

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008091.D
 Acq On : 12 Oct 2019 00:27
 Operator : JU
 Sample : K5124-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLM50

Manual Integrations
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mohammad
 10/15/2019 7:57:24 AM

Quant Time: Oct 13 01:12:06 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	2381	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	10939	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7184	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	16615m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	18511m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	16960m	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4178	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.04	212	14428m	0.25	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.44	128	26136	0.839	ng/ul	98
5) 2-Methylnaphthalene	12.07	142	9143	0.428	ng/ul	99
7) Acenaphthylene	13.98	152	97292	2.843	ng/ul	99
8) Acenaphthene	14.32	153	10381	0.390	ng/ul	98
9) Fluorene	15.31	166	29651	0.981	ng/ul	98
11) Pentachlorophenol	16.67	266	469m	0.117	ng/ul	
12) Phenanthrene	17.05	178	561027m	11.533	ng/ul	
13) Anthracene	17.14	178	59116m	1.381	ng/ul	
15) Fluoranthene	19.07	202	814350m	12.675	ng/ul	
17) Pyrene	19.44	202	861130	11.683	ng/ul	98
18) Benzo(a)anthracene	21.19	228	325131m	4.831	ng/ul	
19) Chrysene	21.24	228	431316	5.222	ng/ul	97
21) Benzo(b)fluoranthene	22.75	252	570654m	10.336	ng/ul	
22) Benzo(k)fluoranthene	22.79	252	177271m	2.834	ng/ul	
23) Benzo(a)pyrene	23.31	252	445184m	7.663	ng/ul	
24) Indeno(1,2,3-cd)pyrene	25.58	276	264970	3.872	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.58	278	56005	1.035	ng/ul#	88
26) Benzo(g,h,i)perylene	26.24	276	264021	4.208	ng/ul	98

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

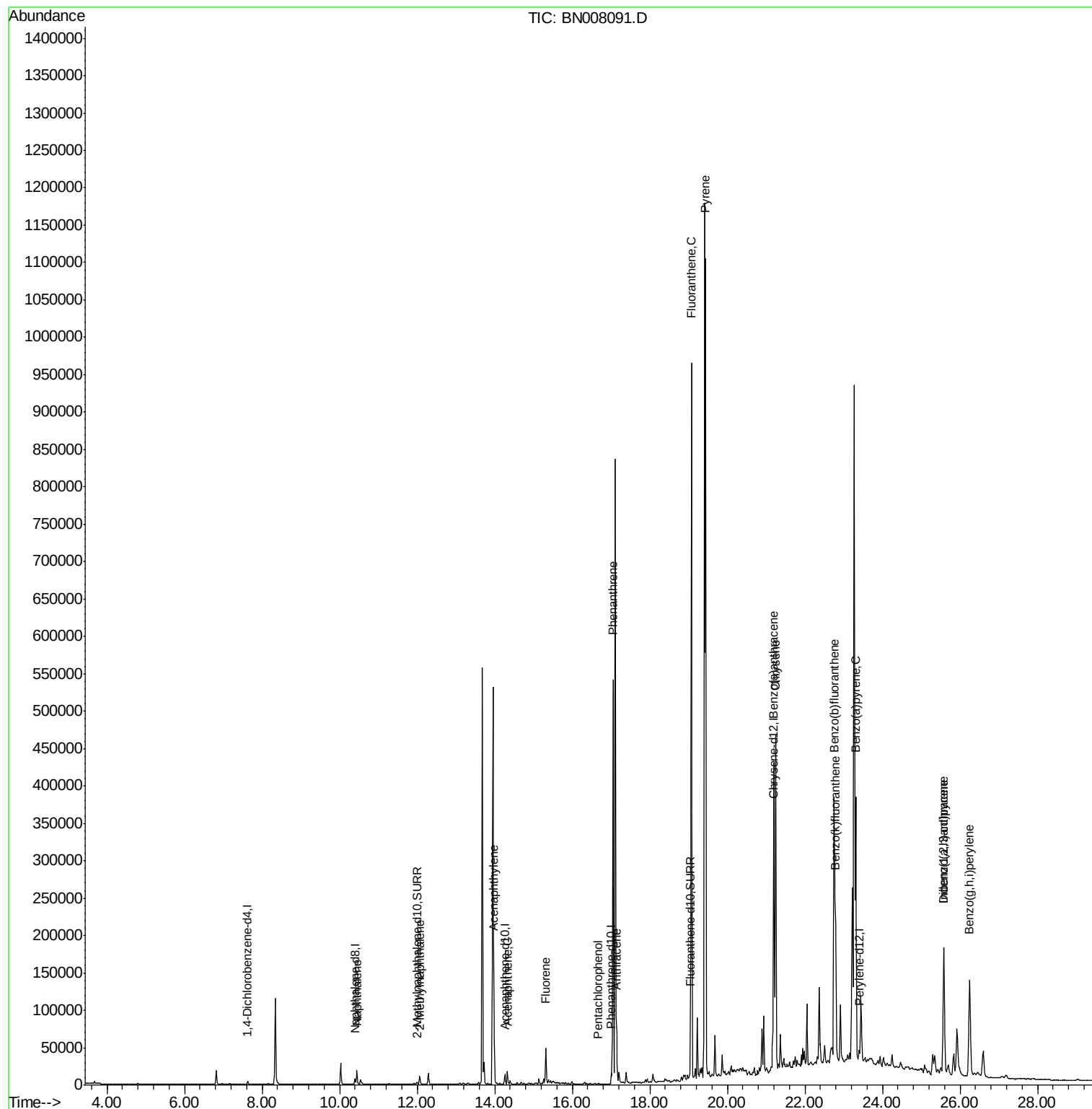
Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
Data File : BN008091.D
Acq On : 12 Oct 2019 00:27
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Misc :
ALS Vial : 24 Sample Multiplier: 1

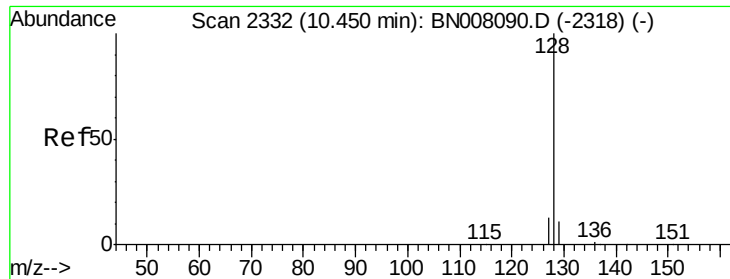
Instrument :
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JLM50

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Quant Time: Oct 13 01:12:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN101019.M
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QLast Update : Fri Oct 11 19:05:54 2019
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#3

Naphthalene

Concen: 0.839 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

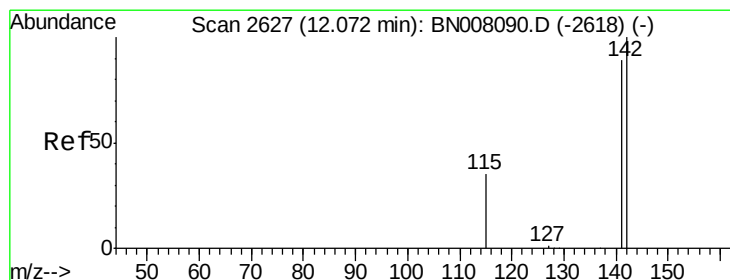
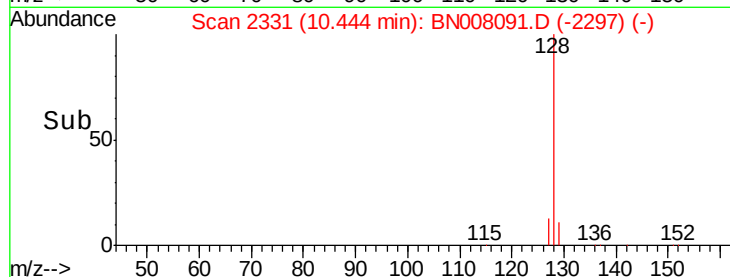
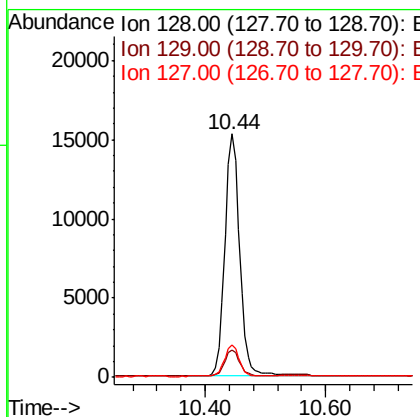
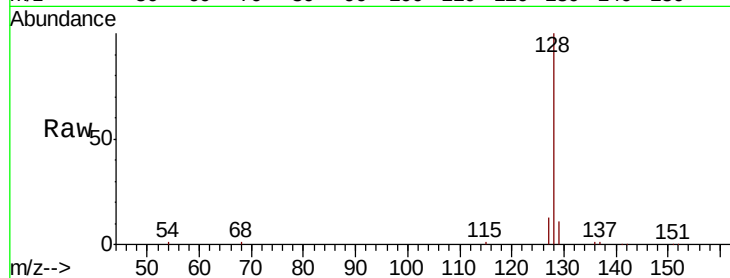
ClientSampleId :

JLM50

Tot Ion:	128	Resp:	26136
Ion	Ratio	Lower	Upper
128	100		
129	11.4	9.8	14.8
127	13.3	11.1	16.7

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#5

2-Methylnaphthalene

Concen: 0.428 ng/ul

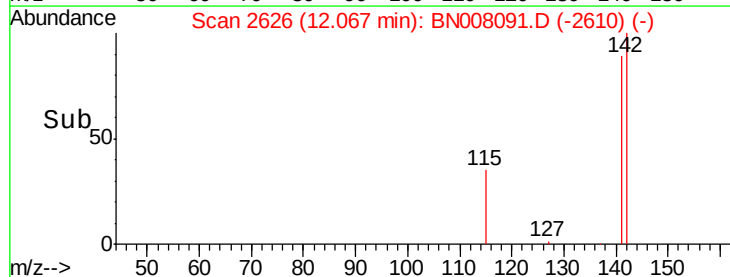
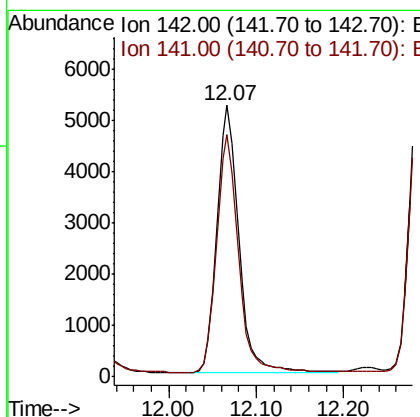
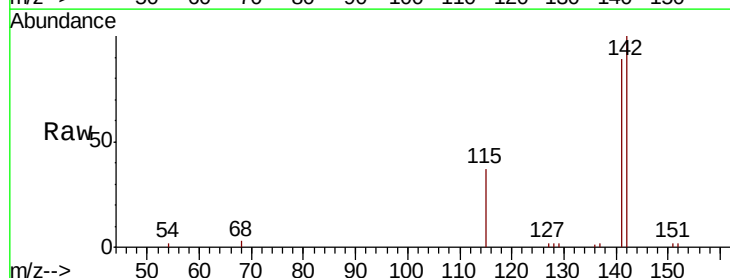
RT: 12.07 min Scan# 2626

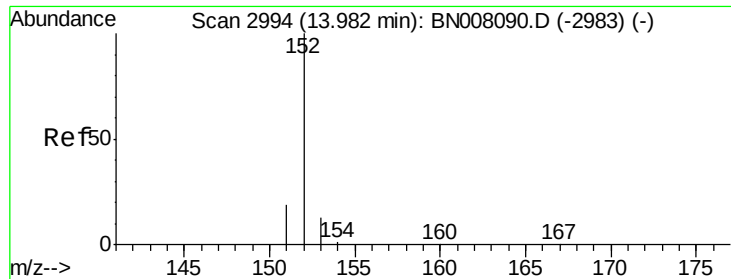
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	142	Resp:	9143
Ion	Ratio	Lower	Upper
142	100		
141	88.1	71.4	107.2





#7

Acenaphthylene

Concen: 2.843 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

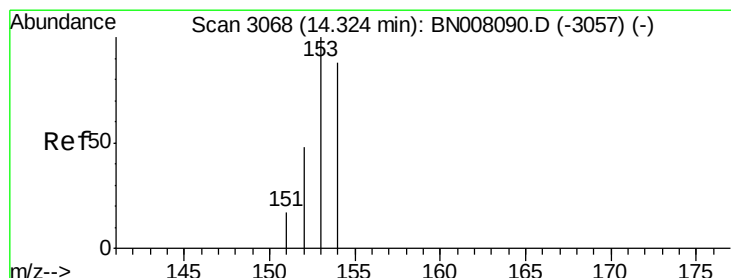
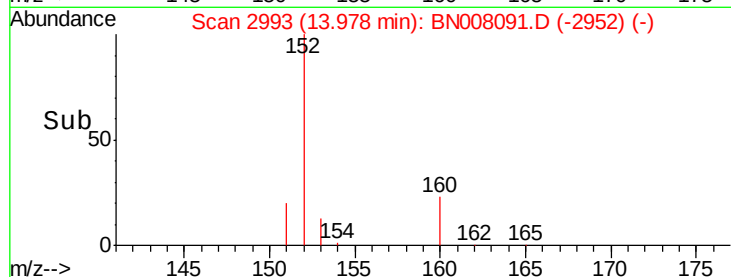
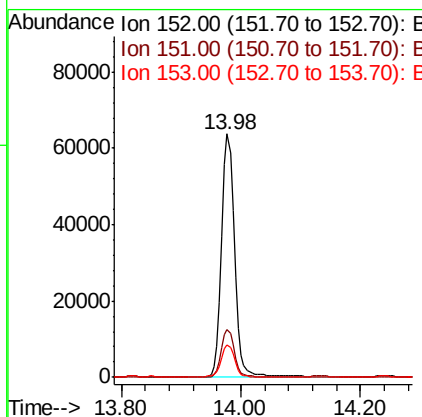
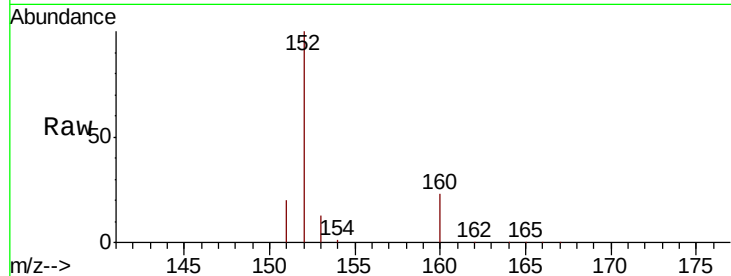
ClientSampleId :

JLM50

Tot Ion:	152	Resp:	97292
Ion Ratio	Lower	Upper	
152	100		
151	19.6	16.2	24.4
153	13.4	11.0	16.4

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#8

Acenaphthene

Concen: 0.390 ng/ul

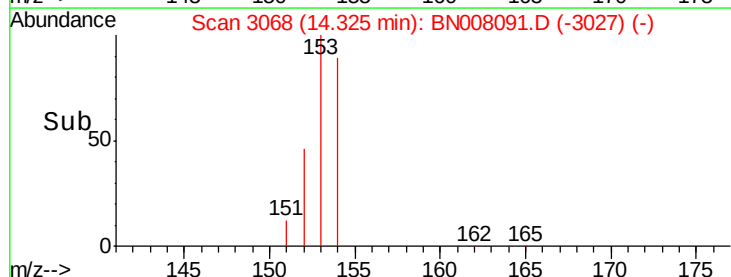
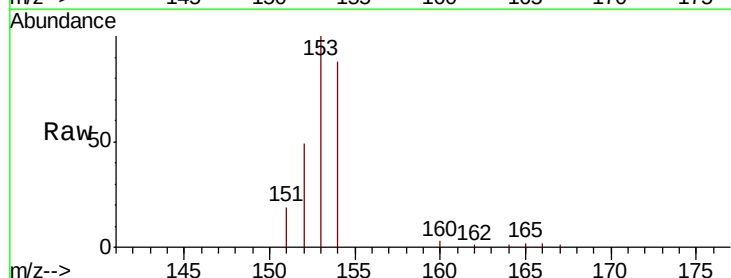
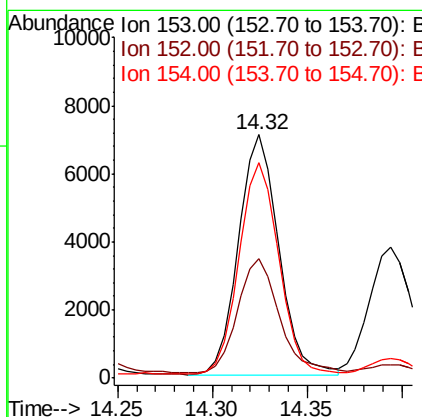
RT: 14.32 min Scan# 3068

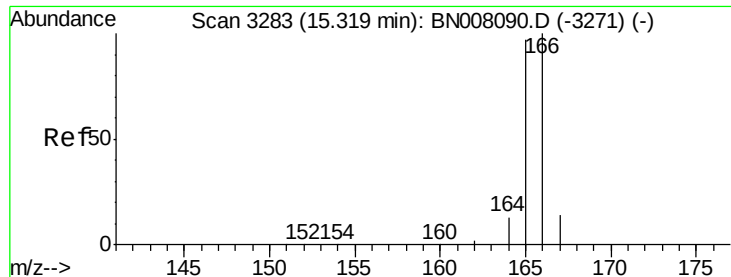
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	153	Resp:	10381
Ion Ratio	Lower	Upper	
153	100		
152	48.8	38.2	57.2
154	88.3	71.8	107.8





#9

Fluorene

Concen: 0.981 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

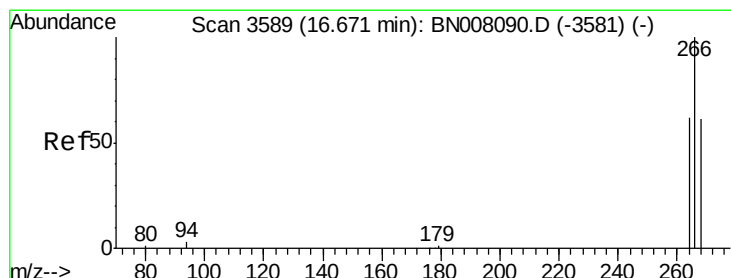
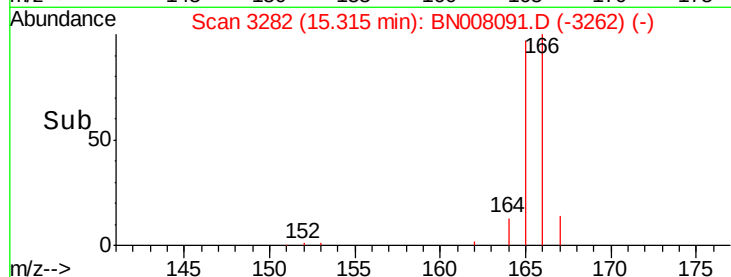
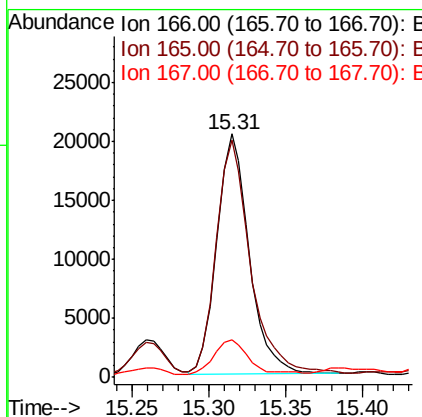
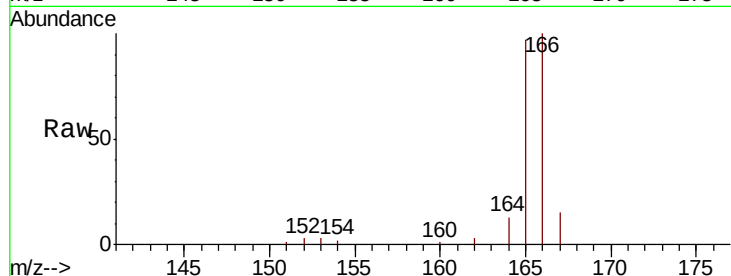
ClientSampleId :

JLM50

Tot Ion:	166	Resp:	29651
Ion Ratio	Lower	Upper	
166	100		
165	97.4	76.6	115.0
167	15.3	11.7	17.5

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#11

Pentachlorophenol

Concen: 0.117 ng/ul m

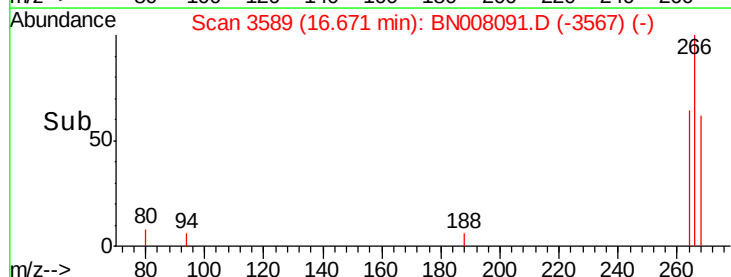
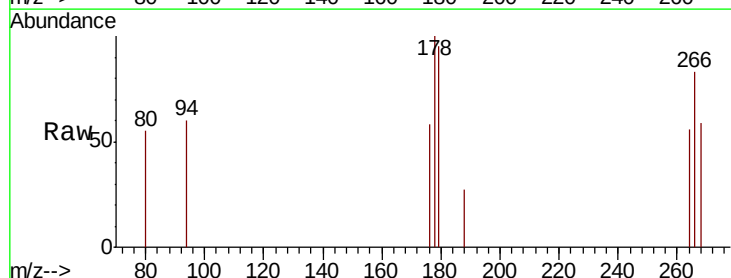
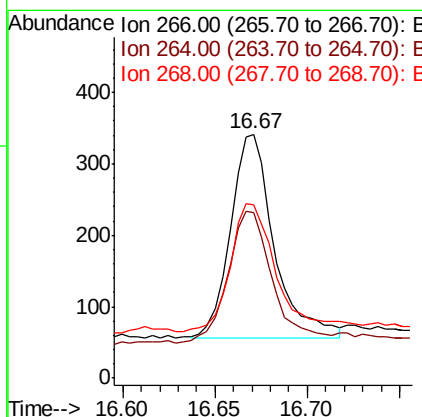
RT: 16.67 min Scan# 3589

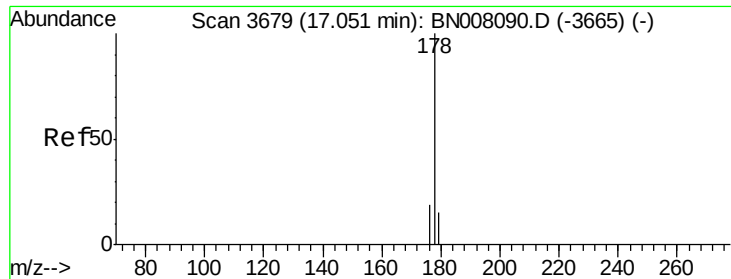
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	266	Resp:	469
Ion Ratio	Lower	Upper	
266	100		
264	0.0	50.1	75.1#
268	0.0	51.9	77.9#





#12

Phenanthrene

Concen: 11.533 ng/ul m

RT: 17.05 min Scan# 3678

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

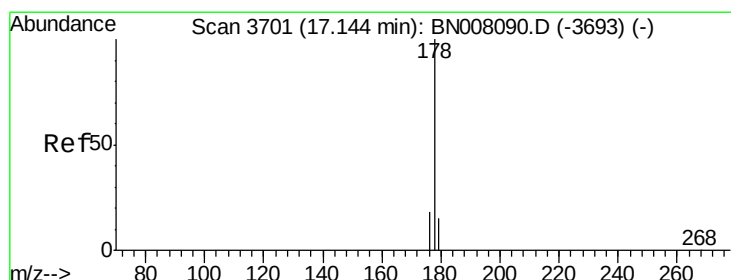
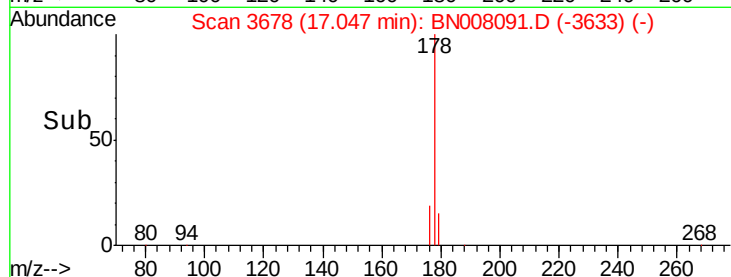
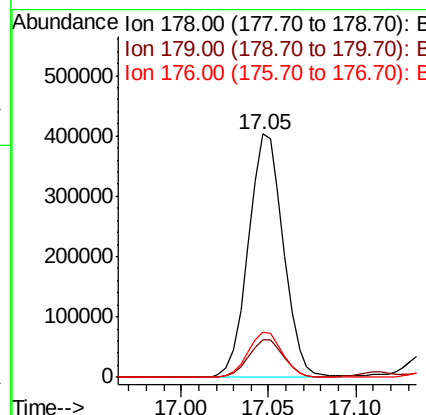
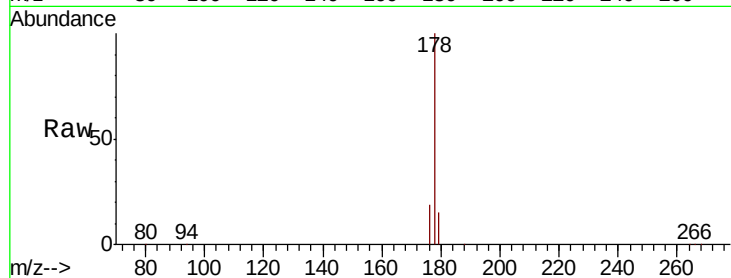
ClientSampleId :

JLM50

Tot Ion:178	Resp:	561027
Ion Ratio	Lower	Upper
178	100	
179	15.4	12.8 19.2
176	18.8	15.4 23.2

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#13

Anthracene

Concen: 1.381 ng/ul m

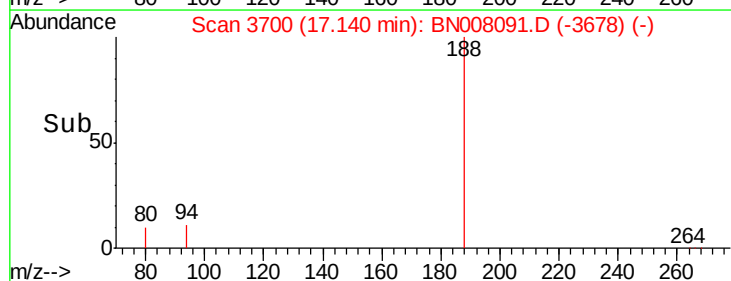
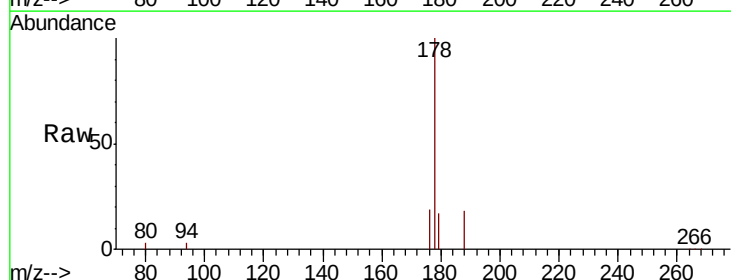
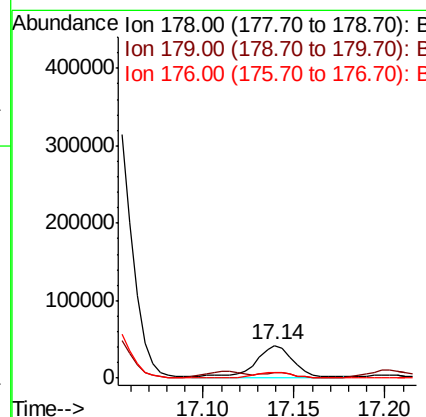
RT: 17.14 min Scan# 3700

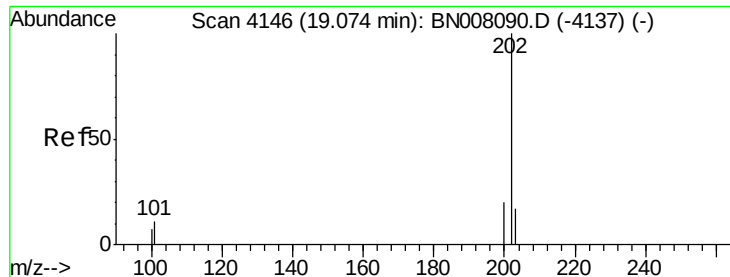
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:178	Resp:	59116
Ion Ratio	Lower	Upper
178	100	
179	16.5	13.0 19.6
176	18.5	15.0 22.6





#15

Fluoranthene

Concen: 12.675 ng/ul m

RT: 19.07 min Scan# 4145

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

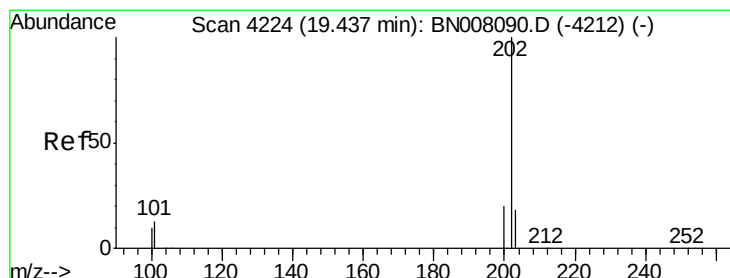
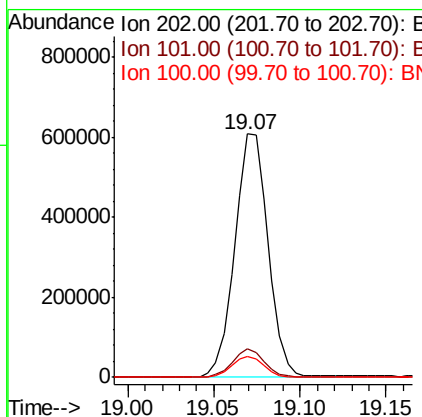
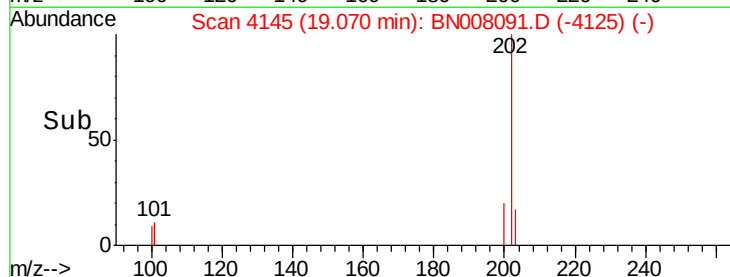
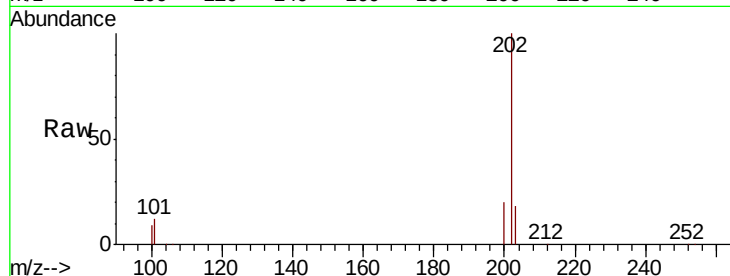
ClientSampleId :

JLM50

Tot Ion:	202	Resp:	814350
Ion Ratio	Lower	Upper	
202	100		
101	11.6	0.0	31.2
100	8.8	0.0	28.5

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#17

Pyrene

Concen: 11.683 ng/ul

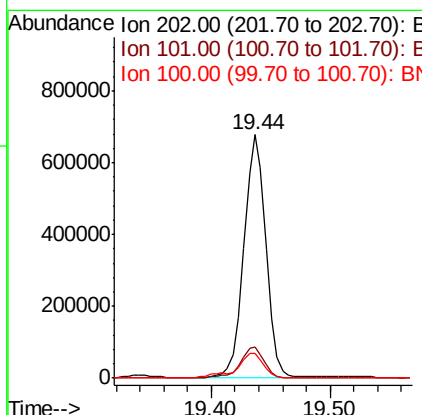
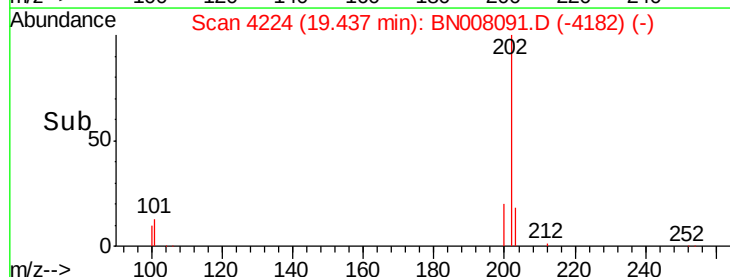
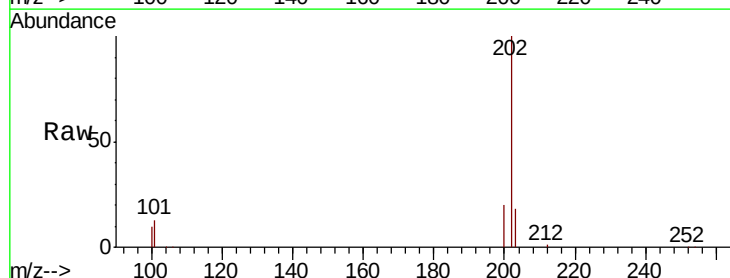
RT: 19.44 min Scan# 4224

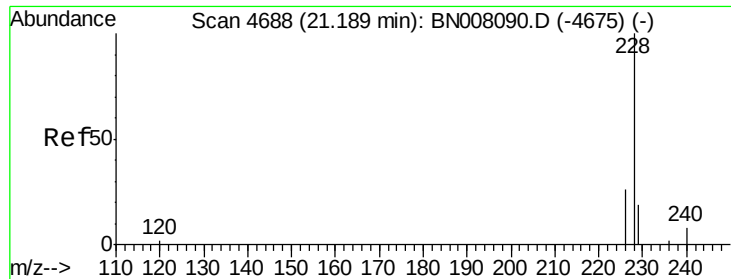
Delta R.T. -0.00 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	202	Resp:	861130
Ion Ratio	Lower	Upper	
202	100		
101	12.6	10.9	16.3
100	10.2	8.7	13.1





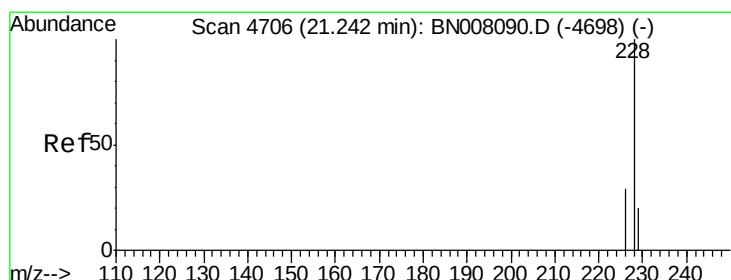
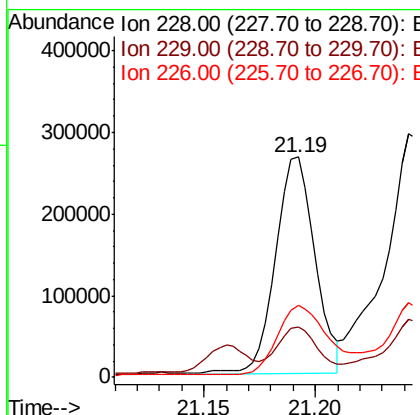
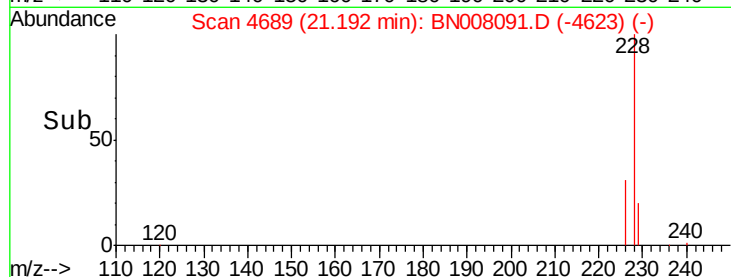
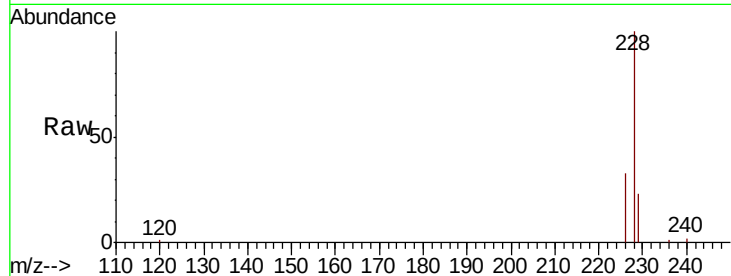
#18
Benzo(a)anthracene
Concen: 4.831 ng/ul m
RT: 21.19 min Scan# 4689
Delta R.T. -0.01 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Instrument :
BNA_N
ClientSampleId :
JLM50

Tot Ion	Ratio	Lower	Upper
228	100		
229	22.9	16.2	24.2
226	32.6	21.4	32.0

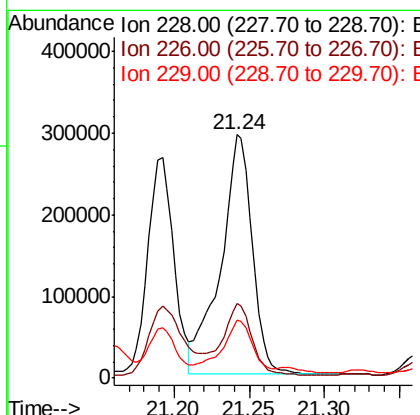
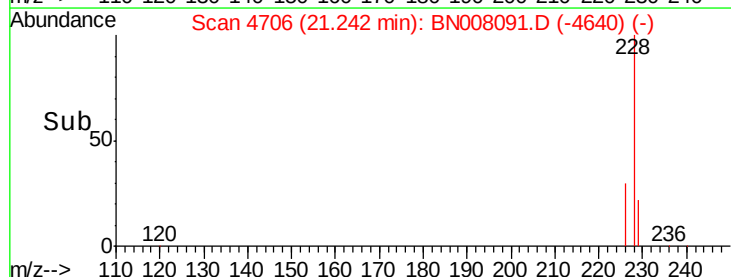
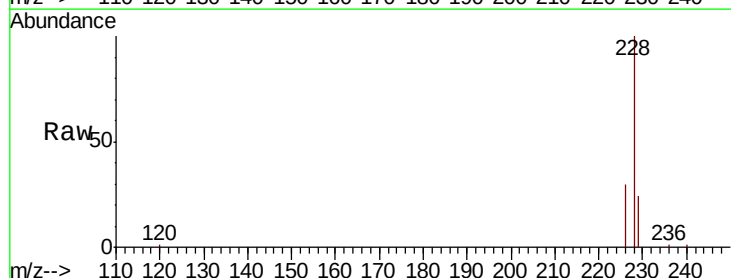
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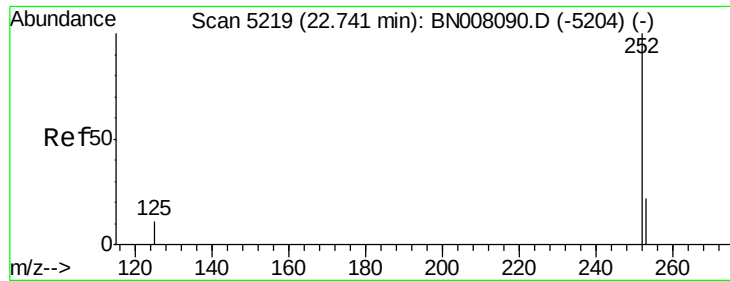
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#19
Chrysene
Concen: 5.222 ng/ul
RT: 21.24 min Scan# 4706
Delta R.T. -0.01 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.5	24.1	36.1
229	23.6	16.2	24.2





#21

Benzo(b)fluoranthene

Concen: 10.336 ng/ul m

RT: 22.75 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

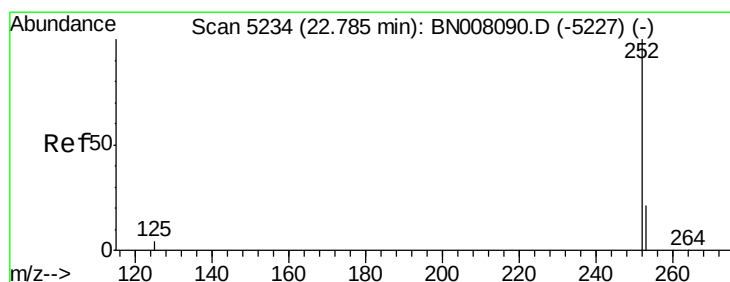
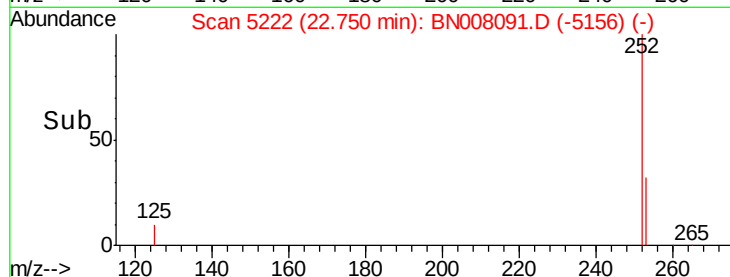
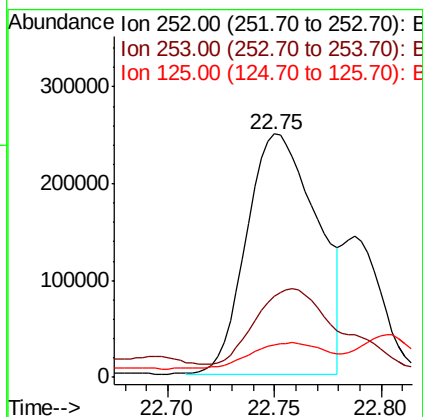
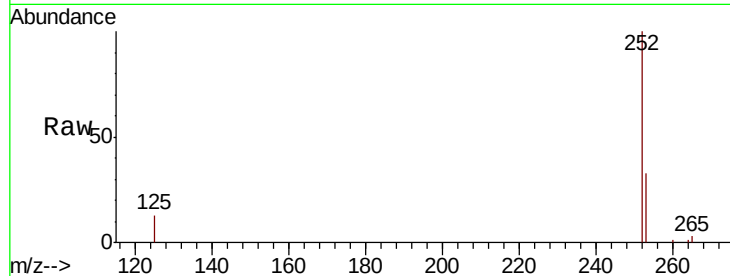
ClientSampleId :

JLM50

Tot Ion:	252	Resp:	570654
Ion Ratio	Lower	Upper	
252	100		
253	33.3	0.0	53.4
125	13.1	0.0	32.4

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#22

Benzo(k)fluoranthene

Concen: 2.834 ng/ul m

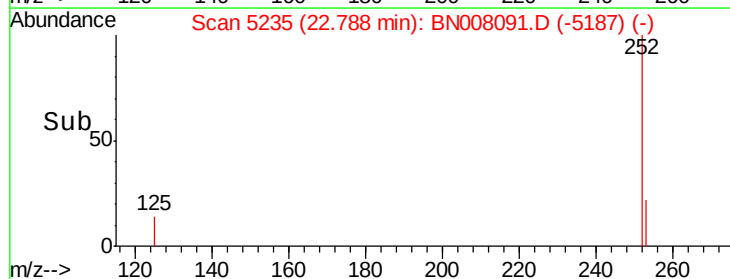
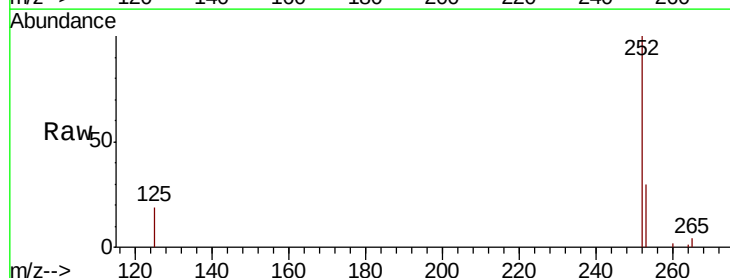
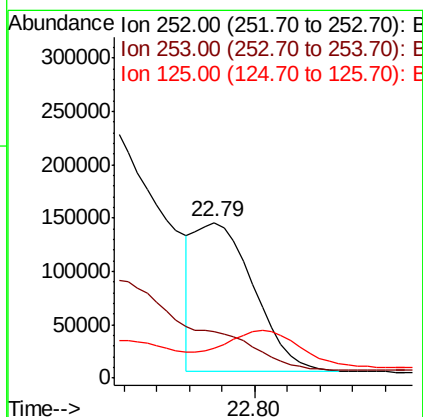
RT: 22.79 min Scan# 5235

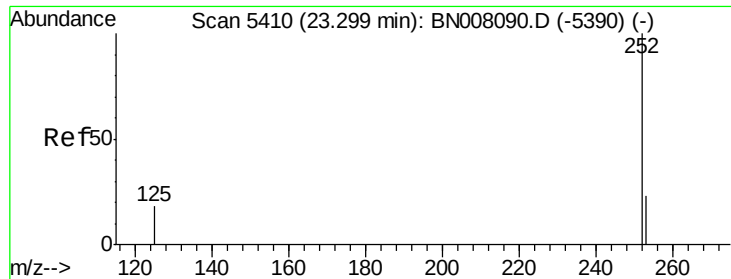
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	252	Resp:	177271
Ion Ratio	Lower	Upper	
252	100		
253	29.9	21.3	31.9
125	19.5	12.3	18.5#





#23

Benzo(a)pyrene

Concen: 7.663 ng/ul m

RT: 23.31 min Scan# 5413

Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Instrument :

BNA_N

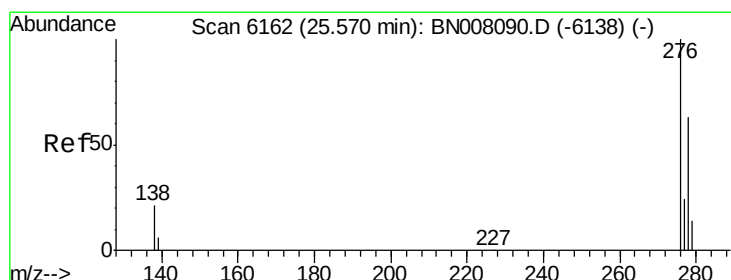
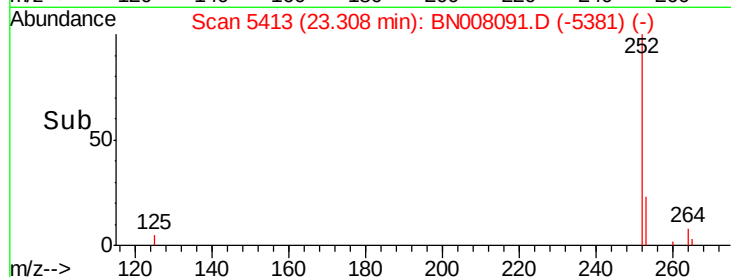
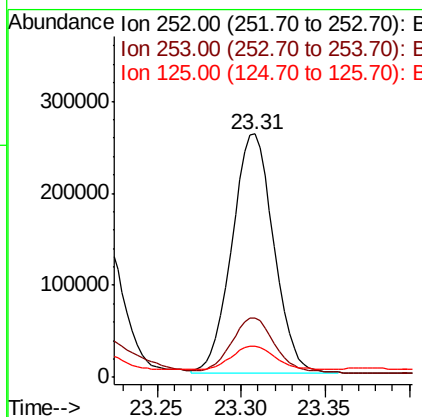
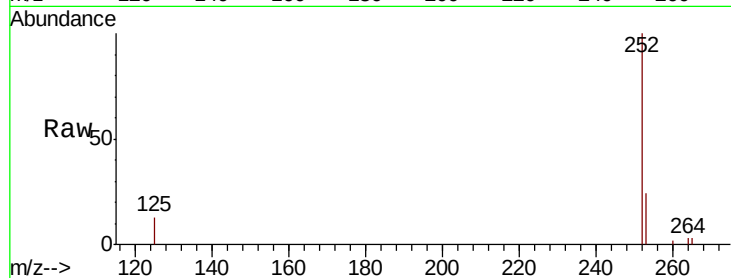
ClientSampleId :

JLM50

Tot Ion:	252	Resp:	445184
Ion Ratio	Lower	Upper	
252	100		
253	24.4	22.8	34.2
125	12.9	18.4	27.6#

Manual Integrations
APPROVED

mohammad
10/15/2019 7:57:24 AM



#24

Indeno(1,2,3-cd)pyrene

Concen: 3.872 ng/ul

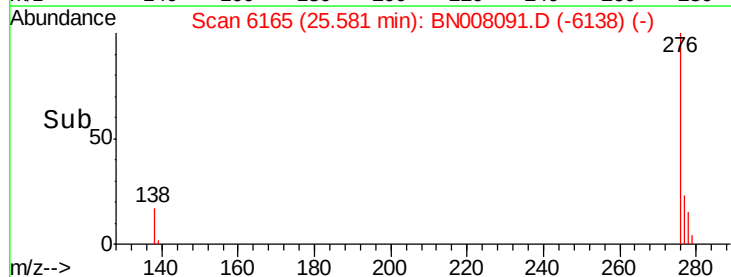
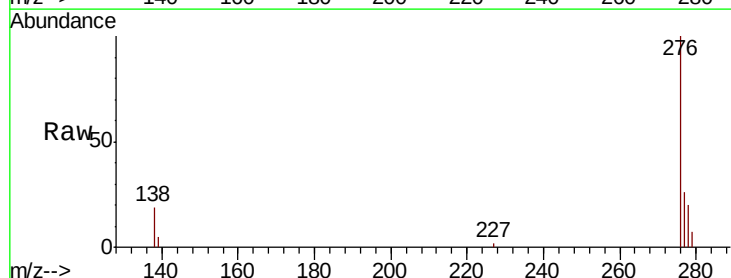
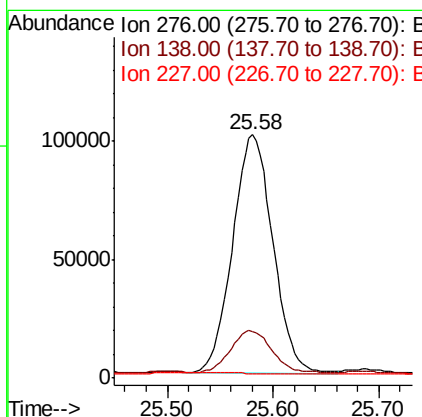
RT: 25.58 min Scan# 6165

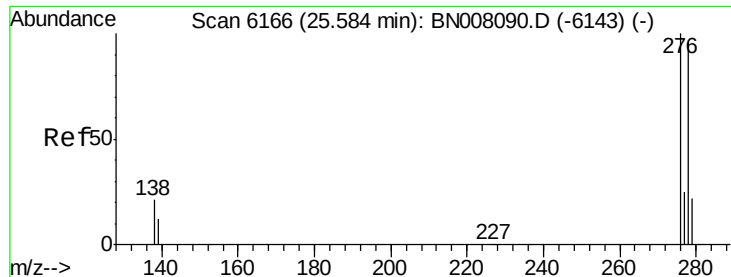
Delta R.T. -0.01 min

Lab File: BN008091.D

Acq: 12 Oct 2019 00:27

Tgt Ion:	276	Resp:	264970
Ion Ratio	Lower	Upper	
276	100		
138	18.1	16.1	24.1
227	0.0	0.2	0.2#





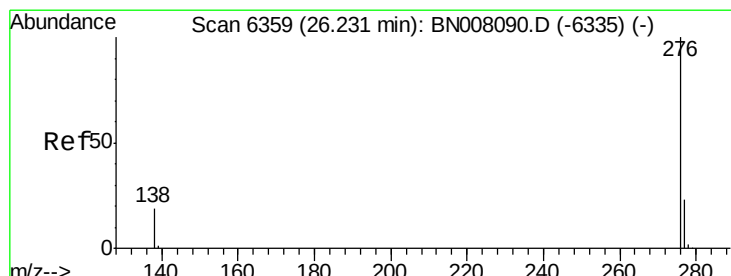
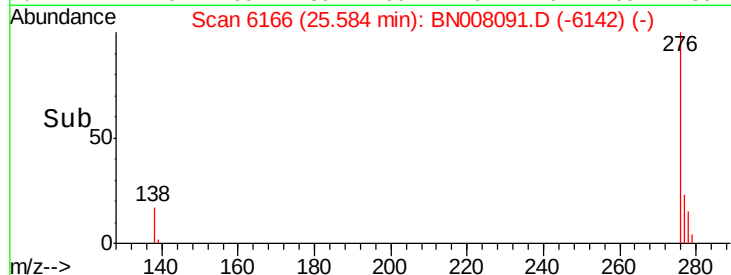
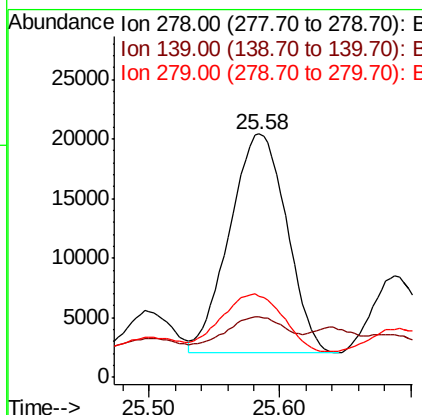
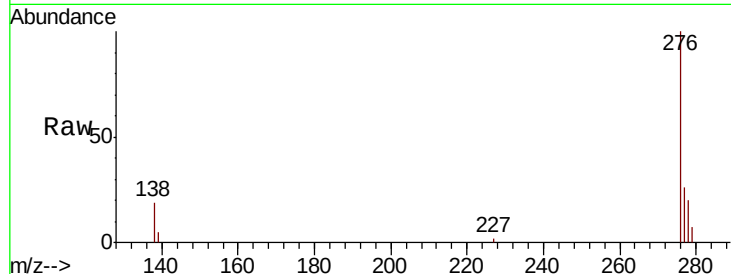
#25
Dibenzo(a,h)anthracene
Concen: 1.035 ng/ul
RT: 25.58 min Scan# 6166
Delta R.T. -0.02 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Instrument :
BNA_N
ClientSampled :
JLM50

Tot Ion	Ratio	Lower	Upper
278	100		
139	24.8	15.0	22.6#
279	33.5	22.4	33.6

Manual Integrations
APPROVED

mohammad
10/15/2019 7:57:24 AM



#26
Benzo(g,h,i)perylene
Concen: 4.208 ng/ul
RT: 26.24 min Scan# 6363
Delta R.T. -0.01 min
Lab File: BN008091.D
Acq: 12 Oct 2019 00:27

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.0	17.0	25.4
277	25.0	20.4	30.6

