

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006283.D
 Acq On : 12 Jun 2019 16:43
 Operator : JU/SJ
 Sample : K3083-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F6

Manual Integrations
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Quant Time: Jun 13 01:34:49 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 : Wed Jun 12 17:24:11 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.64	152	5373	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21190	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.29	164	12121	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	33778m	0.40	ng/ul	0.00
16) Chrysene-d12	21.29	240	12368m	0.40	ng/ul	0.00
20) Perylene-d12	23.55	264	14334m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	7067	0.22	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	12485m	0.14	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.47	128	175356	2.999	ng/ul	99
5) 2-Methylnaphthalene	12.09	142	62028	1.522	ng/ul	99
7) Acenaphthylene	14.01	152	10609	0.157	ng/ul#	88
8) Acenaphthene	14.36	153	266319	5.698	ng/ul	99
9) Fluorene	15.35	166	244444	4.470	ng/ul	99
11) Pentachlorophenol	16.71	266	523m	0.061	ng/ul	
12) Phenanthrene	17.09	178	2587248m	23.861	ng/ul	
13) Anthracene	17.18	178	598836m	5.783	ng/ul	
15) Fluoranthene	19.13	202	2939450m	24.551	ng/ul	
17) Pyrene	19.49	202	2317936	35.580	ng/ul	98
18) Benzo(a)anthracene	21.28	228	1130385m	20.664	ng/ul	
19) Chrysene	21.33	228	1041256	20.277	ng/ul	98
21) Benzo(b)fluoranthene	22.88	252	1202463m	20.118	ng/ul	
22) Benzo(k)fluoranthene	22.93	252	474046m	8.143	ng/ul	
23) Benzo(a)pyrene	23.46	252	856721m	15.390	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.80	276	561178m	9.314	ng/ul	
25) Dibenzo(a,h)anthracene	25.81	278	145984m	3.031	ng/ul	
26) Benzo(g,h,i)perylene	26.49	276	510485m	10.116	ng/ul	

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

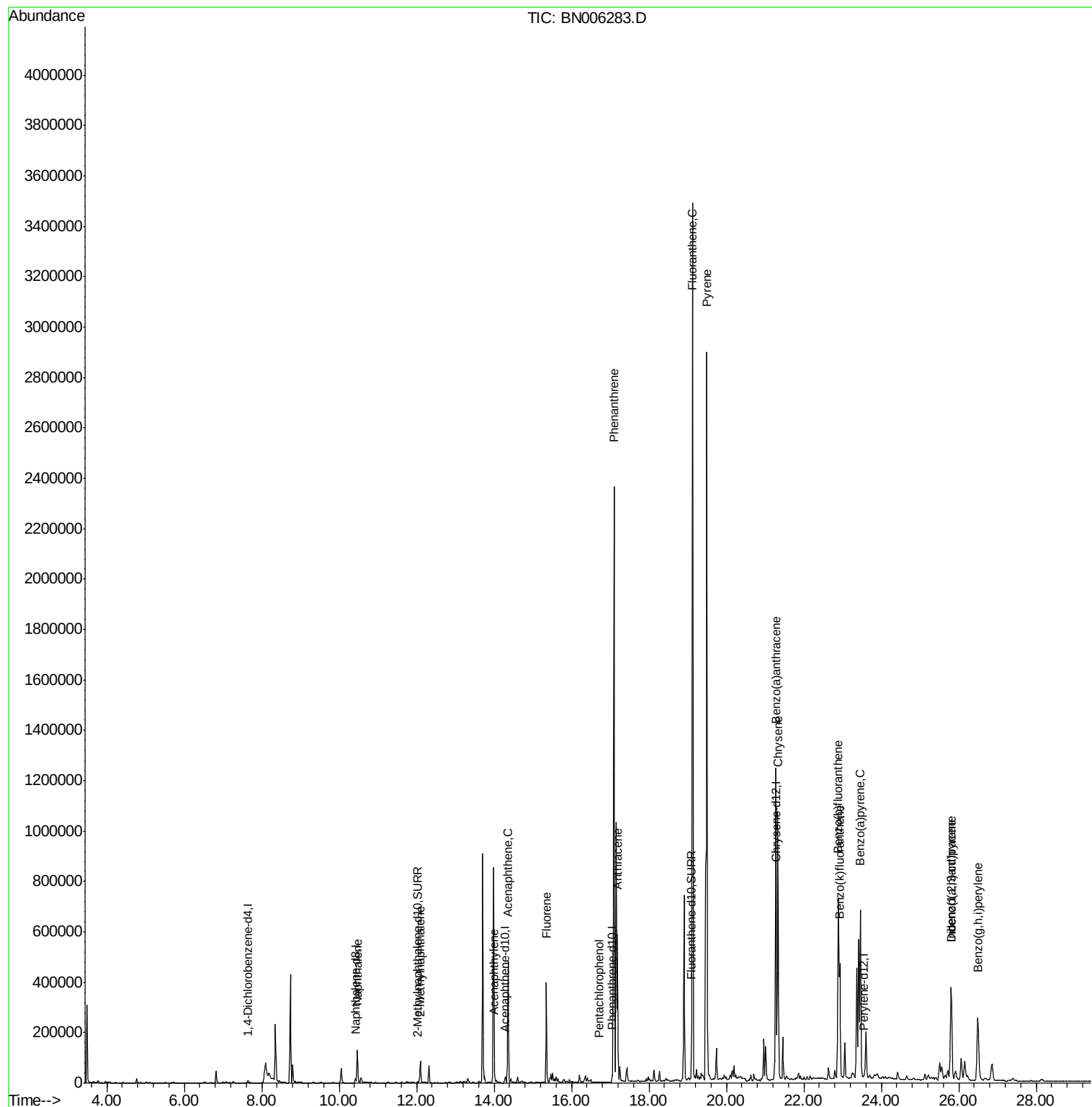
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
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ALS Vial : 11 Sample Multiplier: 1

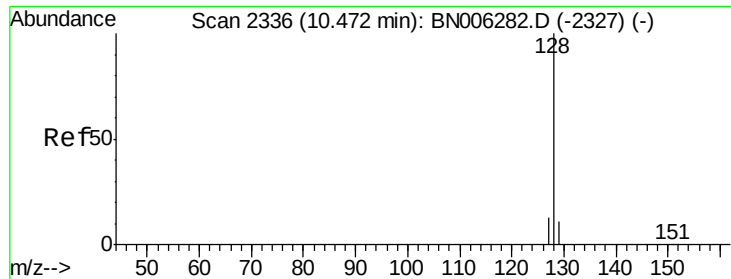
Instrument :
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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#3

Naphthalene

Concen: 2.999 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

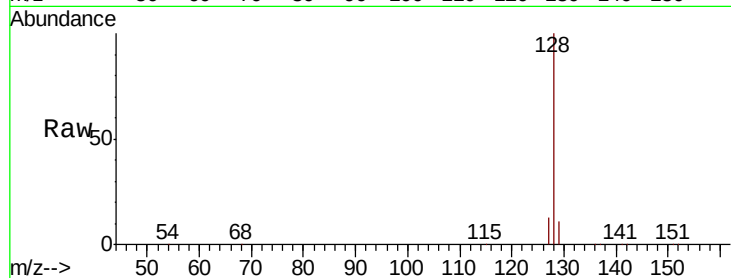
ClientSampleId :

A51F6

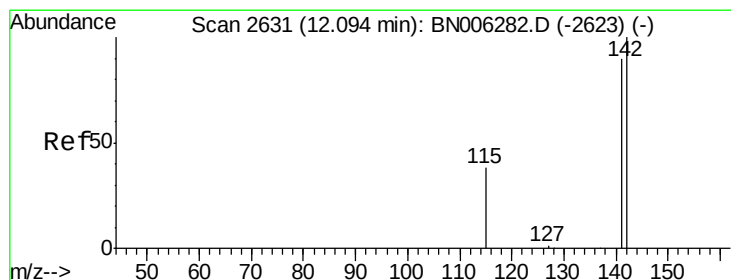
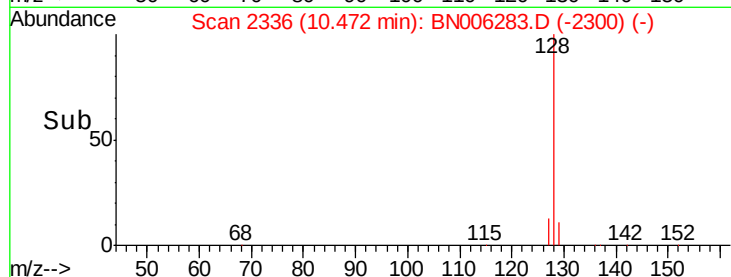
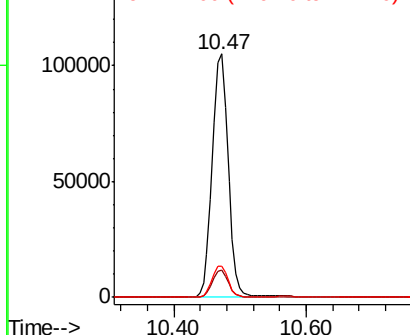
Tot Ion:	128	Resp:	175356
Ion	Ratio	Lower	Upper
128	100		
129	11.0	9.3	13.9
127	13.0	10.7	16.1

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Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#5

2-Methylnaphthalene

Concen: 1.522 ng/ul

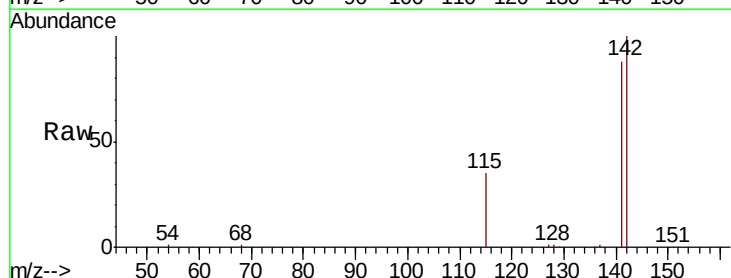
RT: 12.09 min Scan# 2631

Delta R.T. -0.00 min

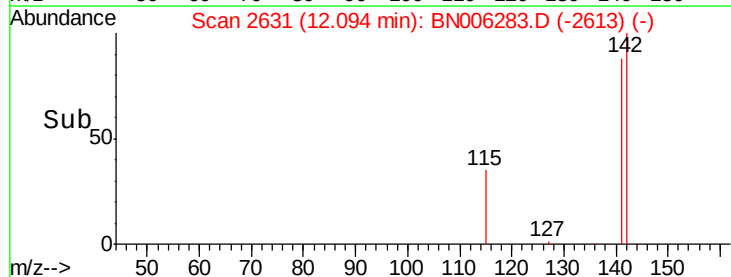
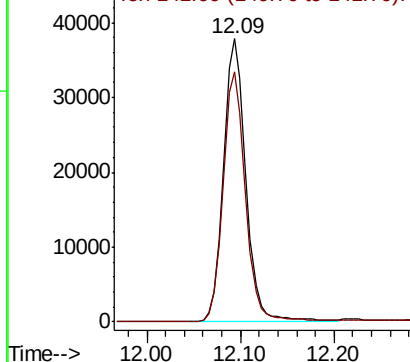
Lab File: BN006283.D

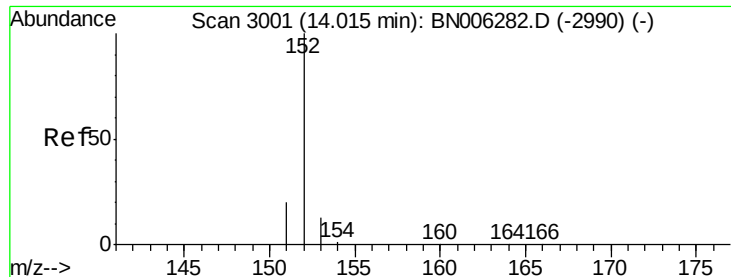
Acq: 12 Jun 2019 16:43

Tgt Ion:	142	Resp:	62028
Ion	Ratio	Lower	Upper
142	100		
141	88.8	70.3	105.5



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.157 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

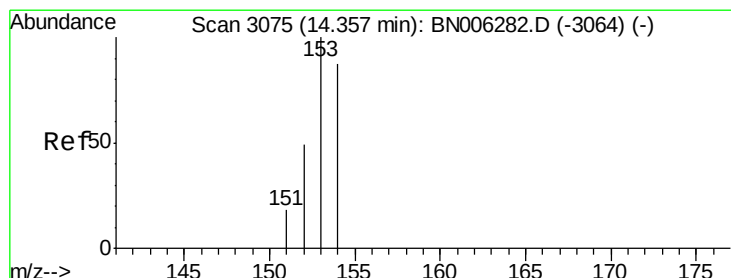
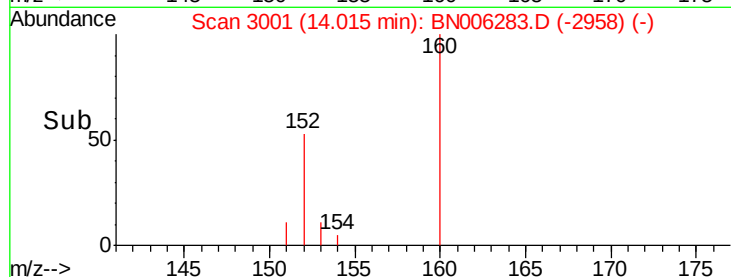
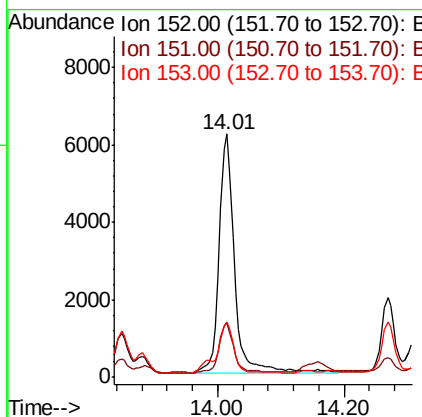
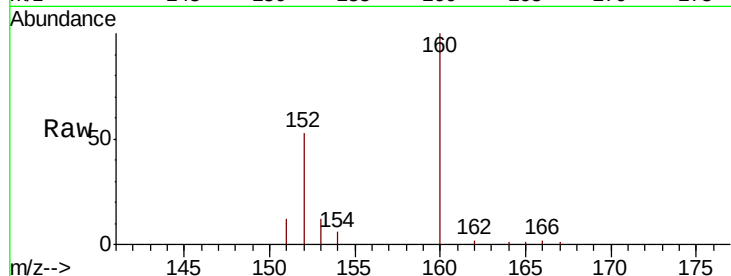
ClientSampleId :

A51F6

Tot Ion:	152	Resp:	10609
Ion Ratio	Lower	Upper	
152	100		
151	22.1	15.8	23.8
153	22.6	10.8	16.2

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#8

Acenaphthene

Concen: 5.698 ng/ul

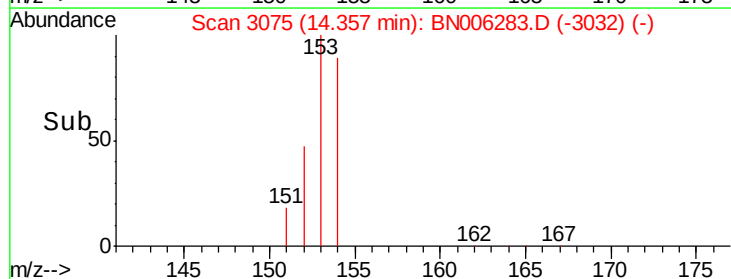
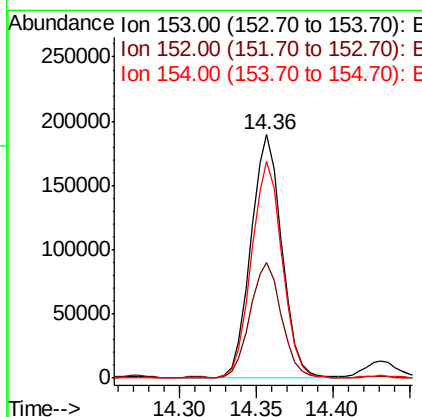
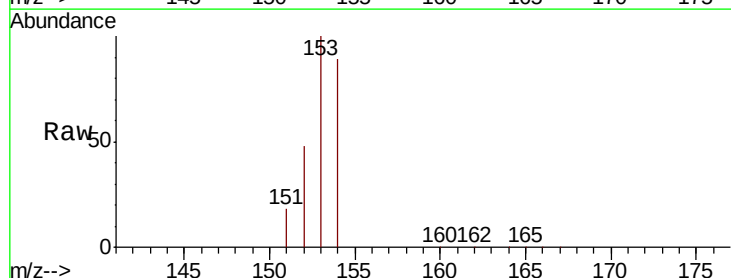
RT: 14.36 min Scan# 3075

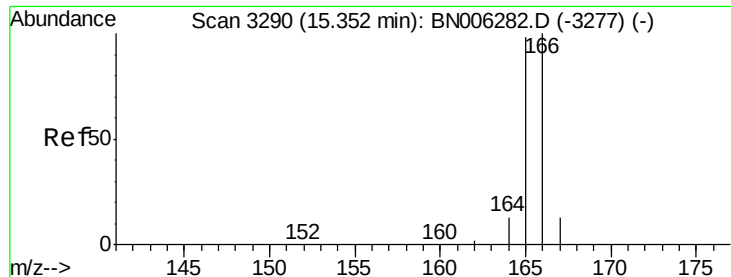
Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Tgt Ion:	153	Resp:	266319
Ion Ratio	Lower	Upper	
153	100		
152	47.6	39.1	58.7
154	89.2	71.1	106.7





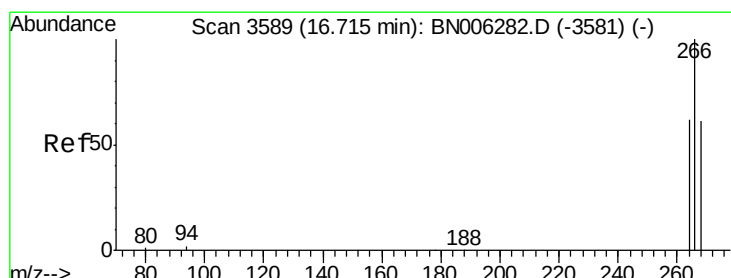
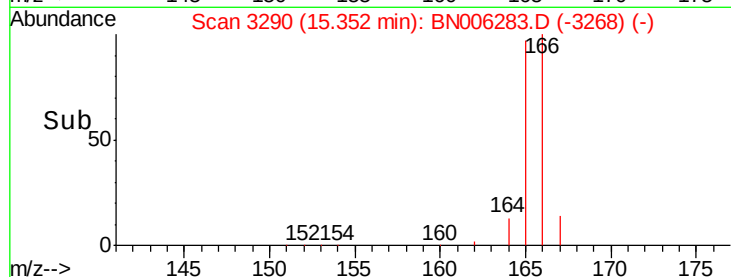
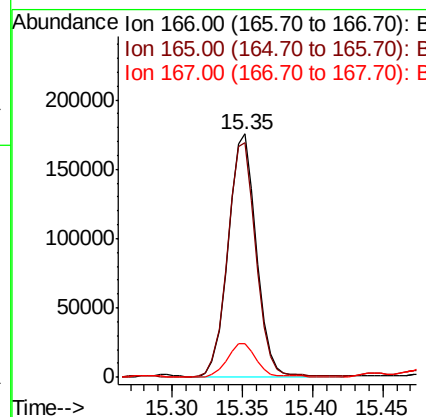
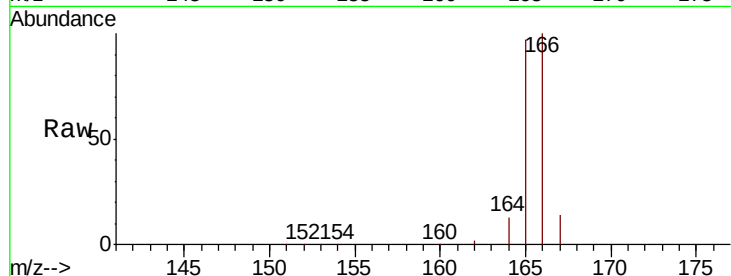
#9
Fluorene
 Concen: 4.470 ng/ul
 RT: 15.35 min Scan# 3290
 Delta R.T. -0.00 min
 Lab File: BN006283.D
 Acq: 12 Jun 2019 16:43

Instrument :
 BNA_N
 ClientSampleId :
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Tot Ion	Ion	Ratio	Resp	Lower	Upper
166	100		244444		
165	96.6	76.4	114.6		
167	14.1	11.0	16.6		

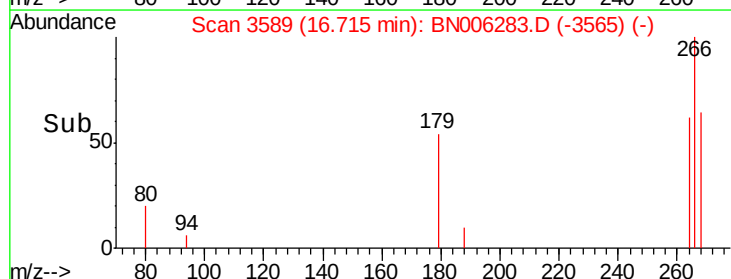
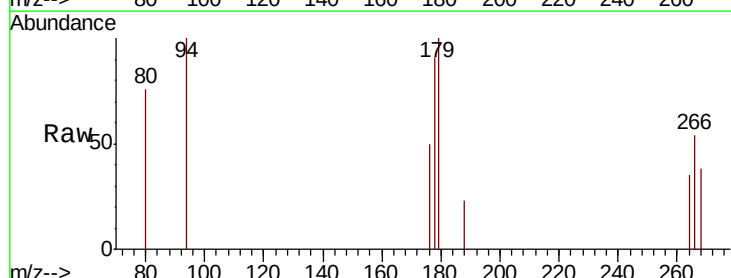
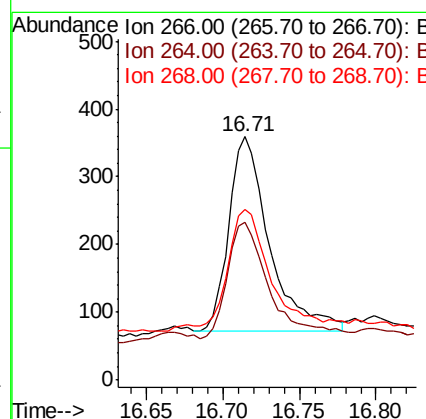
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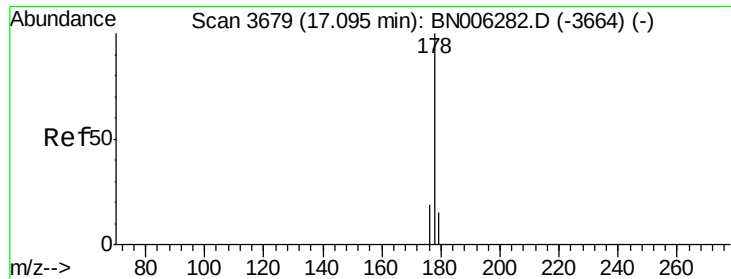
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#11
Pentachlorophenol
 Concen: 0.061 ng/ul m
 RT: 16.71 min Scan# 3589
 Delta R.T. -0.00 min
 Lab File: BN006283.D
 Acq: 12 Jun 2019 16:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
266	100		523		
264	6.1	50.3	75.5#		
268	3.6	51.3	76.9#		





#12

Phenanthrene

Concen: 23.861 ng/ul m

RT: 17.09 min Scan# 3679

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

ClientSampleId :

A51F6

Tot Ion:178 Resp: 2587248

Ion Ratio Lower Upper

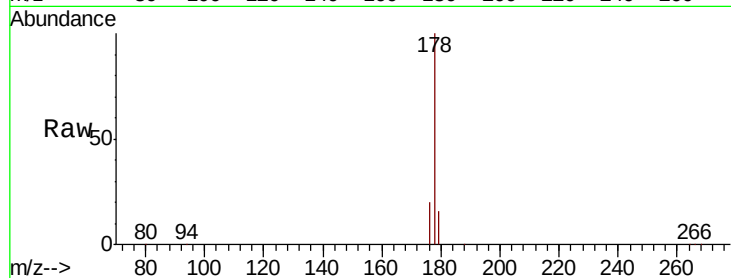
178 100

179 15.8 12.3 18.5

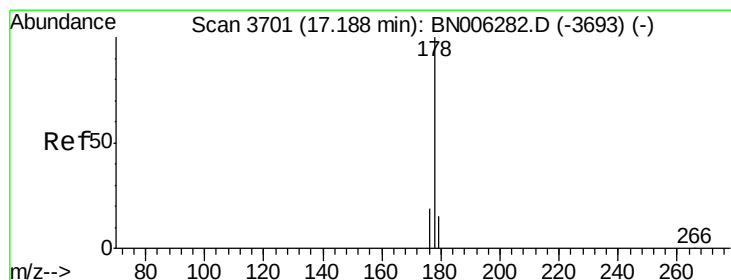
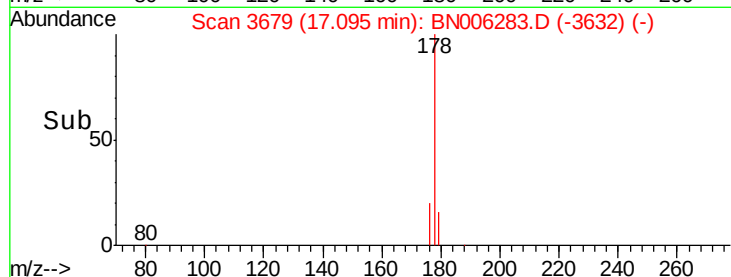
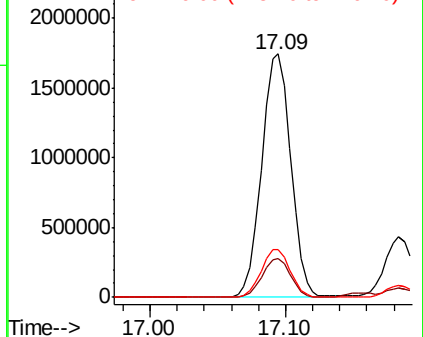
176 19.7 15.3 22.9

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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: 5.783 ng/ul m

RT: 17.18 min Scan# 3700

Delta R.T. -0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

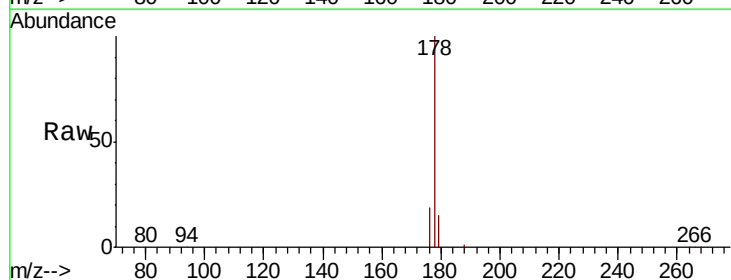
Tgt Ion:178 Resp: 598836

Ion Ratio Lower Upper

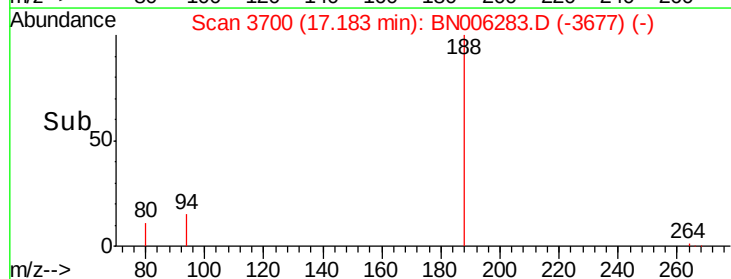
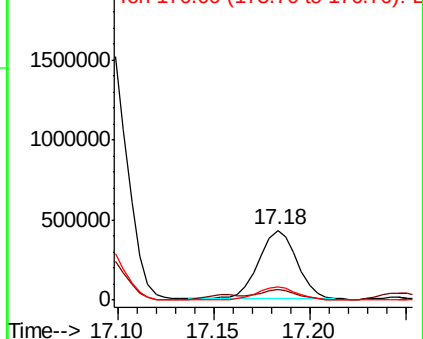
178 100

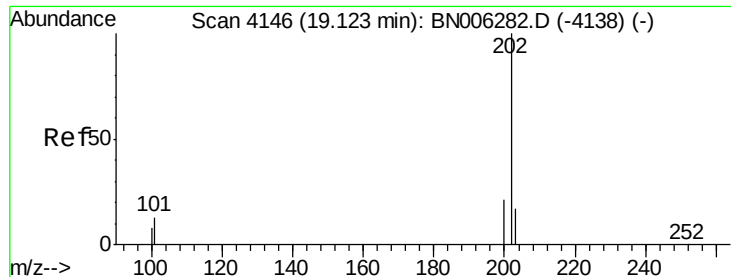
179 15.5 12.2 18.4

176 18.8 15.1 22.7



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





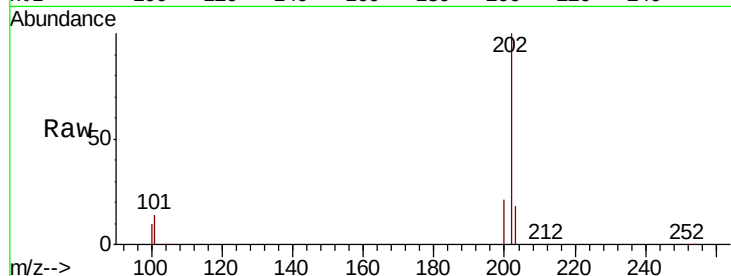
#15
Fluoranthene
Concen: 24.551 ng/ul m
RT: 19.13 min Scan# 4147
Delta R.T. 0.00 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Instrument :
BNA_N
ClientSampleId :
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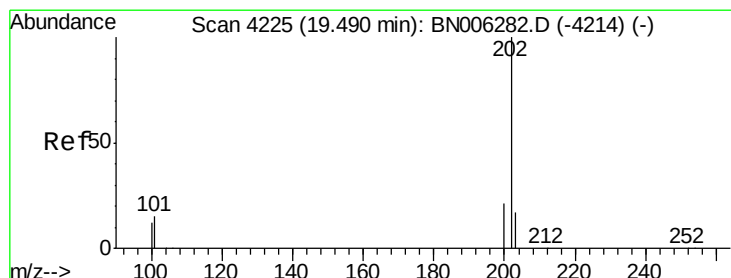
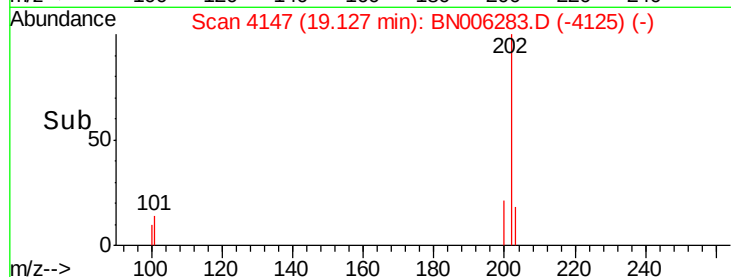
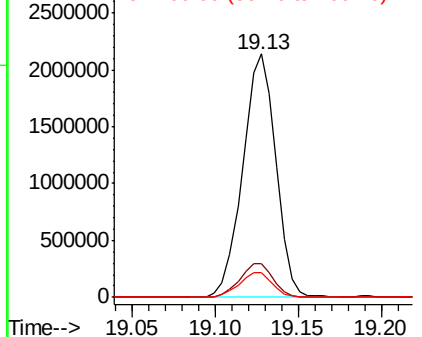
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.7	0.0	32.1
100	10.0	0.0	28.7

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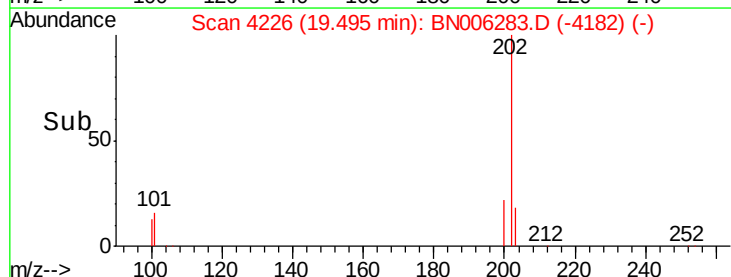
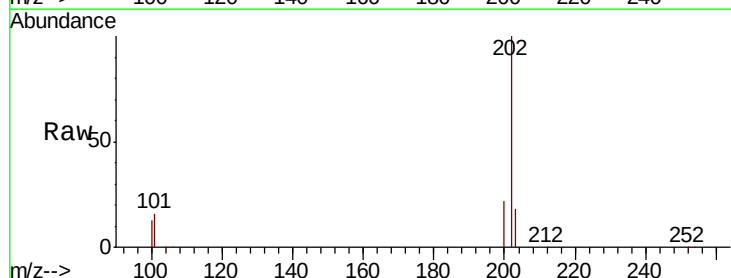
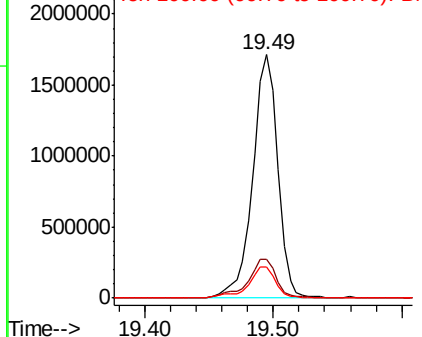
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

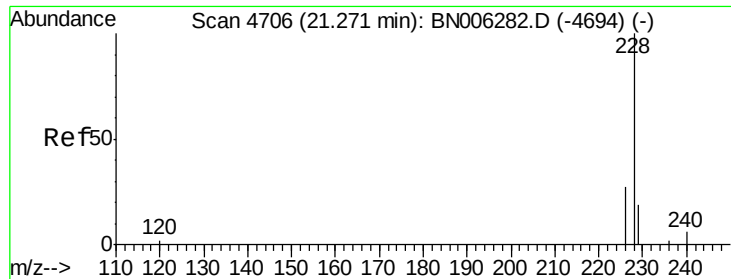


#17
Pyrene
Concen: 35.580 ng/ul
RT: 19.49 min Scan# 4226
Delta R.T. 0.00 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.1	12.2	18.2
100	12.6	9.8	14.6

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: 20.664 ng/ul m

RT: 21.28 min Scan# 4708

Delta R.T. 0.01 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

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Tot Ion:228 Resp: 1130385

Ion Ratio Lower Upper

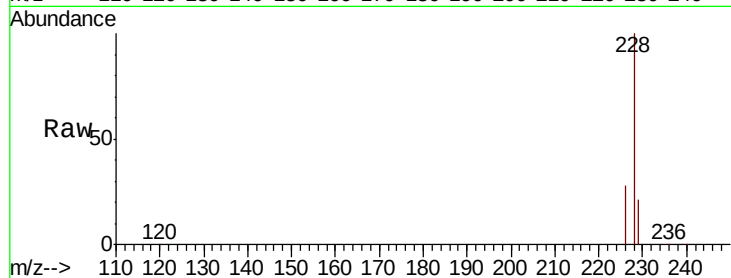
228 100

229 20.7 16.5 24.7

226 28.1 22.8 34.2

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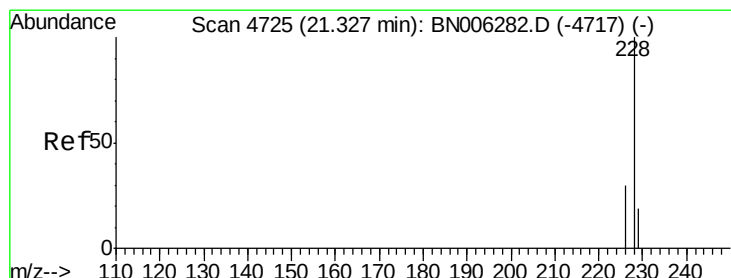
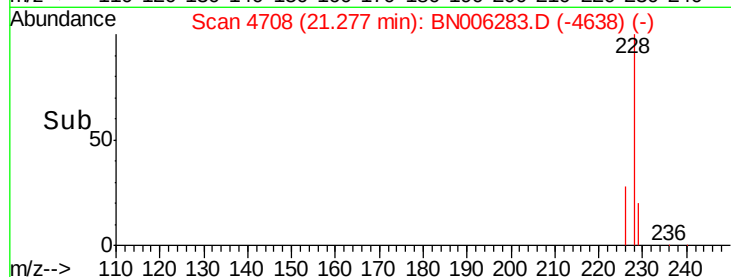
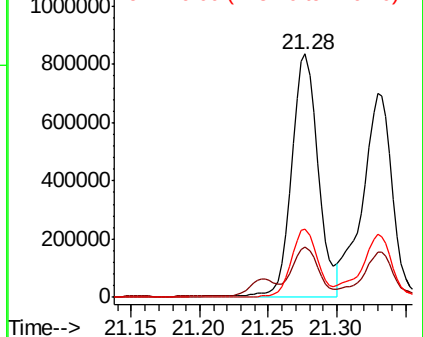


Abundance

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: 20.277 ng/ul

RT: 21.33 min Scan# 4726

Delta R.T. 0.00 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Tgt Ion:228 Resp: 1041256

Ion Ratio Lower Upper

228 100

226 30.8 25.0 37.6

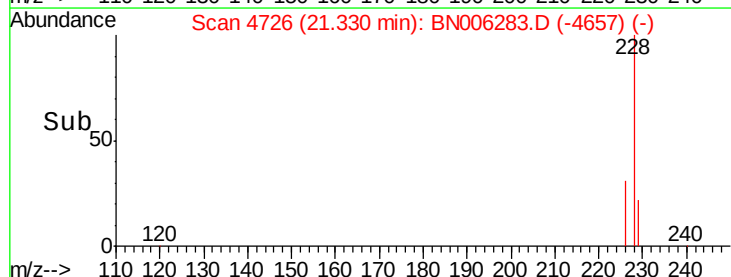
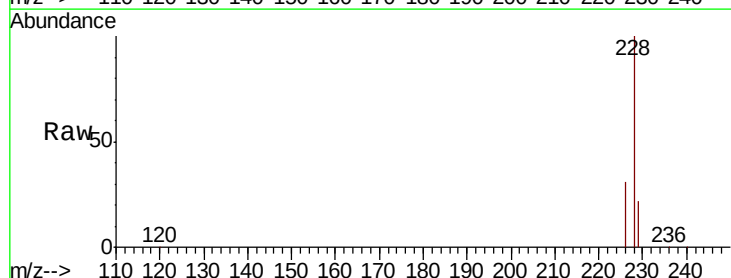
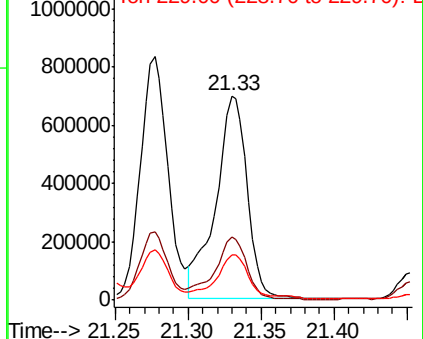
229 22.3 16.3 24.5

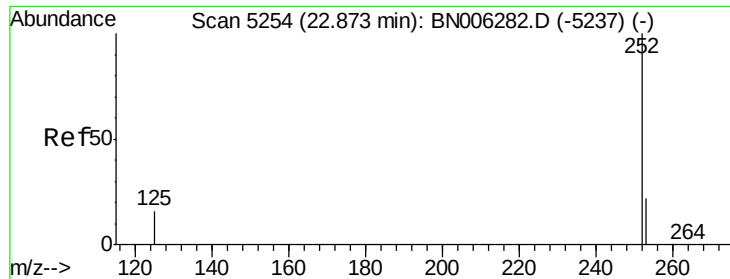
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 20.118 ng/ul m

RT: 22.88 min Scan# 5258

Delta R.T. 0.01 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

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Tot Ion:252 Resp: 1202463

Ion Ratio Lower Upper

252 100

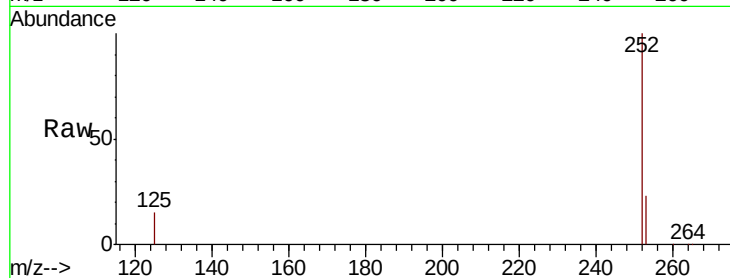
253 23.0 0.0 51.4

125 14.6 0.0 41.0

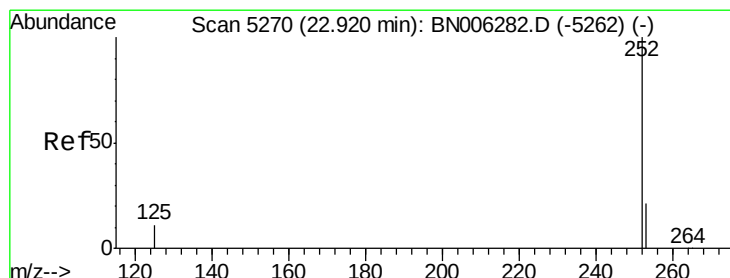
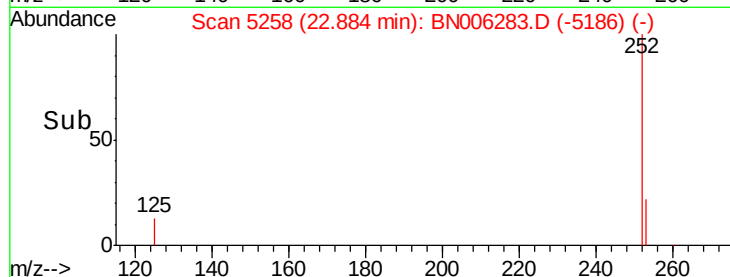
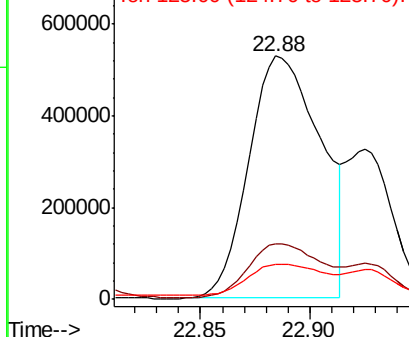
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Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#22

Benzo(k)fluoranthene

Concen: 8.143 ng/ul m

RT: 22.93 min Scan# 5272

Delta R.T. 0.01 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Tgt Ion:252 Resp: 474046

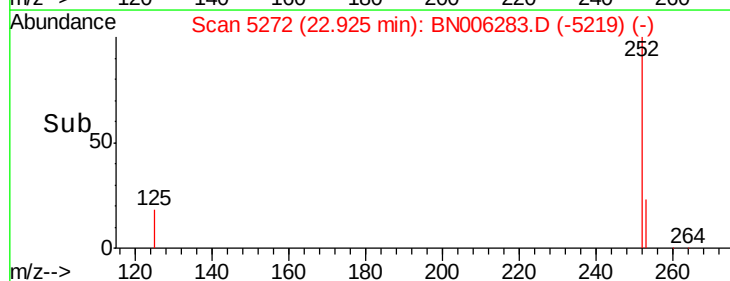
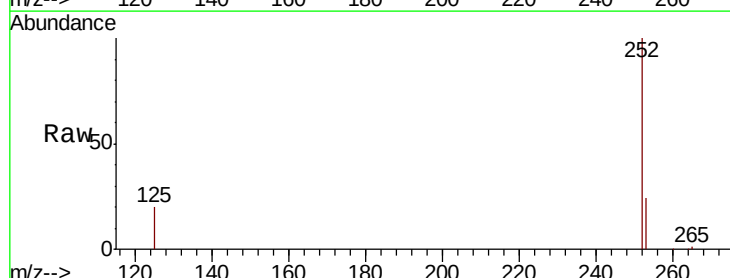
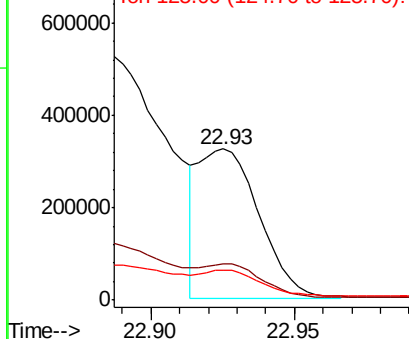
Ion Ratio Lower Upper

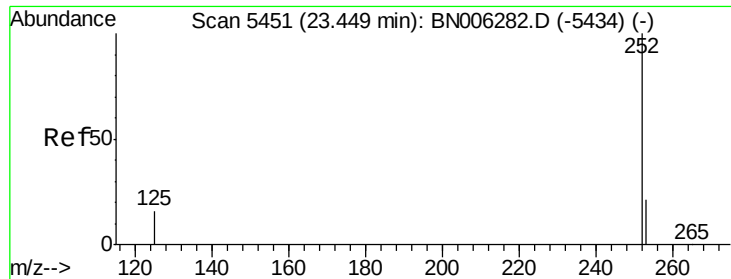
252 100

253 24.0 20.3 30.5

125 20.1 14.3 21.5

Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 15.390 ng/ul m

RT: 23.46 min Scan# 5455

Delta R.T. 0.01 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

Instrument :

BNA_N

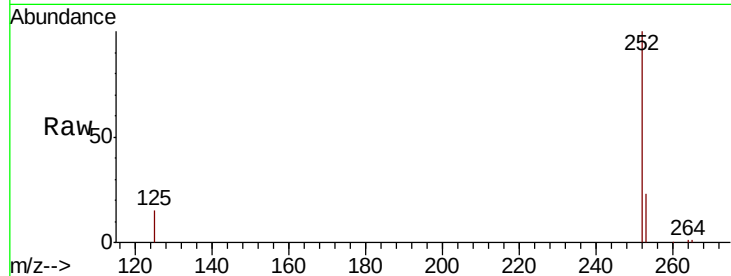
ClientSampleId :

A51F6

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.3	21.1	31.7
125	14.5	20.3	30.5

Manual Integrations
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mohammad
6/14/2019 8:33:52 AM

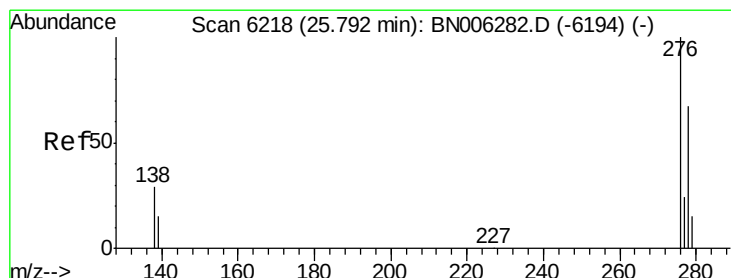
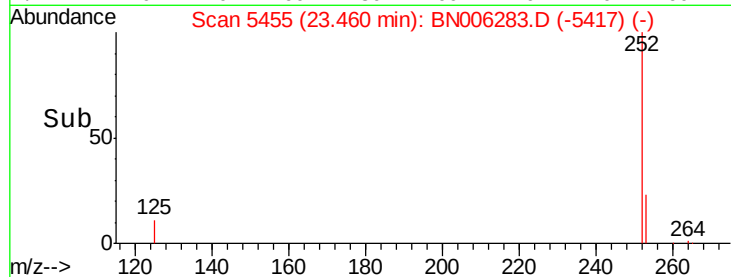
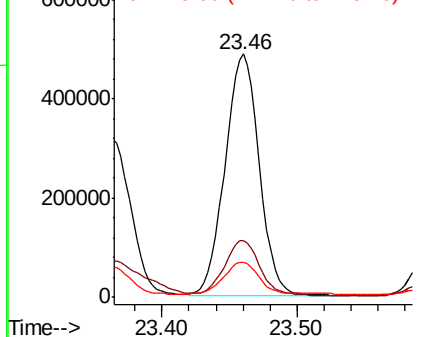


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#24

Indeno(1,2,3-cd)pyrene

Concen: 9.314 ng/ul m

RT: 25.80 min Scan# 6221

Delta R.T. 0.01 min

Lab File: BN006283.D

Acq: 12 Jun 2019 16:43

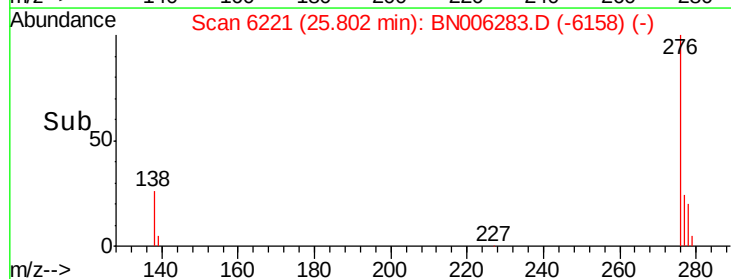
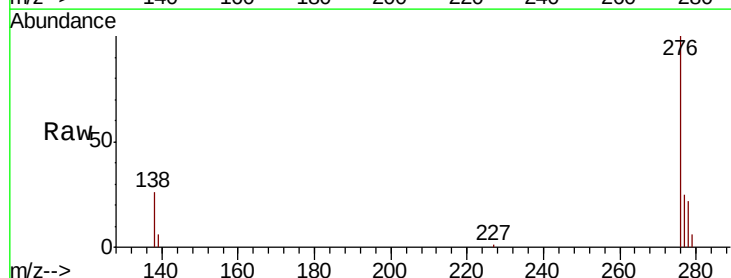
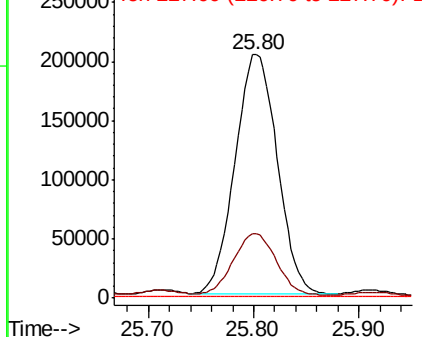
Tgt Ion	Ratio	Lower	Upper
276	100		
138	3.3	25.6	38.4
227	0.0	0.3	0.5

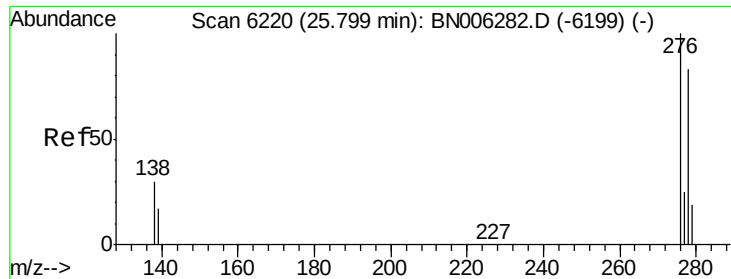
Abundance

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





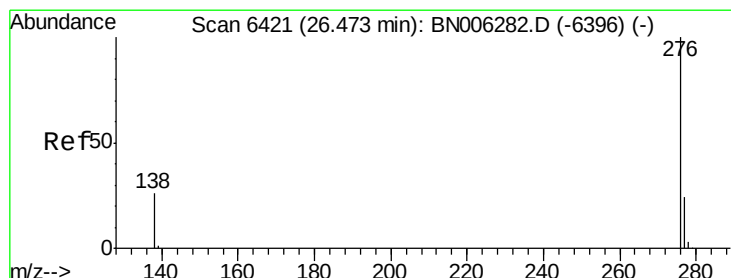
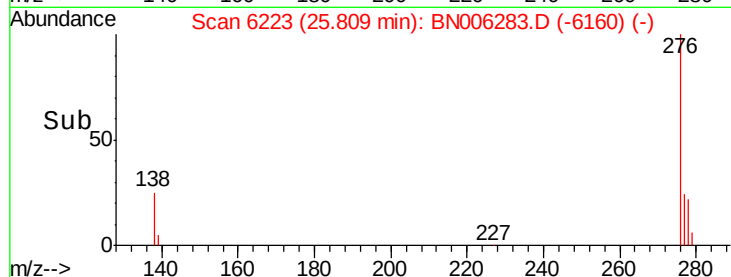
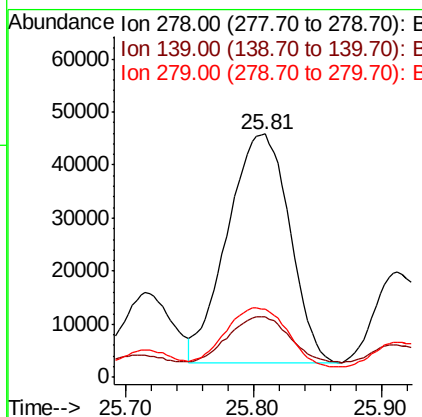
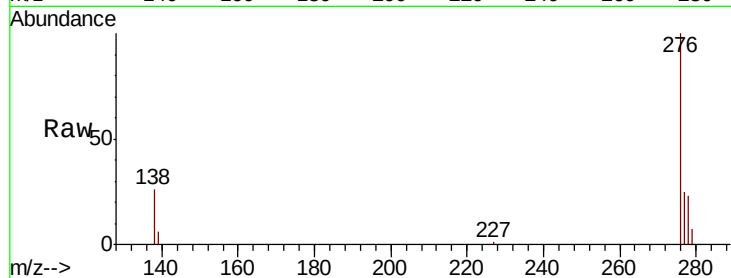
#25
Dibenzo(a,h)anthracene
Concen: 3.031 ng/ul m
RT: 25.81 min Scan# 6223
Delta R.T. 0.01 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Instrument :
BNA_N
ClientSampleId :
A51F6

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.8	21.2	31.8
279	28.0	22.6	33.8

Manual Integrations
APPROVED

mohammad
6/14/2019 8:33:52 AM



#26
Benzo(g,h,i)perylene
Concen: 10.116 ng/ul m
RT: 26.49 min Scan# 6426
Delta R.T. 0.02 min
Lab File: BN006283.D
Acq: 12 Jun 2019 16:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	26.8	24.2	36.4
277	24.4	21.5	32.3

