

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
 Data File : BN006276.D
 Acq On : 12 Jun 2019 11:55
 Operator : JU/SJ
 Sample : K3083-04DL 2X
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A51F7DL

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Quant Time: Jun 12 14:45:13 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	7.64	152	5533	0.40	ng/ul	0.00
2) Naphthalene-d8	10.42	136	21860	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.30	164	11126	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.05	188	21113	0.40	ng/ul	0.00
16) Chrysene-d12	21.27	240	13306	0.40	ng/ul	0.00
20) Perylene-d12	23.50	264	18051	0.40	ng/ul	0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.02	152	2957	0.09	ng/ul	0.00
14) Fluoranthene-d10	19.09	212	4945	0.09	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.47	128	3562	0.059	ng/ul#	94
5) 2-Methylnaphthalene	12.10	142	1370	0.033	ng/ul	97
7) Acenaphthylene	14.01	152	1412	0.023	ng/ul#	86
8) Acenaphthene	14.36	153	7115	0.166	ng/ul	99
9) Fluorene	15.35	166	5228	0.104	ng/ul	98
12) Phenanthrene	17.09	178	66849	0.986	ng/ul	100
13) Anthracene	17.18	178	13884	0.215	ng/ul	97
15) Fluoranthene	19.12	202	102090	1.364	ng/ul	97
17) Pyrene	19.49	202	82654	1.179	ng/ul	99
18) Benzo(a)anthracene	21.25	228	33287	0.566	ng/ul	99
19) Chrysene	21.30	228	39895	0.722	ng/ul	98
21) Benzo(b)fluoranthene	22.83	252	48631m	0.646	ng/ul	
22) Benzo(k)fluoranthene	22.88	252	21255m	0.290	ng/ul	
23) Benzo(a)pyrene	23.40	252	31506	0.449	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.74	276	23325	0.307	ng/ul#	86
25) Dibenzo(a,h)anthracene	25.74	278	5531	0.091	ng/ul#	79
26) Benzo(a,h,i)perylene	26.42	276	20066	0.316	ng/ul	98

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

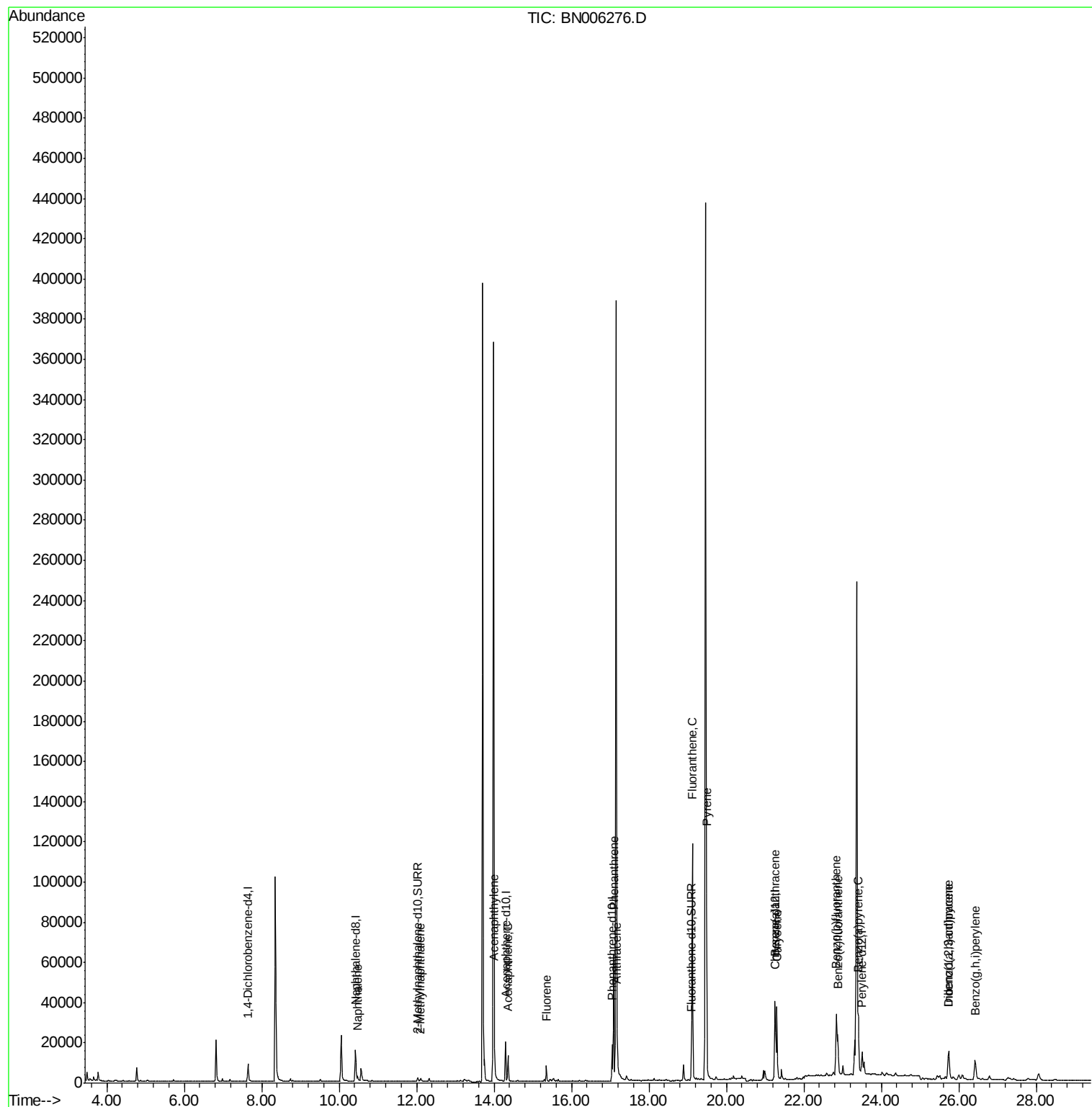
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN061219\
Data File : BN006276.D
Acq On : 12 Jun 2019 11:55
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Sample : K3083-04DL 2X
Misc :
ALS Vial : 5 Sample Multiplier: 1

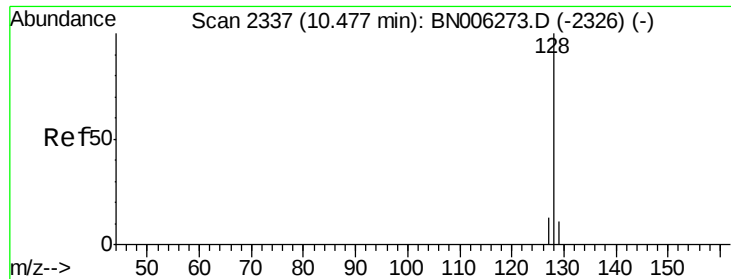
Instrument :
BNA_N
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Quant Time: Jun 12 14:45:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN053019.M
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QLast Update : Sun Jun 09 05:10:30 2019
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#3

Naphthalene

Concen: 0.059 ng/ul

RT: 10.47 min Scan# 2336

Delta R.T. -0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Instrument :

BNA_N

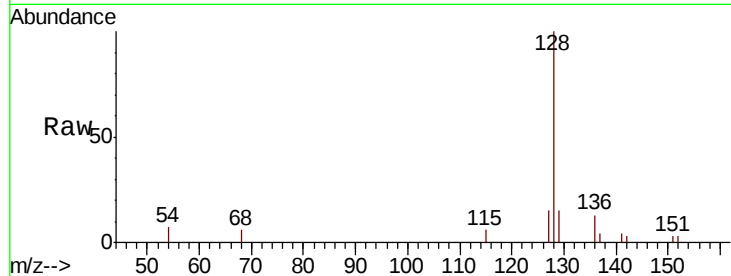
ClientSampled :

A51F7DL

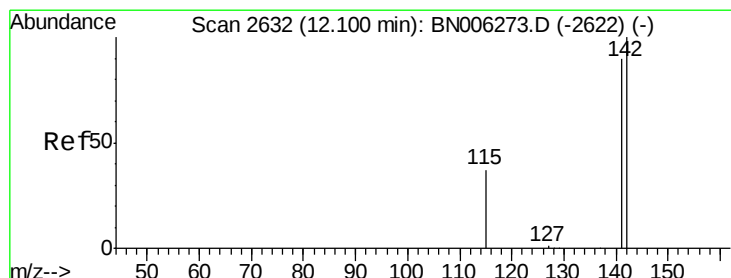
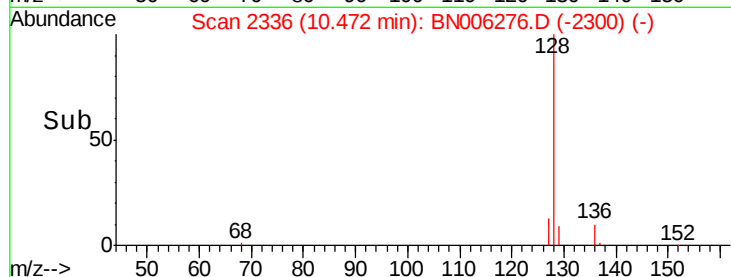
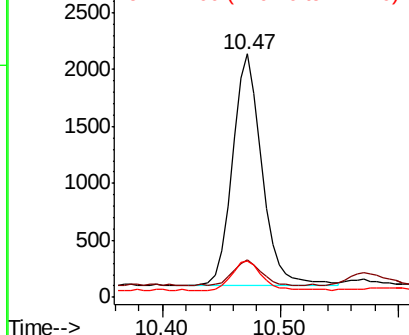
Tot Ion:	128	Resp:	3562
Ion	Ratio	Lower	Upper
128	100		
129	15.3	9.3	13.9#
127	14.8	10.7	16.1

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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: 0.033 ng/ul

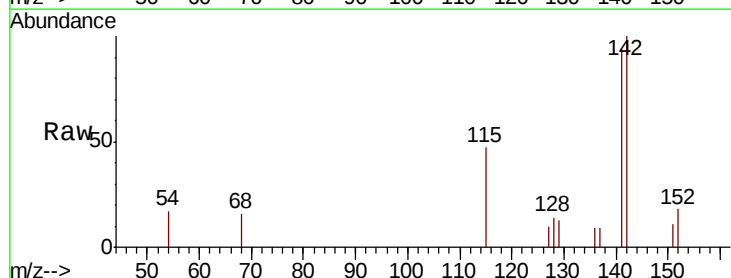
RT: 12.10 min Scan# 2632

Delta R.T. -0.00 min

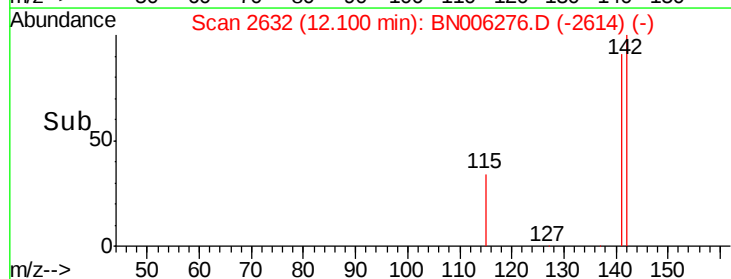
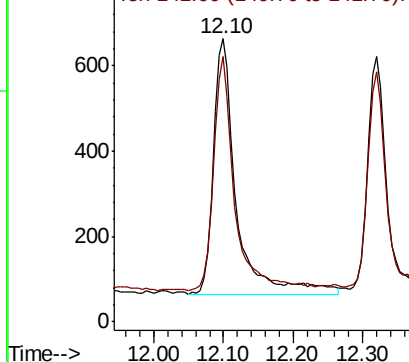
Lab File: BN006276.D

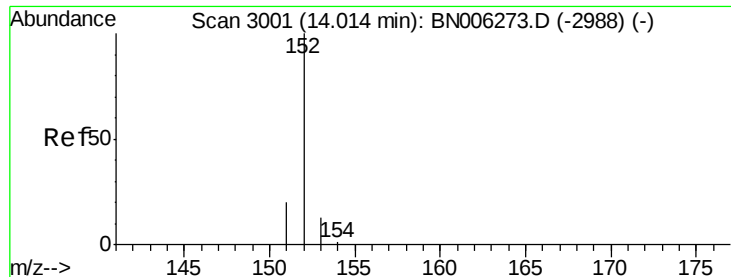
Acq: 12 Jun 2019 11:55

Tgt Ion:	142	Resp:	1370
Ion	Ratio	Lower	Upper
142	100		
141	85.1	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: 0.023 ng/ul

RT: 14.01 min Scan# 3001

Delta R.T. -0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Instrument :

BNA_N

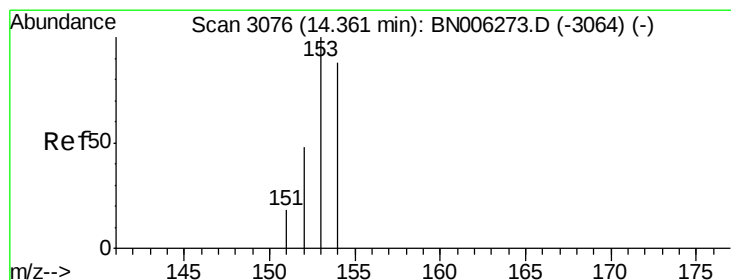
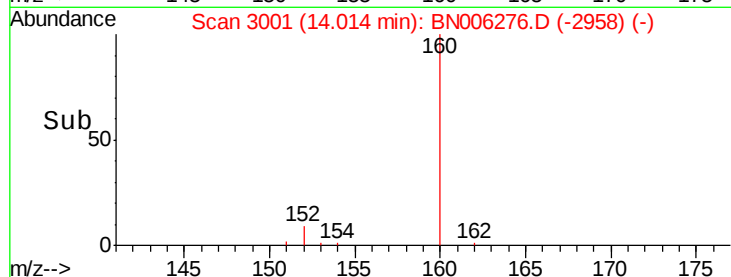
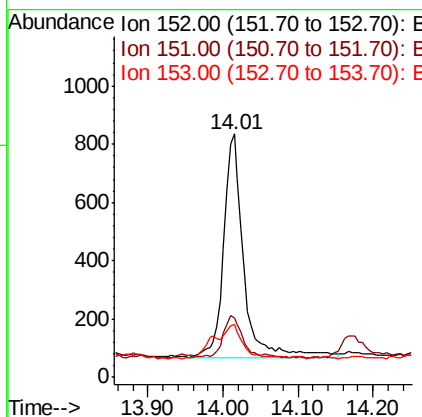
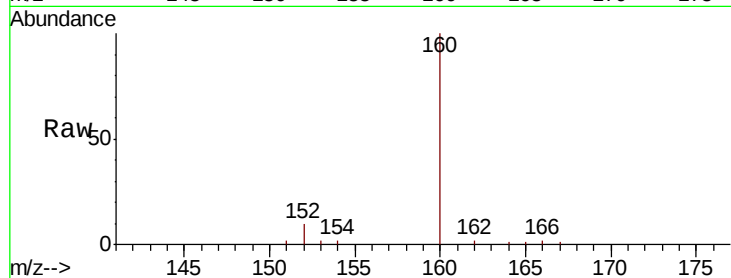
ClientSampleId :

A51F7DL

Tot Ion:	152	Resp:	1412
Ion Ratio	Lower	Upper	
152	100		
151	24.5	15.8	23.8#
153	21.8	10.8	16.2#

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#8

Acenaphthene

Concen: 0.166 ng/ul

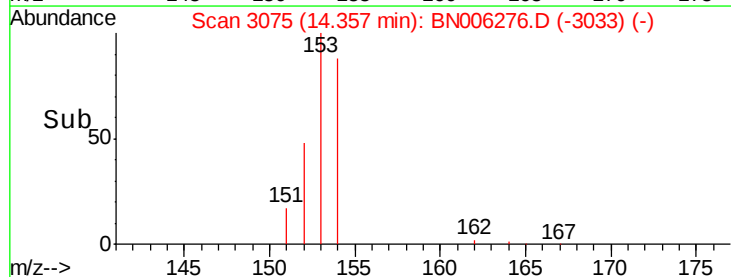
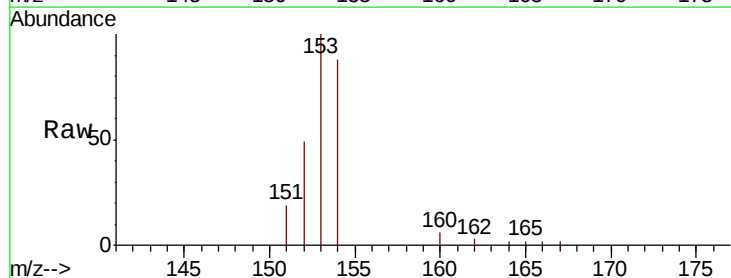
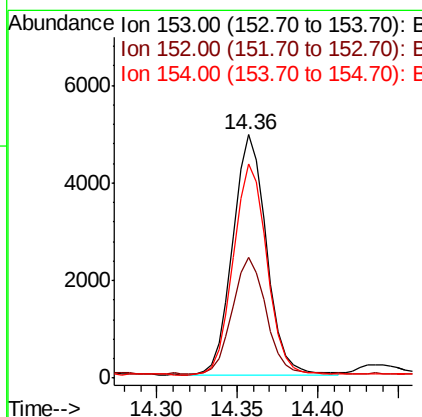
RT: 14.36 min Scan# 3075

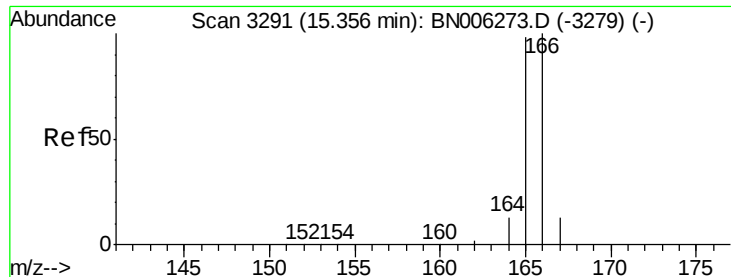
Delta R.T. -0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Tgt Ion:	153	Resp:	7115
Ion Ratio	Lower	Upper	
153	100		
152	49.3	39.1	58.7
154	88.2	71.1	106.7





#9

Fluorene

Concen: 0.104 ng/ul

RT: 15.35 min Scan# 3290

Delta R.T. -0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Instrument :

BNA_N

ClientSampleId :

A51F7DL

Tot Ion:166 Resp: 5228

Ion Ratio Lower Upper

166 100

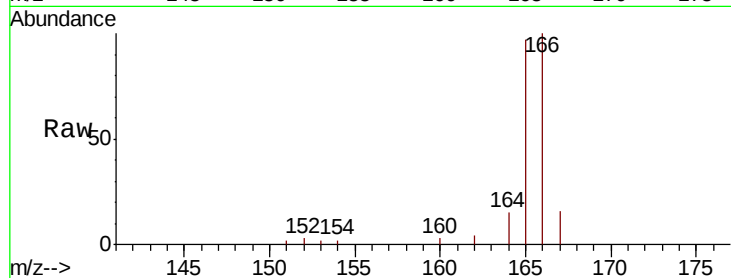
165 96.7 76.4 114.6

167 15.9 11.0 16.6

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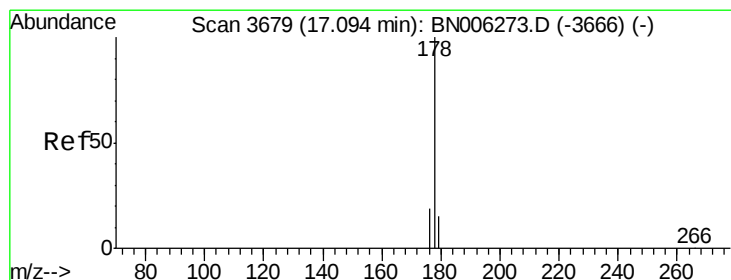
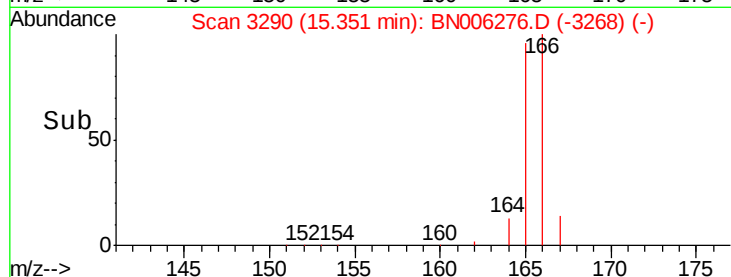
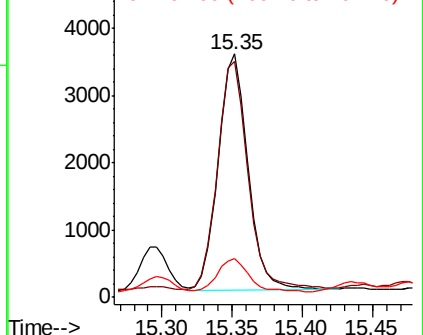


Abundance

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: 0.986 ng/ul

RT: 17.09 min Scan# 3678

Delta R.T. -0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

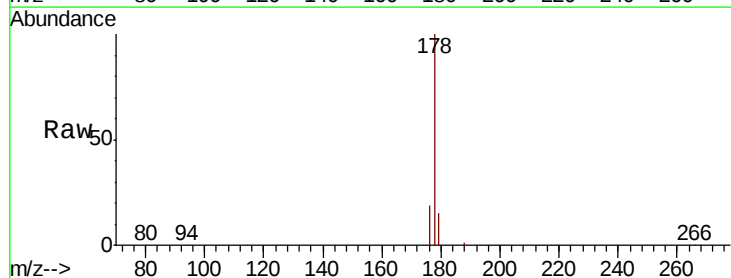
Tgt Ion:178 Resp: 66849

Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 19.3 15.3 22.9

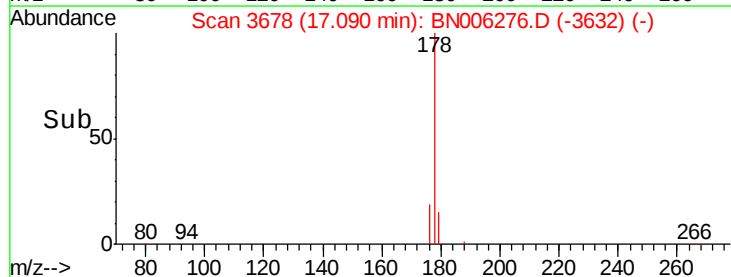
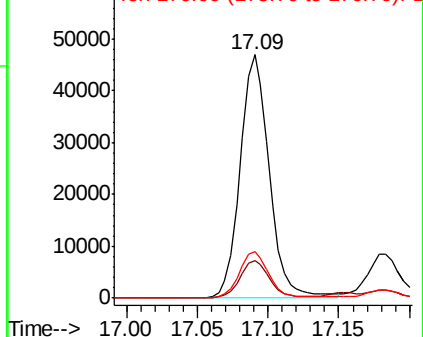


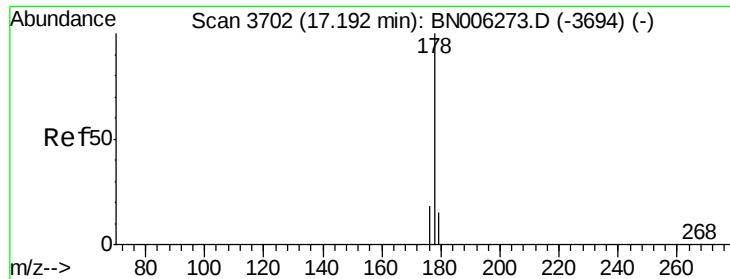
Abundance

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





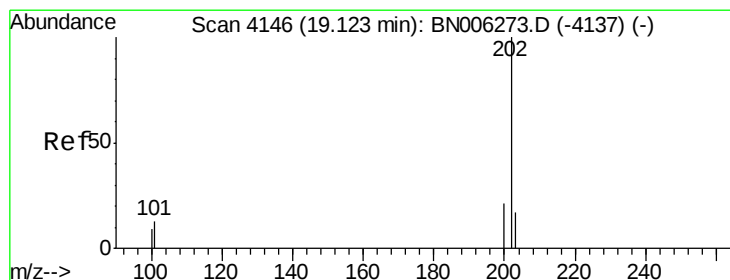
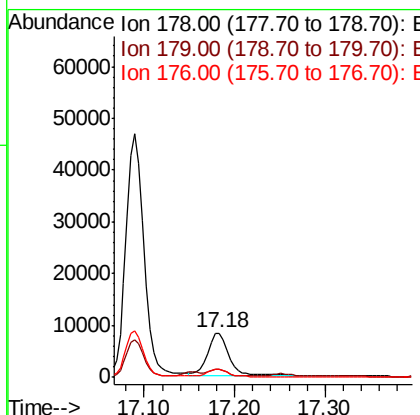
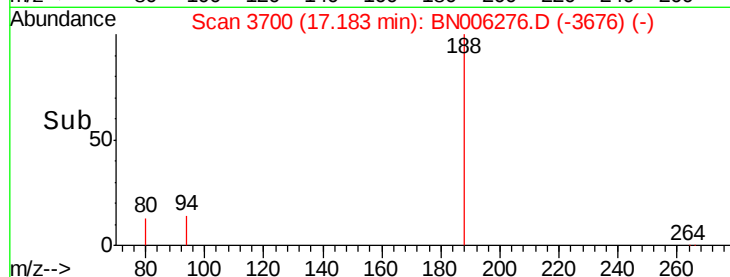
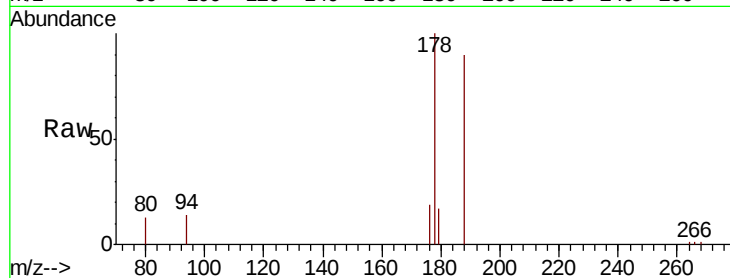
#13
 Anthracene
 Concen: 0.215 ng/ul
 RT: 17.18 min Scan# 3700
 Delta R.T. -0.00 min
 Lab File: BN006276.D
 Acq: 12 Jun 2019 11:55

Instrument :
 BNA_N
 ClientSampleId :
 A51F7DL

Tot Ion	Ratio	Lower	Upper
178	100		
179	17.3	12.2	18.4
176	19.4	15.1	22.7

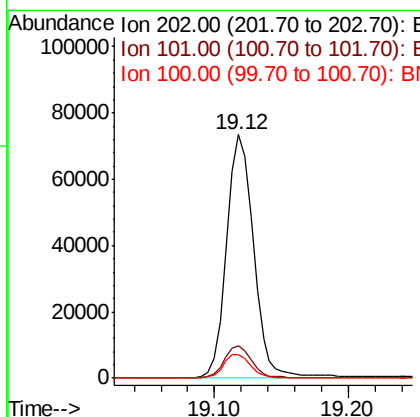
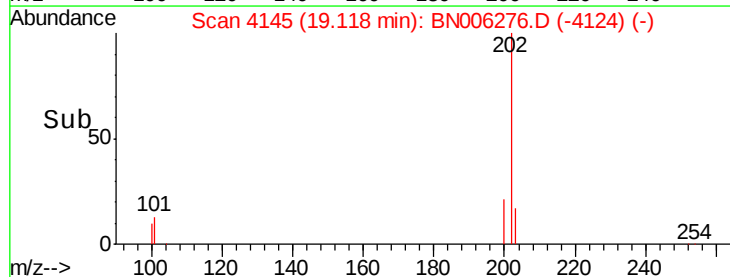
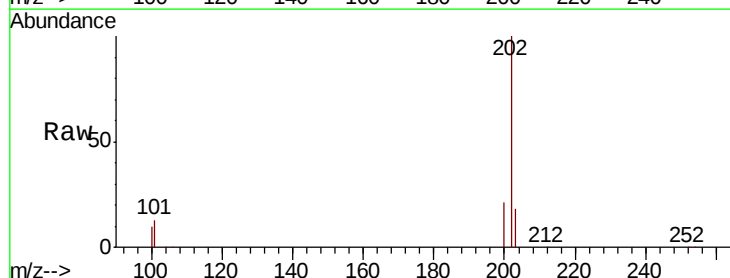
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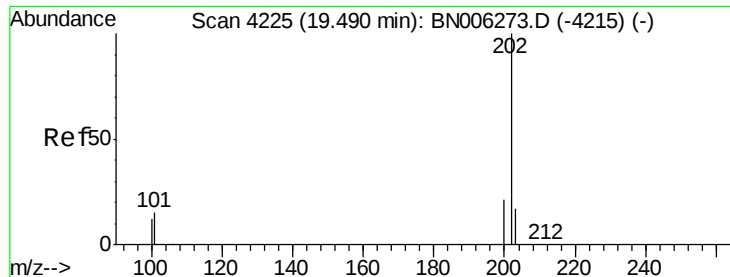
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#15
 Fluoranthene
 Concen: 1.364 ng/ul
 RT: 19.12 min Scan# 4145
 Delta R.T. -0.00 min
 Lab File: BN006276.D
 Acq: 12 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.3	0.0	32.1
100	9.7	0.0	28.7





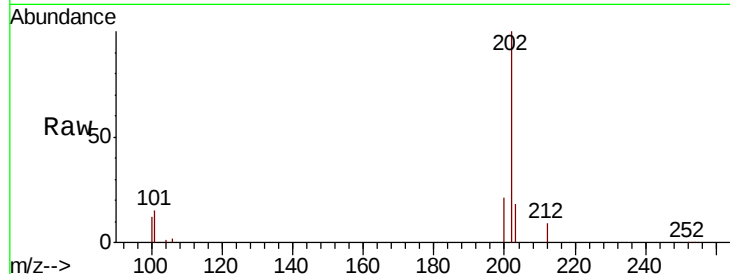
#17
Pvrene
Concen: 1.179 ng/ul
RT: 19.49 min Scan# 4224
Delta R.T. -0.00 min
Lab File: BN006276.D
Acq: 12 Jun 2019 11:55

Instrument :
BNA_N
ClientSampleId :
A51F7DL

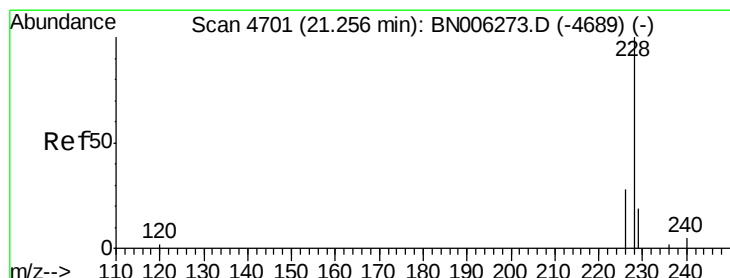
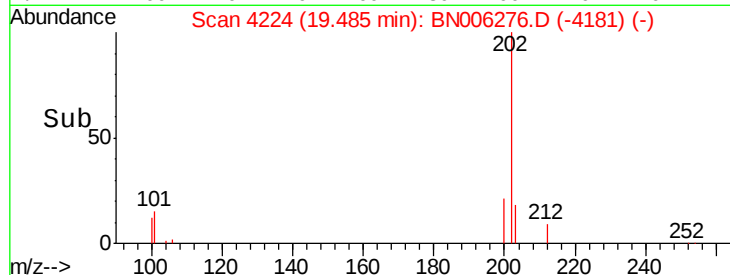
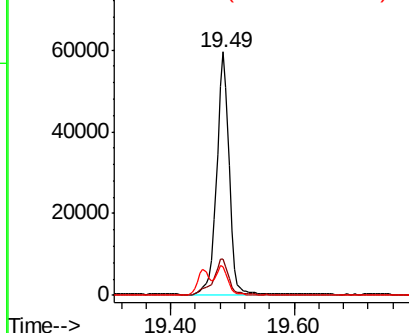
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.8	12.2	18.2
100	11.6	9.8	14.6

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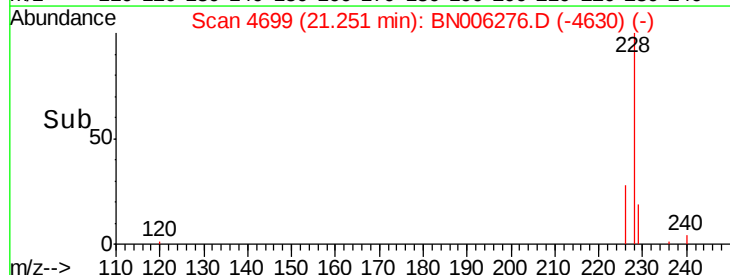
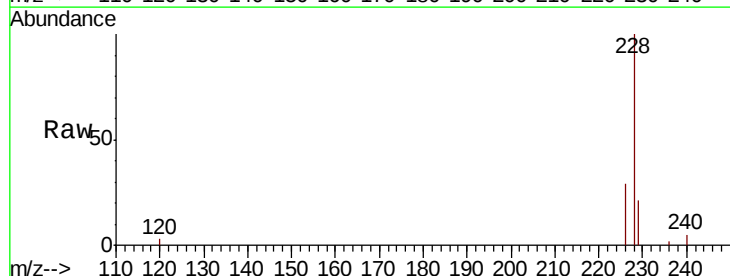
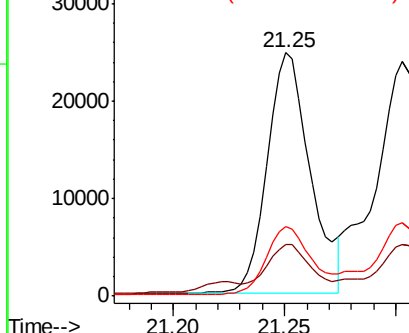
Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

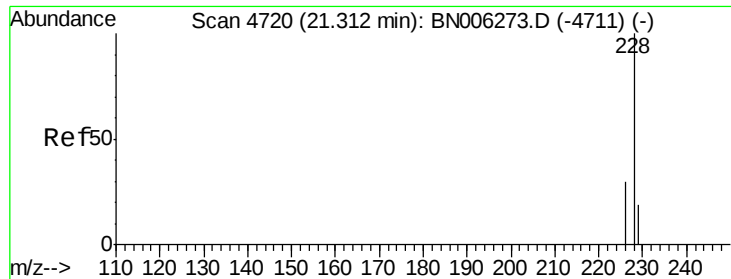


#18
Benzo(a)anthracene
Concen: 0.566 ng/ul
RT: 21.25 min Scan# 4699
Delta R.T. 0.00 min
Lab File: BN006276.D
Acq: 12 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.0	16.5	24.7
226	28.8	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: 0.722 ng/ul

RT: 21.30 min Scan# 4717

Delta R.T. 0.00 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Instrument :

BNA_N

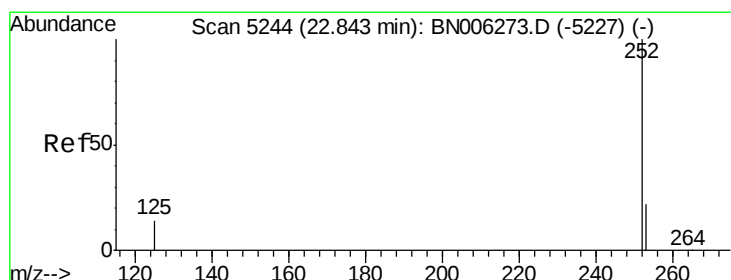
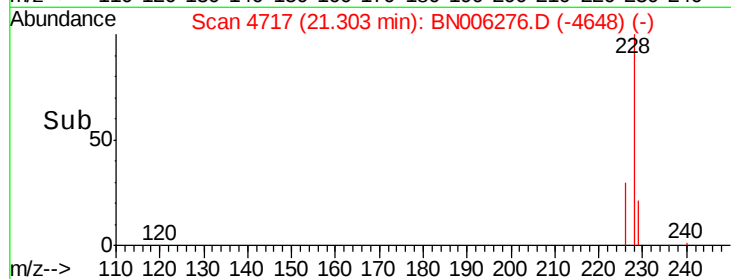
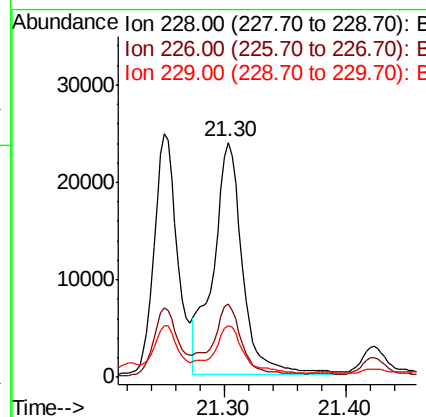
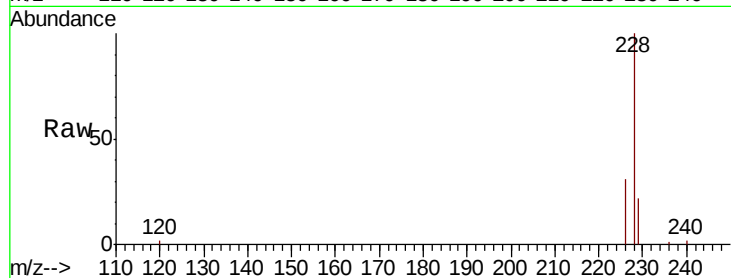
ClientSampleId :

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Tot Ion:	228	Resp:	39895
Ion Ratio	Lower	Upper	
228	100		
226	31.0	25.0	37.6
229	22.2	16.3	24.5

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#21

Benzo(b)fluoranthene

Concen: 0.646 ng/ul m

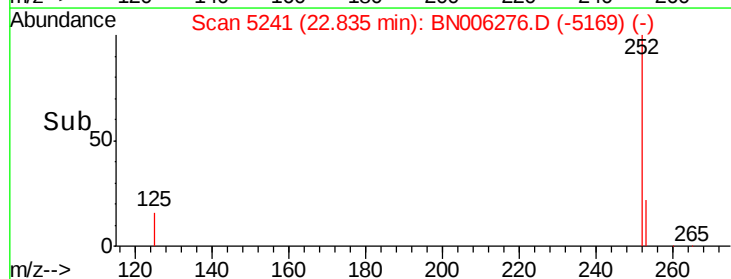
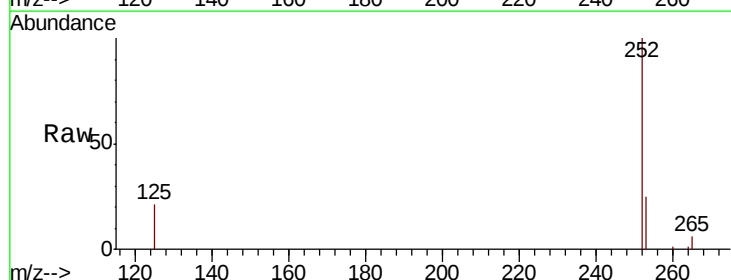
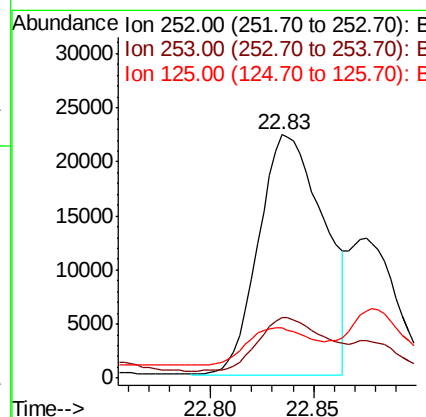
RT: 22.83 min Scan# 5241

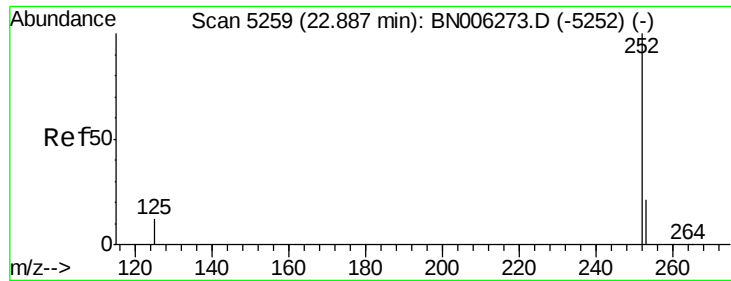
Delta R.T. 0.01 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Tgt Ion:	252	Resp:	48631
Ion Ratio	Lower	Upper	
252	100		
253	24.7	0.0	51.4
125	20.7	0.0	41.0





#22

Benzo(k)fluoranthene

Concen: 0.290 ng/ul m

RT: 22.88 min Scan# 5255

Delta R.T. 0.01 min

Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Instrument :

BNA_N

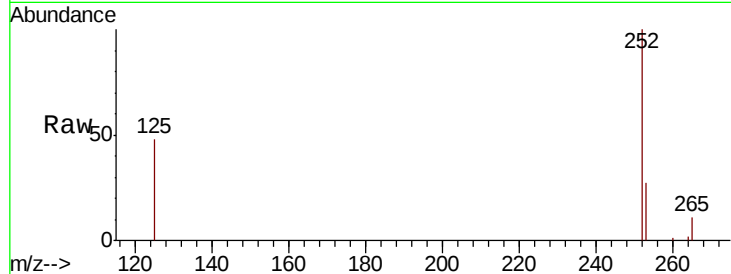
ClientSampleId :

A51F7DL

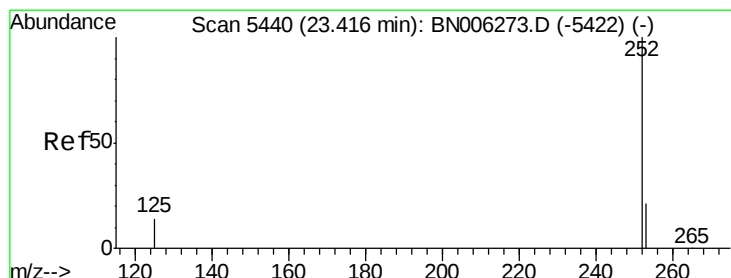
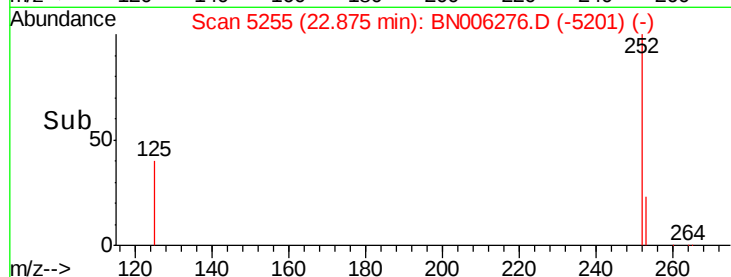
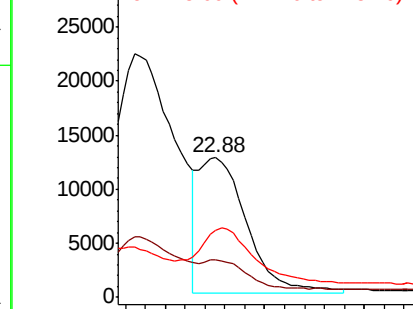
Tot Ion:	252	Resp:	21255
Ion Ratio	Lower	Upper	
252	100		
253	27.0	20.3	30.5
125	48.1	14.3	21.5#

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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



#23

Benzo(a)pyrene

Concen: 0.449 ng/ul

RT: 23.40 min Scan# 5436

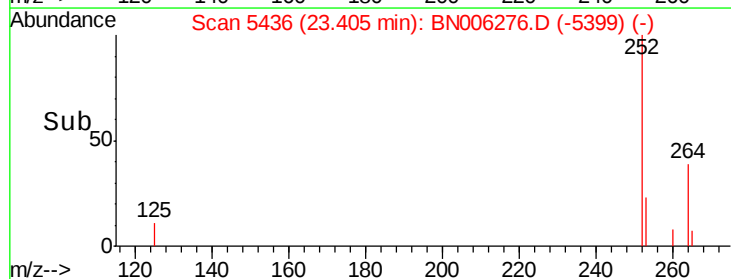
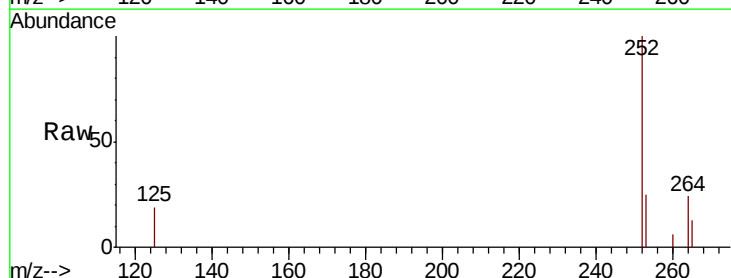
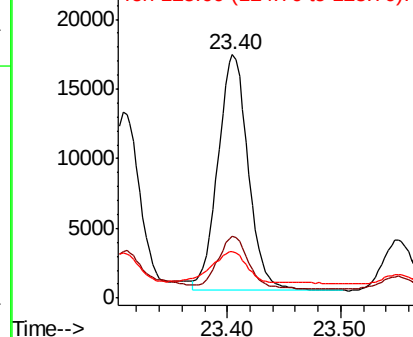
Delta R.T. 0.01 min

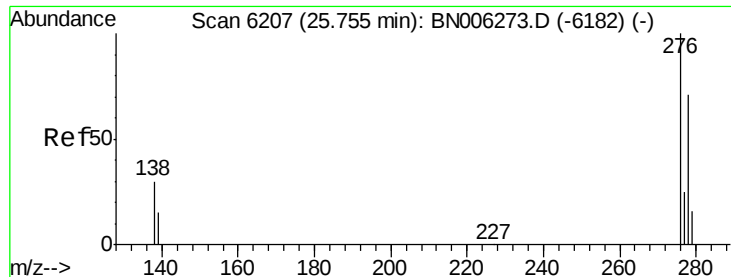
Lab File: BN006276.D

Acq: 12 Jun 2019 11:55

Tgt Ion:	252	Resp:	31506
Ion Ratio	Lower	Upper	
252	100		
253	25.2	21.1	31.7
125	18.9	20.3	30.5#

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





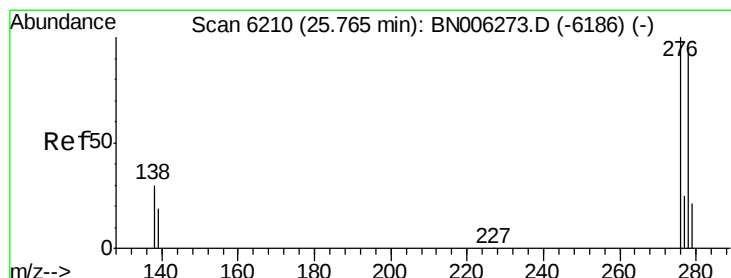
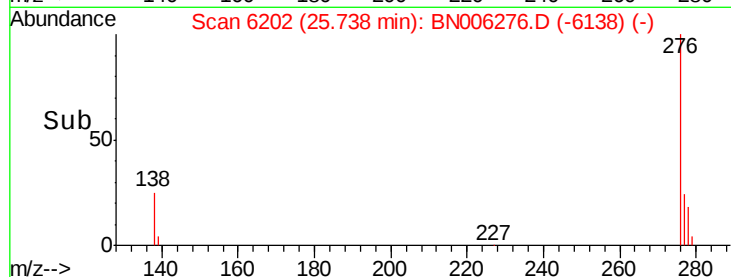
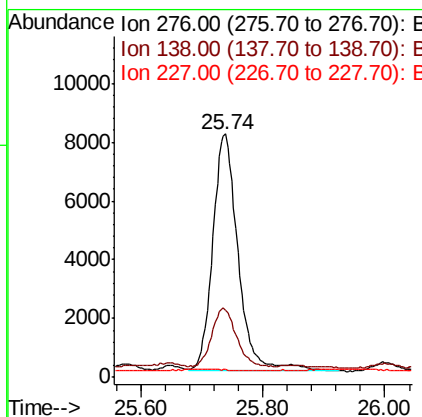
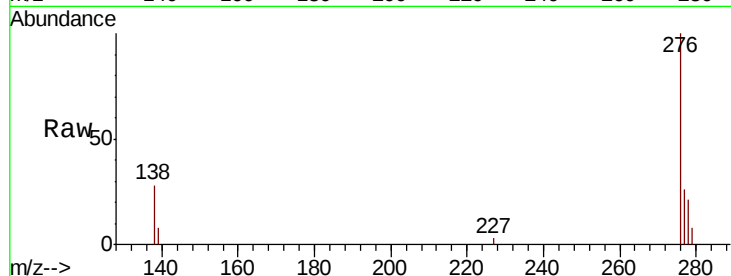
#24
Indeno(1,2,3-cd)pyrene
Concen: 0.307 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.01 min
Lab File: BN006276.D
Acq: 12 Jun 2019 11:55

Instrument :
BNA_N
ClientSampled :
A51F7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	23.9	25.6	38.4#
227	0.0	0.3	0.5#

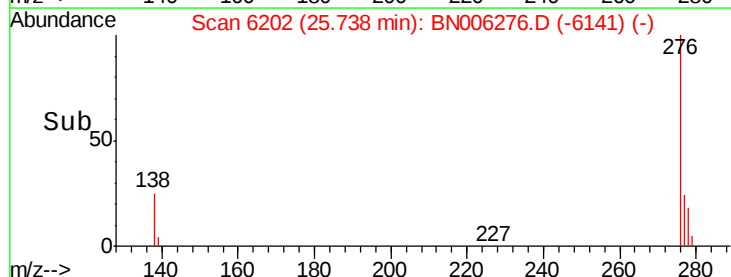
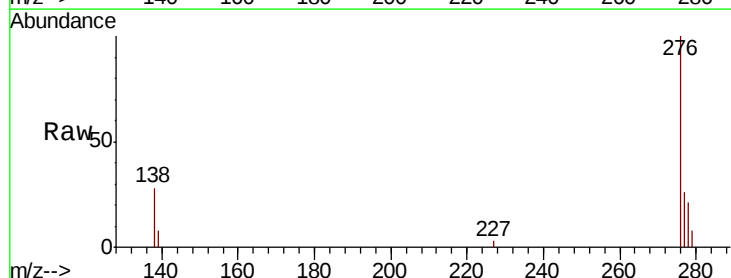
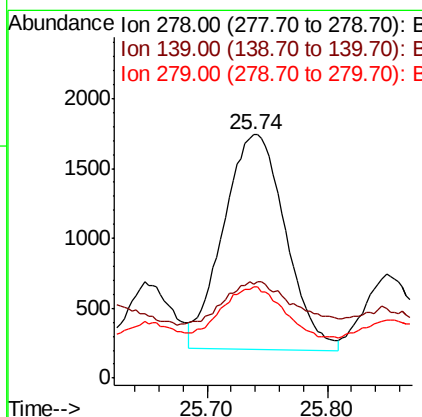
Manual Integrations
APPROVED

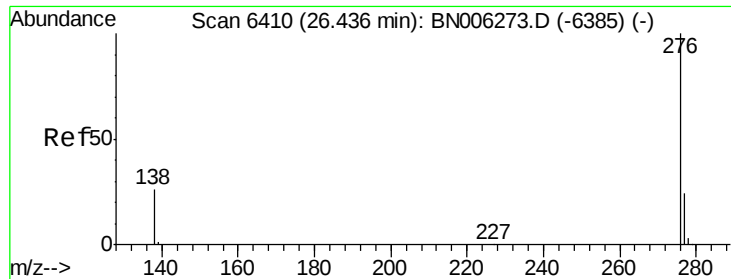
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#25
Dibenzo(a,h)anthracene
Concen: 0.091 ng/ul
RT: 25.74 min Scan# 6202
Delta R.T. 0.00 min
Lab File: BN006276.D
Acq: 12 Jun 2019 11:55

Tgt Ion	Ratio	Lower	Upper
278	100		
139	38.7	21.2	31.8#
279	37.4	22.6	33.8#





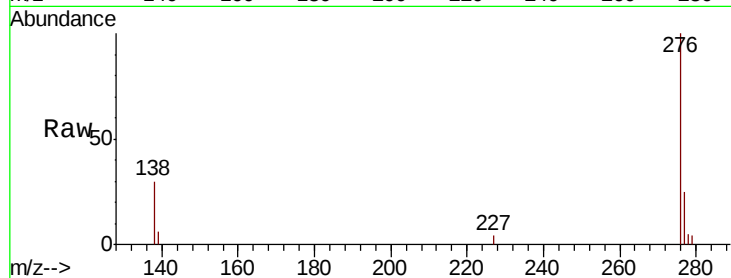
#26
Benzo(a,h,i)perylene
Concen: 0.316 ng/ul
RT: 26.42 min Scan# 6406
Delta R.T. 0.02 min
Lab File: BN006276.D
Acq: 12 Jun 2019 11:55

Instrument :
BNA_N
ClientSampleId :
A51F7DL

Tot Ion	Ratio	Lower	Upper
276	100		
138	29.8	24.2	36.4
277	25.5	21.5	32.3

Manual Integrations
APPROVED

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Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

