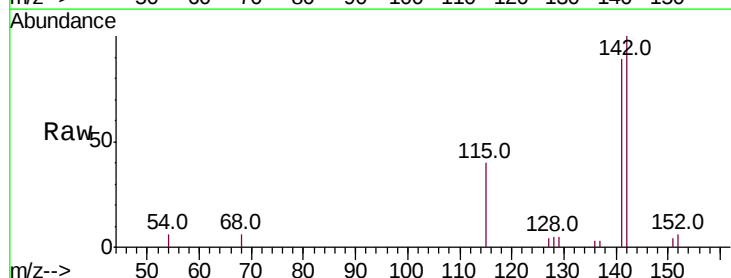
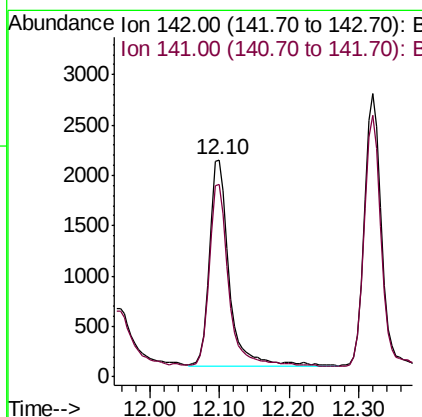
RT: 12.10 min Scan# 2632

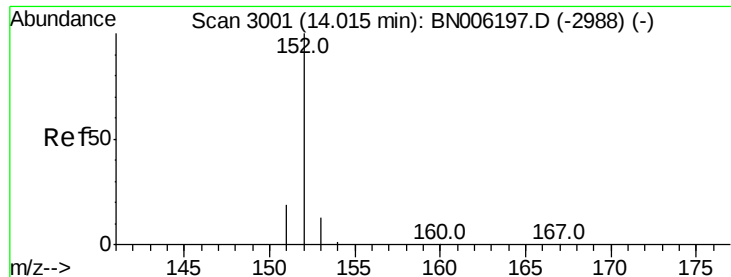
Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion:	142	Resp:	4017
Ion Ratio	Lower	Upper	
142	100		
141	88.4	70.3	105.5





#7

Acenaphthylene

Concen: 0.744 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

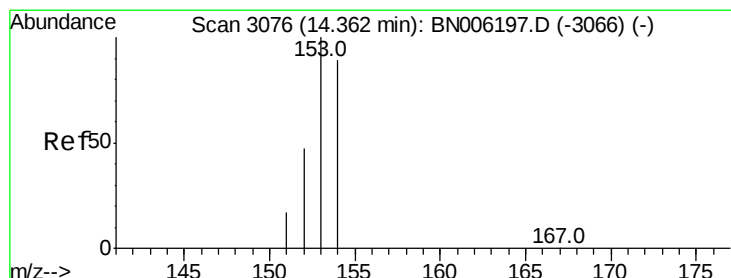
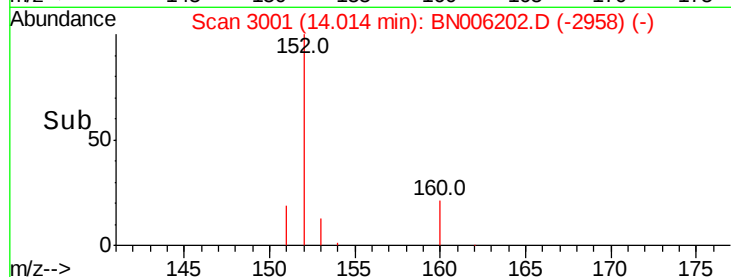
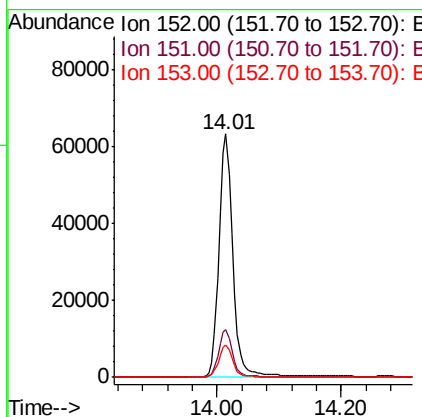
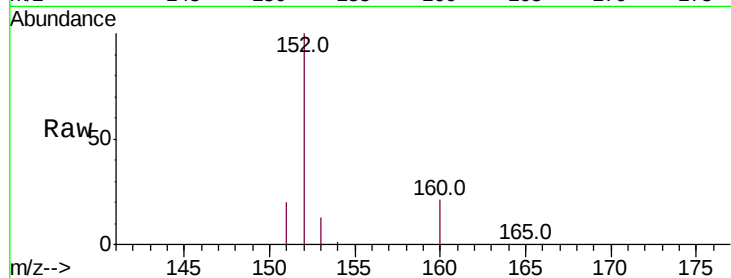
ClientSampleId :

A51C2

Tot Ion:	152	Resp:	99156
Ion	Ratio	Lower	Upper
152	100		
151	19.5	15.8	23.8
153	13.4	10.8	16.2

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#8

Acenaphthene

Concen: 0.267 ng/ul

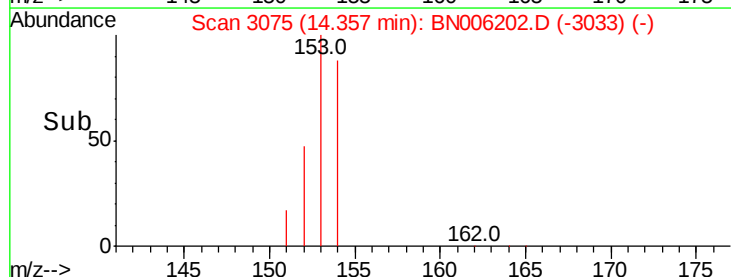
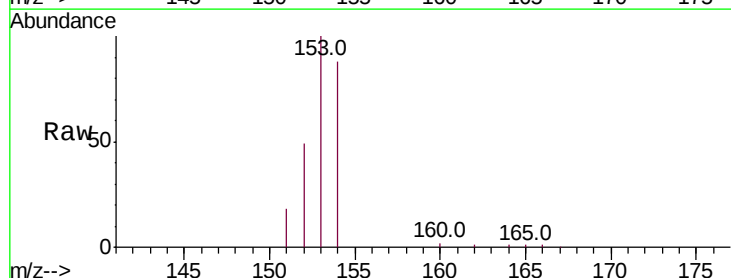
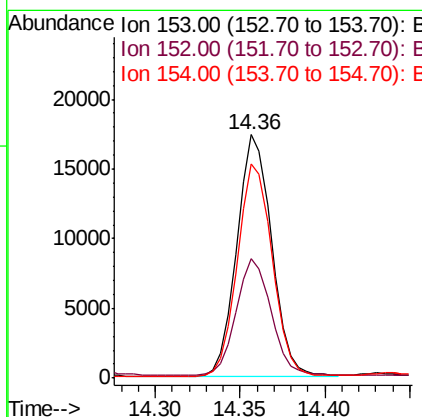
RT: 14.36 min Scan# 3075

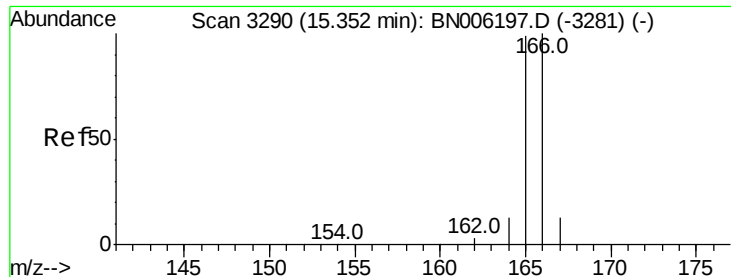
Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion:	153	Resp:	24701
Ion	Ratio	Lower	Upper
153	100		
152	48.8	39.1	58.7
154	87.8	71.1	106.7





#9

Fluorene

Concen: 0.538 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

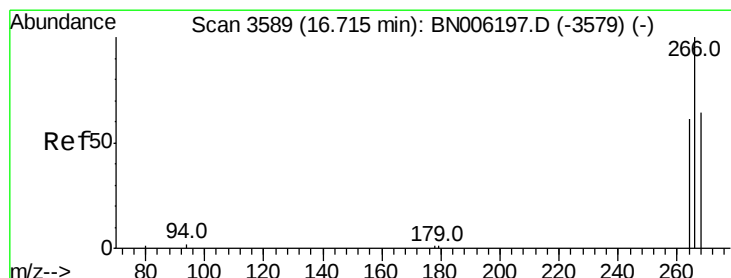
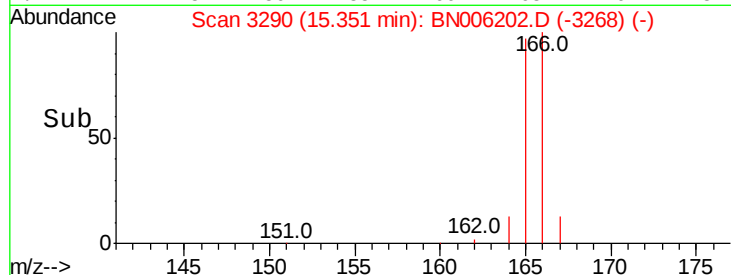
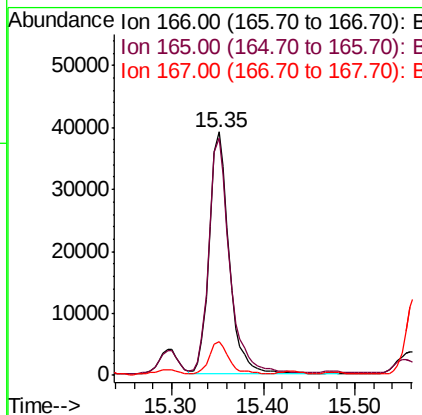
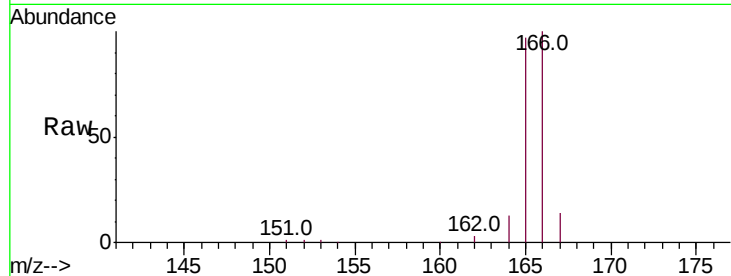
ClientSampled :

A51C2

Tot Ion:	166	Resp:	58262
Ion Ratio	Lower	Upper	
166	100		
165	97.4	76.4	114.6
167	13.8	11.0	16.6

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#11

Pentachlorophenol

Concen: 0.475 ng/ul

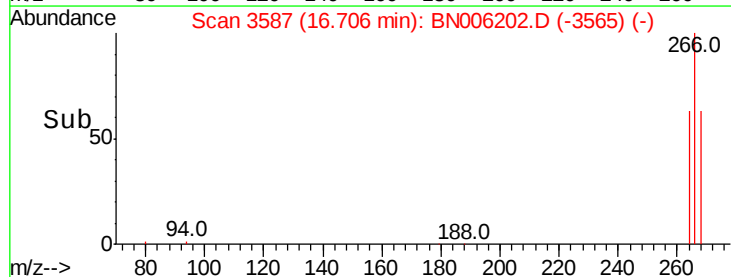
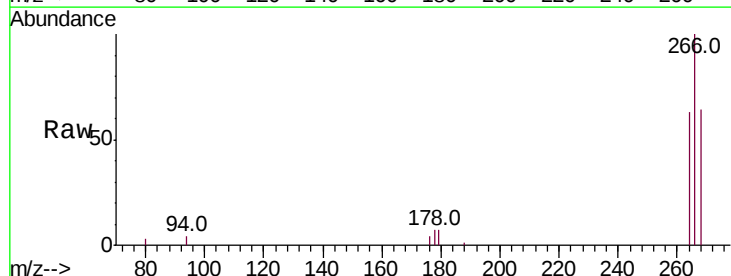
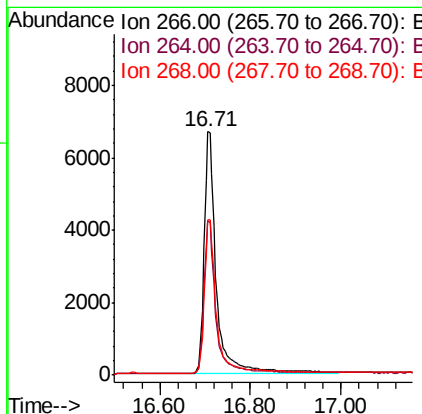
RT: 16.71 min Scan# 3587

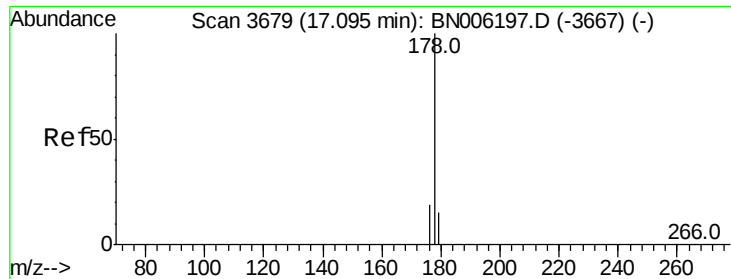
Delta R.T. -0.01 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion:	266	Resp:	12414
Ion Ratio	Lower	Upper	
266	100		
264	62.9	50.3	75.5
268	63.2	51.3	76.9





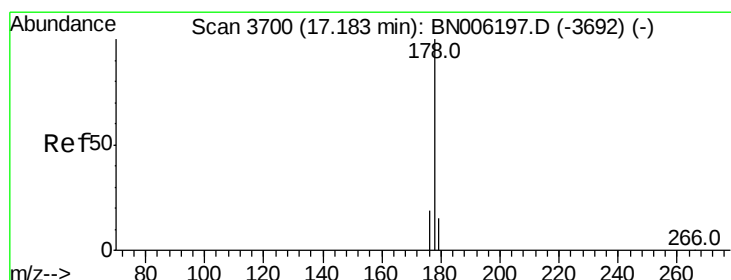
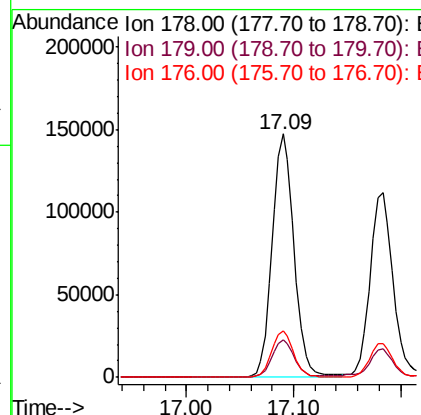
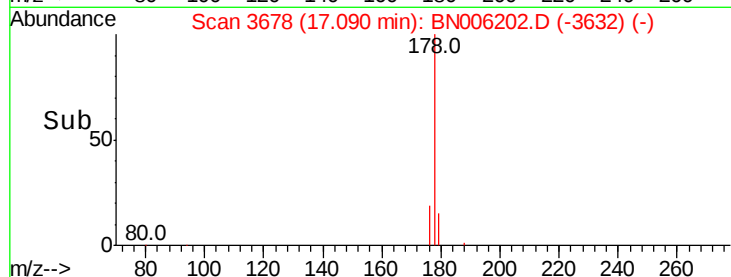
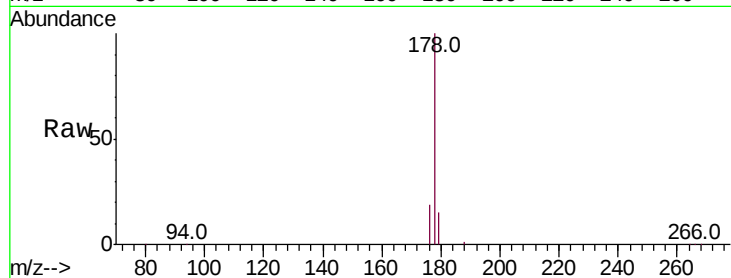
#12
Phenanthrene
Concen: 0.632 ng/ul
RT: 17.09 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Instrument :
BNA_N
ClientSampleId :
A51C2

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.3	18.5
176	19.1	15.3	22.9

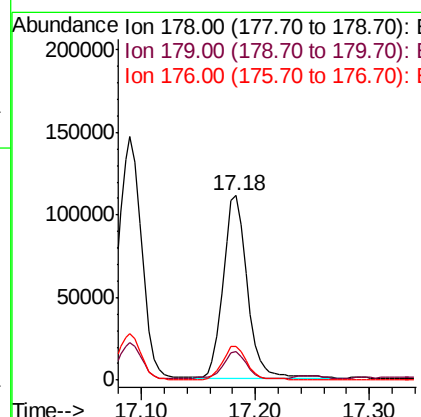
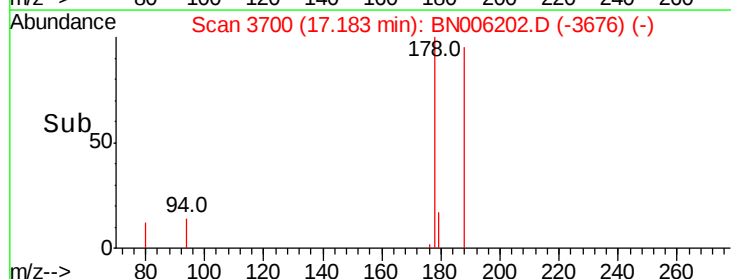
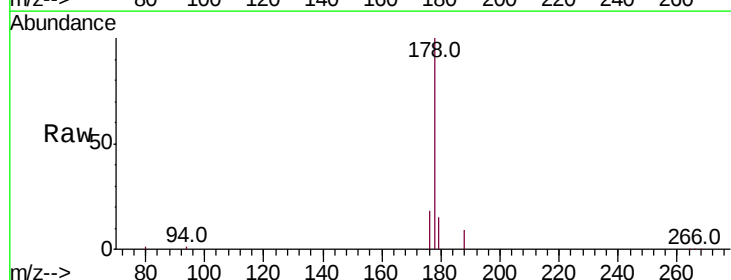
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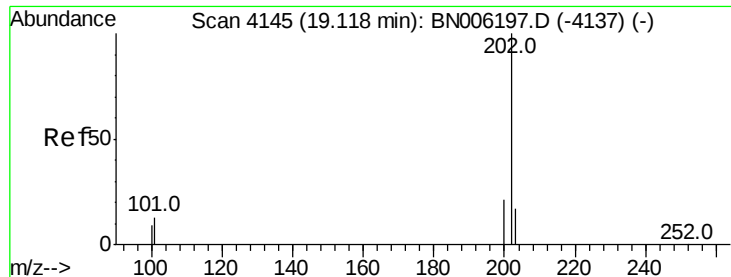
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#13
Anthracene
Concen: 0.515 ng/ul
RT: 17.18 min Scan# 3700
Delta R.T. -0.00 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.4	12.2	18.4
176	18.5	15.1	22.7





#15

Fluoranthene

Concen: 1.062 ng/ul

RT: 19.12 min Scan# 4145

Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

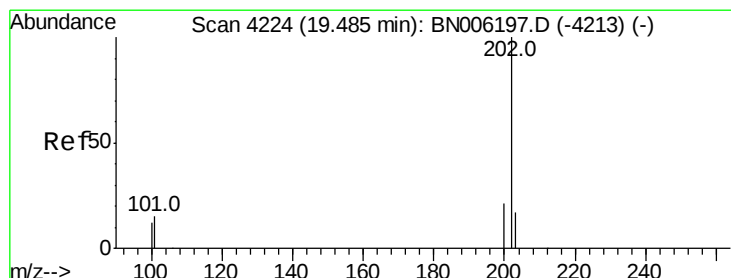
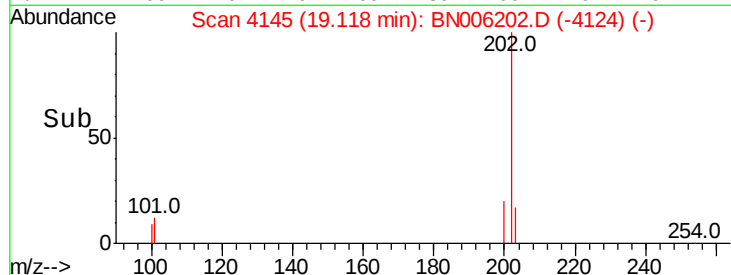
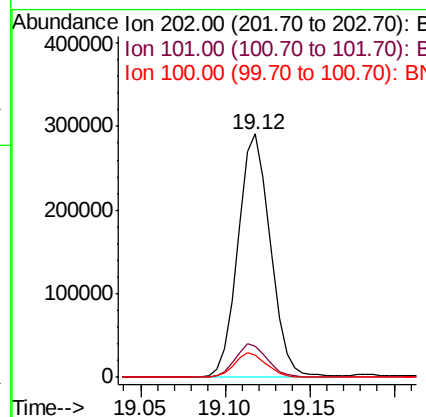
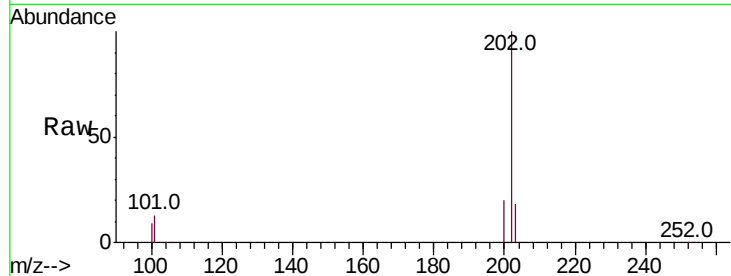
ClientSampleId :

A51C2

Tot Ion:	202	Resp:	387194
Ion Ratio	Lower	Upper	
202	100		
101	13.0	0.0	32.1
100	9.3	0.0	28.7

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#17

Pyrene

Concen: 0.949 ng/ul

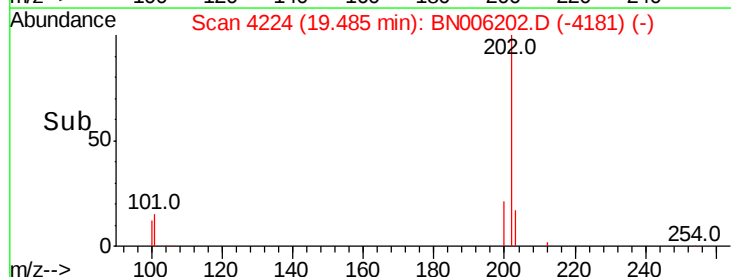
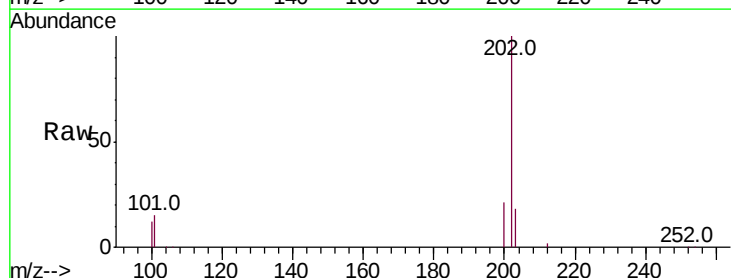
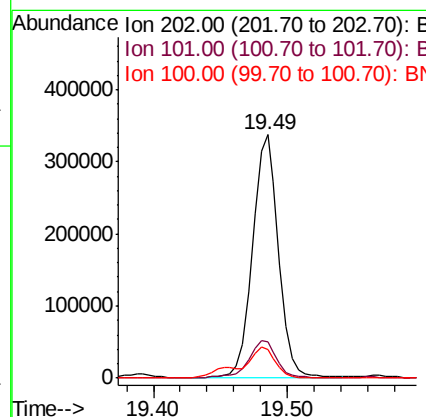
RT: 19.49 min Scan# 4224

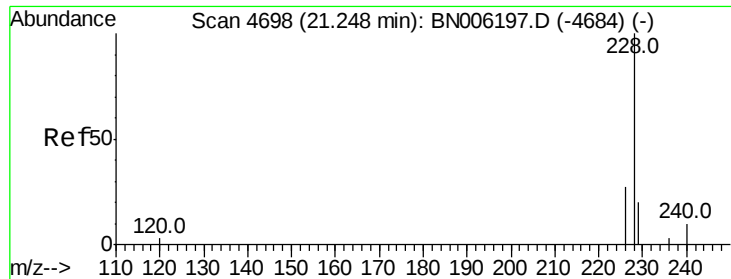
Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion:	202	Resp:	451751
Ion Ratio	Lower	Upper	
202	100		
101	14.8	12.2	18.2
100	11.5	9.8	14.6





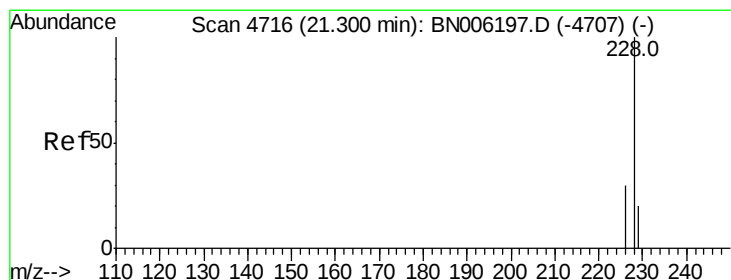
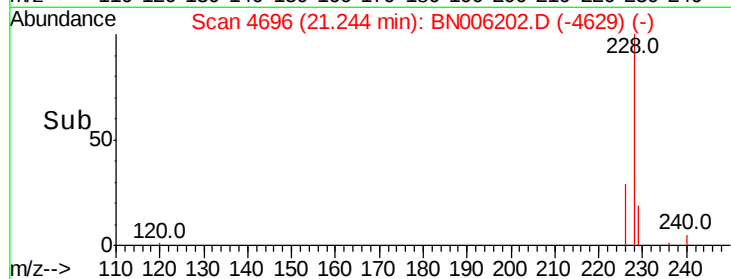
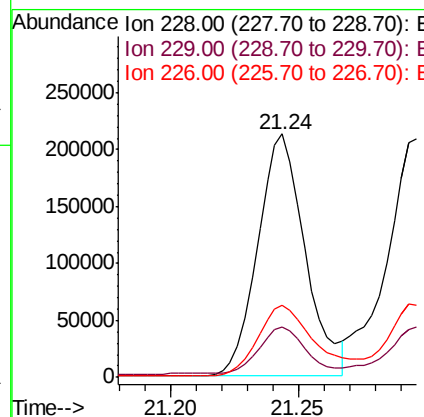
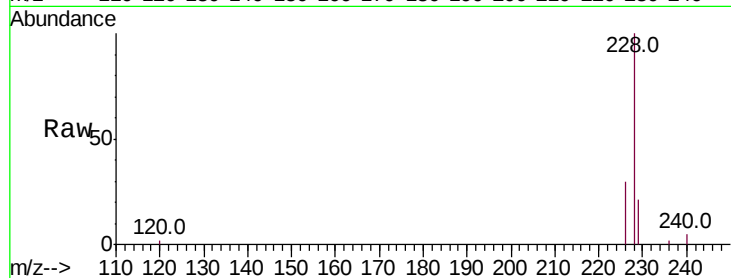
#18
Benzo(a)anthracene
Concen: 0.686 ng/ul
RT: 21.24 min Scan# 4696
Delta R.T. -0.00 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Instrument :
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ClientSampleId :
A51C2

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.9	16.5	24.7
226	29.7	22.8	34.2

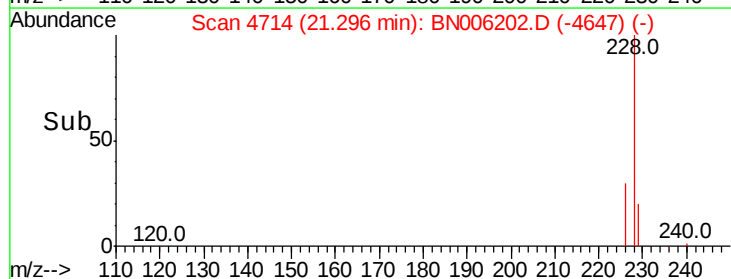
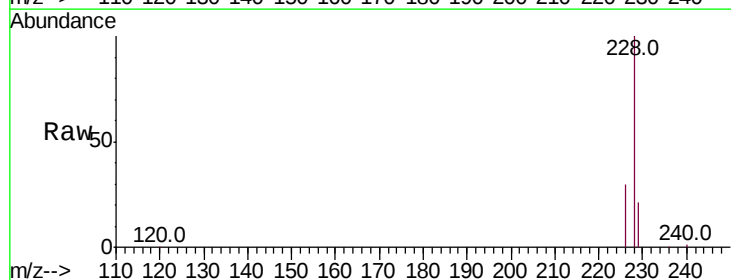
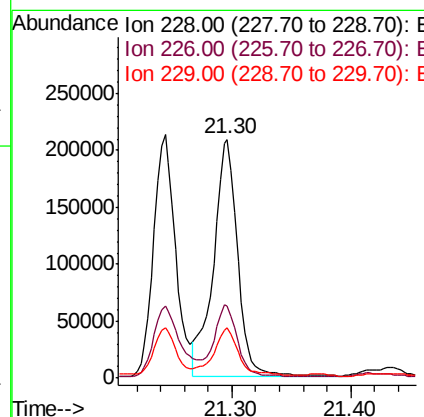
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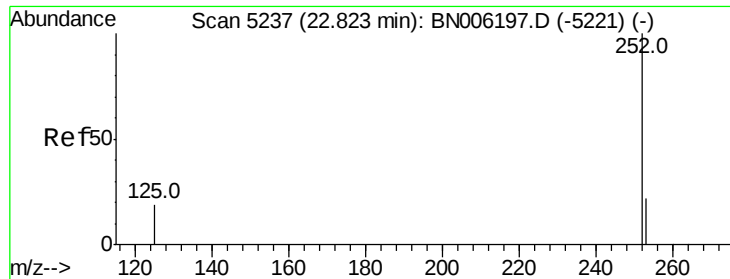
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#19
Chrysene
Concen: 0.787 ng/ul
RT: 21.30 min Scan# 4714
Delta R.T. -0.00 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	25.0	37.6
229	21.0	16.3	24.5





#21

Benzo(b)fluoranthene

Concen: 0.873 ng/u1

RT: 22.82 min Scan# 5235

Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

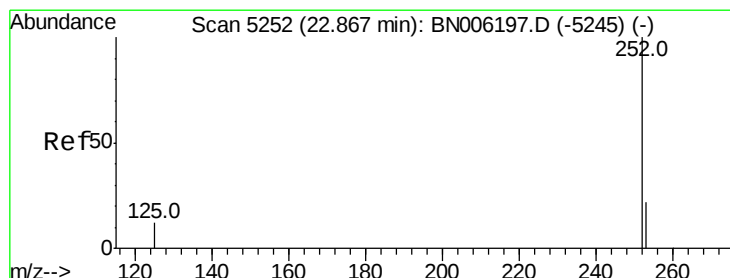
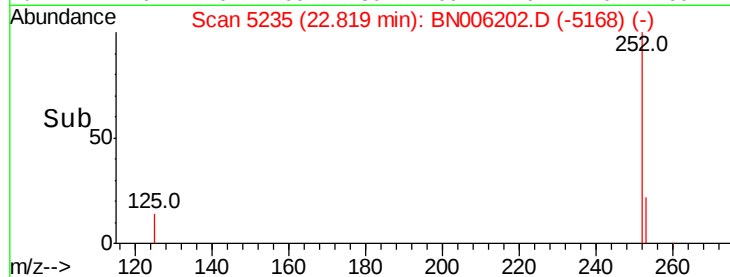
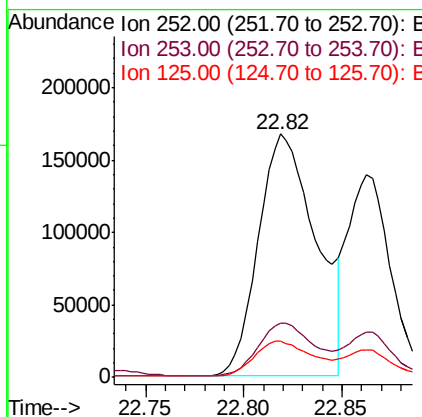
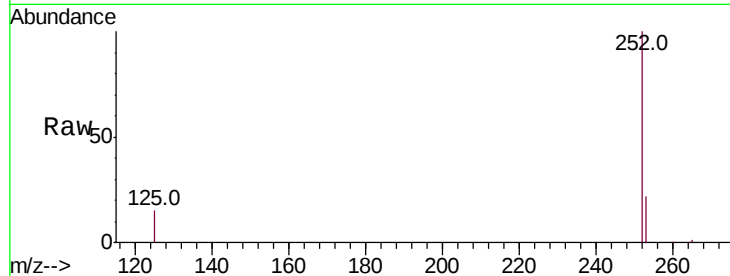
ClientSampleId :

A51C2

Tot Ion:	252	Resp:	342972
Ion Ratio	Lower	Upper	
252	100		
253	22.4	0.0	51.4
125	14.9	0.0	41.0

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#22

Benzo(k)fluoranthene

Concen: 0.610 ng/u1 m

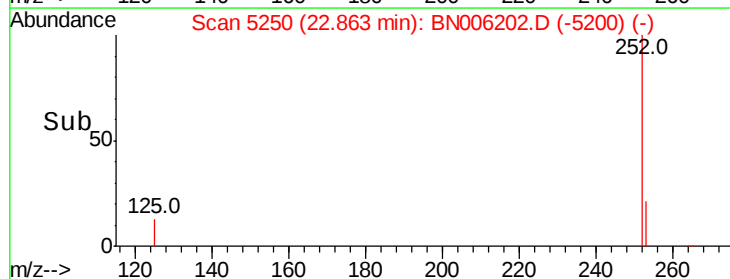
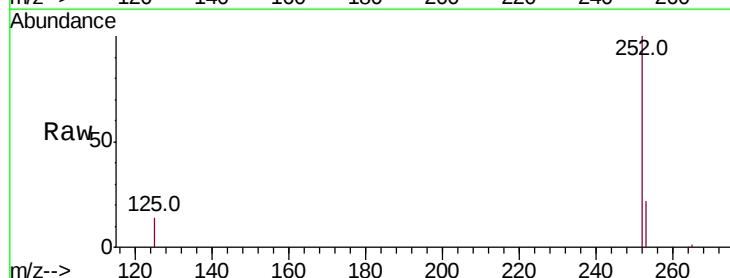
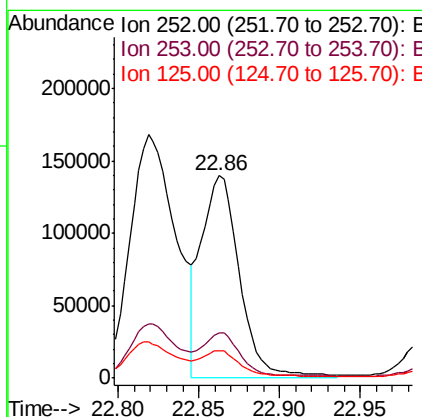
RT: 22.86 min Scan# 5250

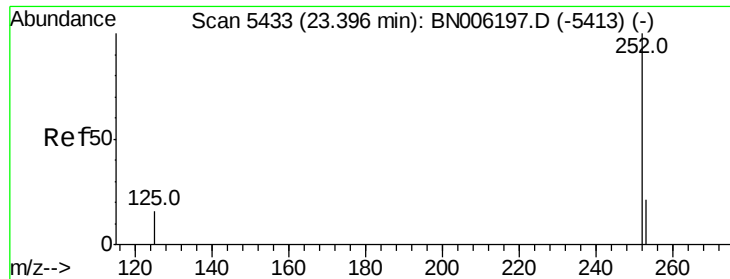
Delta R.T. -0.00 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion:	252	Resp:	233479
Ion Ratio	Lower	Upper	
252	100		
253	22.4	20.3	30.5
125	13.6	14.3	21.5#





#23

Benzo(a)pyrene

Concen: 0.760 ng/u1

RT: 23.39 min Scan# 5430

Delta R.T. -0.01 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Instrument :

BNA_N

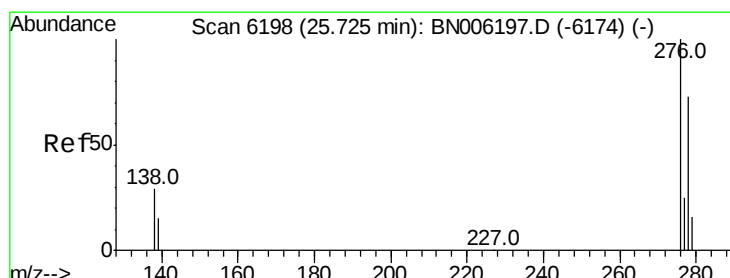
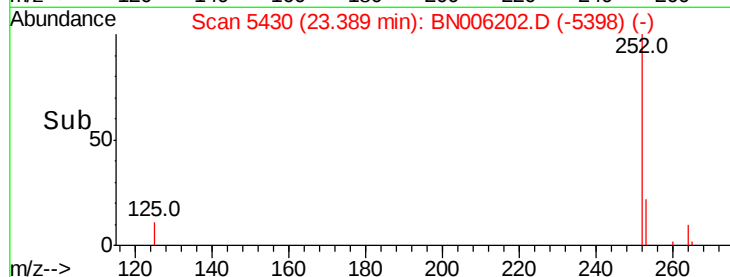
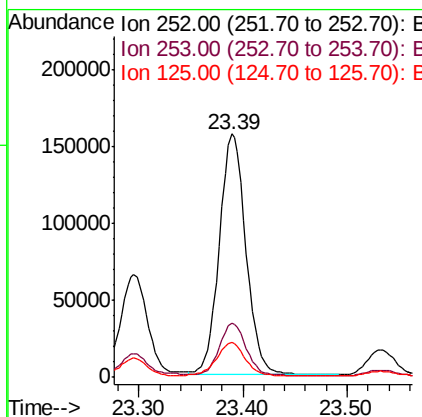
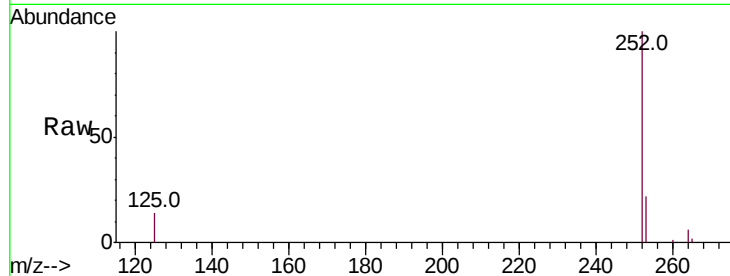
ClientSampleId :

A51C2

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.4	21.1	31.7
125	14.2	20.3	30.5#

Manual Integrations
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mohammad
6/11/2019 4:31:44 PM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.647 ng/u1

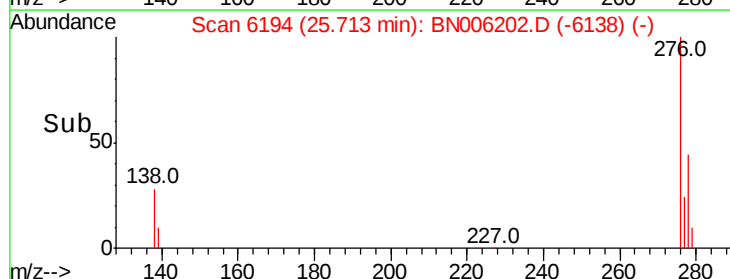
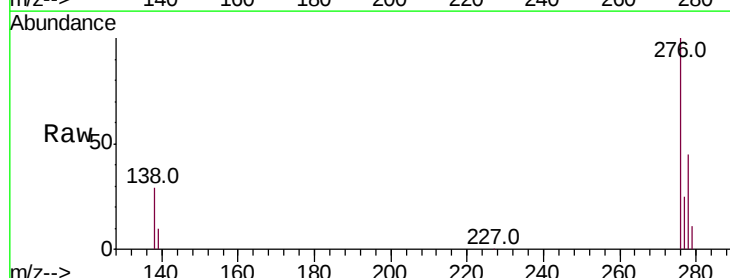
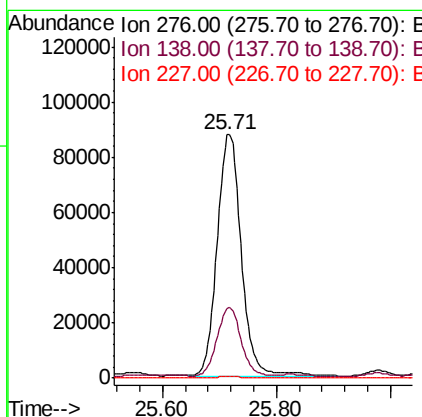
RT: 25.71 min Scan# 6194

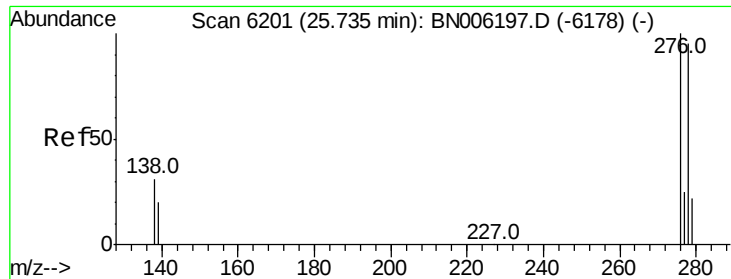
Delta R.T. -0.01 min

Lab File: BN006202.D

Acq: 08 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	28.1	25.6	38.4
227	0.2	0.3	0.5#





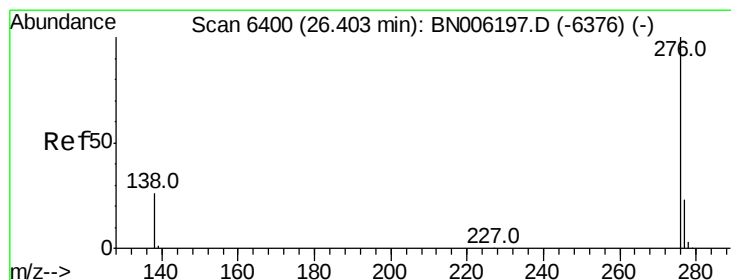
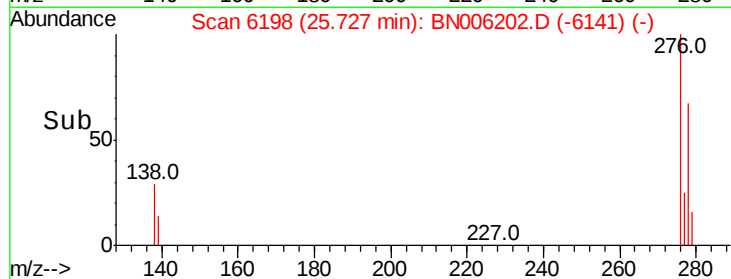
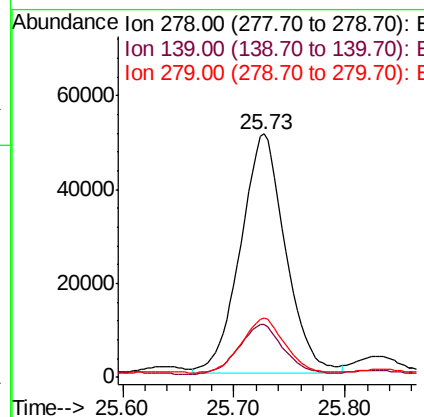
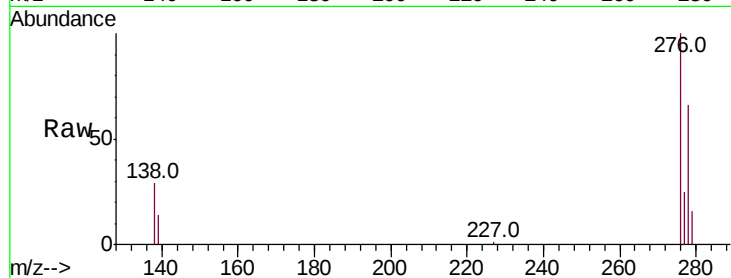
#25
Dibenzo(a,h)anthracene
Concen: 0.454 ng/u1
RT: 25.73 min Scan# 6198
Delta R.T. -0.01 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Instrument :
BNA_N
ClientSampleId :
A51C2

Tot Ion	Ratio	Lower	Upper
278	100		
139	21.7	21.2	31.8
279	24.4	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/11/2019 4:31:44 PM



#26
Benzo(g,h,i)perylene
Concen: 0.571 ng/u1
RT: 26.39 min Scan# 6397
Delta R.T. -0.01 min
Lab File: BN006202.D
Acq: 08 Jun 2019 22:32

Tgt Ion	Ratio	Lower	Upper
276	100		
138	27.1	24.2	36.4
277	24.0	21.5	32.3

