

Data File : BN008490.D
Acq On : 07 Nov 2019 18:26
Operator : JU
Sample : K5565-05
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
JLNA4

Quant Time: Nov 08 06:46:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN110519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 08 06:44:20 2019
Response via : Initial Calibration

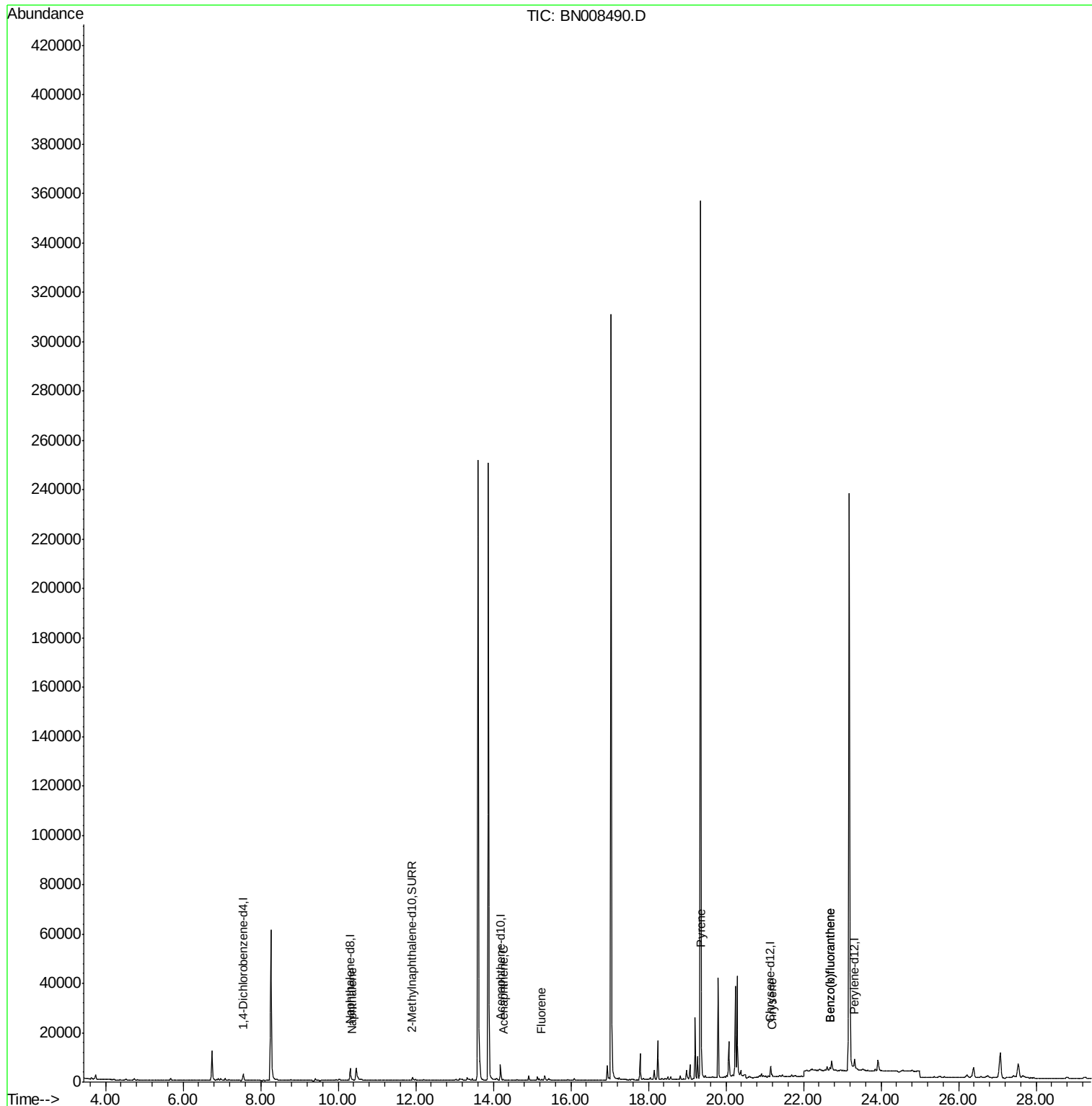
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	1561	0.40	ng/ul	0.00
2) Naphthalene-d8	10.31	136	6585	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.19	164	3509	0.40	ng/ul	0.00
10) Phenanthrene-d10	0.00	188	0	0.00	ng/ul	-16.95
16) Chrysene-d12	21.15	240	4642	0.40	ng/ul	0.00
20) Perylene-d12	23.32	264	6379	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.91	152	2181	0.21	ng/ul	0.00
14) Fluoranthene-d10	18.98	212	4072	0.00	ng/ul	0.00
Target Compounds						
					Qvalue	
3) Naphthalene	10.36	128	392	0.021	ng/ul#	59
8) Acenaphthene	14.25	153	331	0.025	ng/ul#	93
9) Fluorene	15.25	166	335	0.023	ng/ul#	89
17) Pyrene	19.37	202	656	0.029	ng/ul#	58
19) Chrysene	21.19	228	535	0.026	ng/ul#	6
21) Benzo(b)fluoranthene	22.68	252	932	0.039	ng/ul#	1
22) Benzo(k)fluoranthene	22.68	252	866	0.032	ng/ul#	1

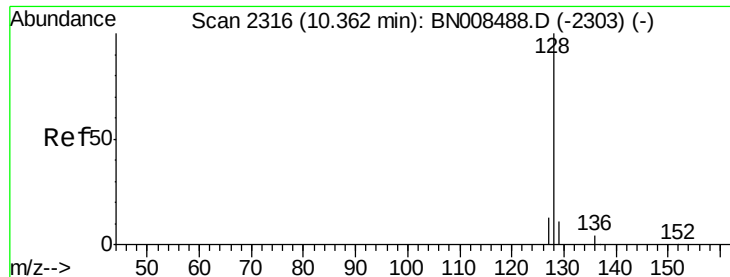
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.021 ng/ul

RT: 10.36 min Scan# 2315

Delta R.T. -0.01 min

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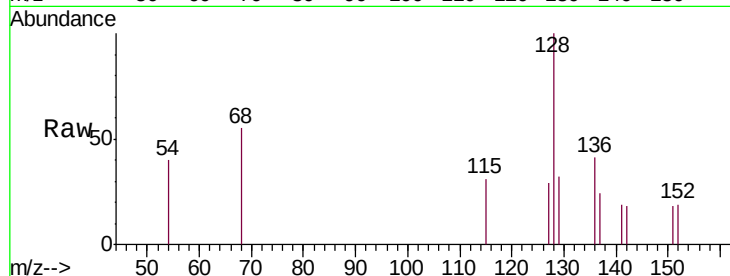
Tgt Ion:128 Resp: 392

Ion Ratio Lower Upper

128 100

129 31.6 10.0 15.0#

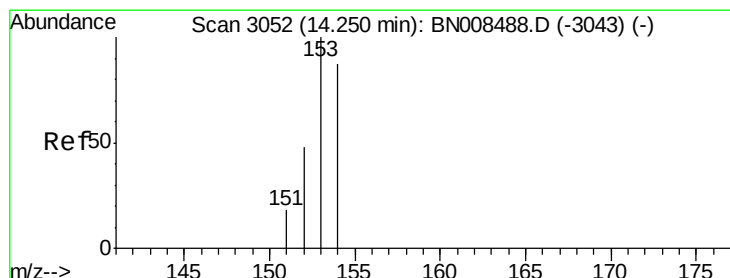
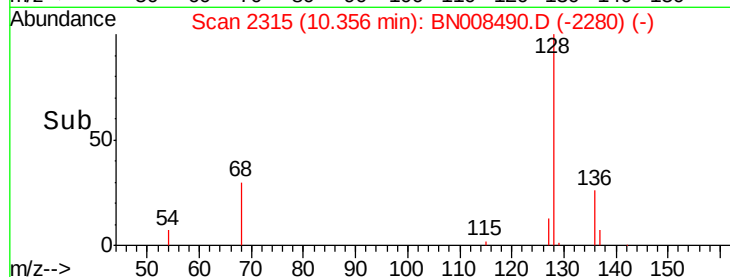
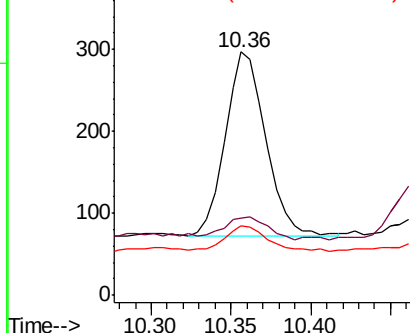
127 28.6 11.6 17.4#



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



#8

Acenaphthene

Concen: 0.025 ng/ul

RT: 14.25 min Scan# 3052

Delta R.T. 0.00 min

Lab File: BN008490.D

Acq: 07 Nov 2019 18:26

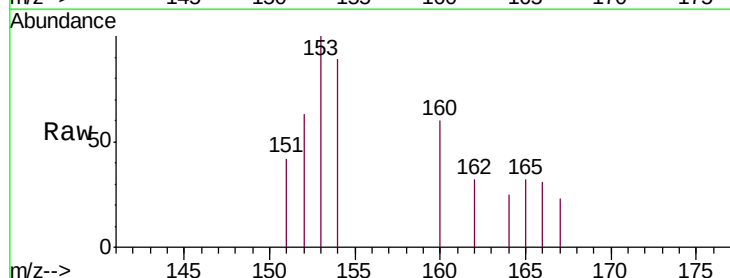
Tgt Ion:153 Resp: 331

Ion Ratio Lower Upper

153 100

152 63.0 39.8 59.8#

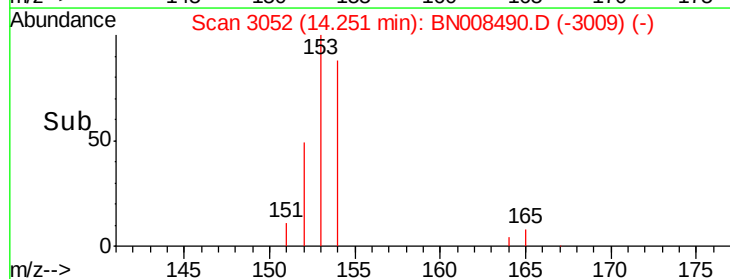
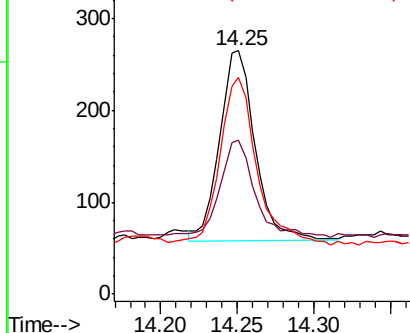
154 89.1 71.6 107.4

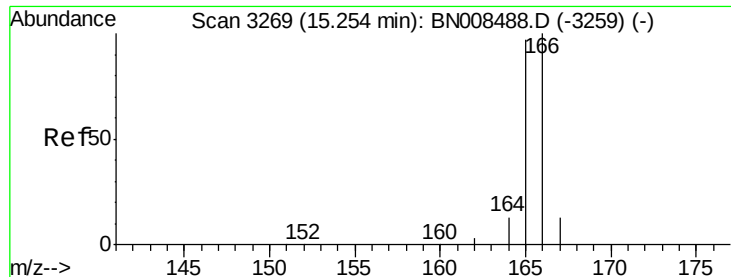


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E

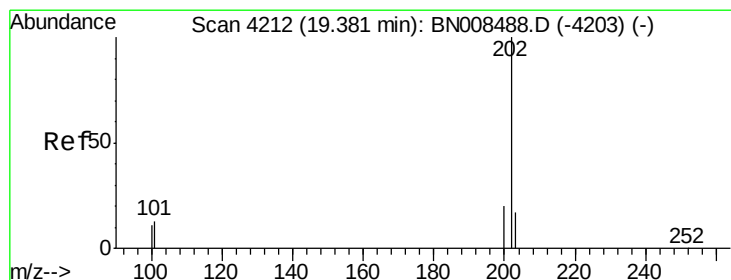
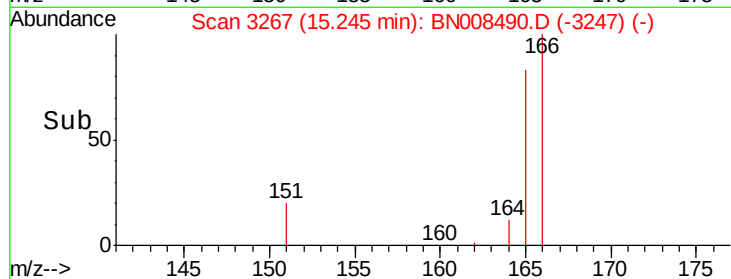
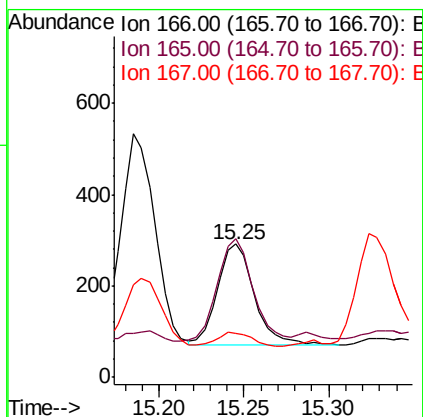
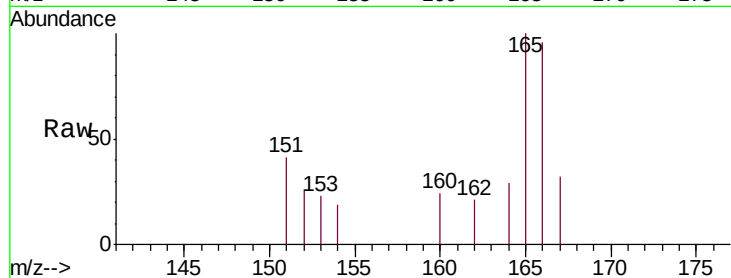




#9
Fluorene
 Concen: 0.023 ng/ul
 RT: 15.25 min Scan# 3267
 Delta R.T. -0.01 min
 Lab File: BN008490.D
 Acq: 07 Nov 2019 18:26

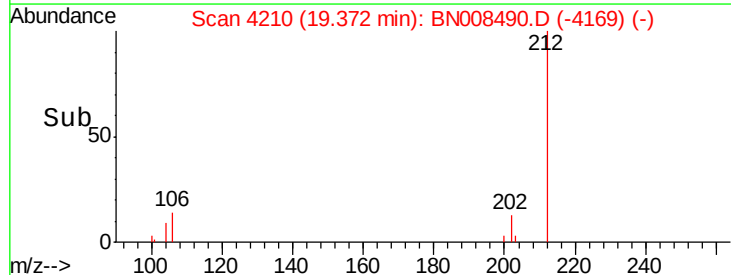
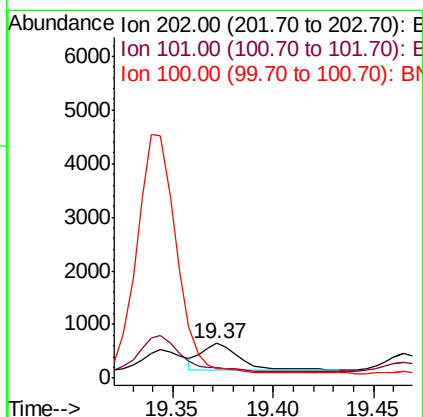
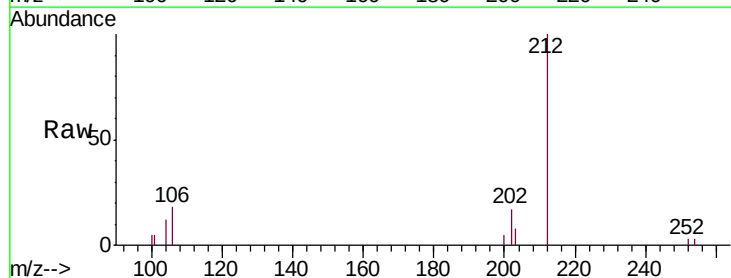
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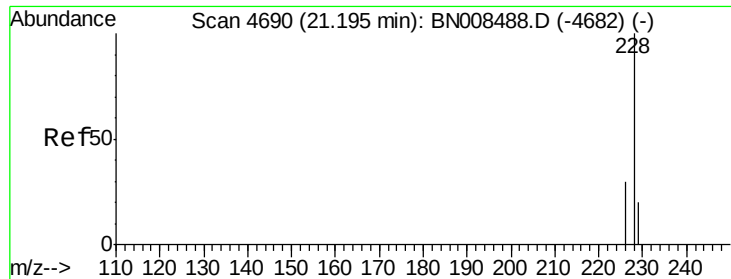
Tgt Ion:166 Resp: 335
 Ion Ratio Lower Upper
 166 100
 165 104.1 78.2 117.2
 167 33.0 12.1 18.1#



#17
Pyrene
 Concen: 0.029 ng/ul
 RT: 19.37 min Scan# 4210
 Delta R.T. -0.01 min
 Lab File: BN008490.D
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Tgt Ion:202 Resp: 656
 Ion Ratio Lower Upper
 202 100
 101 31.1 11.6 17.4#
 100 28.8 9.4 14.0#





#19

Chrysene

Concen: 0.026 ng/ul

RT: 21.19 min Scan# 4688

Delta R.T. -0.01 min

Lab File: BN008490.D

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Instrument :

BNA_N

ClientSampleId :

JLNA4

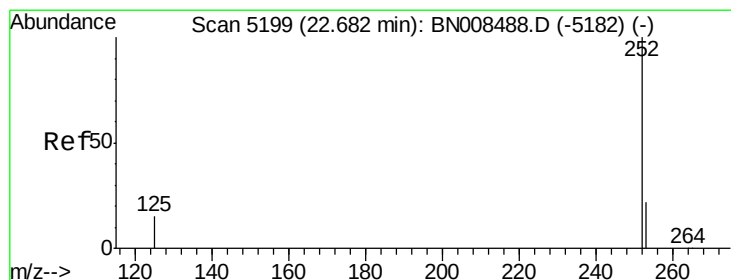
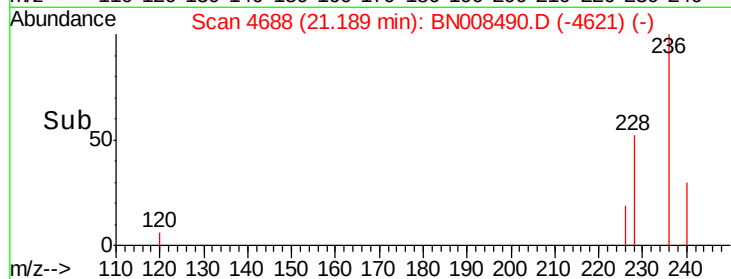
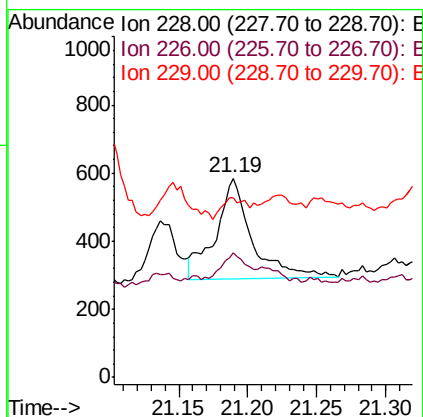
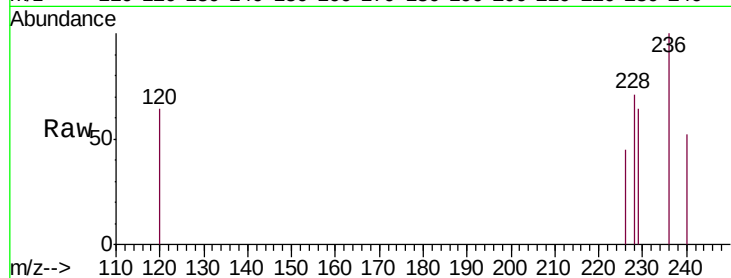
Tgt Ion:228 Resp: 535

Ion Ratio Lower Upper

228 100

226 62.7 24.9 37.3#

229 90.1 16.6 25.0#



#21

Benzo(b)fluoranthene

Concen: 0.039 ng/ul

RT: 22.68 min Scan# 5197

Delta R.T. -0.01 min

Lab File: BN008490.D

Acq: 07 Nov 2019 18:26

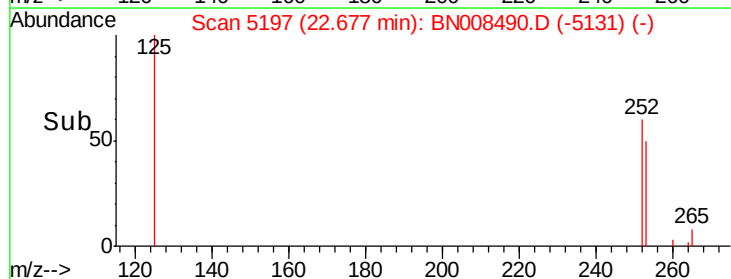
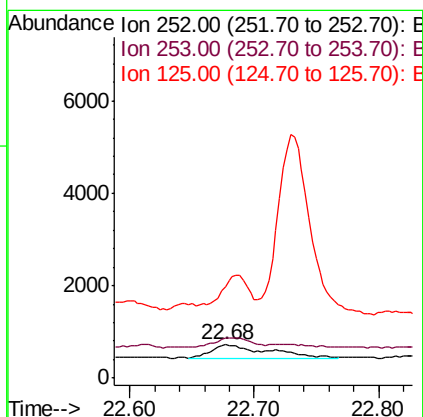
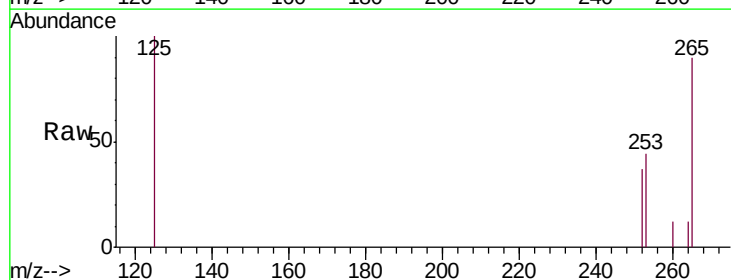
Tgt Ion:252 Resp: 932

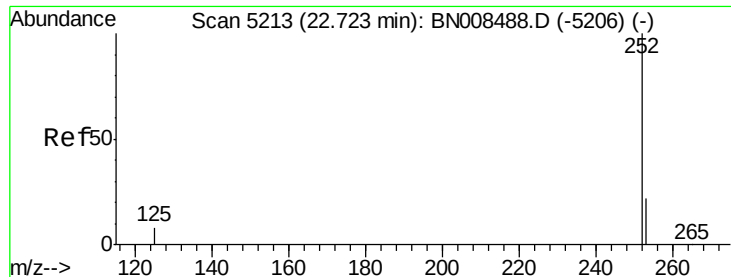
Ion Ratio Lower Upper

252 100

253 119.8 0.0 58.4#

125 271.4 0.0 58.6#





#22

Benzo(k)fluoranthene

Concen: 0.032 ng/ul

RT: 22.68 min Scan# 5197

Delta R.T. -0.05 min

Lab File: BN008490.D

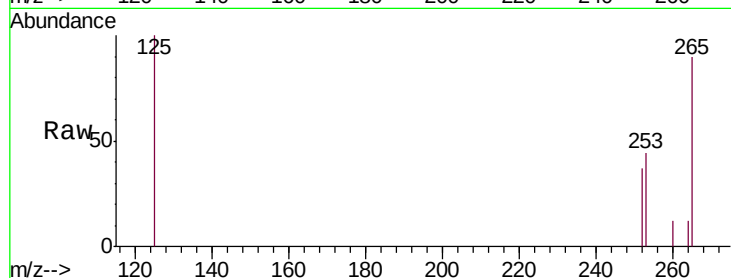
Acq: 07 Nov 2019 18:26

Instrument :

BNA_N

ClientSampleId :

JLNA4



Tgt Ion: 252 Resp: 866

Ion Ratio Lower Upper

252 100

253 119.8 22.6 34.0#

125 271.4 14.7 22.1#

