

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN062419\
 Data File : BN006531.D
 Acq On : 24 Jun 2019 15:19
 Operator : HP/JU
 Sample : K3362-15
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

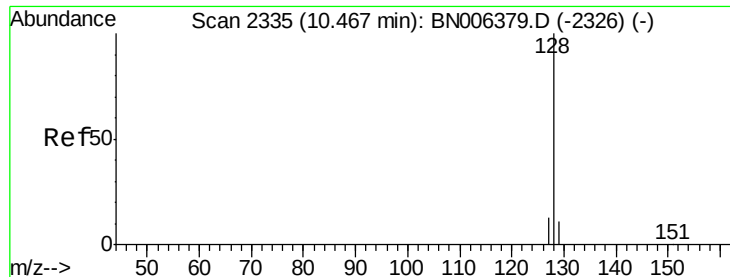
Instrument :
 BNA_N
 ClientSampleId :
 A4206

Quant Time: Jun 25 00:44:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN053019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 17 11:13:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	4922	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.41	136	17671	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.28	164	8144	0.40	ng/ul	-0.01
10) Phenanthrene-d10	17.13	188	798470	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.27
20) Perylene-d12	23.36	264	690757	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	7259	0.27	ng/ul	-0.02
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
3) Naphthalene	10.46	128	3380	0.069	ng/ul#	92
5) 2-Methylnaphthalene	12.08	142	1386	0.041	ng/ul	100
7) Acenaphthylene	14.00	152	23076	0.510	ng/ul	100
8) Acenaphthene	14.34	153	1738	0.055	ng/ul	97
9) Fluorene	15.33	166	3076	0.084	ng/ul#	96
21) Benzo(b)fluoranthene	22.83	252	112121	0.039	ng/ul	92
22) Benzo(k)fluoranthene	22.83	252	105383	0.038	ng/ul	94

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

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#3

Naphthalene

Concen: 0.069 ng/ul

RT: 10.46 min Scan# 2333

Delta R.T. -0.02 min

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ClientSampleId :

A4206

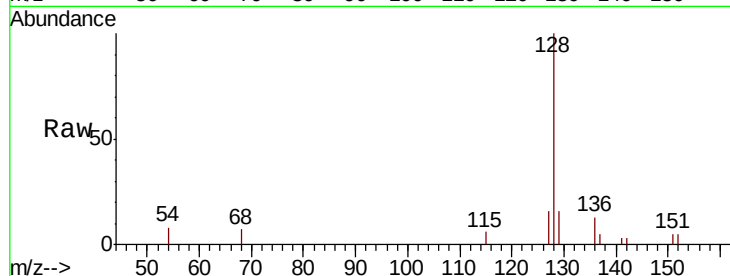
Tgt Ion:128 Resp: 3380

Ion Ratio Lower Upper

128 100

129 15.6 9.3 13.9#

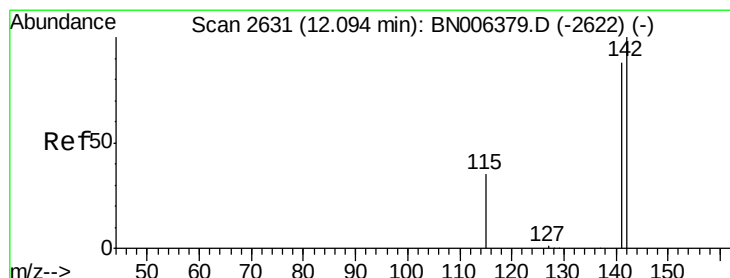
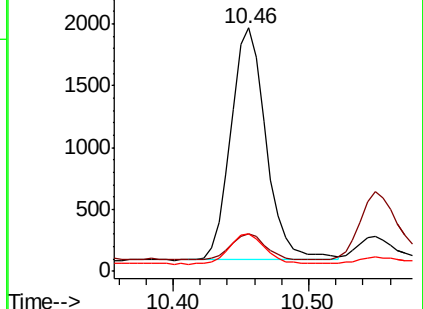
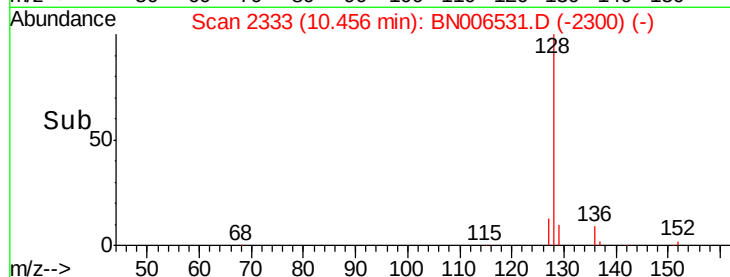
127 15.6 10.7 16.1



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: 0.041 ng/ul

RT: 12.08 min Scan# 2629

Delta R.T. -0.01 min

Lab File: BN006531.D

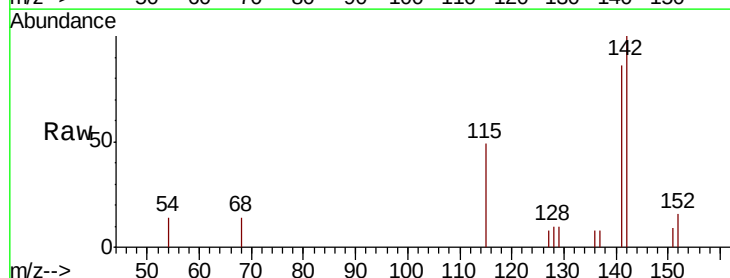
Acq: 24 Jun 2019 15:19

Tgt Ion:142 Resp: 1386

Ion Ratio Lower Upper

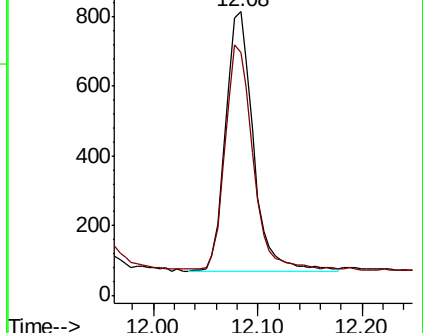
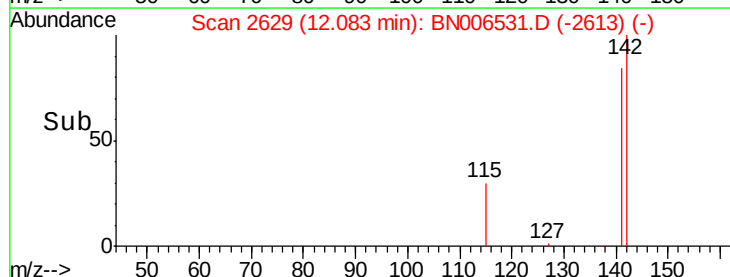
142 100

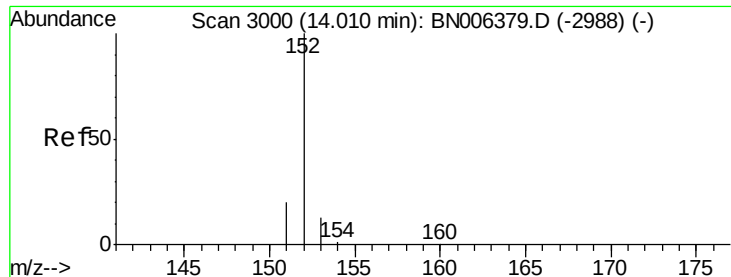
141 87.7 70.3 105.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.510 ng/ul

RT: 14.00 min Scan# 2997

Delta R.T. -0.01 min

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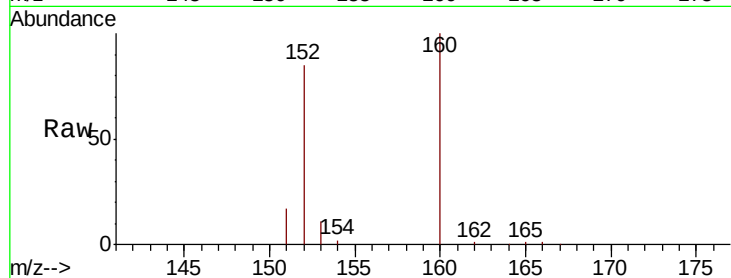
Tgt Ion:152 Resp: 23076

Ion Ratio Lower Upper

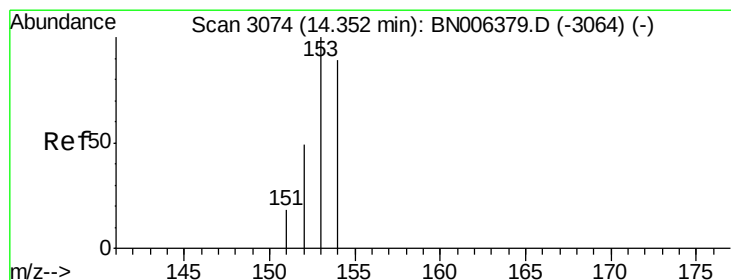
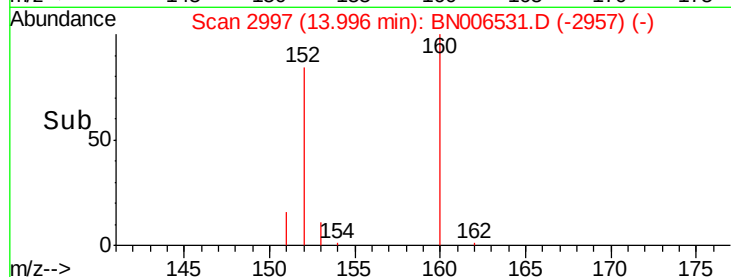
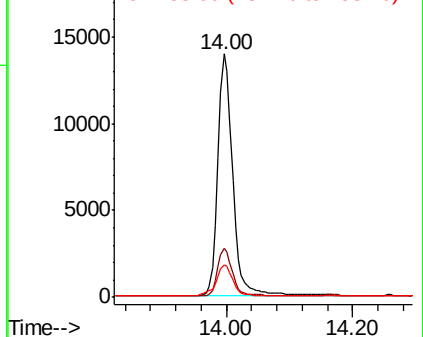
152 100

151 20.0 15.8 23.8

153 13.3 10.8 16.2



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: 0.055 ng/ul

RT: 14.34 min Scan# 3072

Delta R.T. -0.01 min

Lab File: BN006531.D

Acq: 24 Jun 2019 15:19

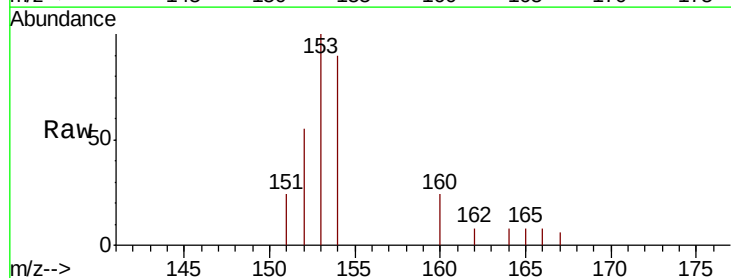
Tgt Ion:153 Resp: 1738

Ion Ratio Lower Upper

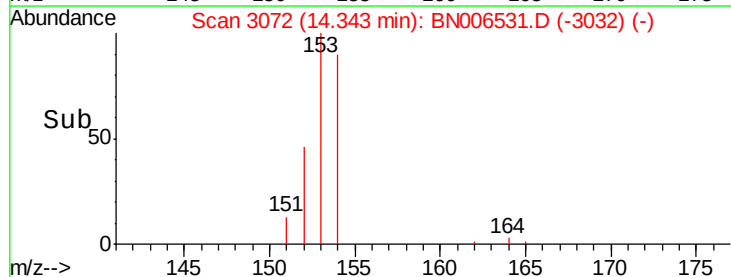
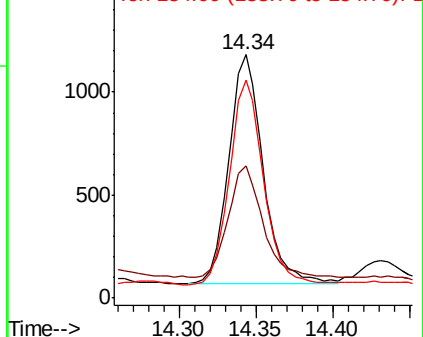
153 100

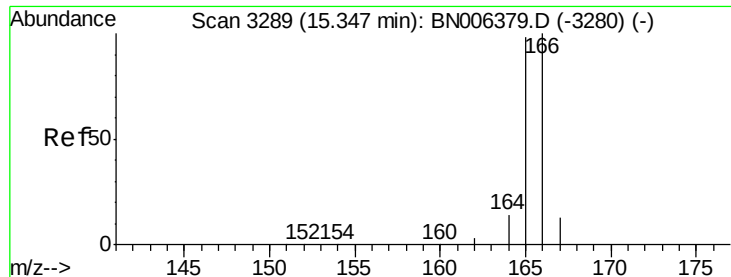
152 54.6 39.1 58.7

154 89.5 71.1 106.7



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: 0.084 ng/ul

RT: 15.33 min Scan# 3286

Delta R.T. -0.02 min

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Acq: 24 Jun 2019 15:19

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A4206

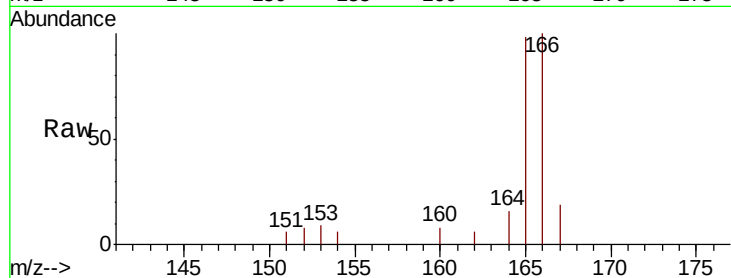
Tgt Ion:166 Resp: 3076

Ion Ratio Lower Upper

166 100

165 98.1 76.4 114.6

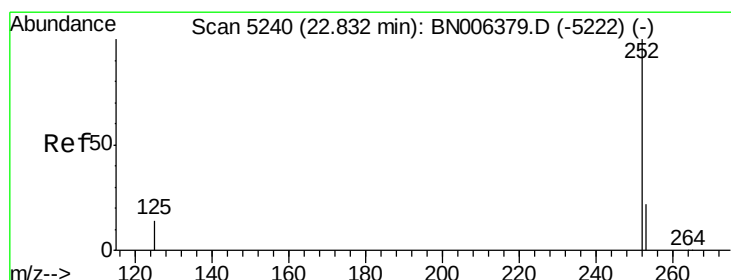
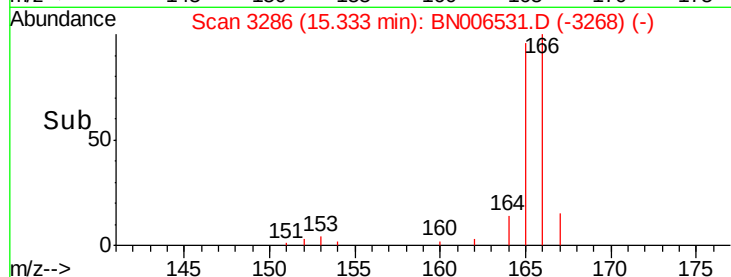
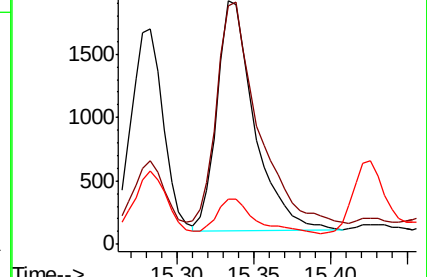
167 18.7 11.0 16.6#



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#21

Benzo(b)fluoranthene

Concen: 0.039 ng/ul

RT: 22.83 min Scan# 5241

Delta R.T. -0.00 min

Lab File: BN006531.D

Acq: 24 Jun 2019 15:19

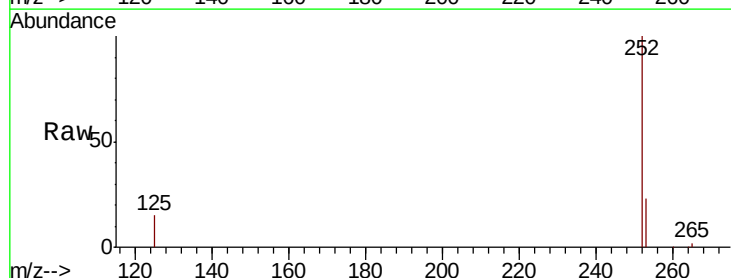
Tgt Ion:252 Resp: 112121

Ion Ratio Lower Upper

252 100

253 23.2 0.0 51.4

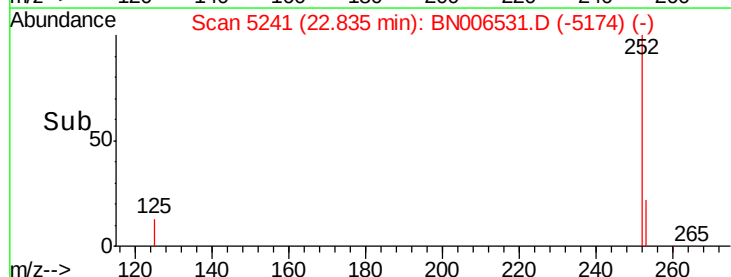
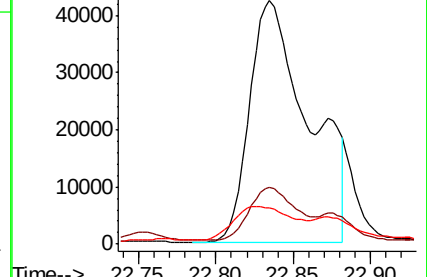
125 14.7 0.0 41.0

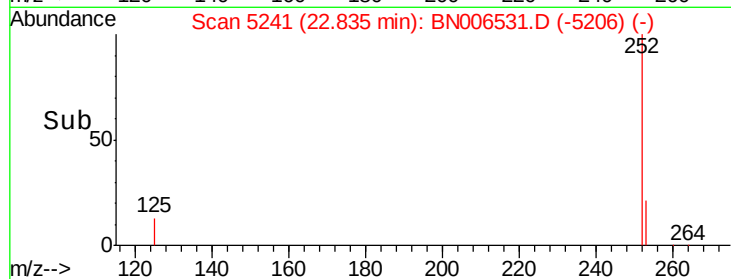
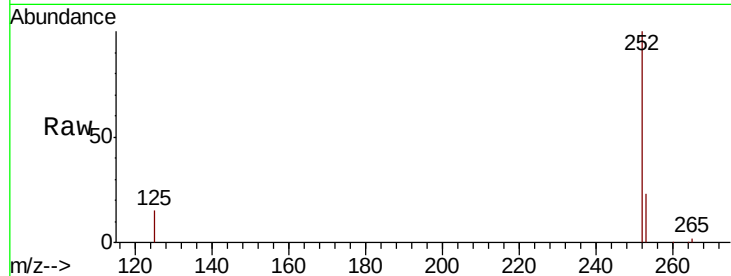
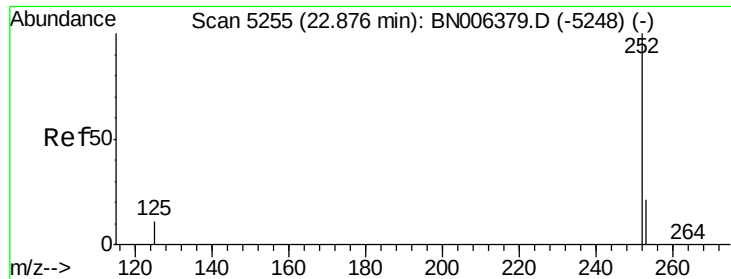


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#22

Benzo(k)fluoranthene

Concen: 0.038 ng/ul

RT: 22.83 min Scan# 5241

Delta R.T. -0.05 min

Lab File: BN006531.D

Acq: 24 Jun 2019 15:19

Instrument :

BNA_N

ClientSampleId :

A4206

Tgt Ion: 252 Resp: 105383

Ion Ratio Lower Upper

252 100

253 23.2 20.3 30.5

125 14.7 14.3 21.5

