

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008105.D
 Acq On : 12 Oct 2019 09:58
 Operator : JU
 Sample : K5124-11
 Misc :
 ALS Vial : 38 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM83

Manual Integrations
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 10/15/2019 7:58:21 AM

Quant Time: Oct 13 02:32:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Oct 11 19:05:54 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	3071	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	14402	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	9815	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	22551m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	22854m	0.40	ng/ul	0.00
20) Perylene-d12	23.41	264	19318m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	4971	0.20	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	16382m	0.21	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	6917	0.169	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	6302	0.224	ng/ul	100
7) Acenaphthylene	13.98	152	7471	0.160	ng/ul#	89
8) Acenaphthene	14.32	153	937	0.026	ng/ul#	89
9) Fluorene	15.32	166	1132	0.027	ng/ul#	38
11) Pentachlorophenol	16.67	266	5158m	0.946	ng/ul	
12) Phenanthrene	17.05	178	15948	0.242	ng/ul	97
13) Anthracene	17.14	178	2613m	0.045	ng/ul	
15) Fluoranthene	19.08	202	28935m	0.332	ng/ul	
17) Pyrene	19.44	202	46971	0.516	ng/ul	98
18) Benzo(a)anthracene	21.20	228	21562m	0.260	ng/ul	
19) Chrysene	21.25	228	49666m	0.487	ng/ul	
21) Benzo(b)fluoranthene	22.76	252	31917m	0.508	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	7485m	0.105	ng/ul	
23) Benzo(a)pyrene	23.31	252	28815	0.435	ng/ul#	61
24) Indeno(1,2,3-cd)pyrene	25.59	276	12595	0.162	ng/ul#	91
25) Dibenzo(a,h)anthracene	25.59	278	4589	0.074	ng/ul#	1
26) Benzo(g,h,i)perylene	26.25	276	34766	0.486	ng/ul#	84

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

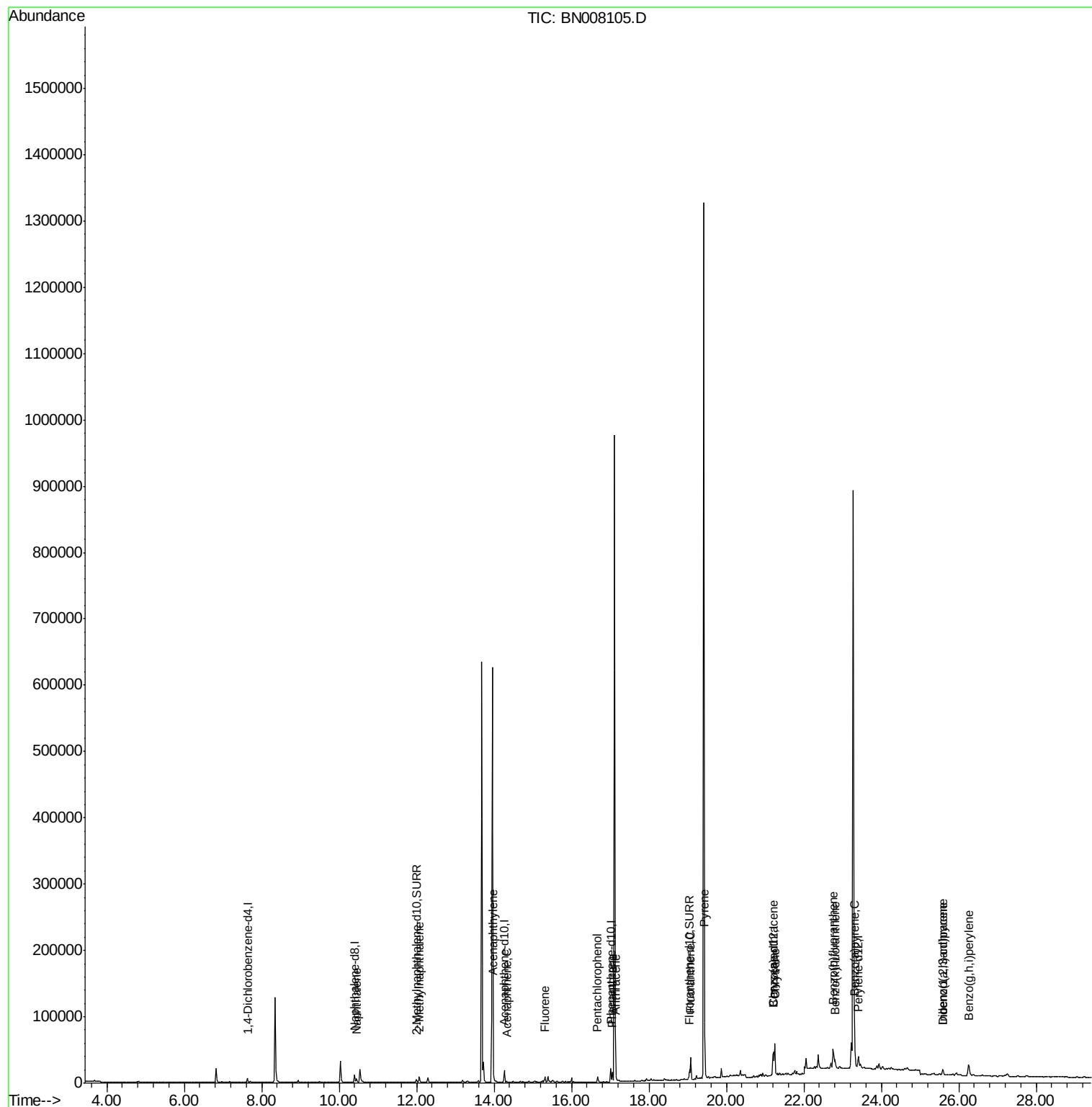
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008105.D
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Misc :
ALS Vial : 38 Sample Multiplier: 1

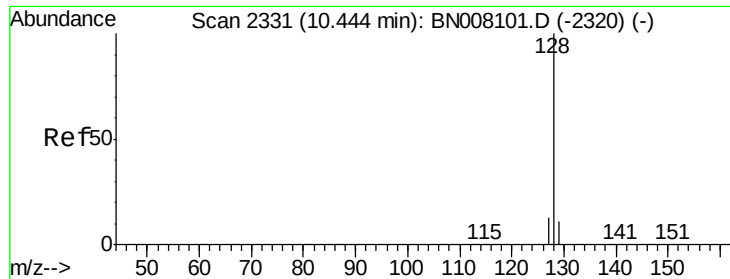
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 0.169 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

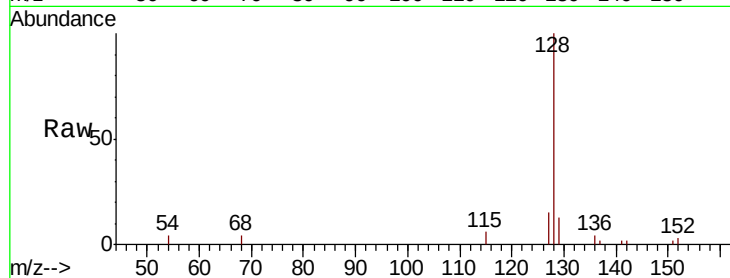
ClientSampleId :

JLM83

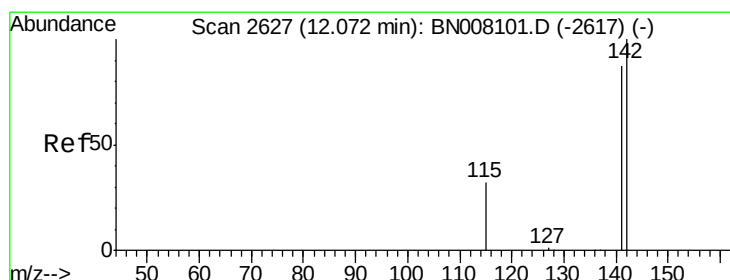
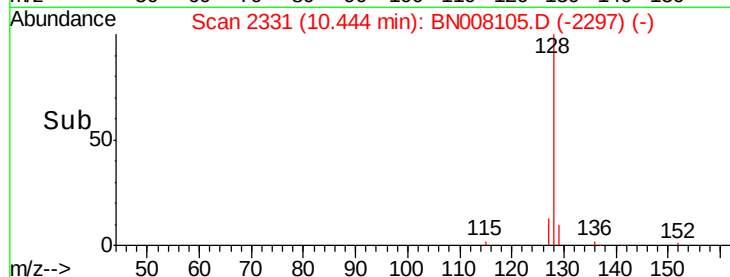
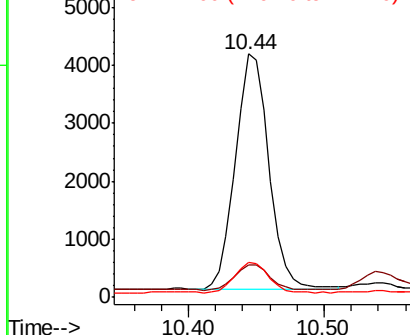
Tot Ion:	128	Resp:	6917
Ion Ratio	Lower	Upper	
128	100		
129	13.4	9.8	14.8
127	14.6	11.1	16.7

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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: 0.224 ng/ul

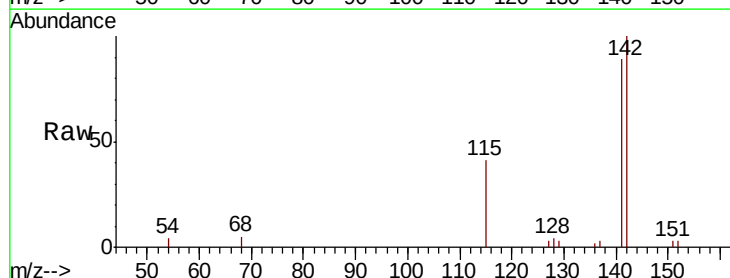
RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

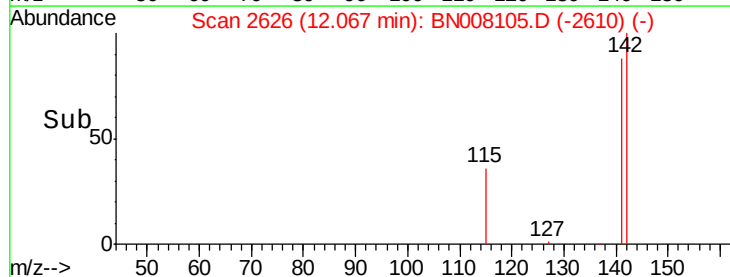
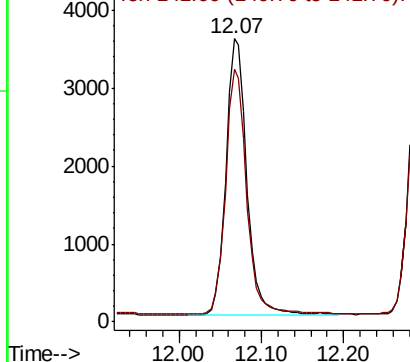
Lab File: BN008105.D

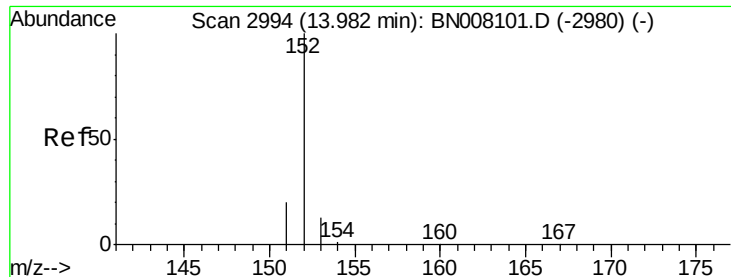
Acq: 12 Oct 2019 09:58

Tgt Ion:	142	Resp:	6302
Ion Ratio	Lower	Upper	
142	100		
141	88.9	71.4	107.2



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





#7

Acenaphthylene

Concen: 0.160 ng/ul

RT: 13.98 min Scan# 2994

Delta R.T. -0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

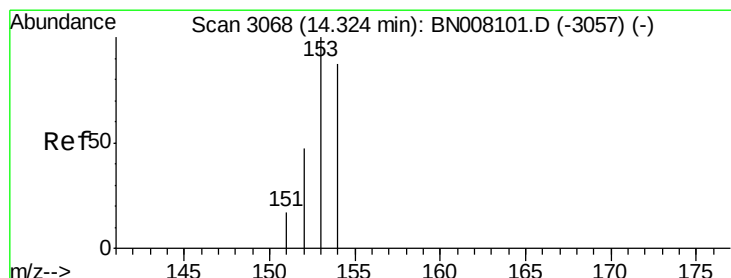
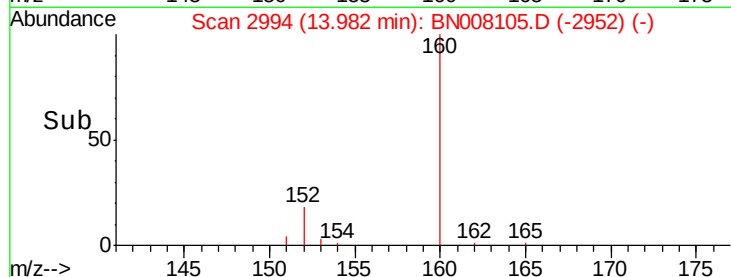
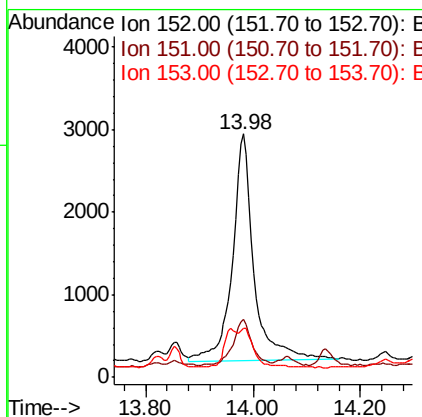
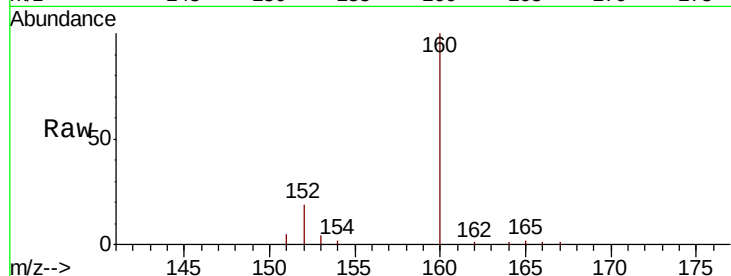
ClientSampleId :

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Tot Ion:	152	Resp:	7471
Ion Ratio	Lower	Upper	
152	100		
151	23.8	16.2	24.4
153	19.9	11.0	16.4#

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#8

Acenaphthene

Concen: 0.026 ng/ul

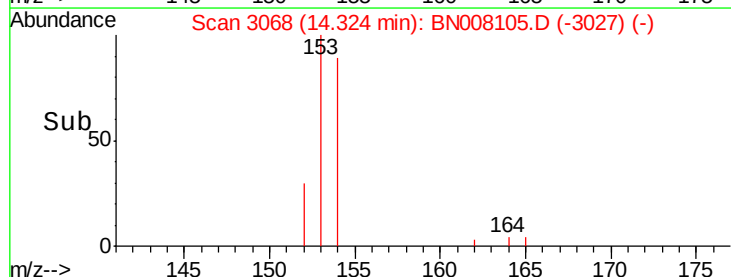
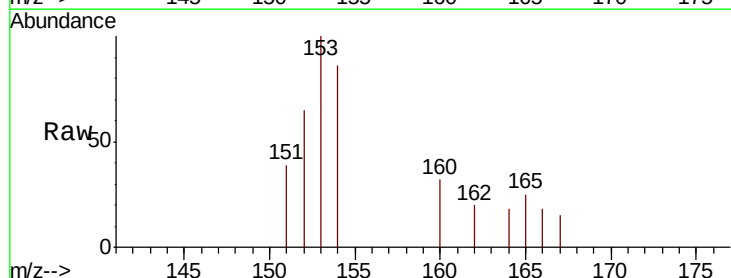
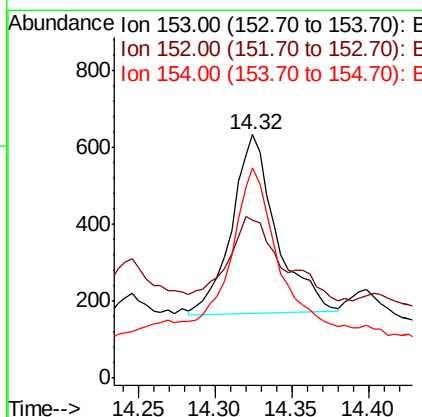
RT: 14.32 min Scan# 3068

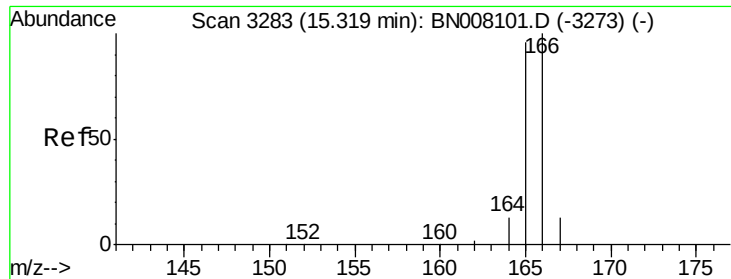
Delta R.T. -0.01 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Tgt Ion:	153	Resp:	937
Ion Ratio	Lower	Upper	
153	100		
152	64.6	38.2	57.2#
154	86.4	71.8	107.8





#9

Fluorene

Concen: 0.027 ng/ul

RT: 15.32 min Scan# 3283

Delta R.T. -0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

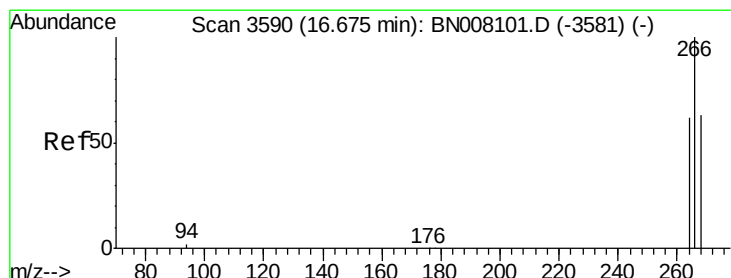
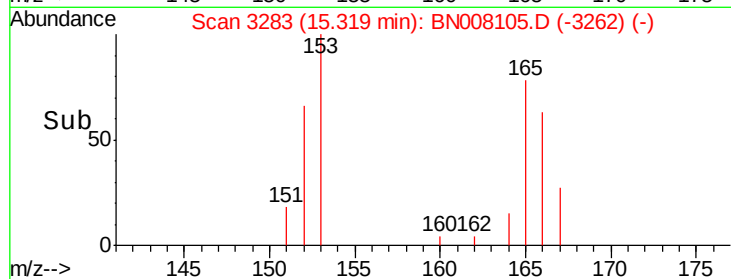
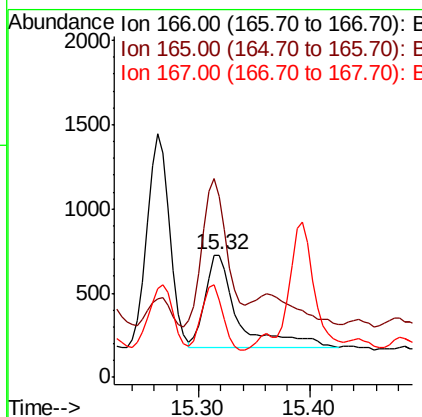
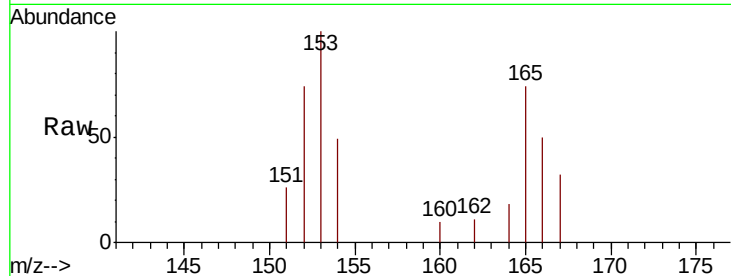
ClientSampleId :

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Tot Ion	Ratio	Lower	Upper
166	100		
165	148.1	76.6	115.0#
167	63.7	11.7	17.5#

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#11

Pentachlorophenol

Concen: 0.946 ng/ul m

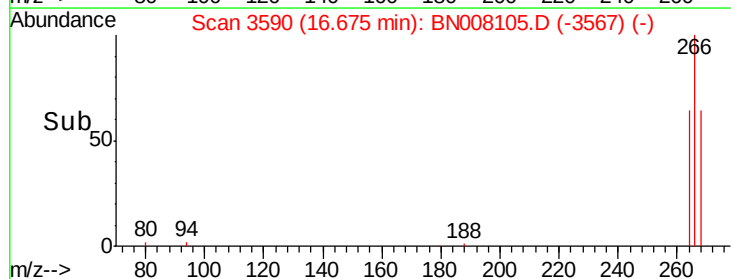
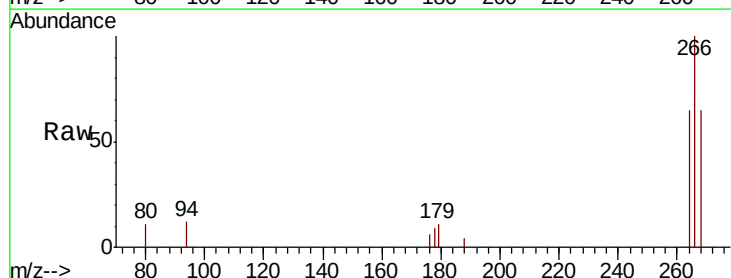
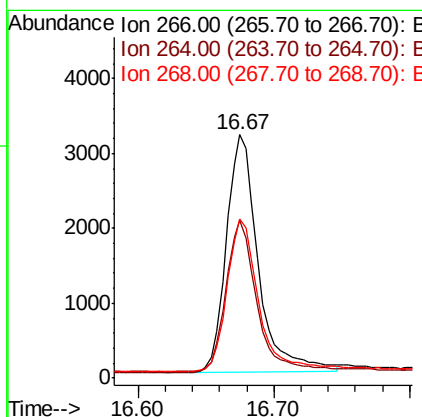
RT: 16.67 min Scan# 3590

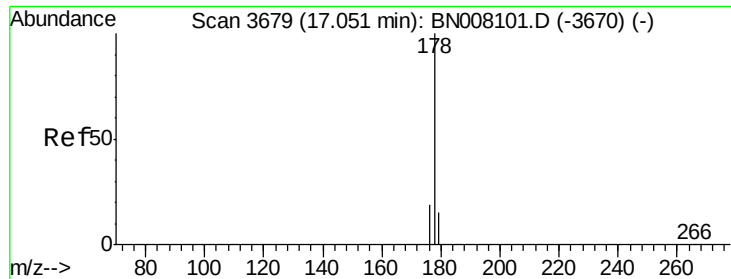
Delta R.T. -0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Tgt Ion	Ratio	Lower	Upper
266	100		
264	0.0	50.1	75.1#
268	0.0	51.9	77.9#





#12

Phenanthrene

Concen: 0.242 ng/ul

RT: 17.05 min Scan# 3680

Delta R.T. 0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

ClientSampleId :

JLM83

Tot Ion:178 Resp: 15948

Ion Ratio Lower Upper

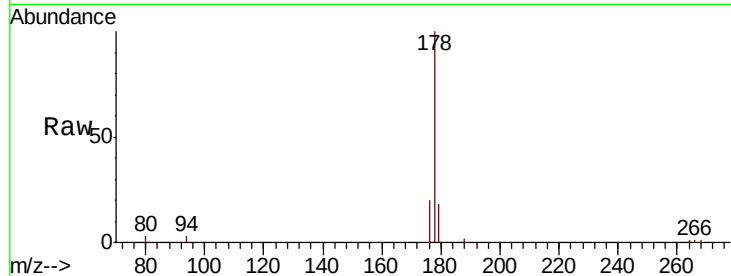
178 100

179 18.4 12.8 19.2

176 19.6 15.4 23.2

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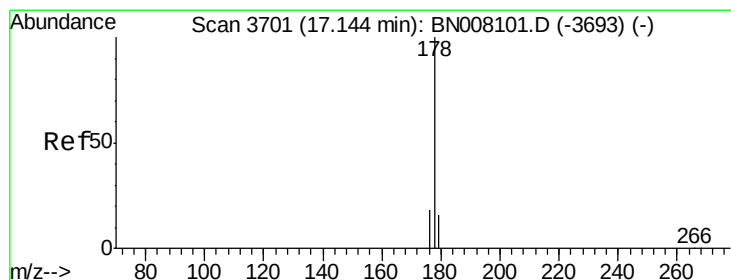
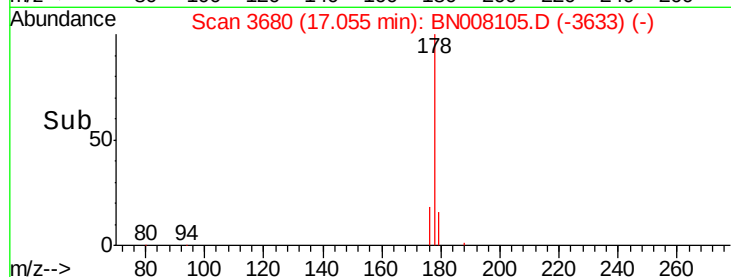
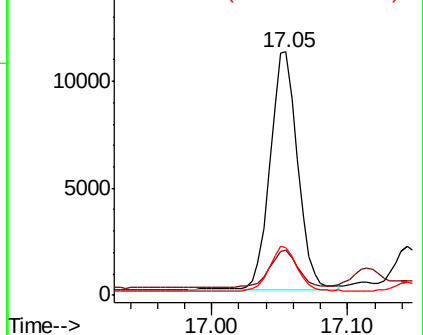
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Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#13

Anthracene

Concen: 0.045 ng/ul m

RT: 17.14 min Scan# 3701

Delta R.T. -0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Tgt Ion:178 Resp: 2613

Ion Ratio Lower Upper

178 100

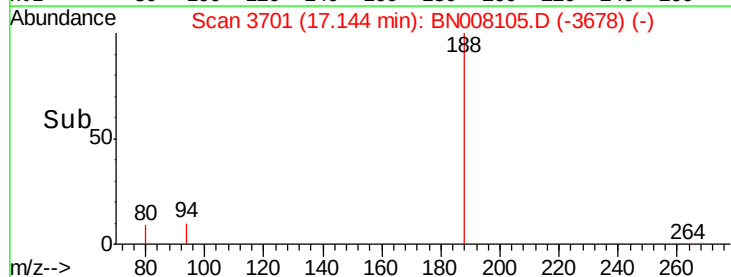
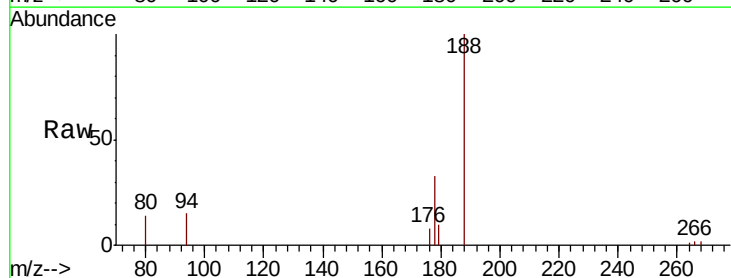
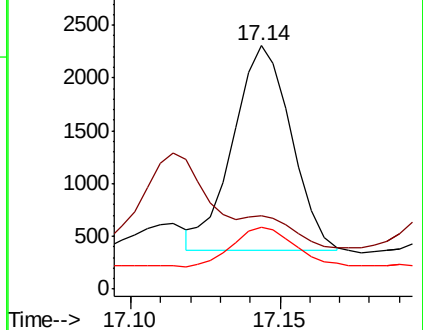
179 30.3 13.0 19.6#

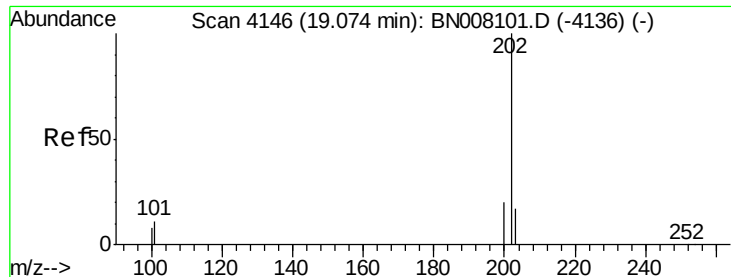
176 25.6 15.0 22.6#

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: 0.332 ng/ul m

RT: 19.08 min Scan# 4147

Delta R.T. 0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

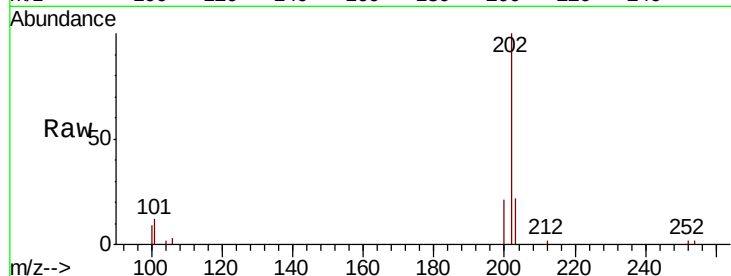
ClientSampleId :

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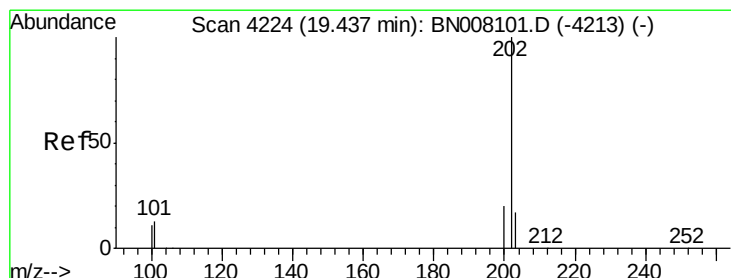
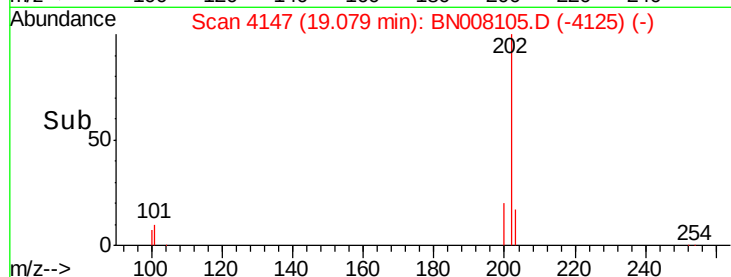
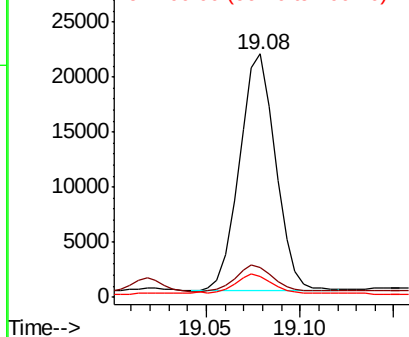
Tot Ion:	202	Resp:	28935
Ion Ratio	Lower	Upper	
202	100		
101	12.4	0.0	31.2
100	8.6	0.0	28.5

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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: 0.516 ng/ul

RT: 19.44 min Scan# 4225

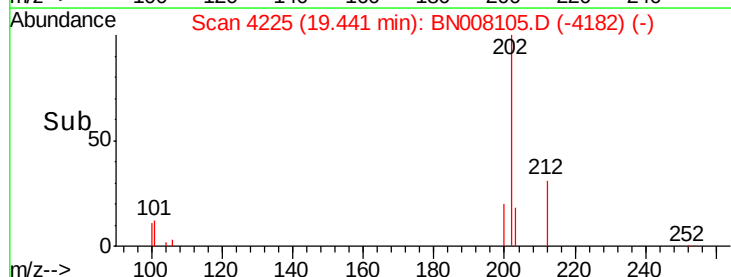
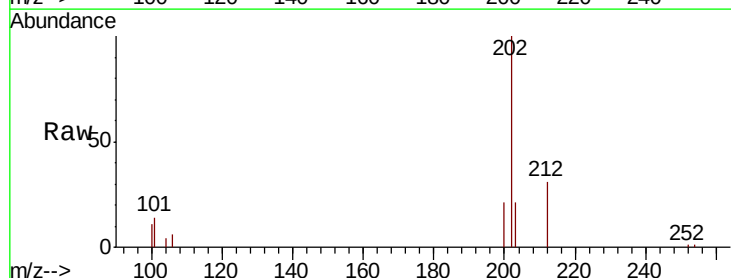
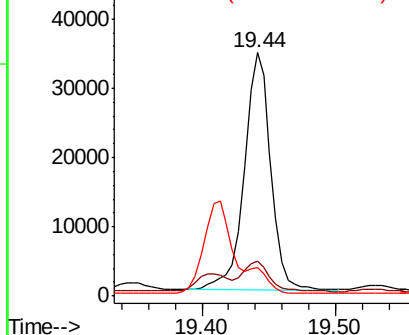
Delta R.T. 0.00 min

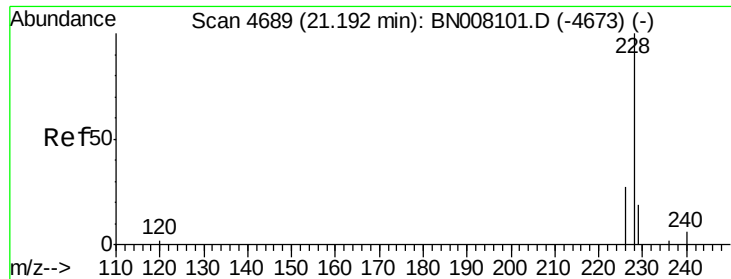
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Tgt Ion:	202	Resp:	46971
Ion Ratio	Lower	Upper	
202	100		
101	14.4	10.9	16.3
100	11.5	8.7	13.1

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





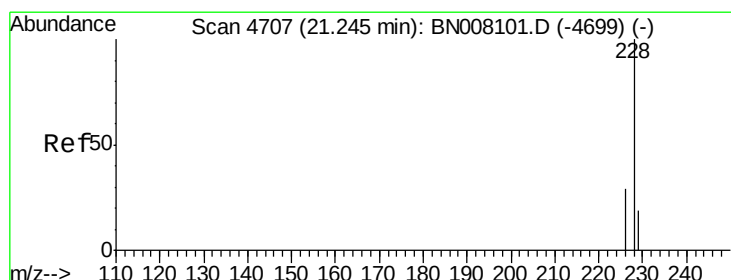
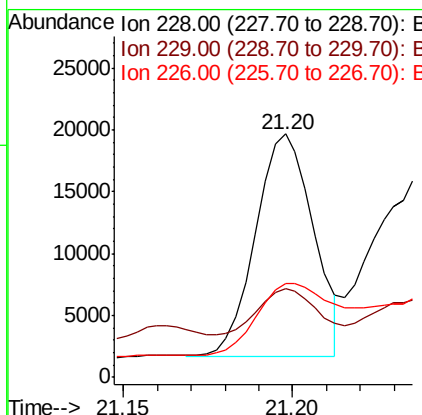
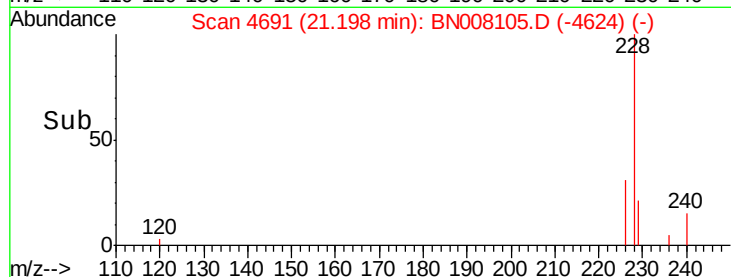
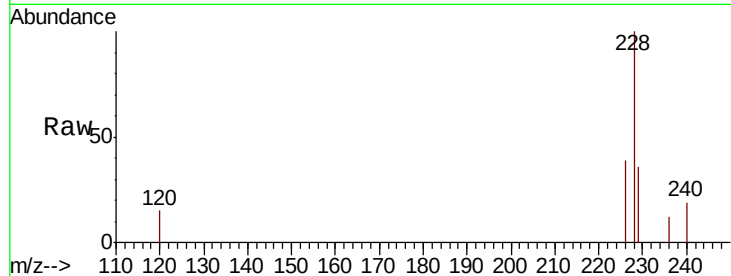
#18
Benzo(a)anthracene
Concen: 0.260 ng/ul m
RT: 21.20 min Scan# 4691
Delta R.T. -0.00 min
Lab File: BN008105.D
Acq: 12 Oct 2019 09:58

Instrument :
BNA_N
ClientSampleId :
JLM83

Tot Ion	Ratio	Lower	Upper
228	100		
229	36.4	16.2	24.2#
226	38.5	21.4	32.0#

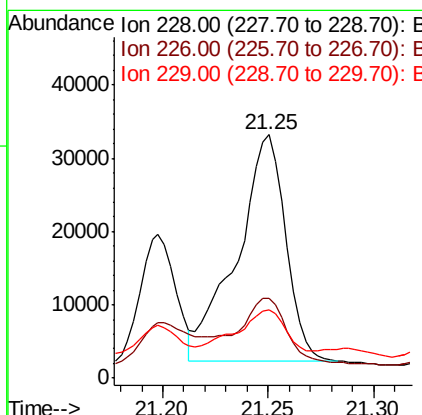
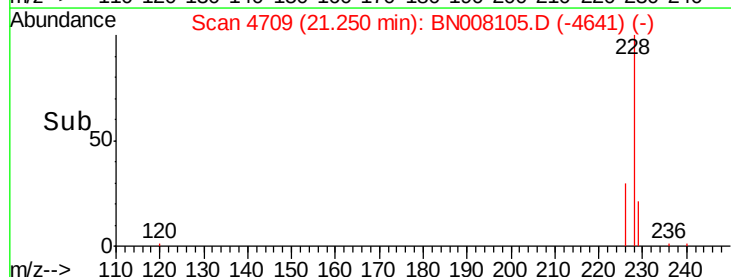
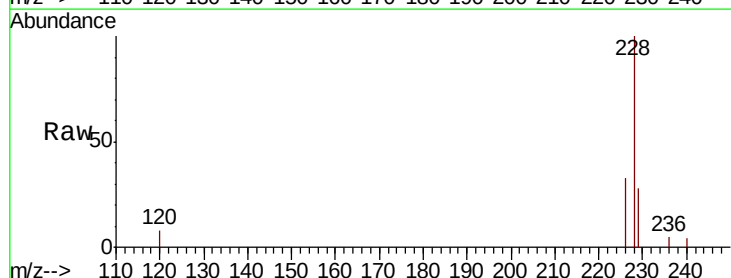
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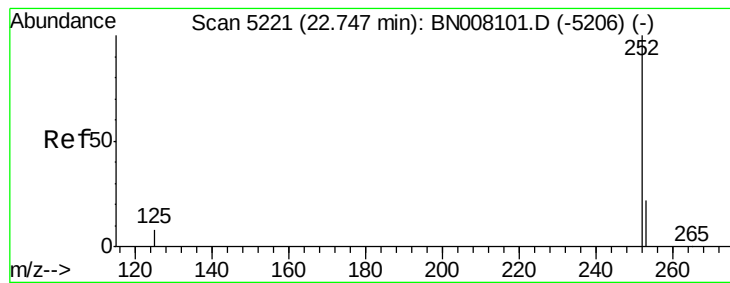
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#19
Chrysene
Concen: 0.487 ng/ul m
RT: 21.25 min Scan# 4709
Delta R.T. 0.00 min
Lab File: BN008105.D
Acq: 12 Oct 2019 09:58

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	24.1	36.1
229	28.2	16.2	24.2#





#21

Benzo(b)fluoranthene

Concen: 0.508 ng/ul m

RT: 22.76 min Scan# 5224

Delta R.T. 0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

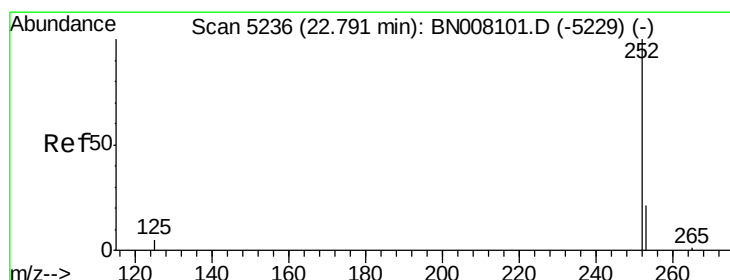
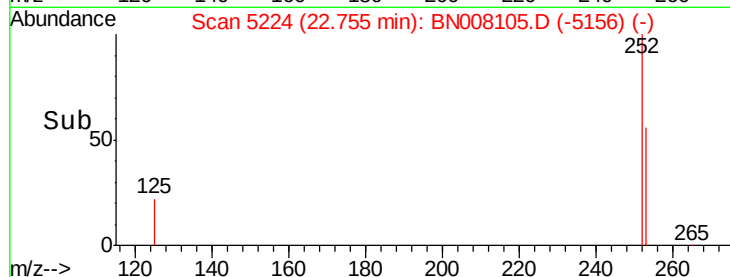
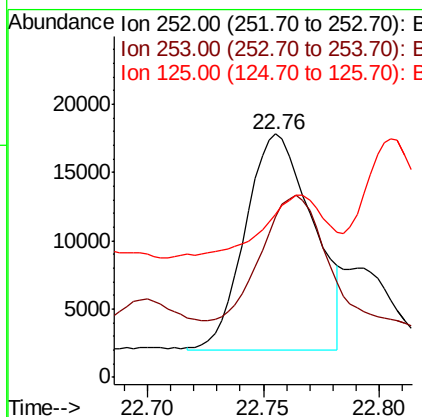
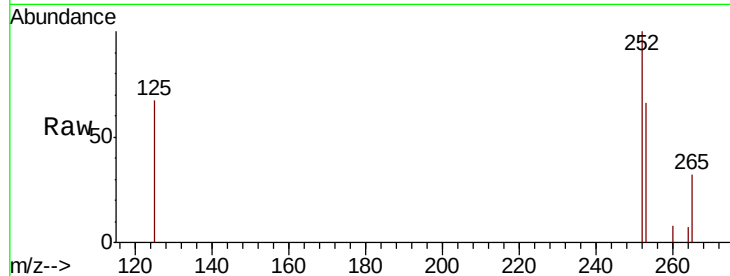
ClientSampleId :

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Tot Ion:	252	Resp:	31917
Ion Ratio	Lower	Upper	
252	100		
253	66.0	0.0	53.4#
125	67.1	0.0	32.4#

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#22

Benzo(k)fluoranthene

Concen: 0.105 ng/ul m

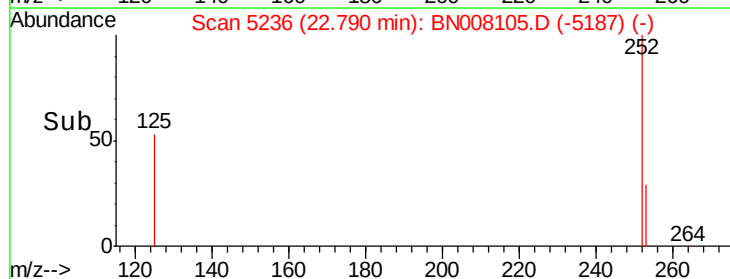
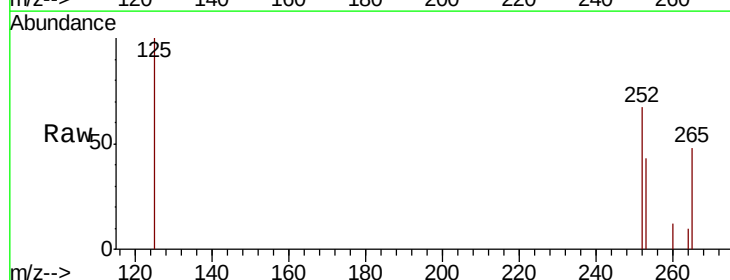
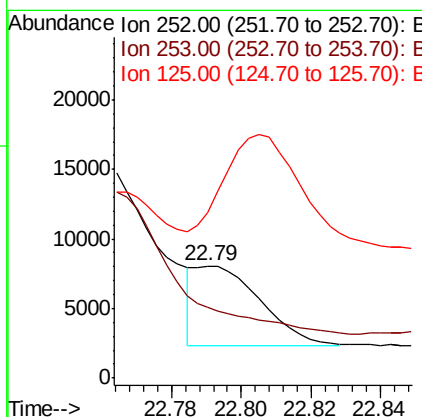
RT: 22.79 min Scan# 5236

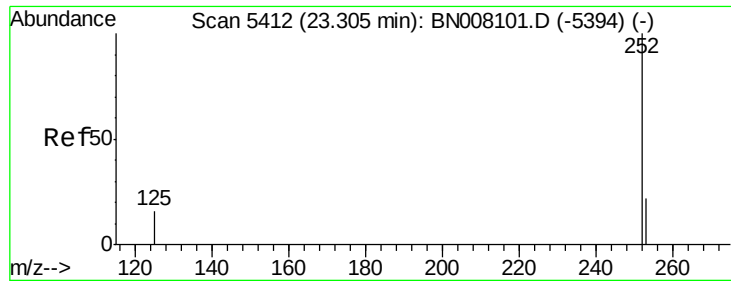
Delta R.T. -0.01 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Tgt Ion:	252	Resp:	7485
Ion Ratio	Lower	Upper	
252	100		
253	63.5	21.3	31.9#
125	148.2	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 0.435 ng/ul

RT: 23.31 min Scan# 5415

Delta R.T. 0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

Instrument :

BNA_N

ClientSampleId :

JLM83

Tot Ion:252 Resp: 28815

Ion Ratio Lower Upper

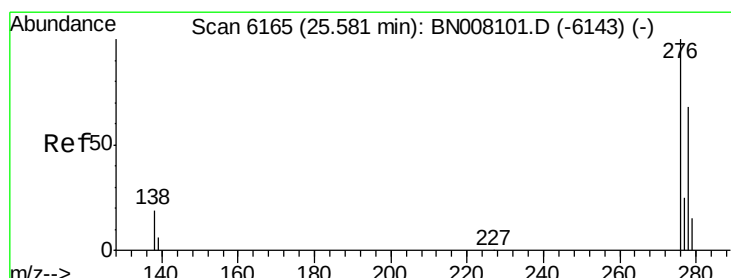
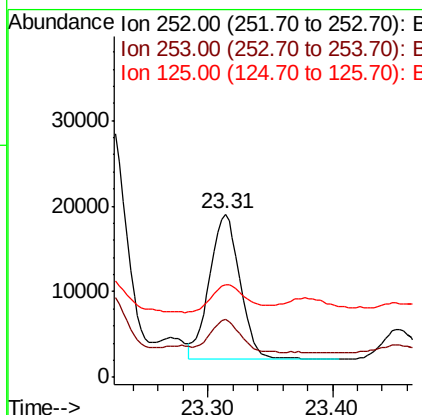
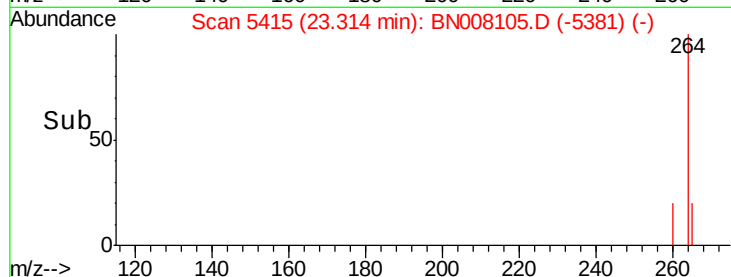
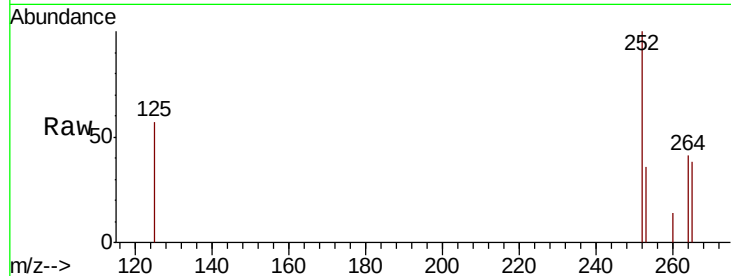
252 100

253 35.7 22.8 34.2#

125 56.8 18.4 27.6#

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:21 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.162 ng/ul

RT: 25.59 min Scan# 6167

Delta R.T. -0.00 min

Lab File: BN008105.D

Acq: 12 Oct 2019 09:58

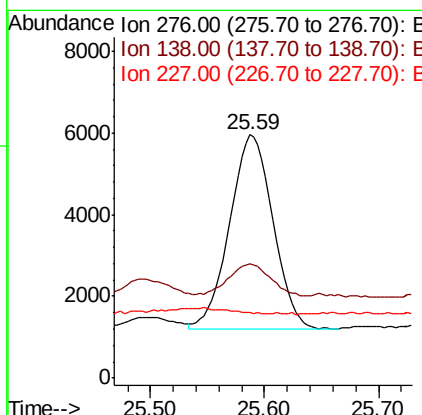
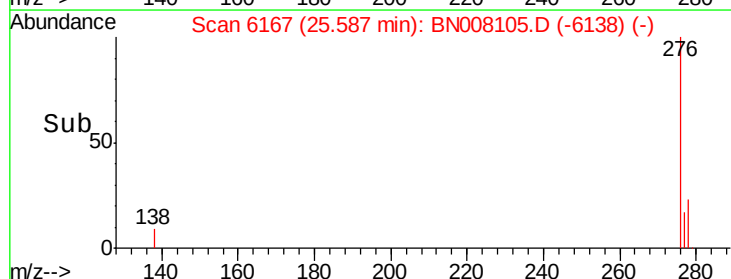
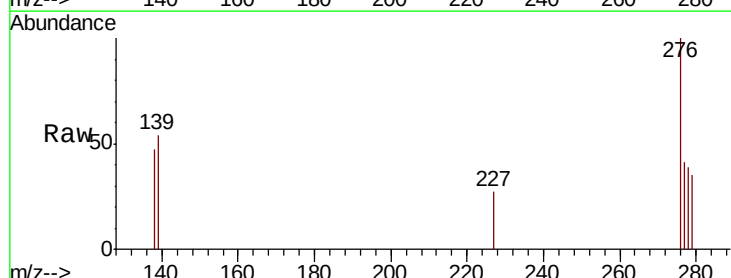
Tgt Ion:276 Resp: 12595

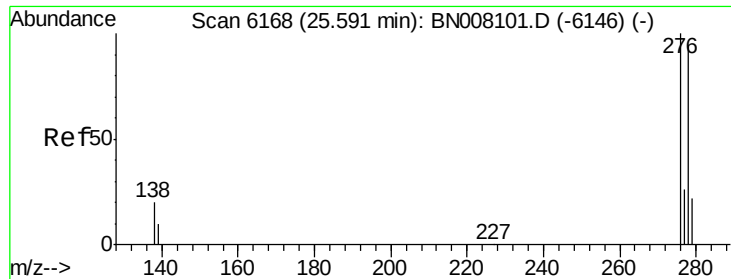
Ion Ratio Lower Upper

276 100

138 15.9 16.1 24.1#

227 0.0 0.2 0.2#





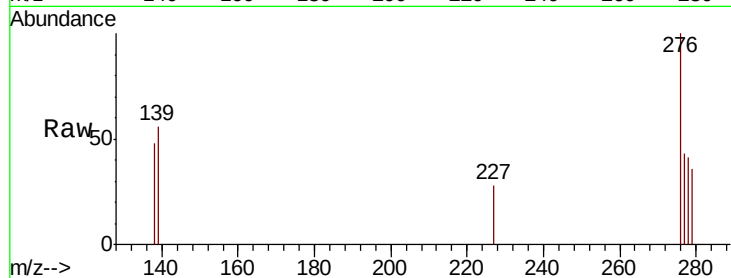
#25
Dibenzo(a,h)anthracene
Concen: 0.074 ng/ul
RT: 25.59 min Scan# 6169
Delta R.T. -0.01 min
Lab File: BN008105.D
Acq: 12 Oct 2019 09:58

Instrument :
BNA_N
ClientSampleId :
JLM83

Tot Ion	Ratio	Lower	Upper
278	100		
139	135.8	15.0	22.6#
279	87.5	22.4	33.6#

Manual Integrations
APPROVED

mohammad
10/15/2019 7:58:21 AM

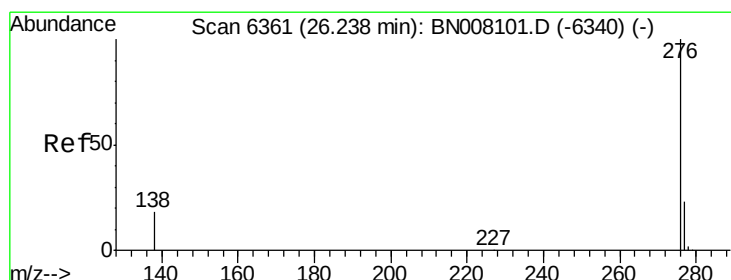
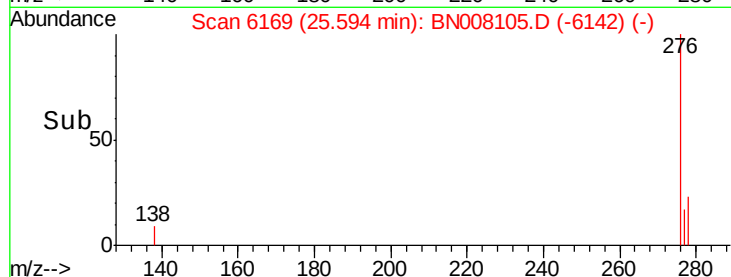
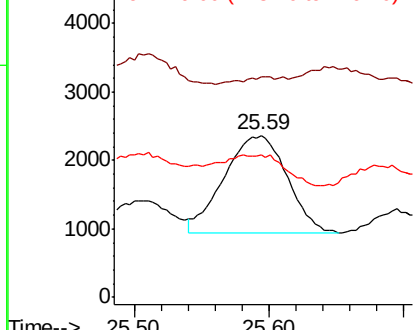


Abundance

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(g,h,i)perylene
Concen: 0.486 ng/ul
RT: 26.25 min Scan# 6366
Delta R.T. 0.00 min
Lab File: BN008105.D
Acq: 12 Oct 2019 09:58

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	17.0	25.4#
277	31.7	20.4	30.6#

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

