

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
 Data File : BN006338.D
 Acq On : 14 Jun 2019 16:15
 Operator : JU/SJ
 Sample : K3332-09
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Manual Integrations
 APPROVED

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 6/17/2019 8:29:06 AM

Quant Time: Jun 14 18:03:08 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 : Thu Jun 13 11:20:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	4566	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	17243	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	8419	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	15499m	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	10973m	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	10321m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	4533	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	9829m	0.24	ng/ul	0.00
Target Compounds				Qvalue		
8) Acenaphthene	14.36	153	965	0.030	ng/ul	97
9) Fluorene	15.35	166	1519	0.040	ng/ul#	97
12) Phenanthrene	17.09	178	53189m	1.069	ng/ul	
13) Anthracene	17.18	178	8730m	0.184	ng/ul	
15) Fluoranthene	19.12	202	126615m	2.305	ng/ul	
17) Pyrene	19.49	202	98481	1.704	ng/ul	100
18) Benzo(a)anthracene	21.25	228	39879	0.822	ng/ul	99
19) Chrysene	21.30	228	52333	1.149	ng/ul	99
21) Benzo(b)fluoranthene	22.84	252	63021m	1.464	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	21288m	0.508	ng/ul	
23) Benzo(a)pyrene	23.40	252	37620m	0.939	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.74	276	26883m	0.620	ng/ul	
25) Dibenzo(a,h)anthracene	25.75	278	6346m	0.183	ng/ul	
26) Benzo(g,h,i)perylene	26.43	276	22001m	0.605	ng/ul	

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

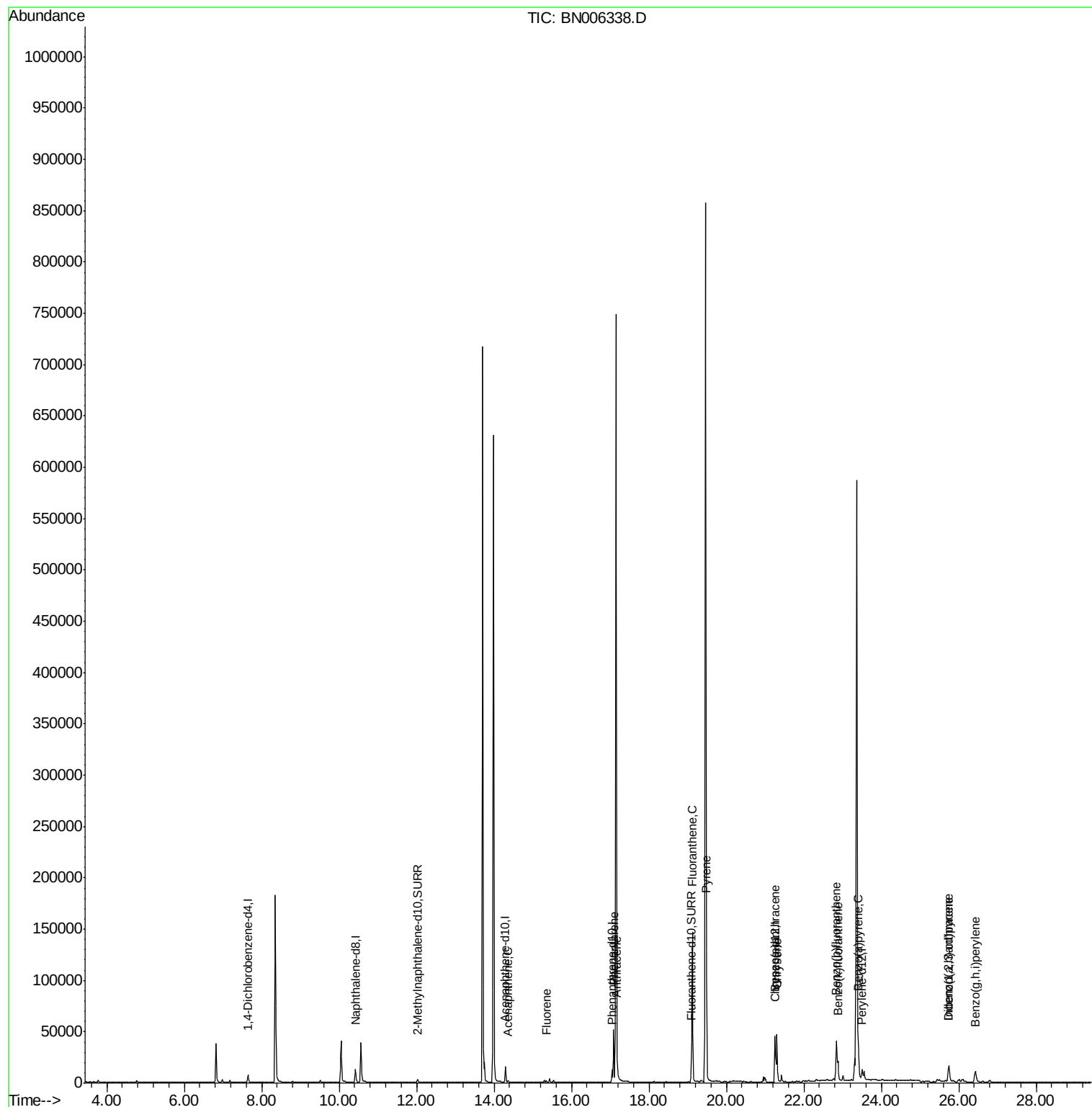
Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN061419\
Data File : BN006338.D
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ALS Vial : 14 Sample Multiplier: 1

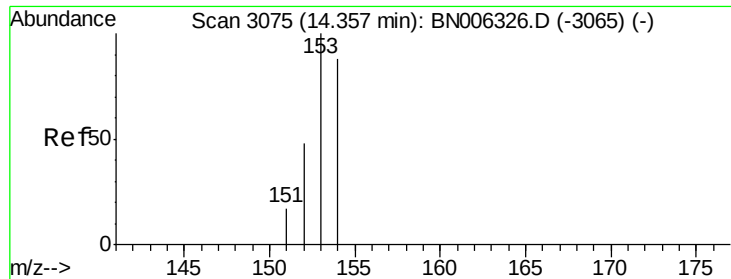
Instrument :
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QLast Update : Thu Jun 13 11:20:30 2019
Response via : Initial Calibration





#8

Acenaphthene

Concen: 0.030 ng/ul

RT: 14.36 min Scan# 3075

Delta R.T. 0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

Instrument :

BNA_N

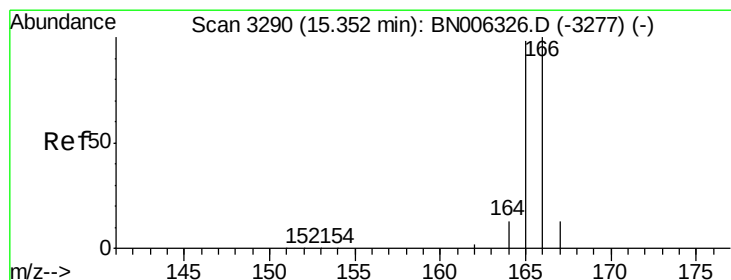
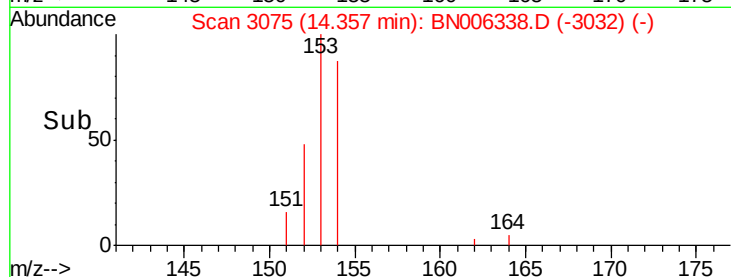
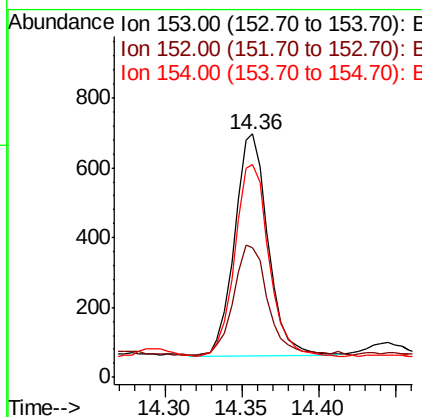
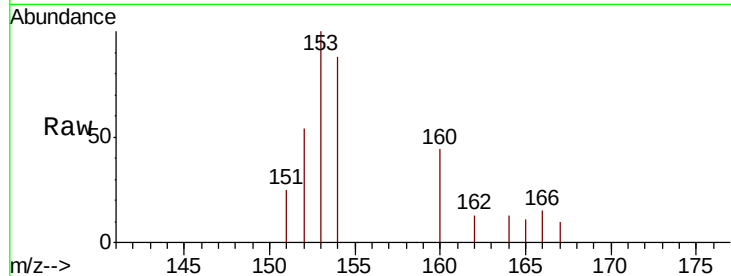
ClientSampleId :

A41W1

Tgt Ion:	153	Resp:	965
Ion Ratio	Lower	Upper	
153	100		
152	53.5	39.1	58.7
154	87.7	71.1	106.7

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#9

Fluorene

Concen: 0.040 ng/ul

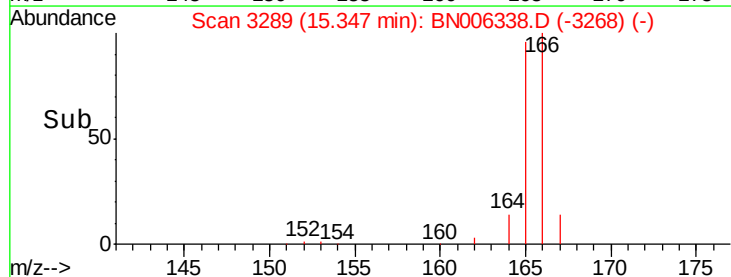
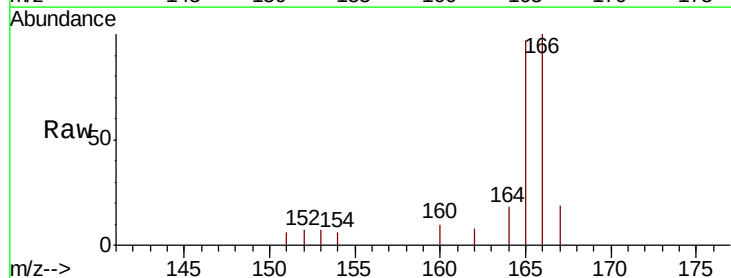
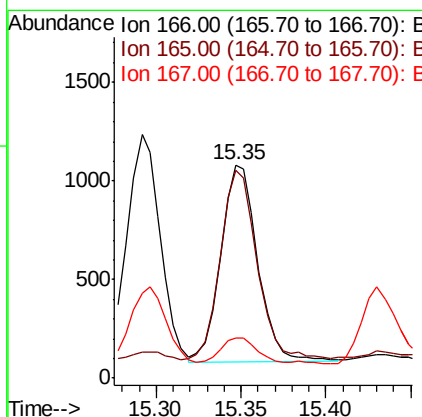
RT: 15.35 min Scan# 3289

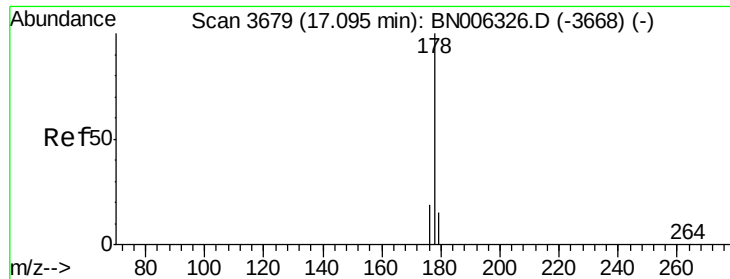
Delta R.T. -0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

Tgt Ion:	166	Resp:	1519
Ion Ratio	Lower	Upper	
166	100		
165	97.3	76.4	114.6
167	19.1	11.0	16.6#





#12

Phenanthrene

Concen: 1.069 ng/ul m

RT: 17.09 min Scan# 3678

Delta R.T. 0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

Instrument :

BNA_N

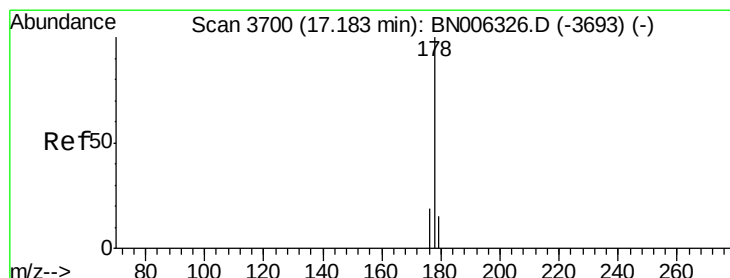
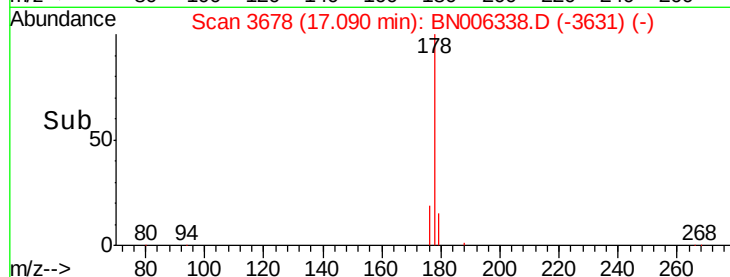
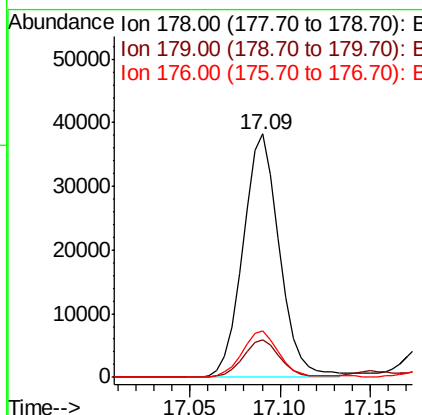
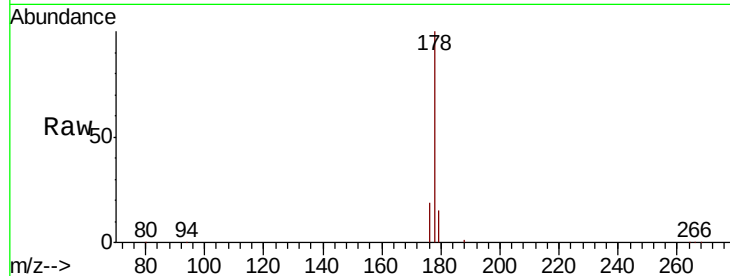
ClientSampleId :

A41W1

Tgt Ion:	178	Resp:	53189
Ion Ratio	Lower	Upper	
178	100		
179	15.5	12.3	18.5
176	19.2	15.3	22.9

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#13

Anthracene

Concen: 0.184 ng/ul m

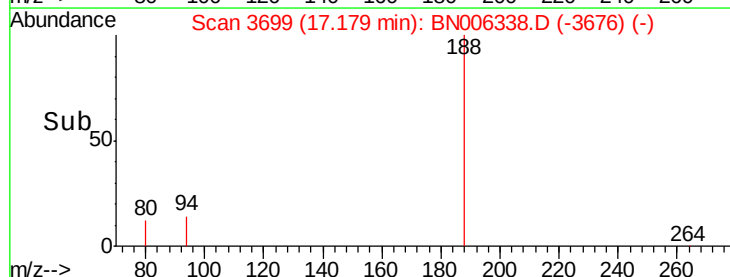
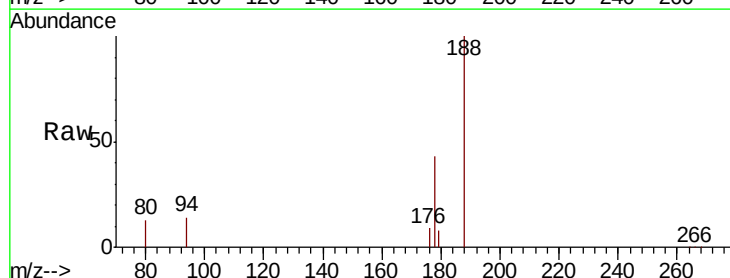
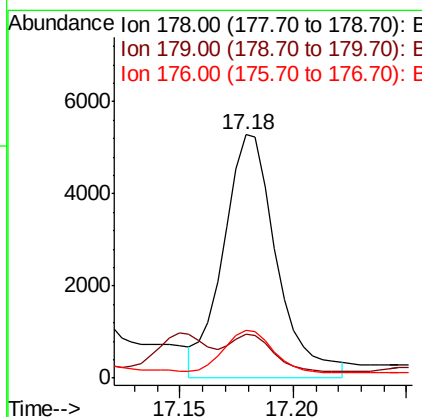
RT: 17.18 min Scan# 3699

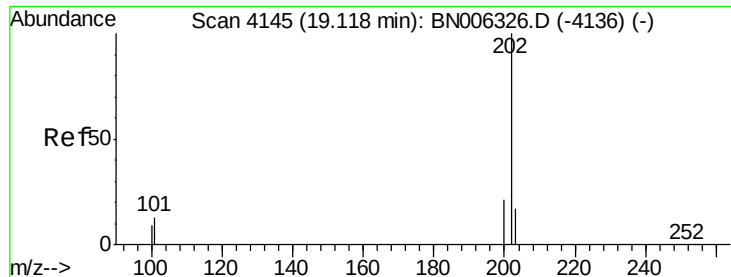
Delta R.T. -0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

Tgt Ion:	178	Resp:	8730
Ion Ratio	Lower	Upper	
178	100		
179	18.0	12.2	18.4
176	19.8	15.1	22.7





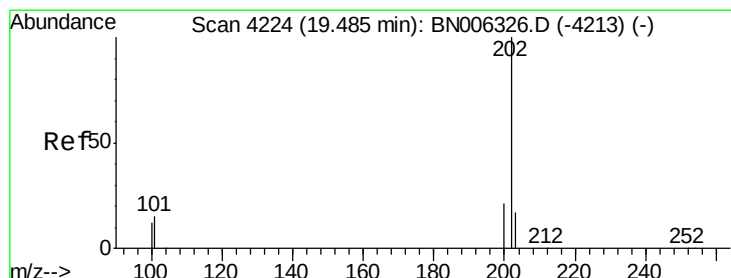
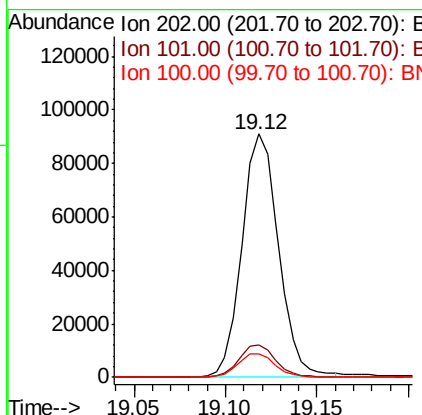
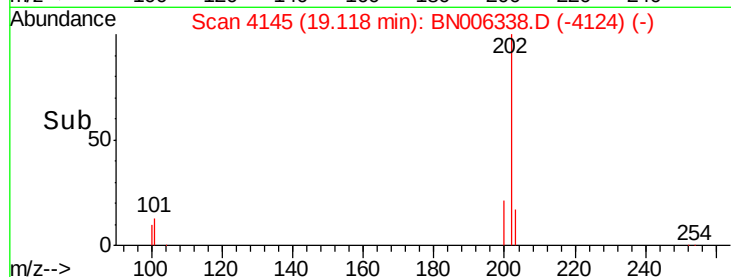
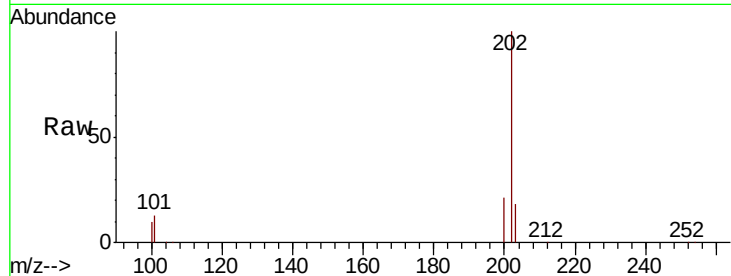
#15
Fluoranthene
 Concen: 2.305 ng/ul m
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006338.D
 Acq: 14 Jun 2019 16:15

Instrument :
 BNA_N
 ClientSampleId :
 A41W1

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.3	0.0	32.1
100	9.9	0.0	28.7

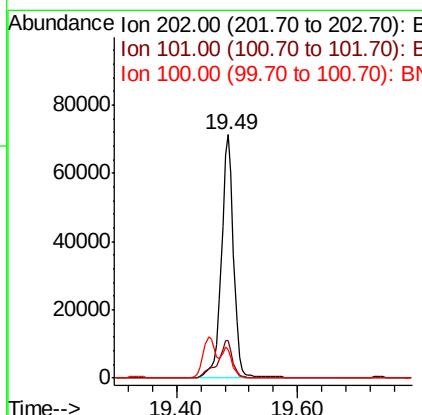
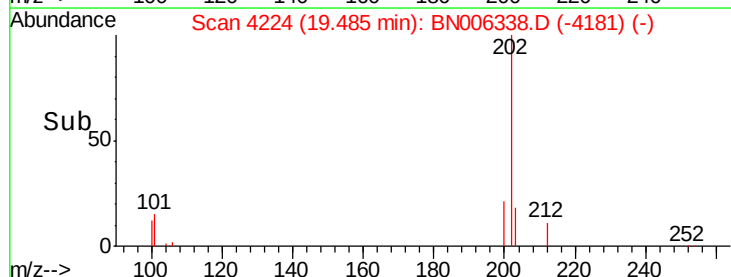
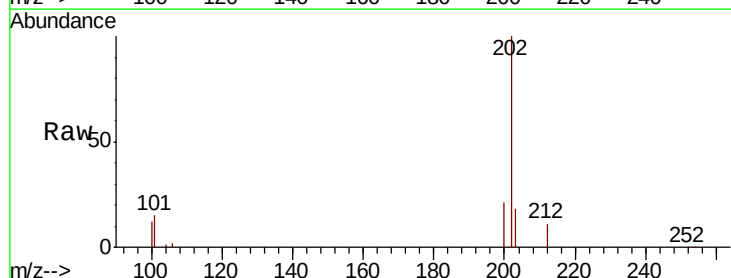
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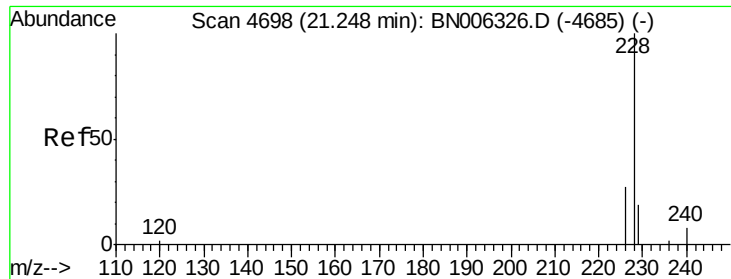
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#17
Pyrene
 Concen: 1.704 ng/ul
 RT: 19.49 min Scan# 4224
 Delta R.T. 0.00 min
 Lab File: BN006338.D
 Acq: 14 Jun 2019 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	15.2	12.2	18.2
100	12.0	9.8	14.6





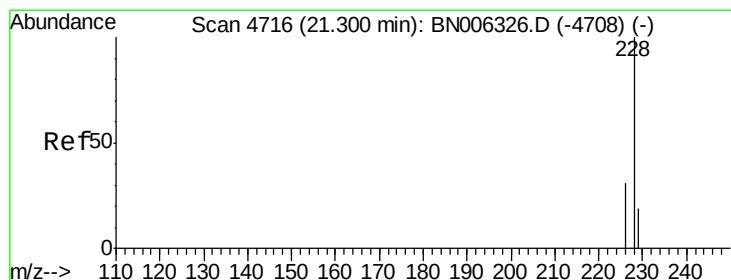
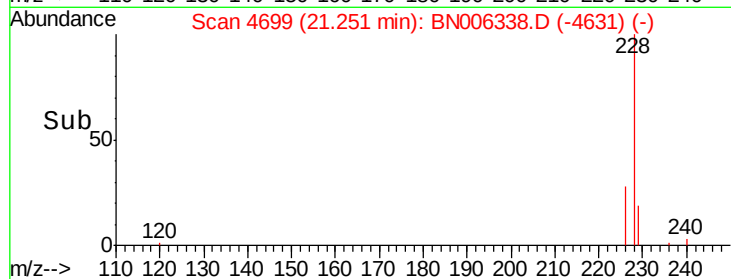
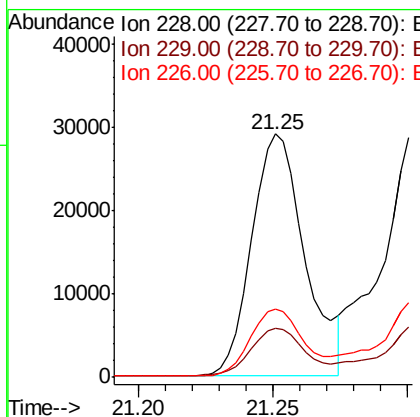
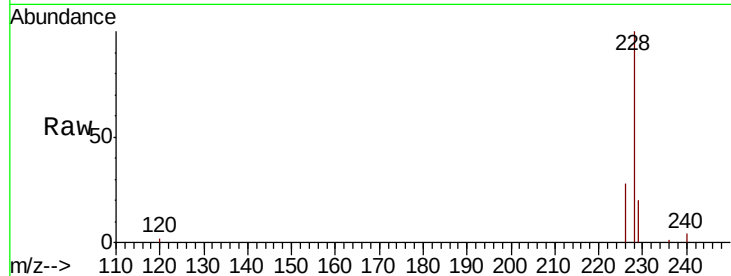
#18
Benzo(a)anthracene
Concen: 0.822 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.2	16.5	24.7
226	28.1	22.8	34.2

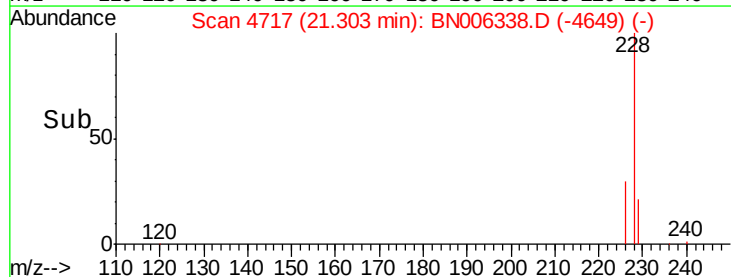
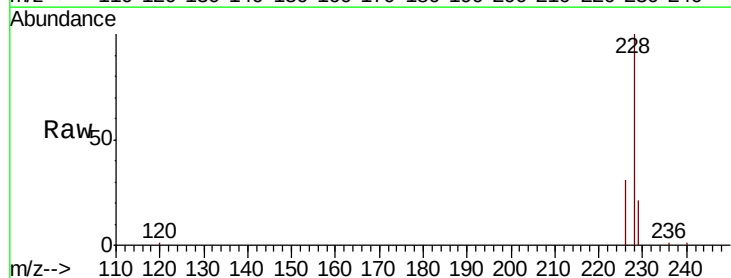
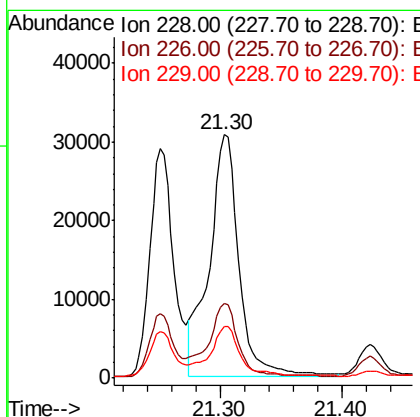
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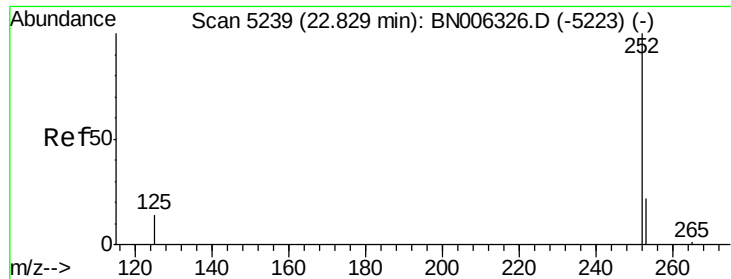
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#19
Chrysene
Concen: 1.149 ng/ul
RT: 21.30 min Scan# 4717
Delta R.T. 0.00 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.7	25.0	37.6
229	21.1	16.3	24.5





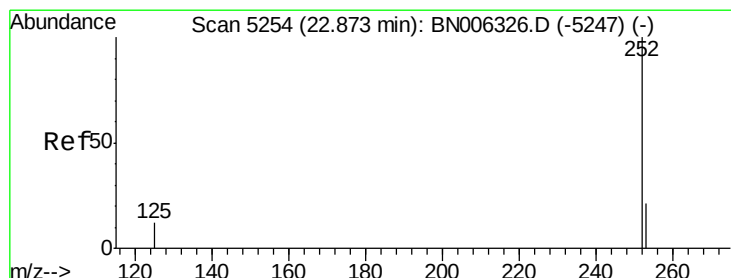
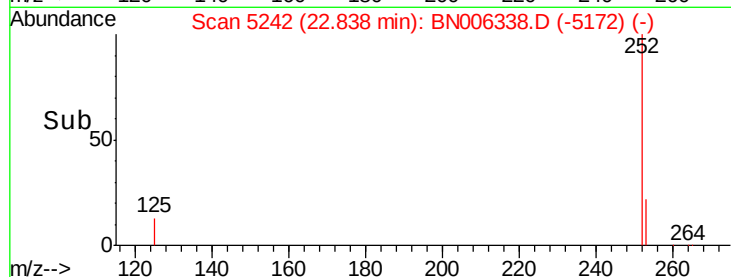
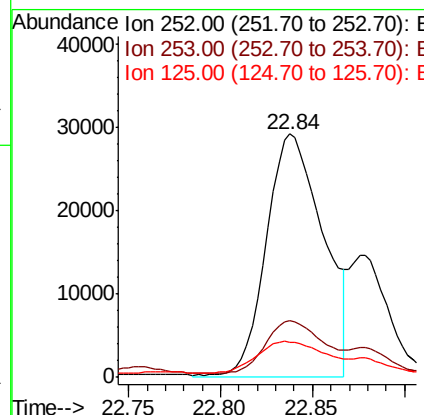
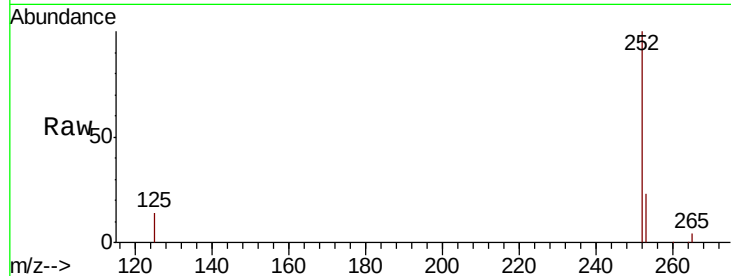
#21
Benzo(b)fluoranthene
Concen: 1.464 ng/ul m
RT: 22.84 min Scan# 5242
Delta R.T. 0.01 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	23.2	0.0	51.4
125	14.5	0.0	41.0

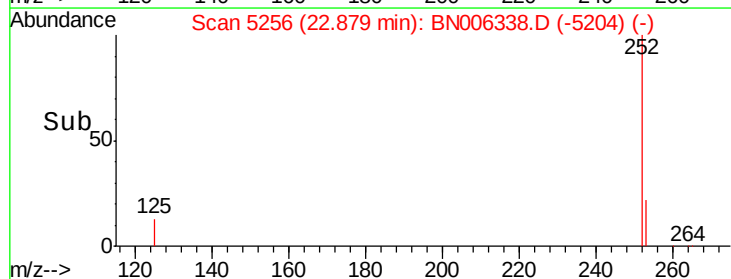
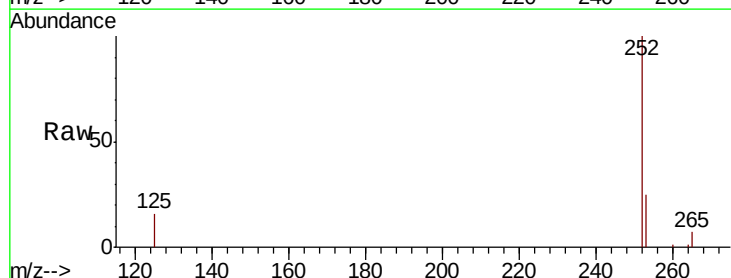
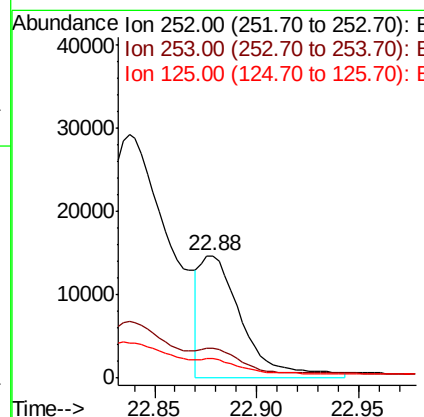
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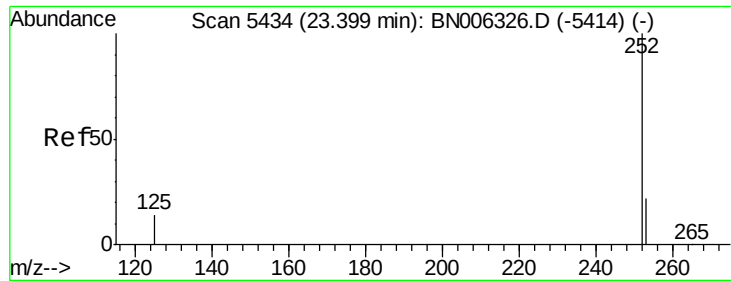
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#22
Benzo(k)fluoranthene
Concen: 0.508 ng/ul m
RT: 22.88 min Scan# 5256
Delta R.T. 0.00 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Tgt Ion	Ratio	Resp Lower	Resp Upper
252	100		
253	24.9	20.3	30.5
125	15.7	14.3	21.5





#23

Benzo(a)pyrene

Concen: 0.939 ng/ul m

RT: 23.40 min Scan# 5436

Delta R.T. 0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

Instrument :

BNA_N

ClientSampleId :

A41W1

Tgt Ion: 252 Resp: 37620

Ion Ratio Lower Upper

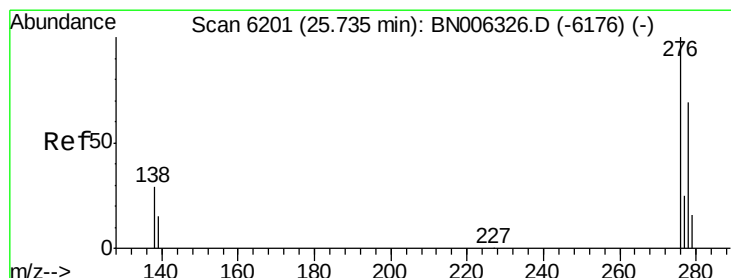
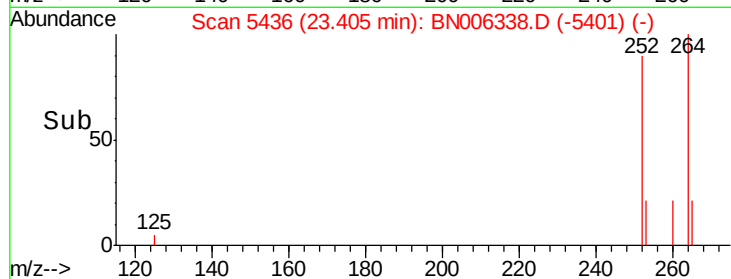
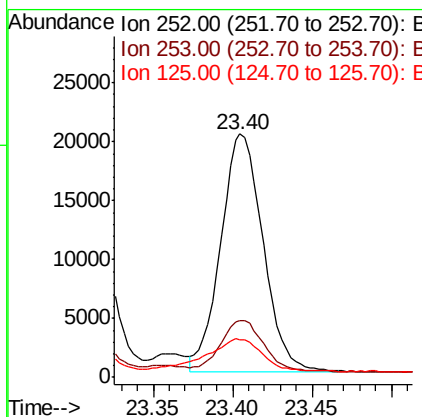
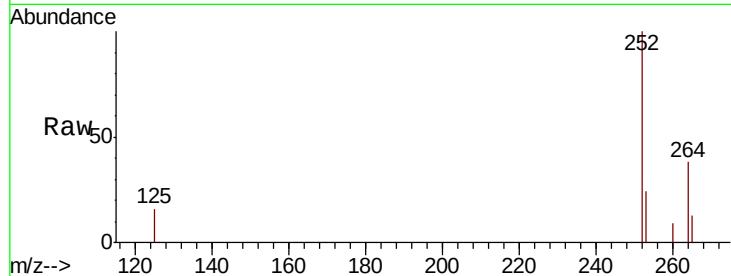
252 100

253 23.6 21.1 31.7

125 15.6 20.3 30.5#

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#24

Indeno(1,2,3-cd)pyrene

Concen: 0.620 ng/ul m

RT: 25.74 min Scan# 6202

Delta R.T. 0.00 min

Lab File: BN006338.D

Acq: 14 Jun 2019 16:15

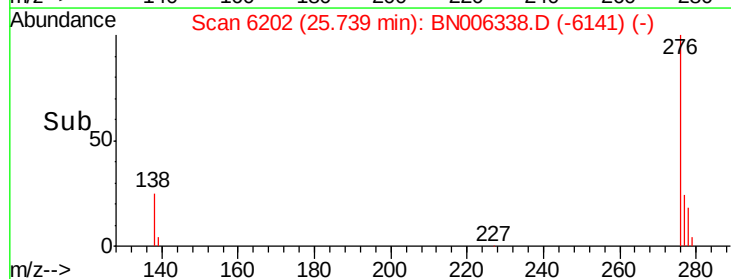
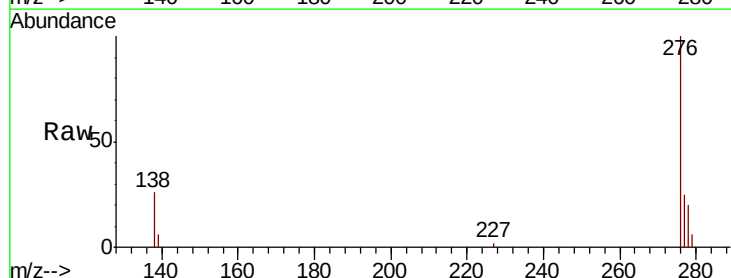
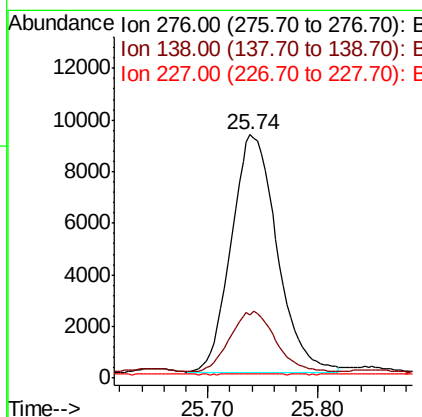
Tgt Ion: 276 Resp: 26883

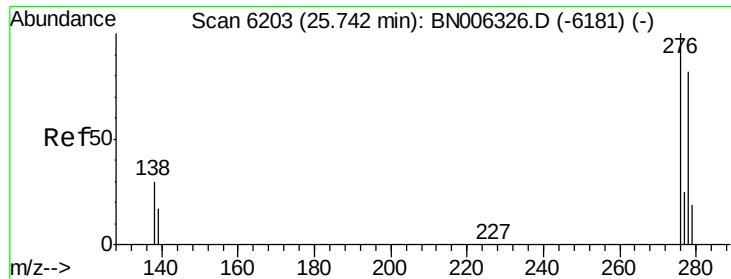
Ion Ratio Lower Upper

276 100

138 2.0 25.6 38.4#

227 0.0 0.3 0.5#





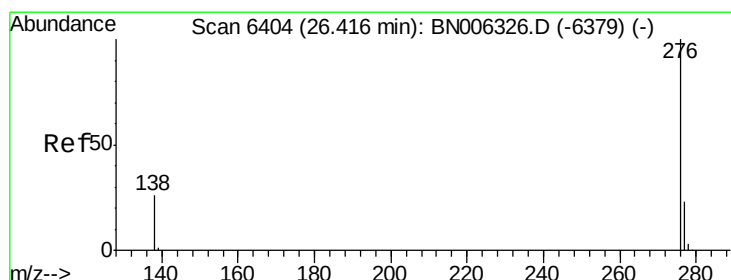
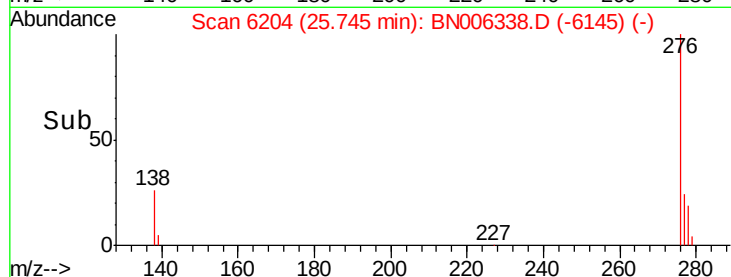
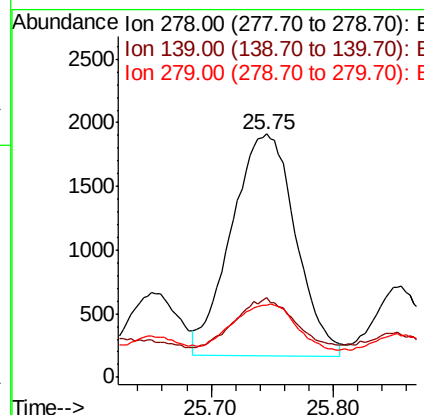
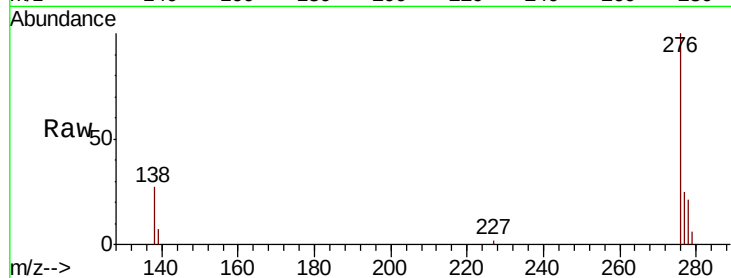
#25
Dibenzo(a,h)anthracene
Concen: 0.183 ng/ul m
RT: 25.75 min Scan# 6204
Delta R.T. -0.00 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Instrument :
BNA_N
ClientSampleId :
A41W1

Tgt Ion:278 Resp: 6346
Ion Ratio Lower Upper
278 100
139 32.6 21.2 31.8#
279 29.8 22.6 33.8

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#26
Benzo(g,h,i)perylene
Concen: 0.605 ng/ul m
RT: 26.43 min Scan# 6407
Delta R.T. 0.00 min
Lab File: BN006338.D
Acq: 14 Jun 2019 16:15

Tgt Ion:276 Resp: 22001
Ion Ratio Lower Upper
276 100
138 27.9 24.2 36.4
277 24.9 21.5 32.3

