

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008107.D
 Acq On : 12 Oct 2019 11:10
 Operator : JU
 Sample : K5124-18
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 JLMA7

Manual Integrations
 APPROVED

mohammad
 10/15/2019 7:58:28 AM

Quant Time: Oct 13 02:48:14 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	2801	0.40	ng/ul	0.00
2) Naphthalene-d8	10.39	136	13438	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	8712	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	19952m	0.40	ng/ul	0.00
16) Chrysene-d12	21.21	240	20219m	0.40	ng/ul	0.00
20) Perylene-d12	23.40	264	21010	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.00	152	3953	0.17	ng/ul	0.00
14) Fluoranthene-d10	19.05	212	13083m	0.19	ng/ul	0.00
Target Compounds					Ovalue	
3) Naphthalene	10.44	128	1058	0.028	ng/ul#	74
5) 2-Methylnaphthalene	12.07	142	1045	0.040	ng/ul	98
7) Acenaphthylene	13.98	152	2589	0.062	ng/ul#	84
12) Phenanthrene	17.05	178	2817m	0.048	ng/ul	
15) Fluoranthene	19.07	202	4049m	0.052	ng/ul	
17) Pyrene	19.44	202	4074	0.051	ng/ul#	80
18) Benzo(a)anthracene	21.20	228	1779	0.024	ng/ul#	1
19) Chrysene	21.25	228	2834	0.031	ng/ul#	35
21) Benzo(b)fluoranthene	22.76	252	3863m	0.056	ng/ul	
23) Benzo(a)pyrene	23.31	252	2029	0.028	ng/ul#	1

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

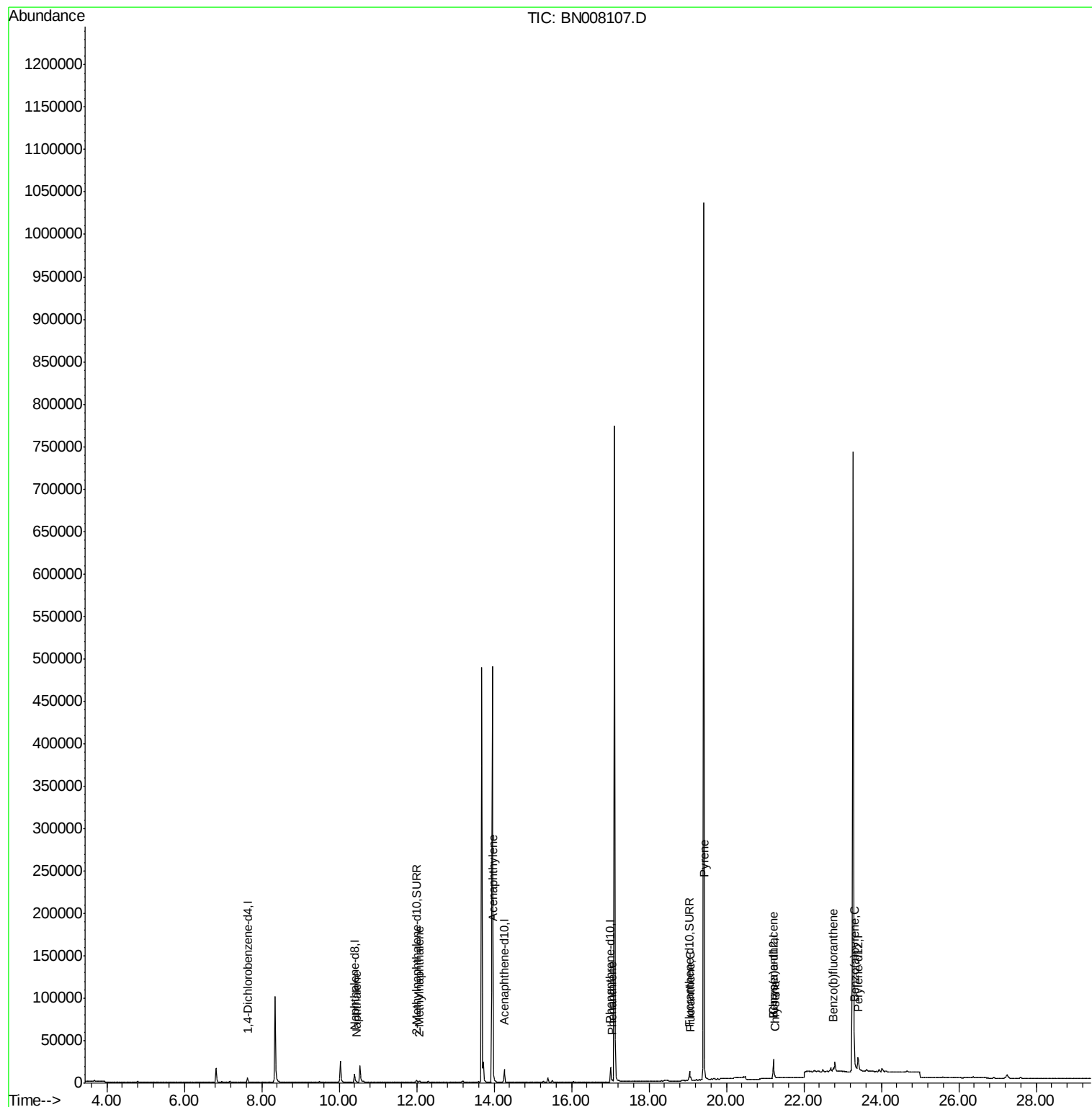
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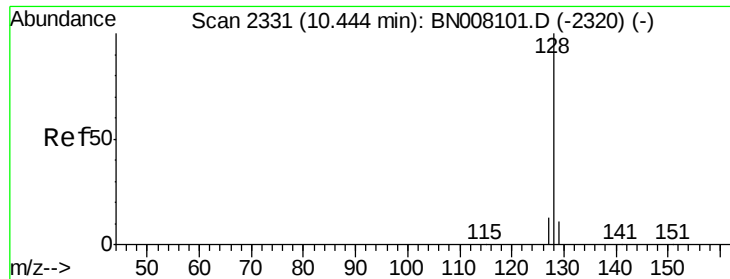
Instrument :
BNA_N
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JLMA7

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#3

Naphthalene

Concen: 0.028 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008107.D

Acq: 12 Oct 2019 11:10

Instrument :

BNA_N

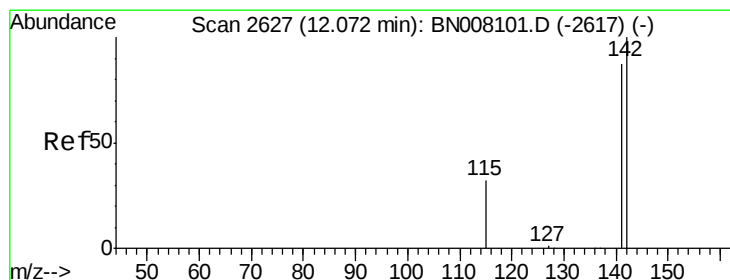
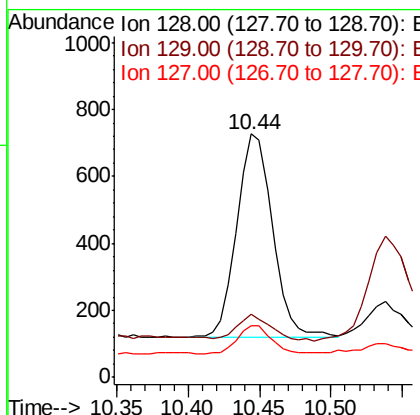
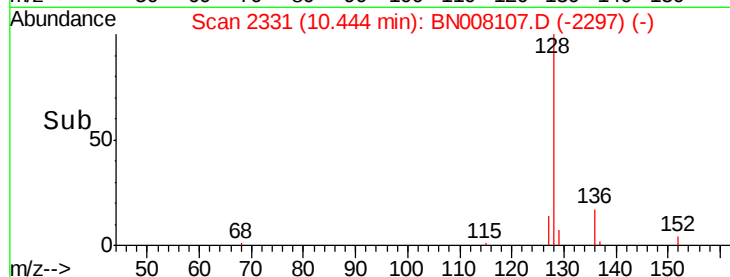
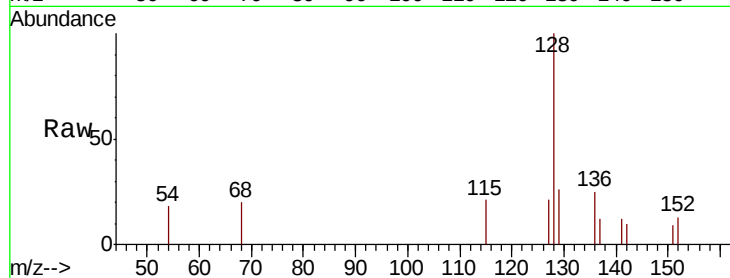
ClientSampleId :

JLMA7

Tot Ion:	128	Resp:	1058
Ion Ratio	Lower	Upper	
128	100		
129	26.0	9.8	14.8#
127	21.0	11.1	16.7#

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#5

2-Methylnaphthalene

Concen: 0.040 ng/ul

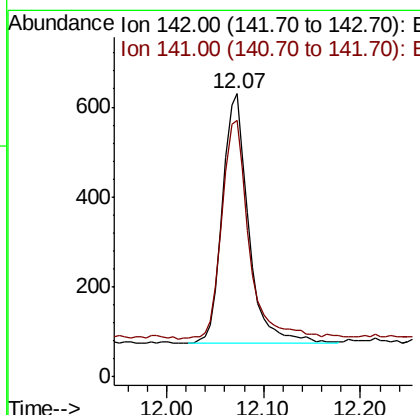
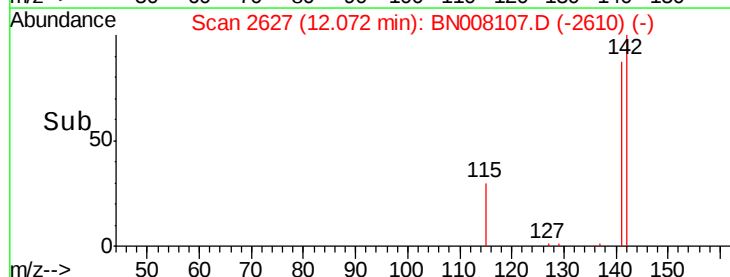
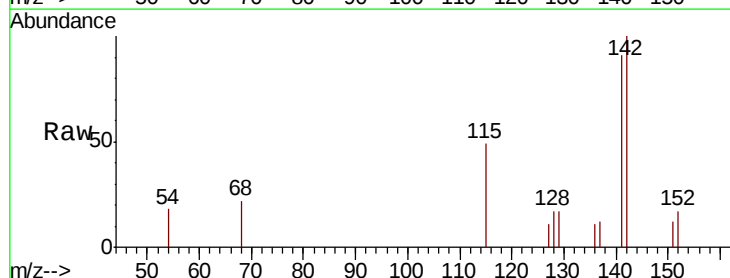
RT: 12.07 min Scan# 2627

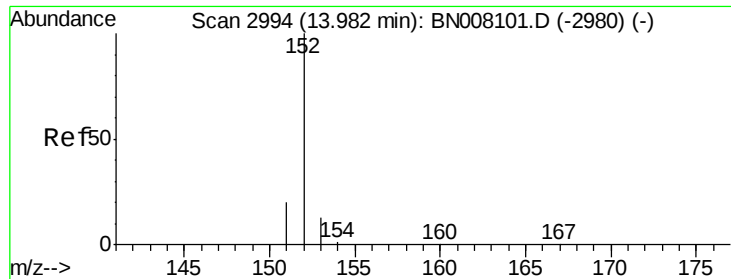
Delta R.T. -0.01 min

Lab File: BN008107.D

Acq: 12 Oct 2019 11:10

Tgt Ion:	142	Resp:	1045
Ion Ratio	Lower	Upper	
142	100		
141	90.9	71.4	107.2





#7

Acenaphthylene

Concen: 0.062 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008107.D

Acq: 12 Oct 2019 11:10

Instrument :

BNA_N

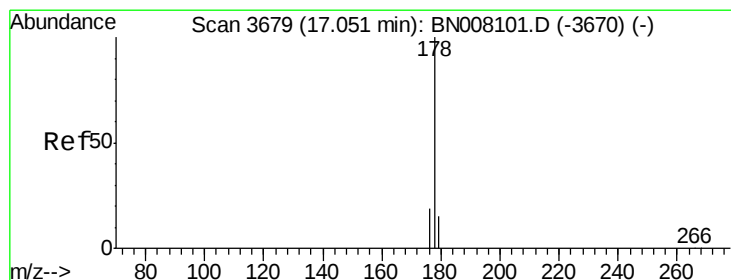
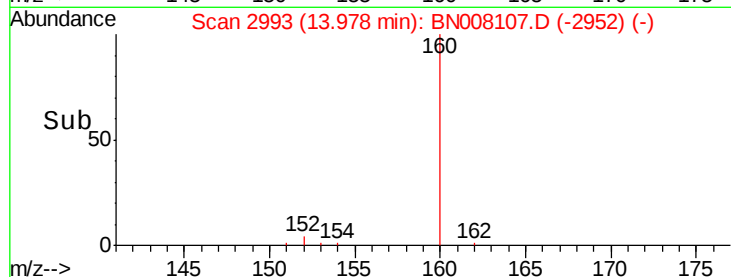
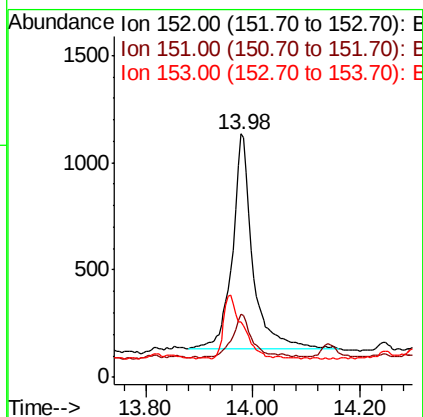
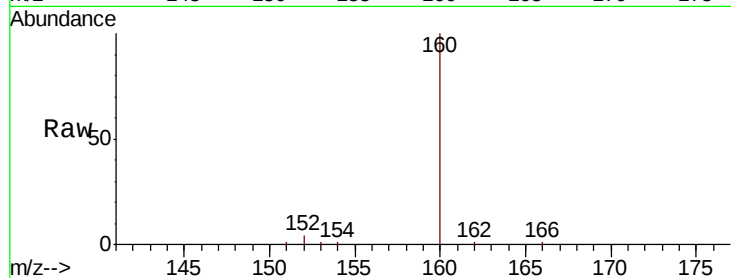
ClientSampleId :

JLMA7

Tot Ion:	152	Resp:	2589
Ion Ratio	Lower	Upper	
152	100		
151	25.9	16.2	24.4#
153	22.6	11.0	16.4#

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#12

Phenanthrene

Concen: 0.048 ng/ul m

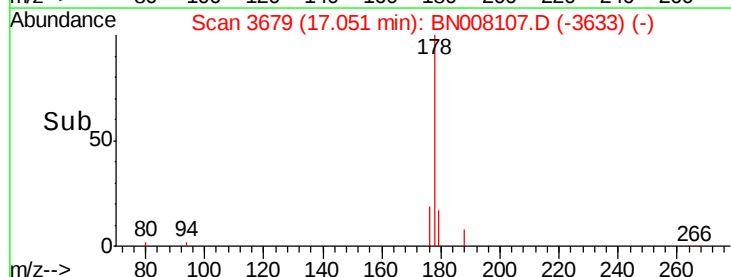
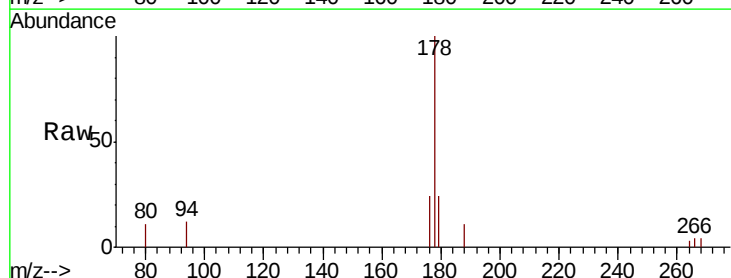
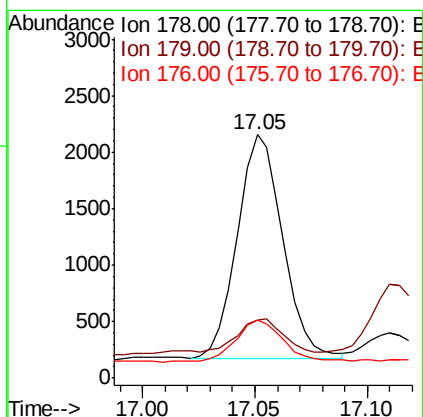
RT: 17.05 min Scan# 3679

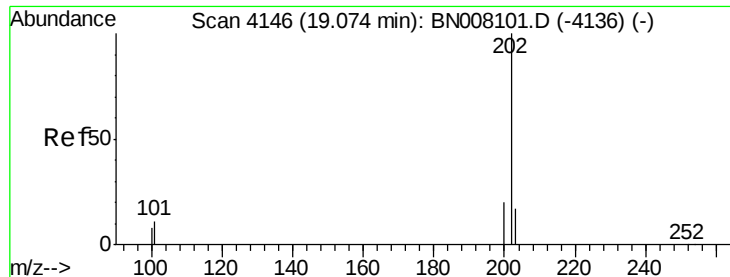
Delta R.T. -0.00 min

Lab File: BN008107.D

Acq: 12 Oct 2019 11:10

Tgt Ion:	178	Resp:	2817
Ion Ratio	Lower	Upper	
178	100		
179	23.9	12.8	19.2#
176	24.0	15.4	23.2#





#15

Fluoranthene

Concen: 0.052 ng/ul m

RT: 19.07 min Scan# 4146

Delta R.T. -0.00 min

Lab File: BN008107.D

Acq: 12 Oct 2019 11:10

Instrument :

BNA_N

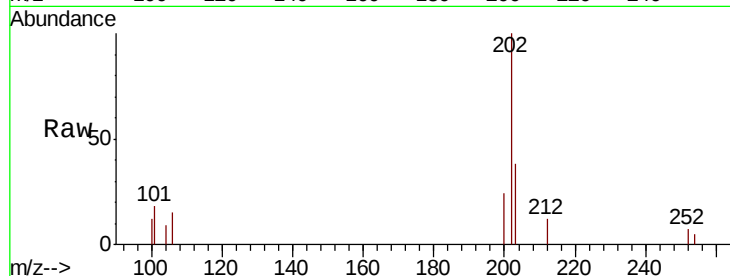
ClientSampleId :

JLMA7

Tot Ion:202	Resp:	4049
Ion Ratio	Lower	Upper
202 100		
101 17.7	0.0	31.2
100 12.1	0.0	28.5

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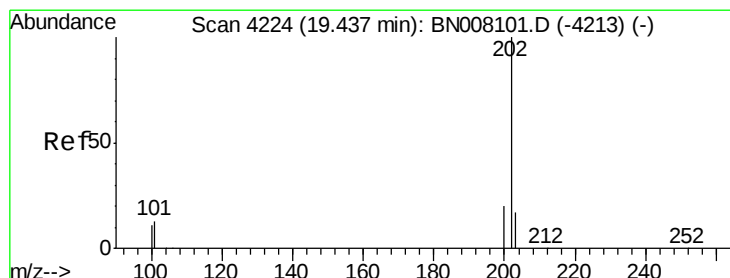
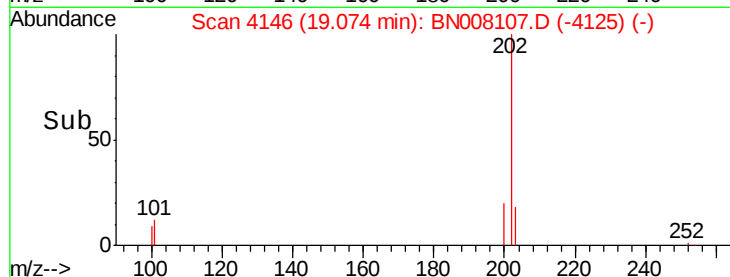
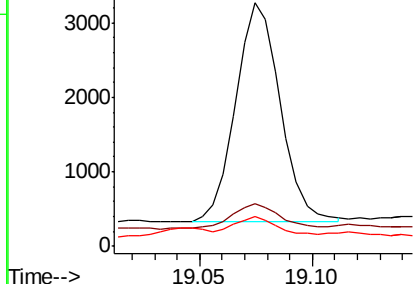
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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



#17

Pyrene

Concen: 0.051 ng/ul

RT: 19.44 min Scan# 4224

Delta R.T. -0.00 min

Lab File: BN008107.D

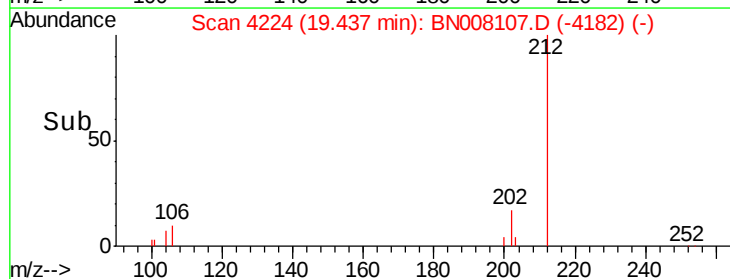
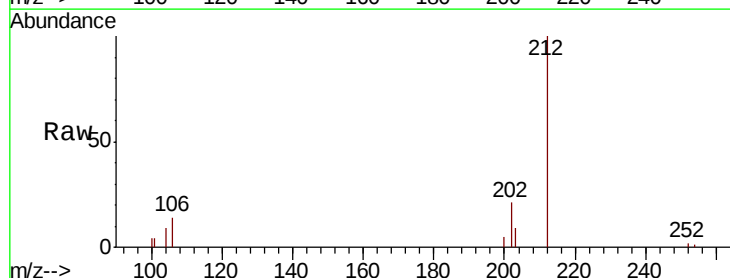
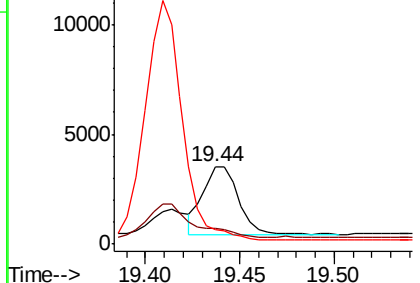
Acq: 12 Oct 2019 11:10

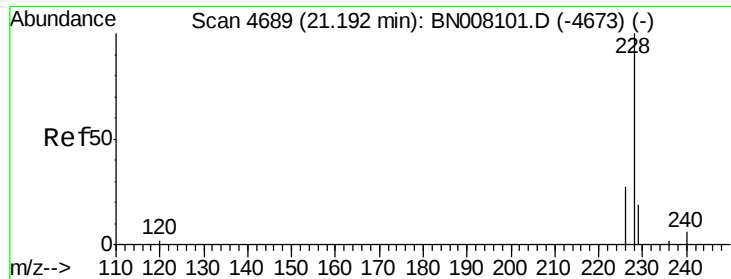
Tgt Ion:202	Resp:	4074
Ion Ratio	Lower	Upper
202 100		
101 21.1	10.9	16.3#
100 19.0	8.7	13.1#

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





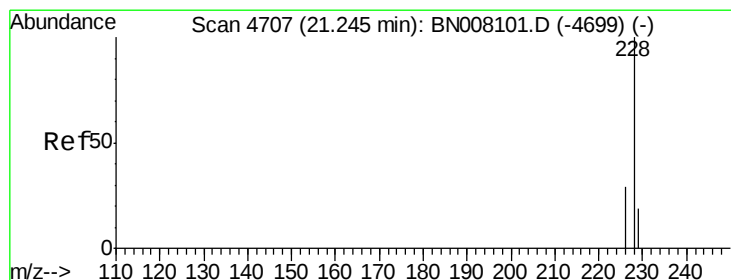
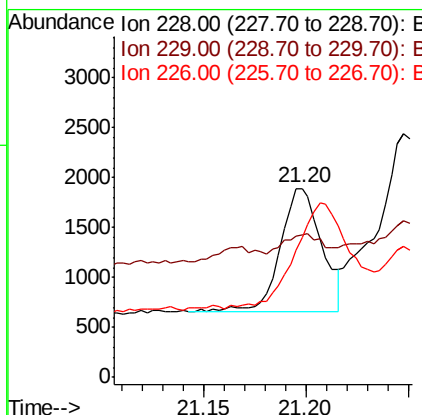
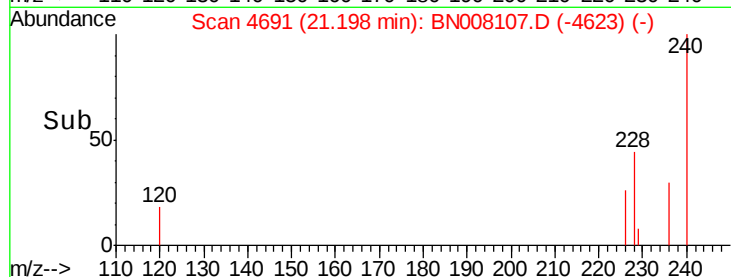
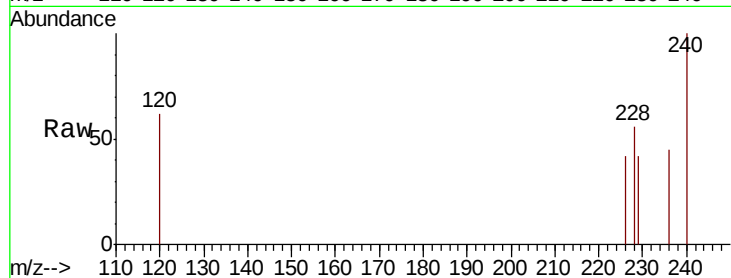
#18
Benzo(a)anthracene
Concen: 0.024 ng/ul
RT: 21.20 min Scan# 4691
Delta R.T. -0.00 min
Lab File: BN008107.D
Acq: 12 Oct 2019 11:10

Instrument :
BNA_N
ClientSampleId :
JLMA7

Tot Ion	Ratio	Lower	Upper
228	100		
229	75.7	16.2	24.2#
226	74.3	21.4	32.0#

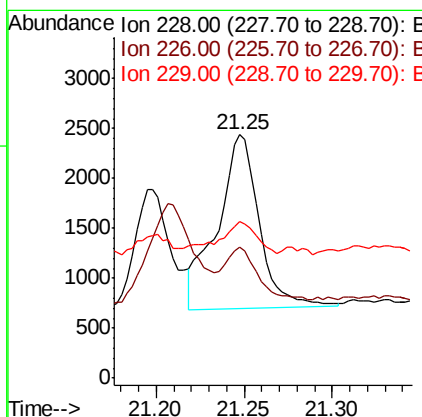
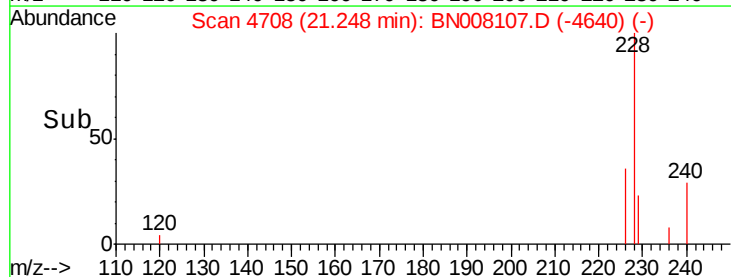
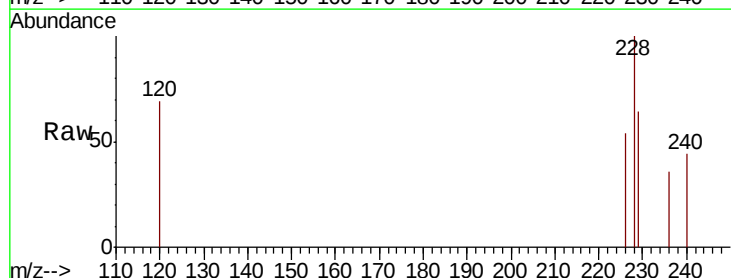
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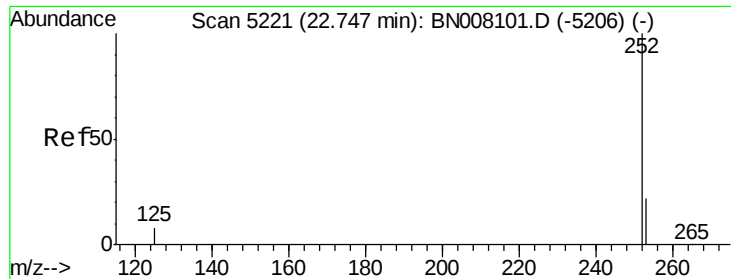
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#19
Chrysene
Concen: 0.031 ng/ul
RT: 21.25 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN008107.D
Acq: 12 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
228	100		
226	54.0	24.1	36.1#
229	64.3	16.2	24.2#





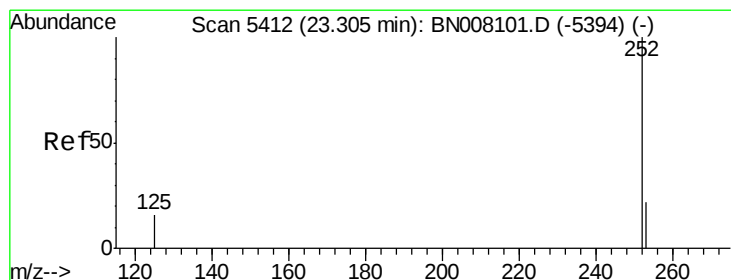
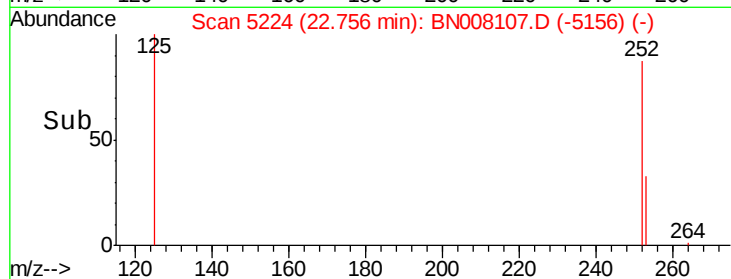
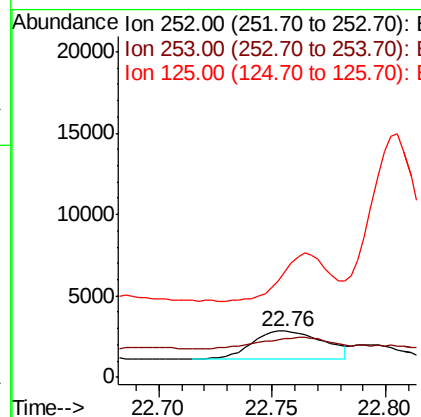
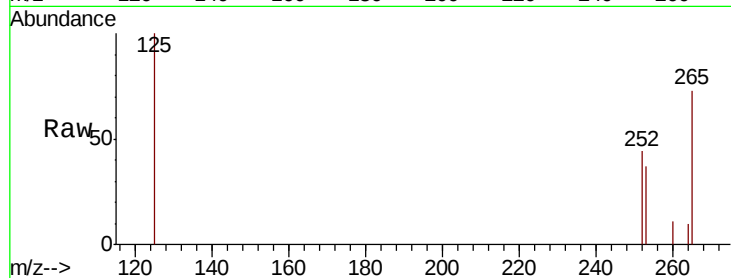
#21
Benzo(b)fluoranthene
Concen: 0.056 ng/u1 m
RT: 22.76 min Scan# 5224
Delta R.T. 0.00 min
Lab File: BN008107.D
Acq: 12 Oct 2019 11:10

Instrument :
BNA_N
ClientSampleId :
JLMA7

Tot Ion	Ratio	Lower	Upper
252	100		
253	84.2	0.0	53.4#
125	228.2	0.0	32.4#

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#23
Benzo(a)pyrene
Concen: 0.028 ng/u1
RT: 23.31 min Scan# 5413
Delta R.T. -0.01 min
Lab File: BN008107.D
Acq: 12 Oct 2019 11:10

Tgt Ion	Ratio	Lower	Upper
252	100		
253	82.8	22.8	34.2#
125	223.3	18.4	27.6#

