

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008103.D
 Acq On : 12 Oct 2019 08:47
 Operator : JU
 Sample : K5124-09
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM79

Manual Integrations
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mohammad
 10/15/2019 7:58:16 AM

Quant Time: Oct 13 02:19:08 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	3632	0.40	ng/ul	0.00
2) Naphthalene-d8	10.41	136	16733	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.28	164	11394	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.02	188	24164m	0.40	ng/ul	0.00
16) Chrysene-d12	21.23	240	20950m	0.40	ng/ul	0.02
20) Perylene-d12	23.42	264	394971m	0.40	ng/ul	0.02
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	6509	0.23	ng/ul	0.00
14) Fluoranthene-d10	19.07	212	7278m	0.09	ng/ul	0.01
Target Compounds				Ovalue		
3) Naphthalene	10.46	128	120664	2.533	ng/ul	99
5) 2-Methylnaphthalene	12.08	142	41760	1.278	ng/ul	99
7) Acenaphthylene	14.00	152	2231038	41.110	ng/ul	99
8) Acenaphthene	14.34	153	75845	1.797	ng/ul	95
9) Fluorene	15.33	166	367074	7.660	ng/ul	99
12) Phenanthrene	17.06	178	3591054m	50.759	ng/ul	
13) Anthracene	17.15	178	1232661m	19.799	ng/ul	
15) Fluoranthene	19.10	202	10306875m	110.307	ng/ul	
17) Pyrene	19.48	202	10495695	125.823	ng/ul	98
18) Benzo(a)anthracene	21.22	228	5331108m	69.992	ng/ul	
19) Chrysene	21.27	228	6605489	70.667	ng/ul	96
21) Benzo(b)fluoranthene	22.81	252	6016953m	4.680	ng/ul	
22) Benzo(k)fluoranthene	22.83	252	2161206m	1.484	ng/ul	
23) Benzo(a)pyrene	23.35	252	5311467	3.926	ng/ul#	83
24) Indeno(1,2,3-cd)pyrene	25.63	276	3037455	1.906	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.63	278	836601	0.664	ng/ul	96
26) Benzo(a,h,i)perylene	26.31	276	2538479	1.737	ng/ul	96

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

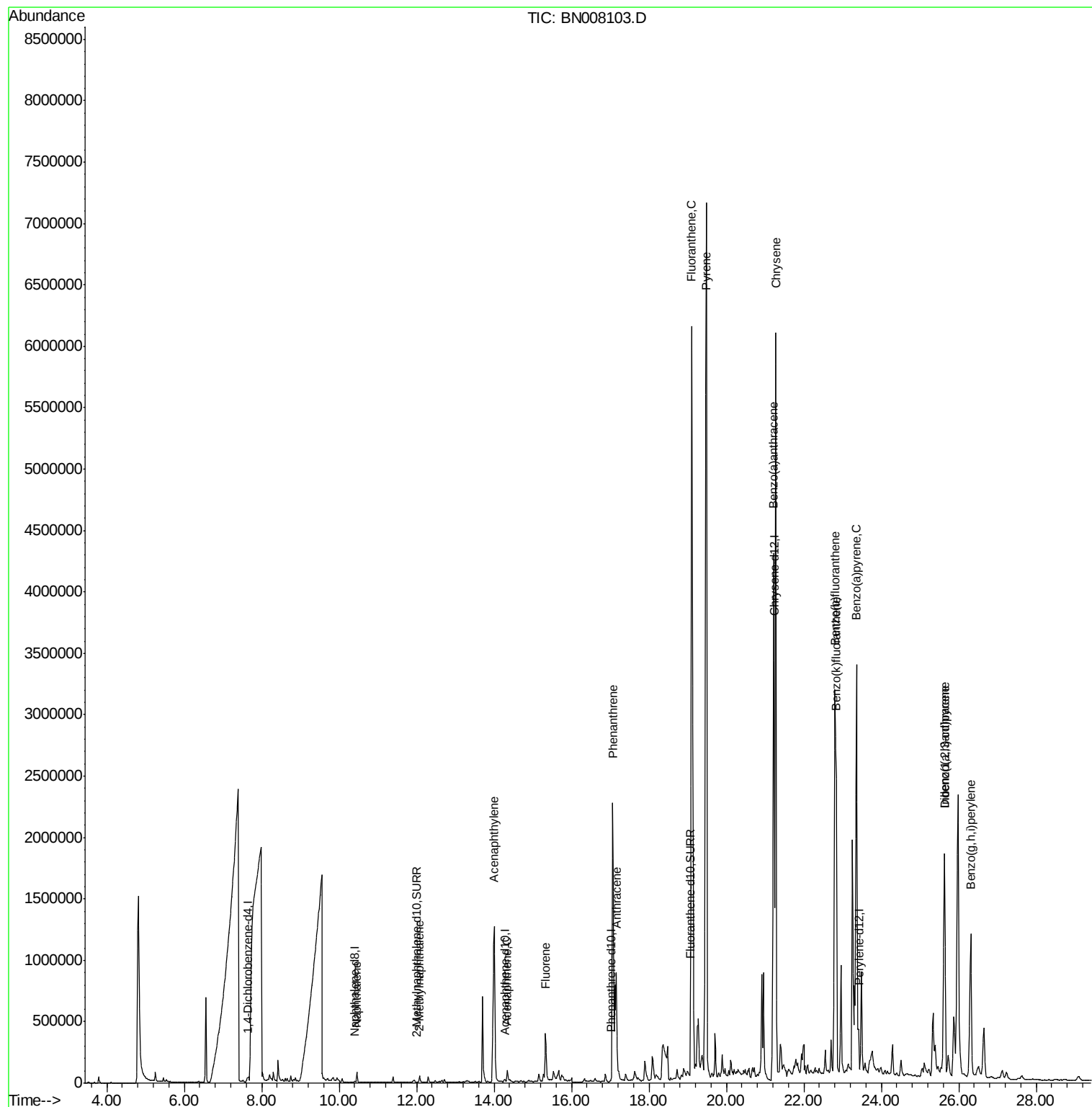
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
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ALS Vial : 36 Sample Multiplier: 1

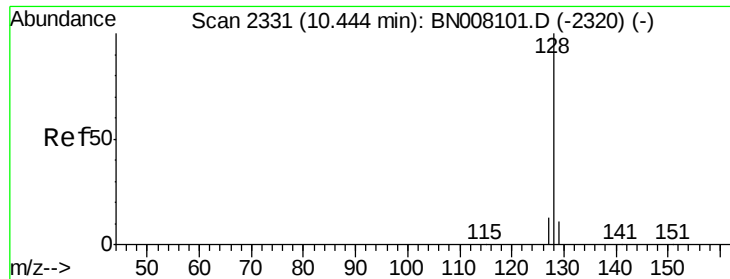
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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#3

Naphthalene

Concen: 2.533 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

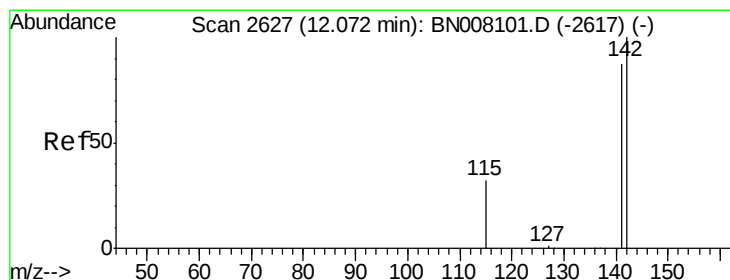
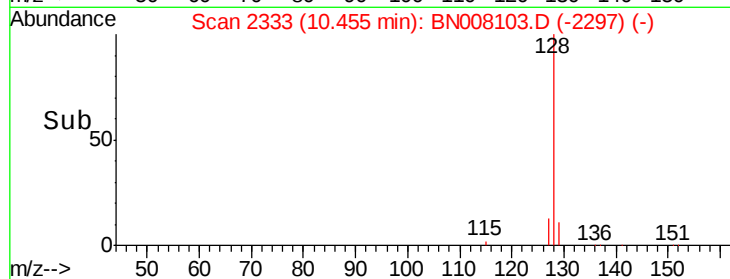
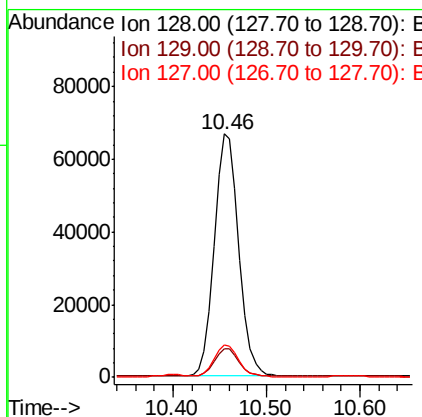
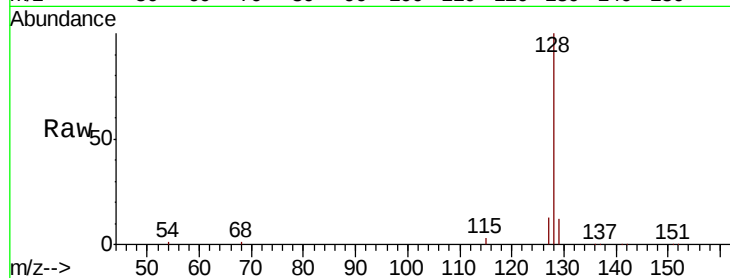
ClientSampleId :

JLM79

Tot Ion:	128	Resp:	120664
Ion Ratio	Lower	Upper	
128	100		
129	11.8	9.8	14.8
127	13.4	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 1.278 ng/ul

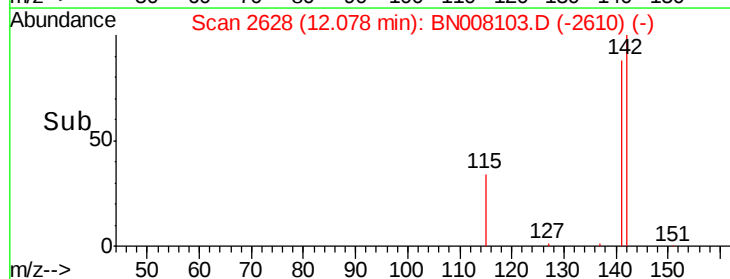
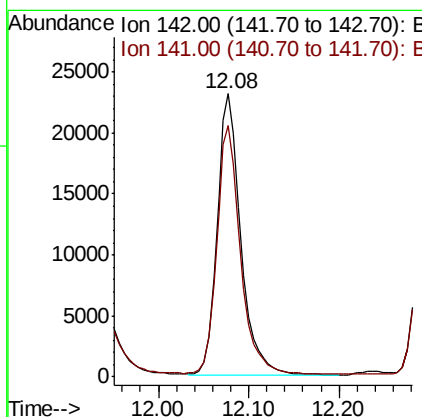
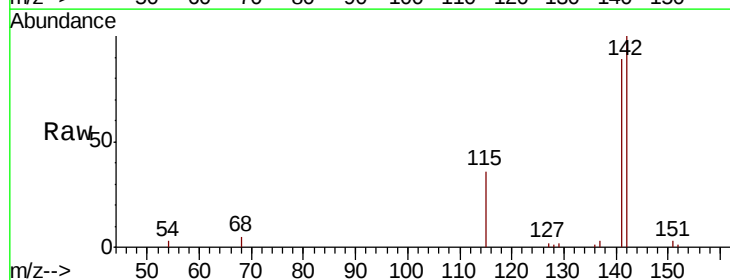
RT: 12.08 min Scan# 2628

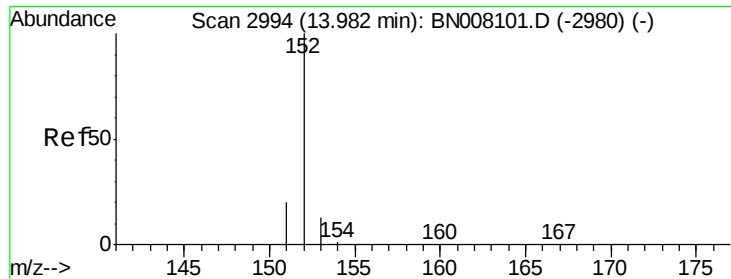
Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Tgt Ion:	142	Resp:	41760
Ion Ratio	Lower	Upper	
142	100		
141	87.9	71.4	107.2





#7

Acenaphthylene

Concen: 41.110 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. 0.01 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

JLM79

Tot Ion:152 Resp: 2231038

Ion Ratio Lower Upper

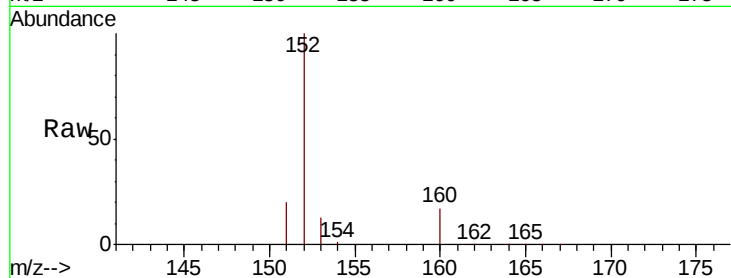
152 100

151 19.8 16.2 24.4

153 13.4 11.0 16.4

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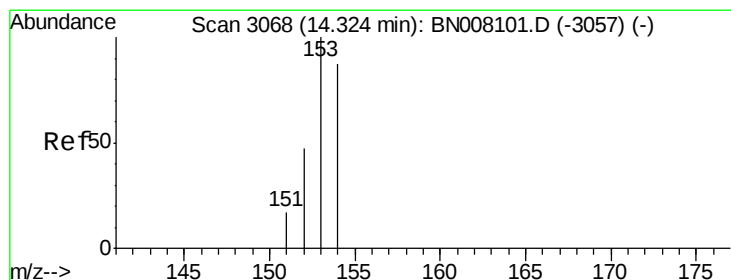
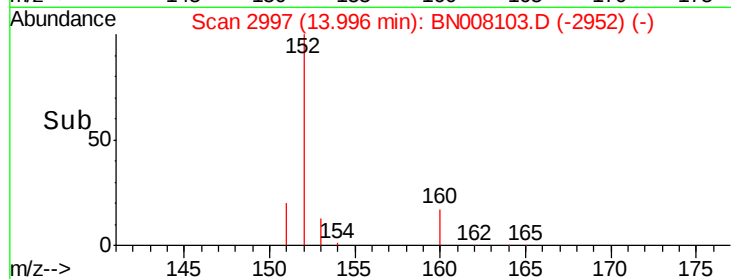
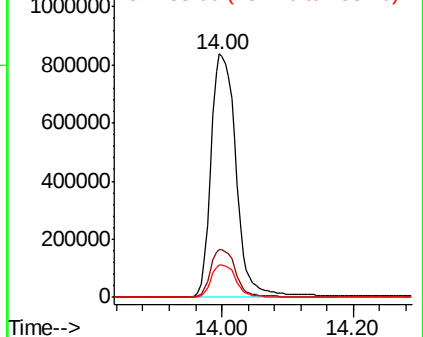


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#8

Acenaphthene

Concen: 1.797 ng/ul

RT: 14.34 min Scan# 3071

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

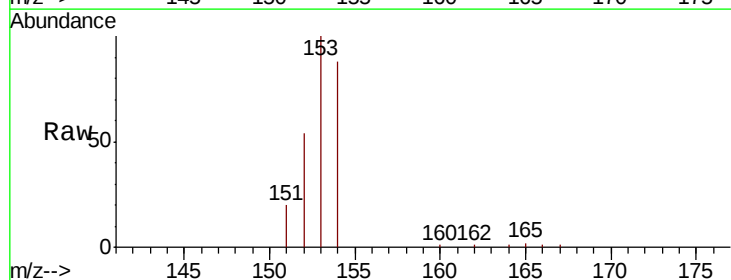
Tgt Ion:153 Resp: 75845

Ion Ratio Lower Upper

153 100

152 53.9 38.2 57.2

154 87.8 71.8 107.8

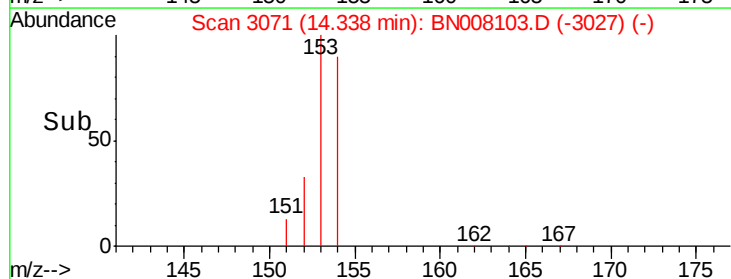
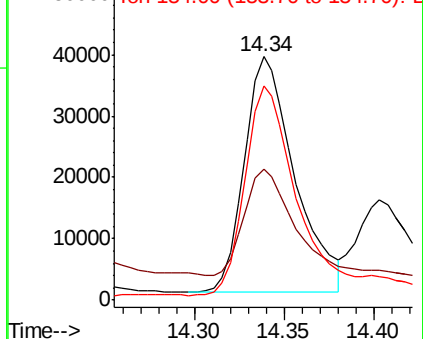


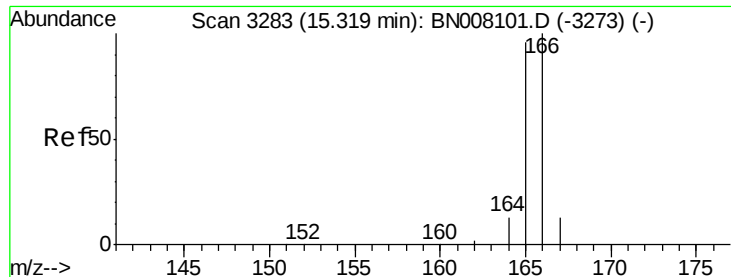
Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





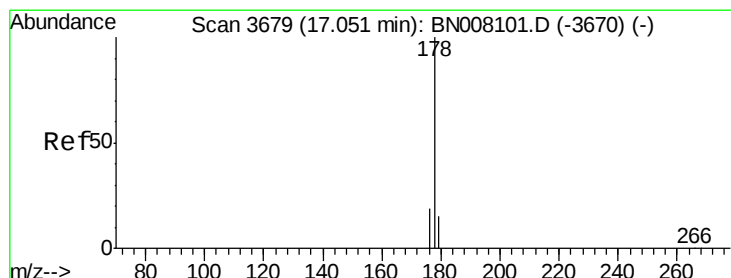
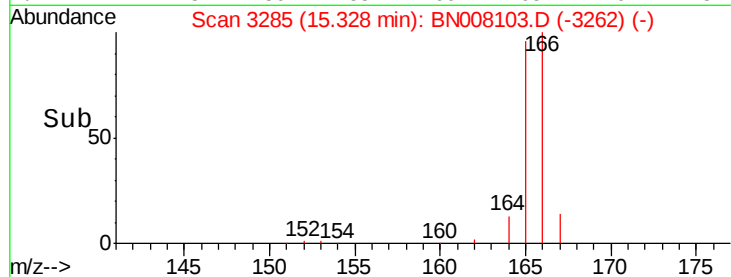
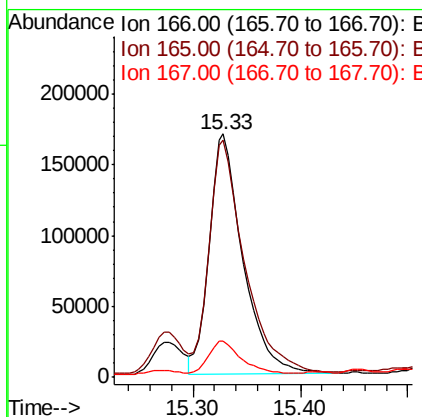
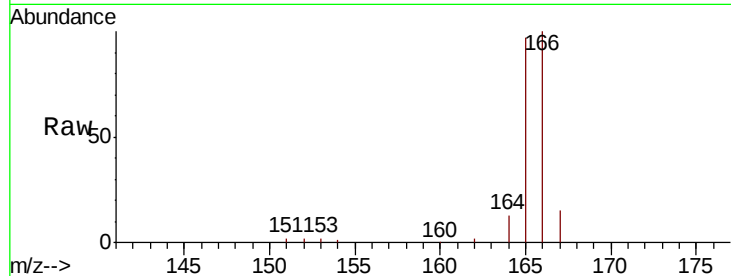
#9
Fluorene
 Concen: 7.660 ng/ul
 RT: 15.33 min Scan# 3285
 Delta R.T. 0.00 min
 Lab File: BN008103.D
 Acq: 12 Oct 2019 08:47

Instrument :
 BNA_N
 ClientSampleId :
 JLM79

Tot Ion:166 Resp: 367074
 Ion Ratio Lower Upper
 166 100
 165 97.2 76.6 115.0
 167 15.1 11.7 17.5

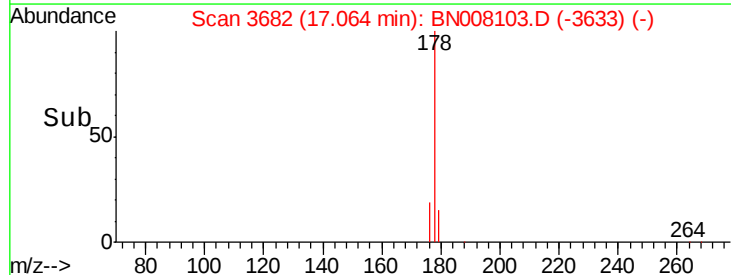
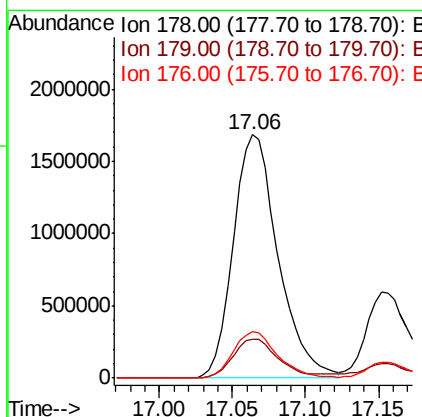
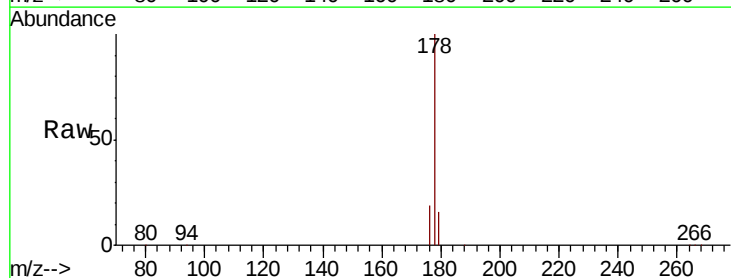
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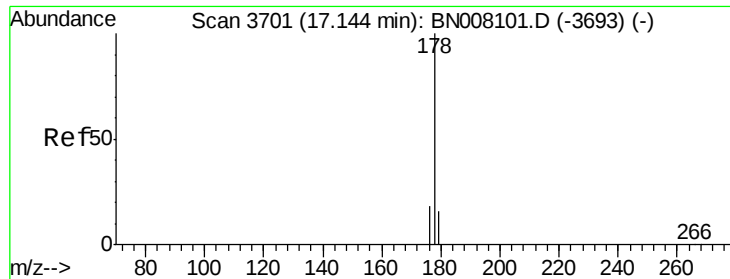
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#12
Phenanthrene
 Concen: 50.759 ng/ul m
 RT: 17.06 min Scan# 3682
 Delta R.T. 0.01 min
 Lab File: BN008103.D
 Acq: 12 Oct 2019 08:47

Tgt Ion:178 Resp: 3591054
 Ion Ratio Lower Upper
 178 100
 179 16.1 12.8 19.2
 176 18.9 15.4 23.2





#13

Anthracene

Concen: 19.799 ng/ul m

RT: 17.15 min Scan# 3703

Delta R.T. 0.00 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

JLM79

Tot Ion:178 Resp: 1232661

Ion Ratio Lower Upper

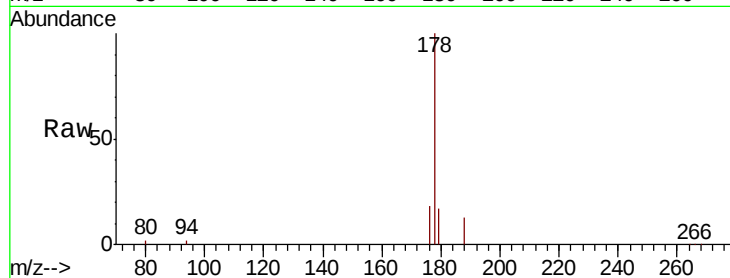
178 100

179 16.7 13.0 19.6

176 18.2 15.0 22.6

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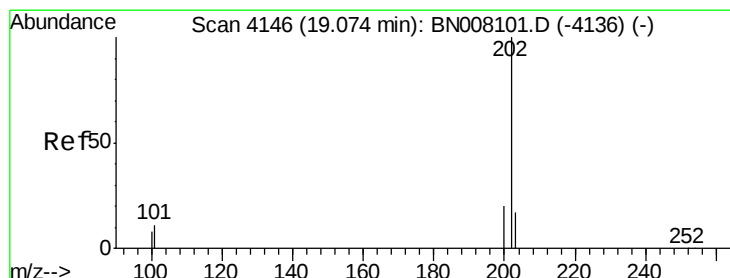
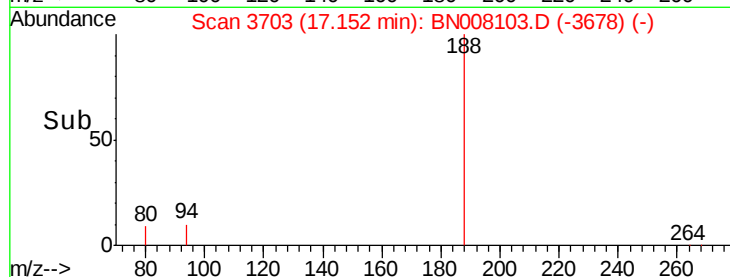
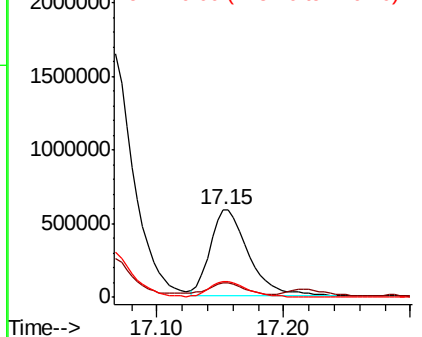


Abundance

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



#15

Fluoranthene

Concen: 110.307 ng/ul m

RT: 19.10 min Scan# 4152

Delta R.T. 0.02 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

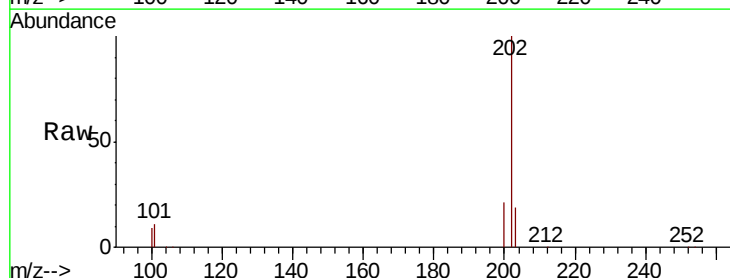
Tgt Ion:202 Resp:10306875

Ion Ratio Lower Upper

202 100

101 11.2 0.0 31.2

100 8.5 0.0 28.5

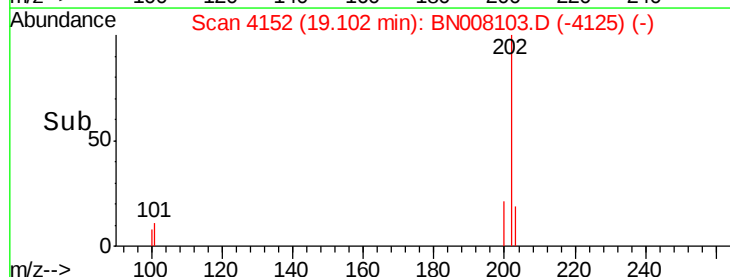
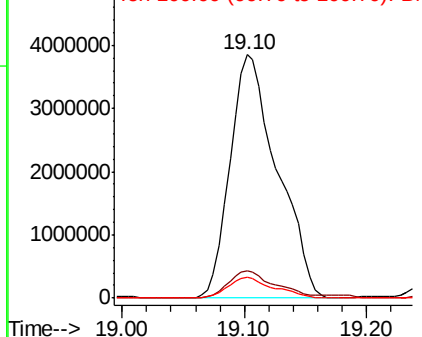


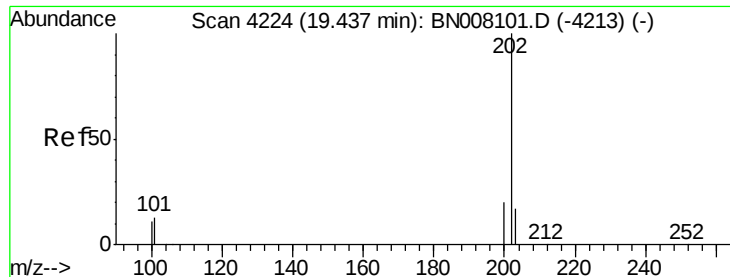
Abundance

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

Pvrene

Concen: 125.823 ng/ul

RT: 19.48 min Scan# 4234

Delta R.T. 0.04 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

JLM79

Tot Ion:202 Resp:10495695

Ion Ratio Lower Upper

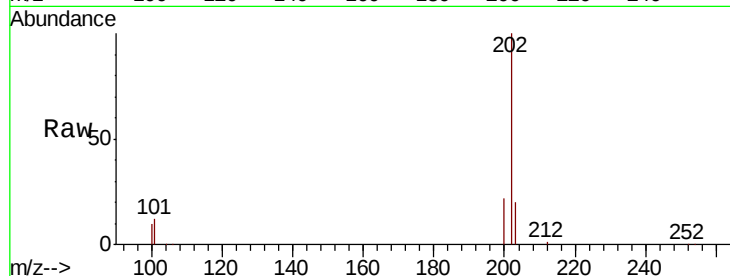
202 100

101 12.4 10.9 16.3

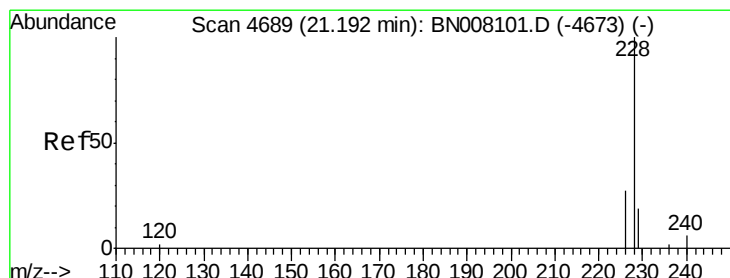
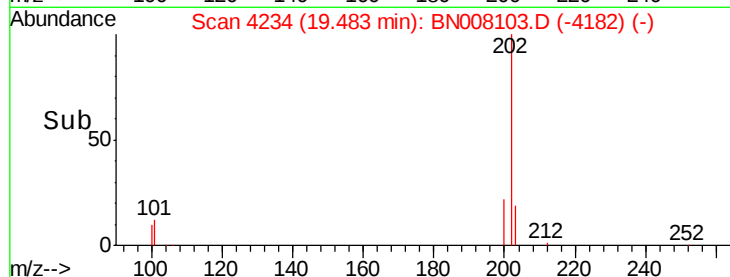
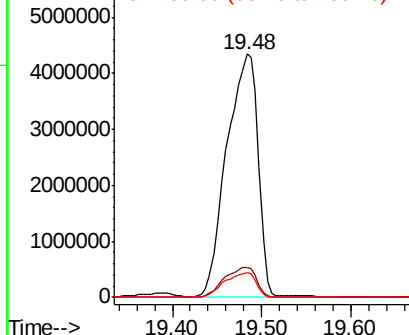
100 10.1 8.7 13.1

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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): E



#18

Benzo(a)anthracene

Concen: 69.992 ng/ul m

RT: 21.22 min Scan# 4697

Delta R.T. 0.01 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

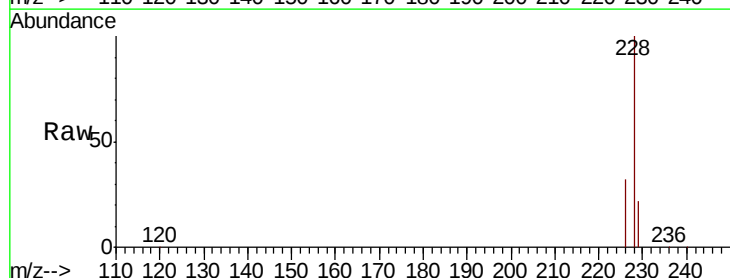
Tgt Ion:228 Resp: 5331108

Ion Ratio Lower Upper

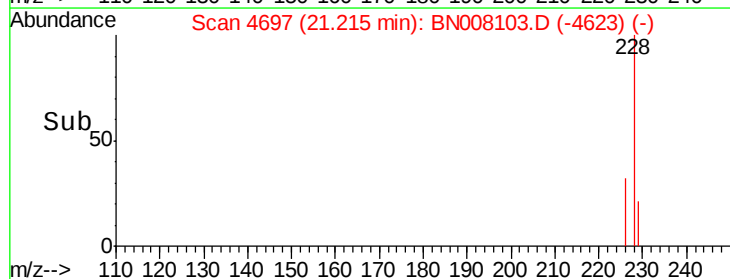
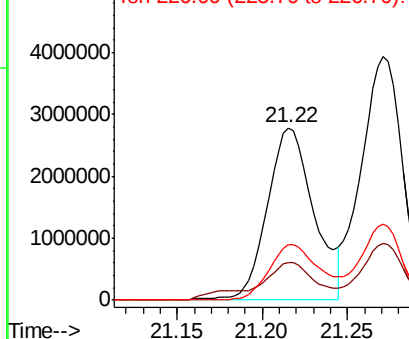
228 100

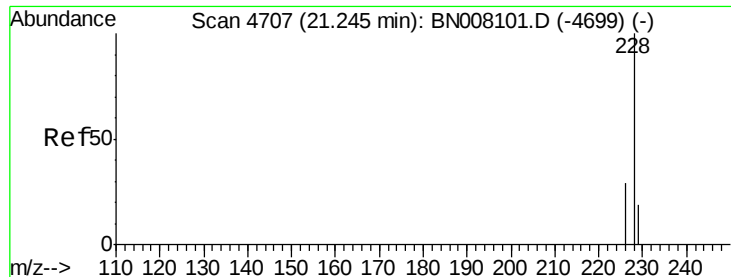
229 21.9 16.2 24.2

226 32.3 21.4 32.0#



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: 70.667 ng/ul

RT: 21.27 min Scan# 4716

Delta R.T. 0.02 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

Instrument :

BNA_N

ClientSampleId :

JLM79

Tot Ion:228 Resp: 6605489

Ion Ratio Lower Upper

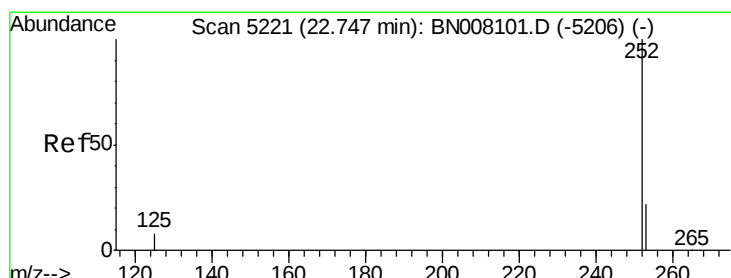
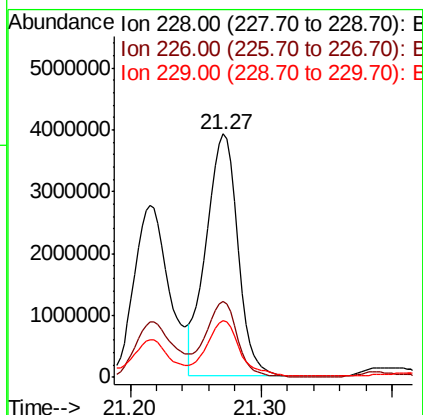
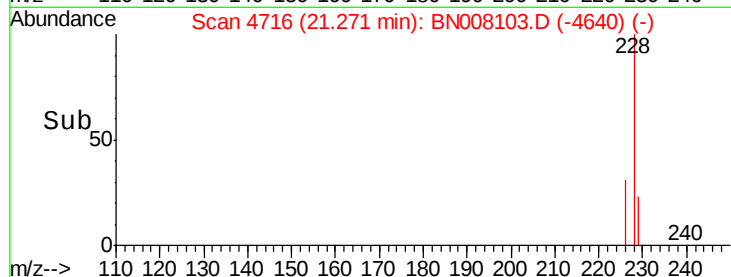
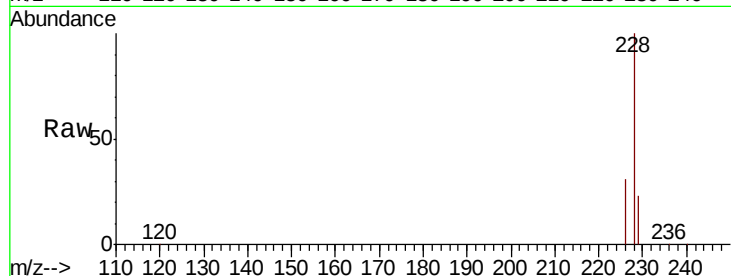
228 100

226 31.3 24.1 36.1

229 23.4 16.2 24.2

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#21

Benzo(b)fluoranthene

Concen: 4.680 ng/ul m

RT: 22.81 min Scan# 5241

Delta R.T. 0.05 min

Lab File: BN008103.D

Acq: 12 Oct 2019 08:47

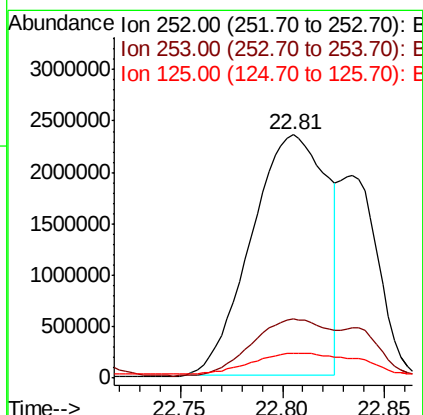
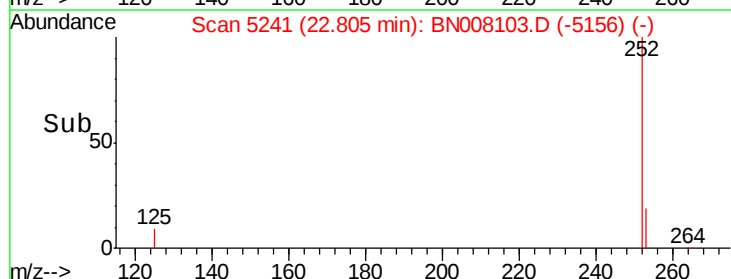
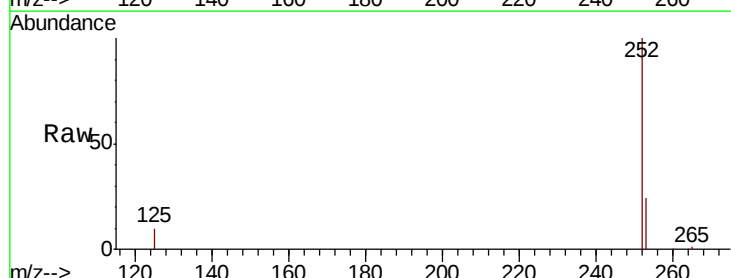
Tgt Ion:252 Resp: 6016953

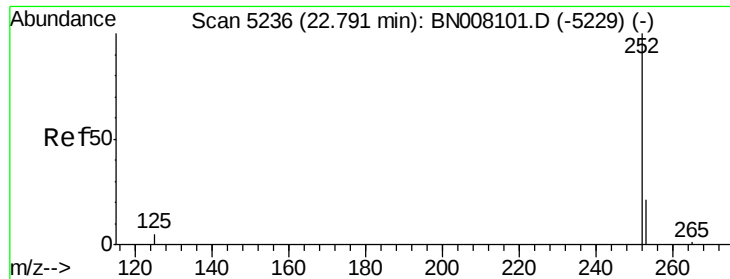
Ion Ratio Lower Upper

252 100

253 24.2 0.0 53.4

125 10.3 0.0 32.4





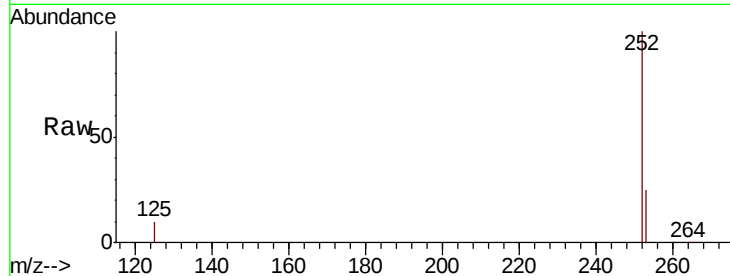
#22
Benzo(k)fluoranthene
Concen: 1.484 ng/ul m
RT: 22.83 min Scan# 5251
Delta R.T. 0.04 min
Lab File: BN008103.D
Acq: 12 Oct 2019 08:47

Instrument :
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ClientSampleId :
JLM79

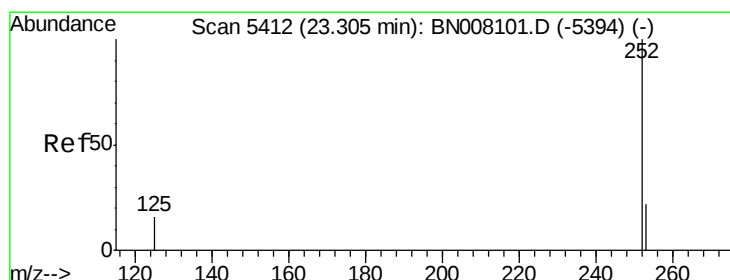
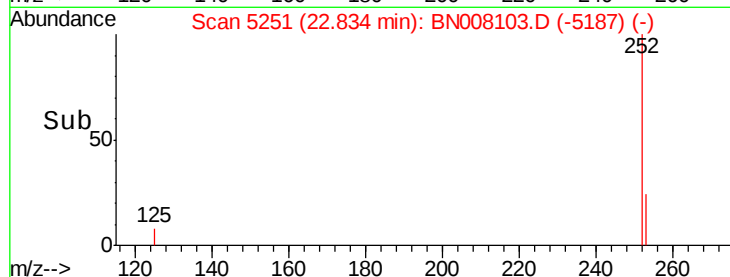
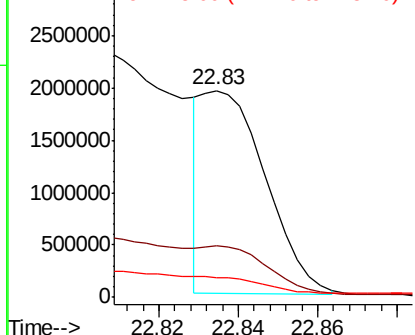
Tot Ion:252 Resp: 2161206
Ion Ratio Lower Upper
252 100
253 24.7 21.3 31.9
125 9.8 12.3 18.5#

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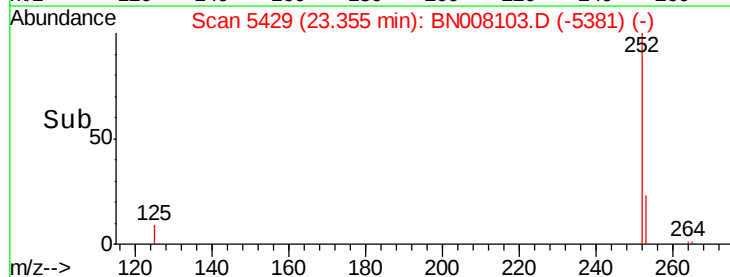
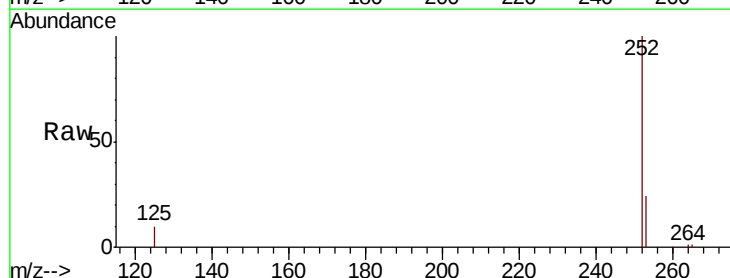
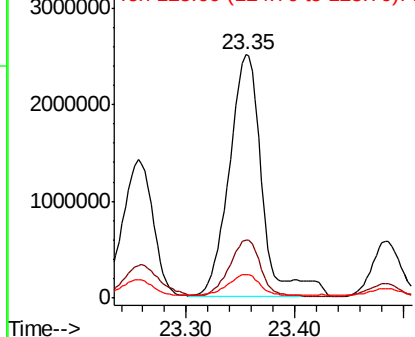
Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

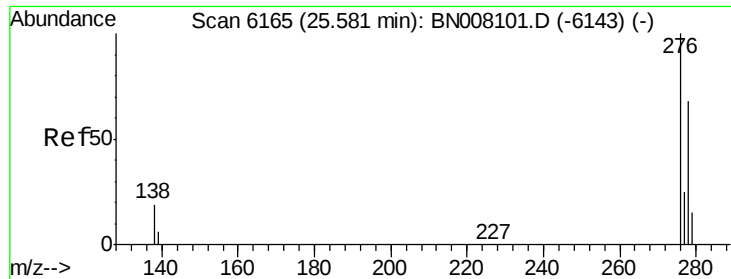


#23
Benzo(a)pyrene
Concen: 3.926 ng/ul
RT: 23.35 min Scan# 5429
Delta R.T. 0.04 min
Lab File: BN008103.D
Acq: 12 Oct 2019 08:47

Tgt Ion:252 Resp: 5311467
Ion Ratio Lower Upper
252 100
253 23.9 22.8 34.2
125 9.8 18.4 27.6#

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





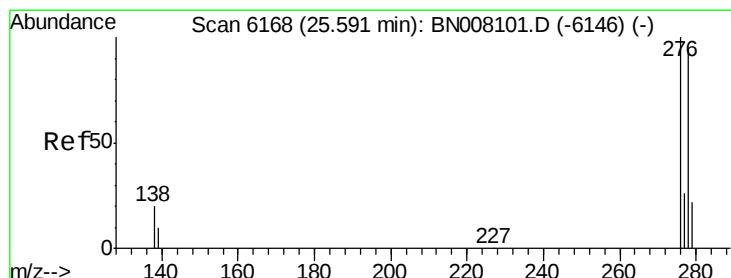
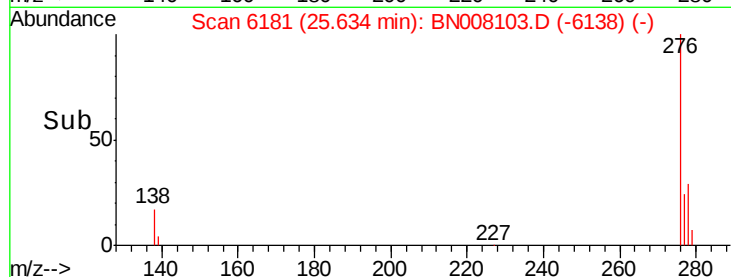
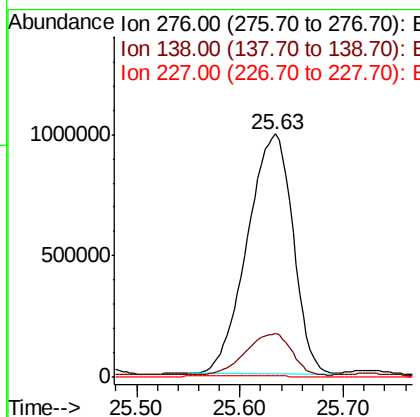
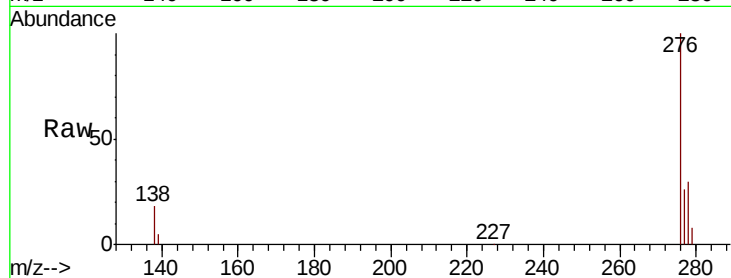
#24
Indeno(1,2,3-cd)pyrene
Concen: 1.906 ng/ul
RT: 25.63 min Scan# 6181
Delta R.T. 0.04 min
Lab File: BN008103.D
Acq: 12 Oct 2019 08:47

Instrument :
BNA_N
ClientSampleId :
JLM79

Tot Ion: 276 Resp: 3037455
Ion Ratio Lower Upper
276 100
138 17.2 16.1 24.1
227 0.0 0.2 0.2#

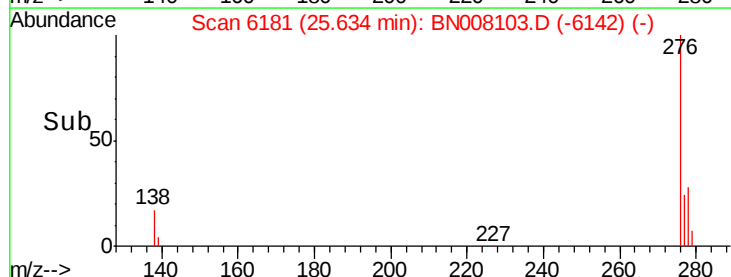
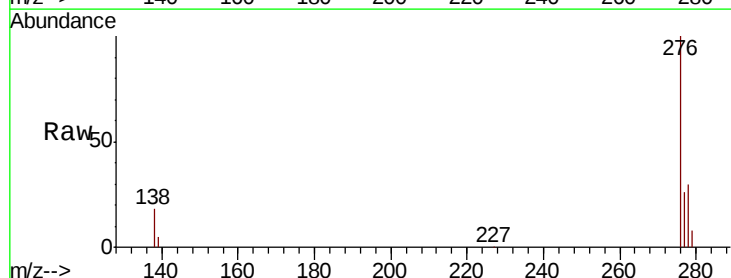
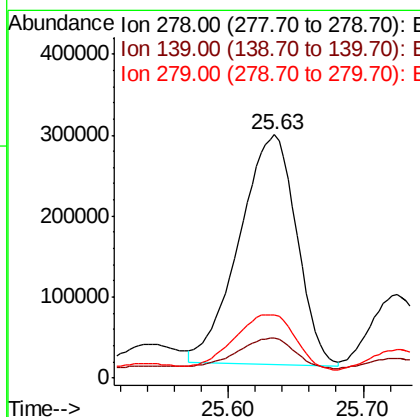
Manual Integrations
APPROVED

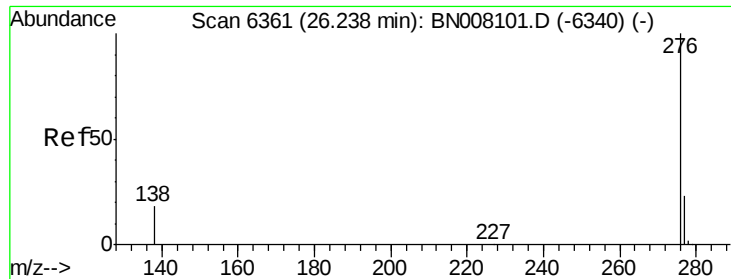
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#25
Dibenzo(a,h)anthracene
Concen: 0.664 ng/ul
RT: 25.63 min Scan# 6181
Delta R.T. 0.03 min
Lab File: BN008103.D
Acq: 12 Oct 2019 08:47

Tgt Ion: 278 Resp: 836601
Ion Ratio Lower Upper
278 100
139 16.4 15.0 22.6
279 26.1 22.4 33.6





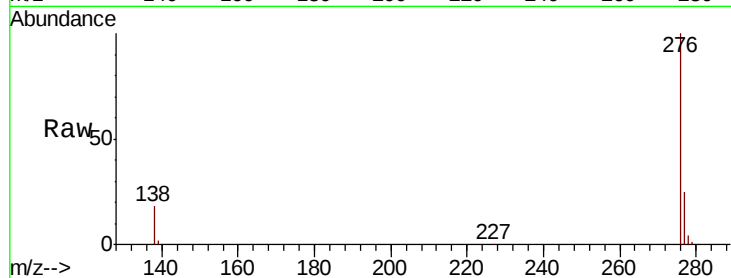
#26
 Benzo(a,h,i)perylene
 Concen: 1.737 ng/ul
 RT: 26.31 min Scan# 6382
 Delta R.T. 0.06 min
 Lab File: BN008103.D
 Acq: 12 Oct 2019 08:47

Instrument :
 BNA_N
 ClientSampleId :
 JLM79

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	17.0	25.4
277	24.7	20.4	30.6

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

