

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008116.D
 Acq On : 12 Oct 2019 17:08
 Operator : JU
 Sample : K5178-07
 Misc :
 ALS Vial : 49 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 12 21:41:04 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

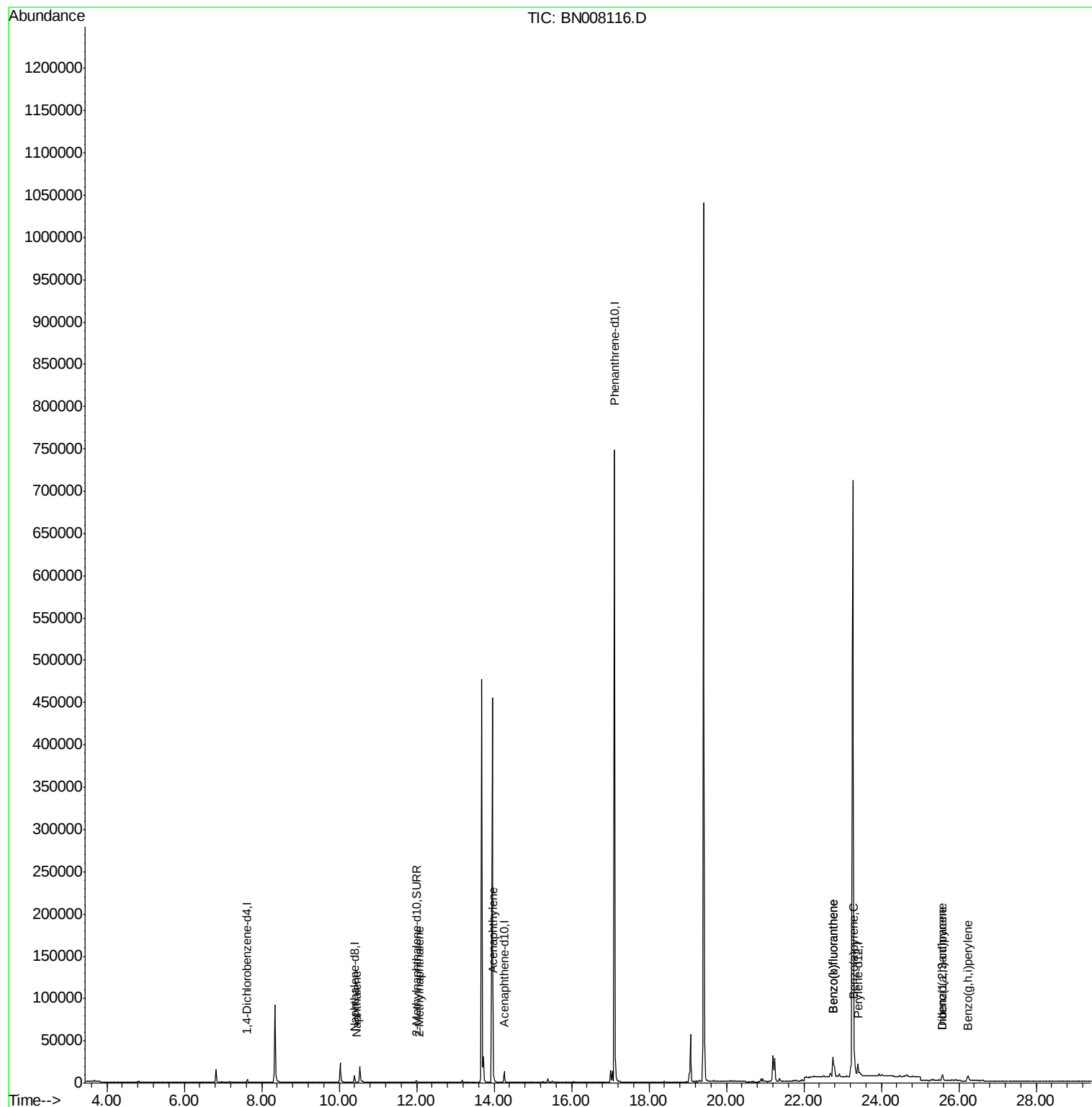
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2234	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	11017	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7162	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	836287	0.40	ng/ul	0.09
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.40	264	18322	0.40	ng/ul	-0.01
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3589	0.19	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	746	0.024	ng/ul#	72
5) 2-Methylnaphthalene	12.07	142	498	0.023	ng/ul	98
7) Acenaphthylene	13.98	152	2190	0.064	ng/ul#	87
21) Benzo(b)fluoranthene	22.75	252	48533	0.814	ng/ul	91
22) Benzo(k)fluoranthene	22.75	252	48533	0.718	ng/ul#	90
23) Benzo(a)pyrene	23.30	252	20765	0.331	ng/ul#	92
24) Indeno(1,2,3-cd)pyrene	25.57	276	12473	0.169	ng/ul#	96
25) Dibenzo(a,h)anthracene	25.58	278	3086	0.053	ng/ul#	32
26) Benzo(g,h,i)perylene	26.24	276	14137	0.209	ng/ul#	90

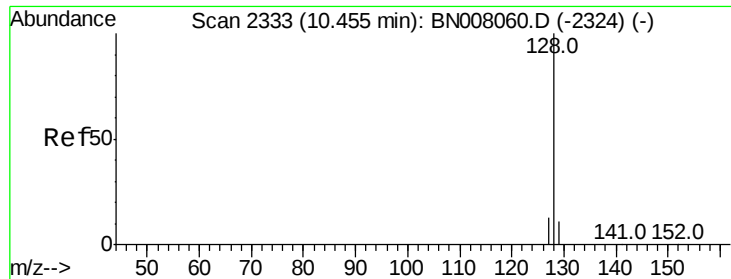
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

Instrument :

BNA_N

ClientSampleId :

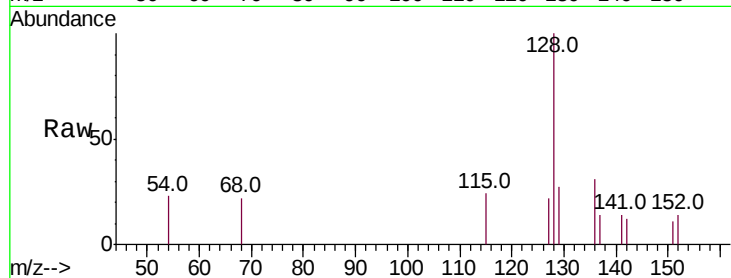
Tot Ion:128 Resp: 746

Ion Ratio Lower Upper

128 100

129 26.6 9.8 14.8#

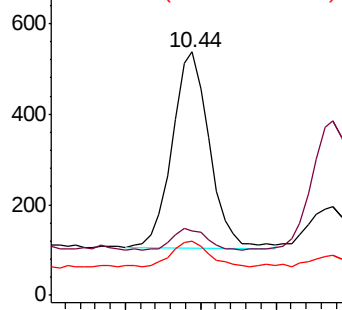
127 22.2 11.1 16.7#



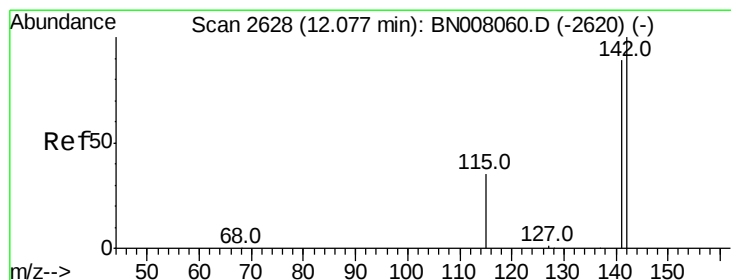
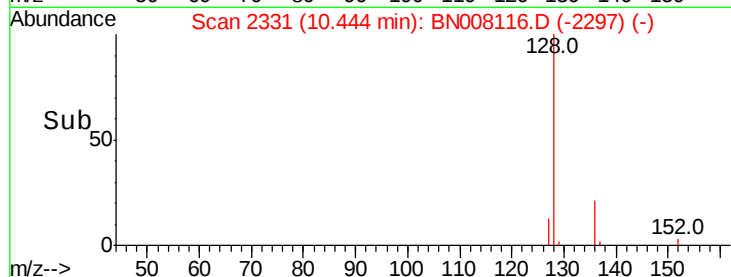
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#5

2-Methylnaphthalene

Concen: 0.023 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008116.D

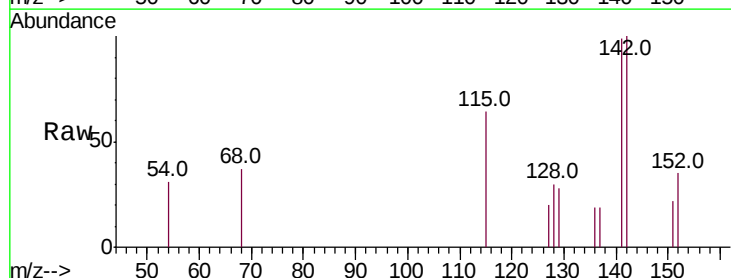
Acq: 12 Oct 2019 17:08

Tgt Ion:142 Resp: 498

Ion Ratio Lower Upper

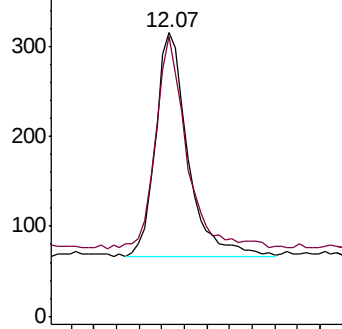
142 100

141 91.4 71.4 107.2

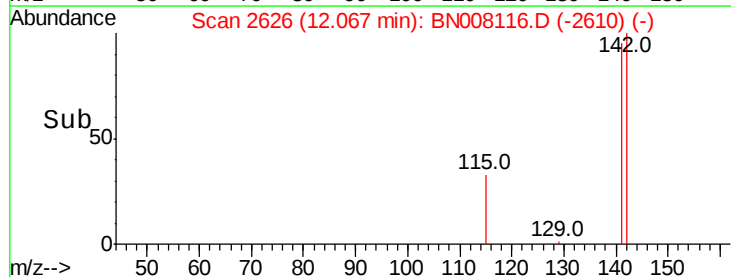


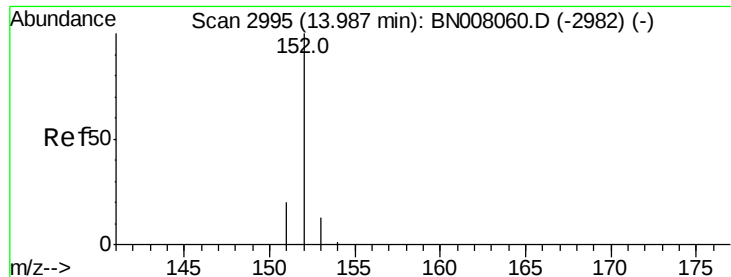
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#7

Acenaphthylene

Concen: 0.064 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

Instrument :

BNA_N

ClientSampleId :

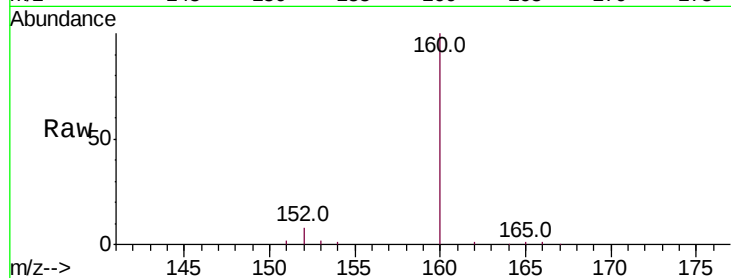
Tot Ion:152 Resp: 2190

Ion Ratio Lower Upper

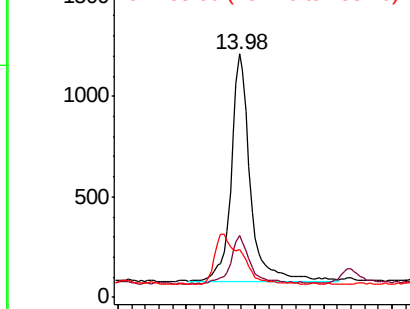
152 100

151 25.7 16.2 24.4#

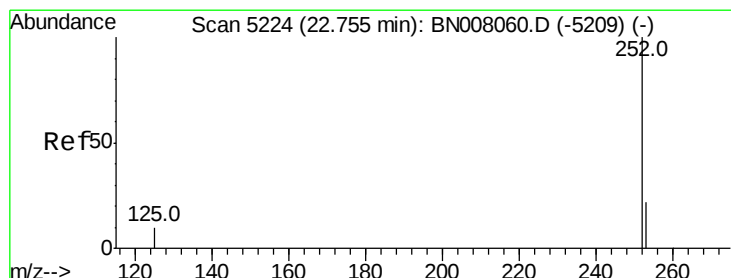
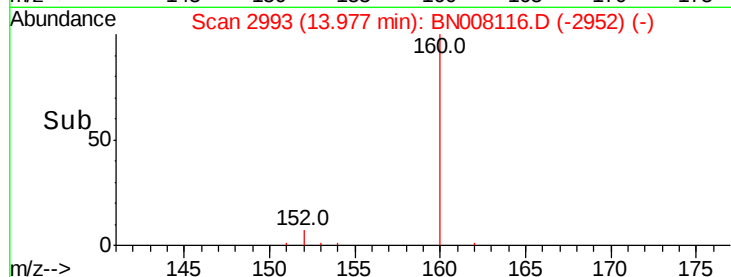
153 19.9 11.0 16.4#



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



Time--> 13.80 13.90 14.00 14.10



#21

Benzo(b)fluoranthene

Concen: 0.814 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.01 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

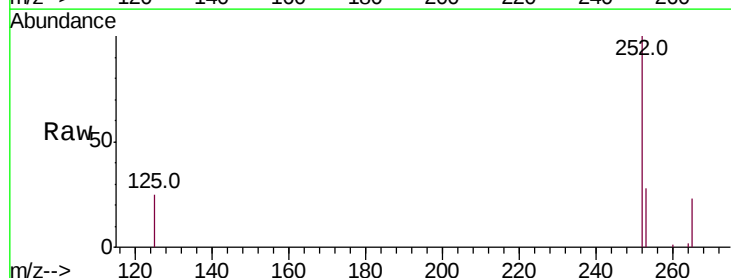
Tgt Ion:252 Resp: 48533

Ion Ratio Lower Upper

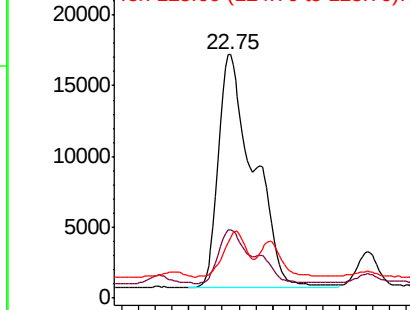
252 100

253 28.1 0.0 53.4

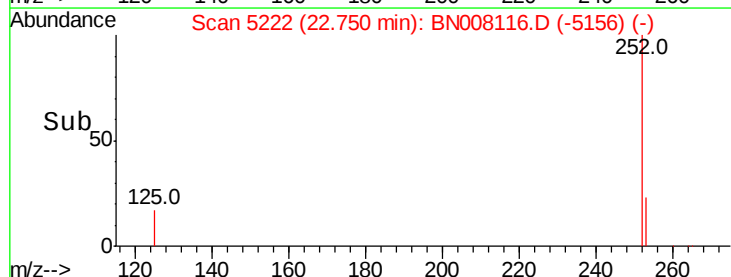
125 24.8 0.0 32.4

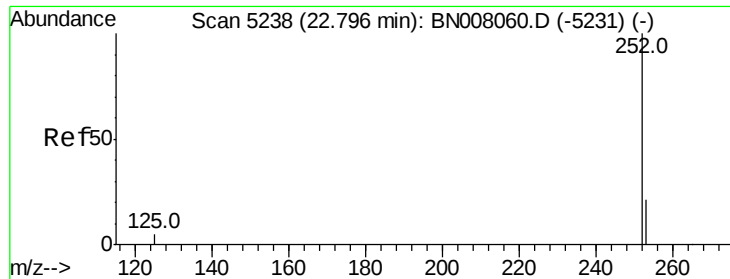


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



Time--> 22.70 22.80 22.90





#22

Benzo(k)fluoranthene

Concen: 0.718 ng/ul

RT: 22.75 min Scan# 5222

Delta R.T. -0.05 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

Instrument :

BNA_N

ClientSampleId :

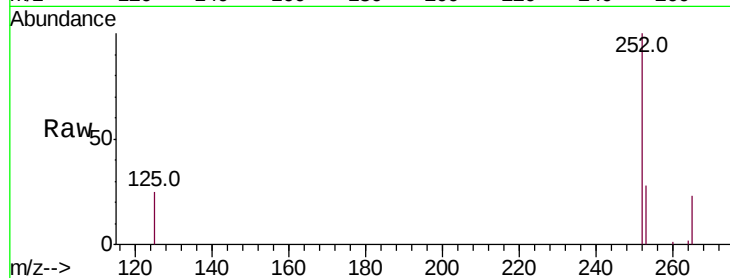
Tot Ion:252 Resp: 48533

Ion Ratio Lower Upper

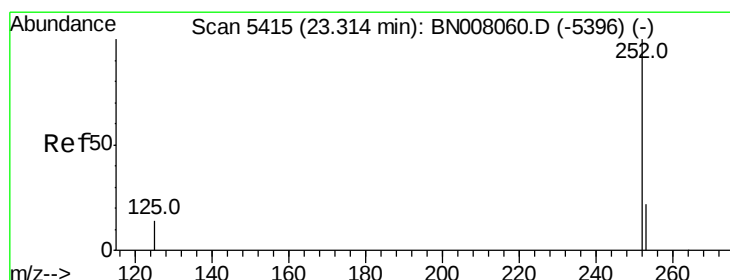
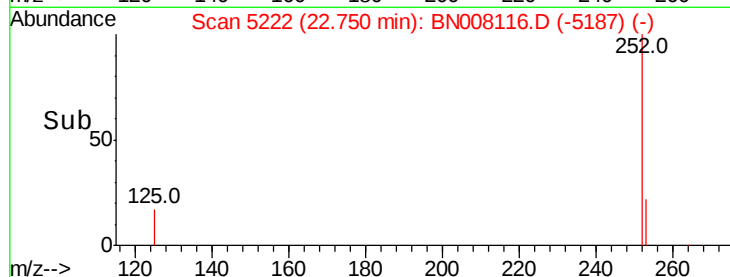
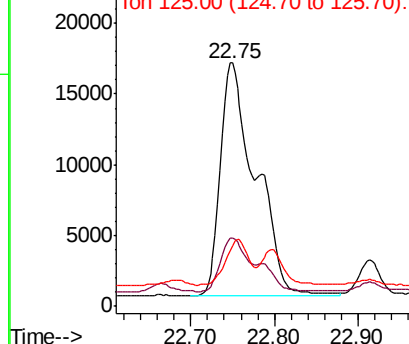
252 100

253 28.1 21.3 31.9

125 24.8 12.3 18.5#



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: 0.331 ng/ul

RT: 23.30 min Scan# 5411

Delta R.T. -0.01 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

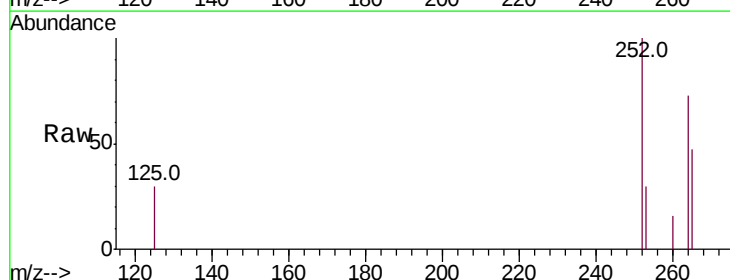
Tgt Ion:252 Resp: 20765

Ion Ratio Lower Upper

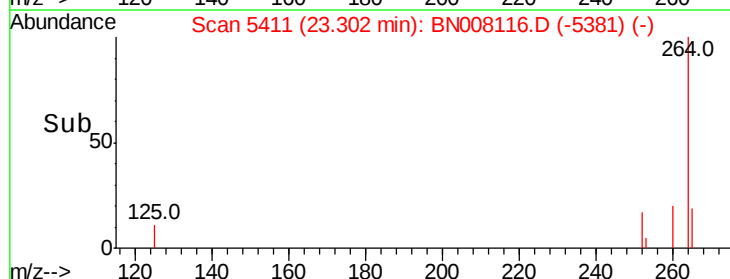
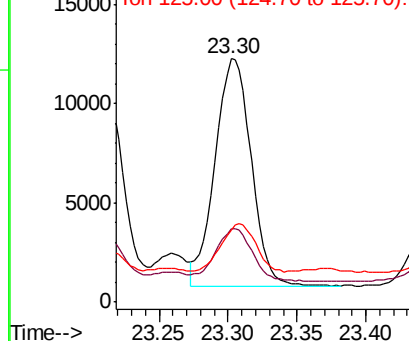
252 100

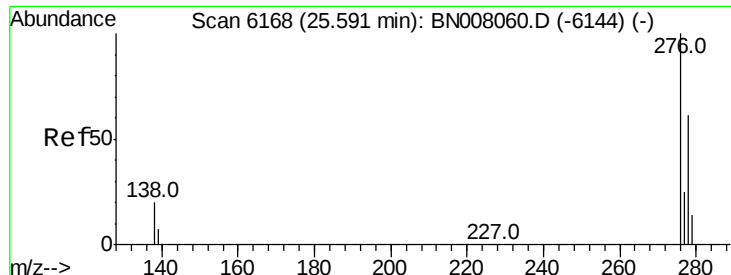
253 30.3 22.8 34.2

125 29.7 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



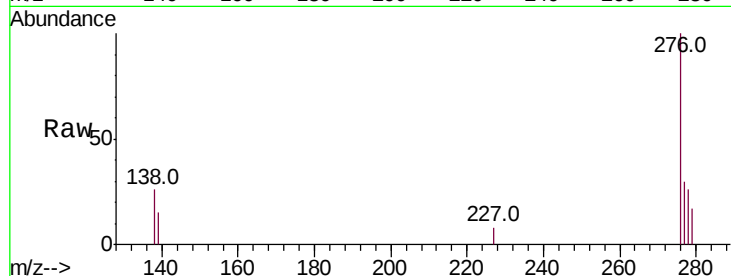


#24

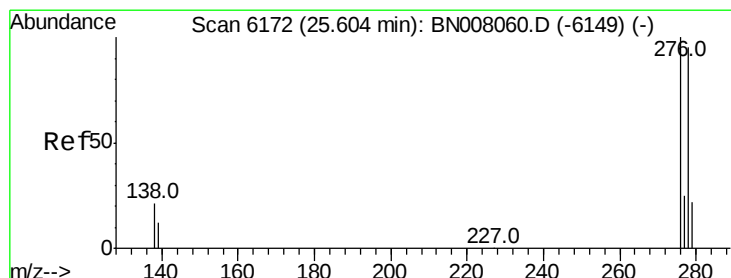
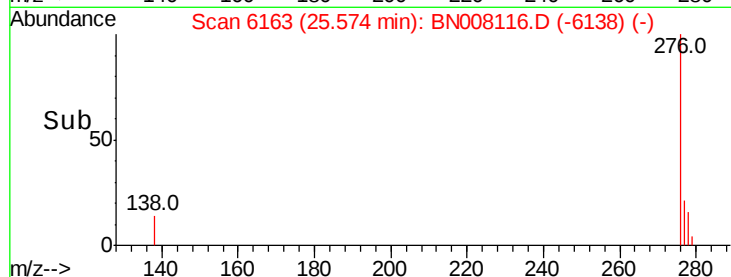
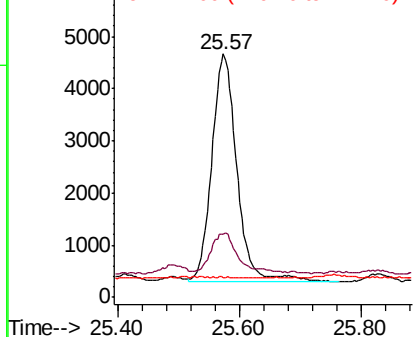
Indeno(1,2,3-cd)pyrene
Concen: 0.169 ng/ul
RT: 25.57 min Scan# 6163
Delta R.T. -0.02 min
Lab File: BN008116.D
Acq: 12 Oct 2019 17:08

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 12473
Ion Ratio Lower Upper
276 100
138 18.3 16.1 24.1
227 0.1 0.2 0.2#



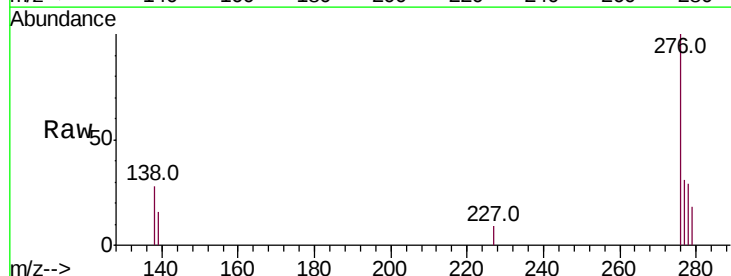
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 227.00 (226.70 to 227.70): E



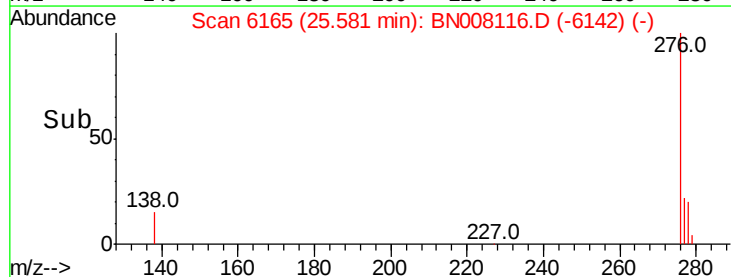
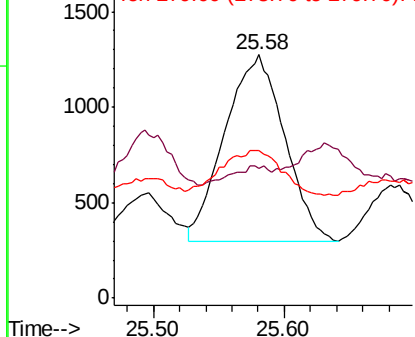
#25

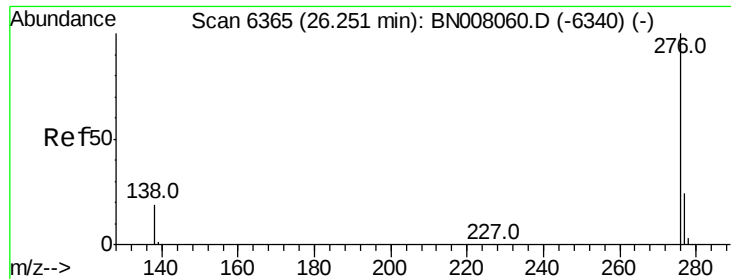
Dibenzo(a,h)anthracene
Concen: 0.053 ng/ul
RT: 25.58 min Scan# 6165
Delta R.T. -0.02 min
Lab File: BN008116.D
Acq: 12 Oct 2019 17:08

Tgt Ion:278 Resp: 3086
Ion Ratio Lower Upper
278 100
139 53.5 15.0 22.6#
279 60.5 22.4 33.6#



Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E





#26

Benzo(a,h,i)perylene

Concen: 0.209 ng/ul

RT: 26.24 min Scan# 6361

Delta R.T. -0.01 min

Lab File: BN008116.D

Acq: 12 Oct 2019 17:08

Instrument :

BNA_N

ClientSampleId :

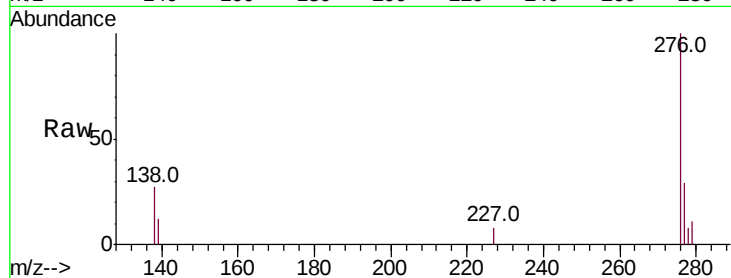
Tot Ion:276 Resp: 14137

Ion Ratio Lower Upper

276 100

138 27.2 17.0 25.4#

277 29.1 20.4 30.6



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

