

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008124.D
 Acq On : 12 Oct 2019 23:06
 Operator : JU
 Sample : K5178-13
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 00:55:58 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

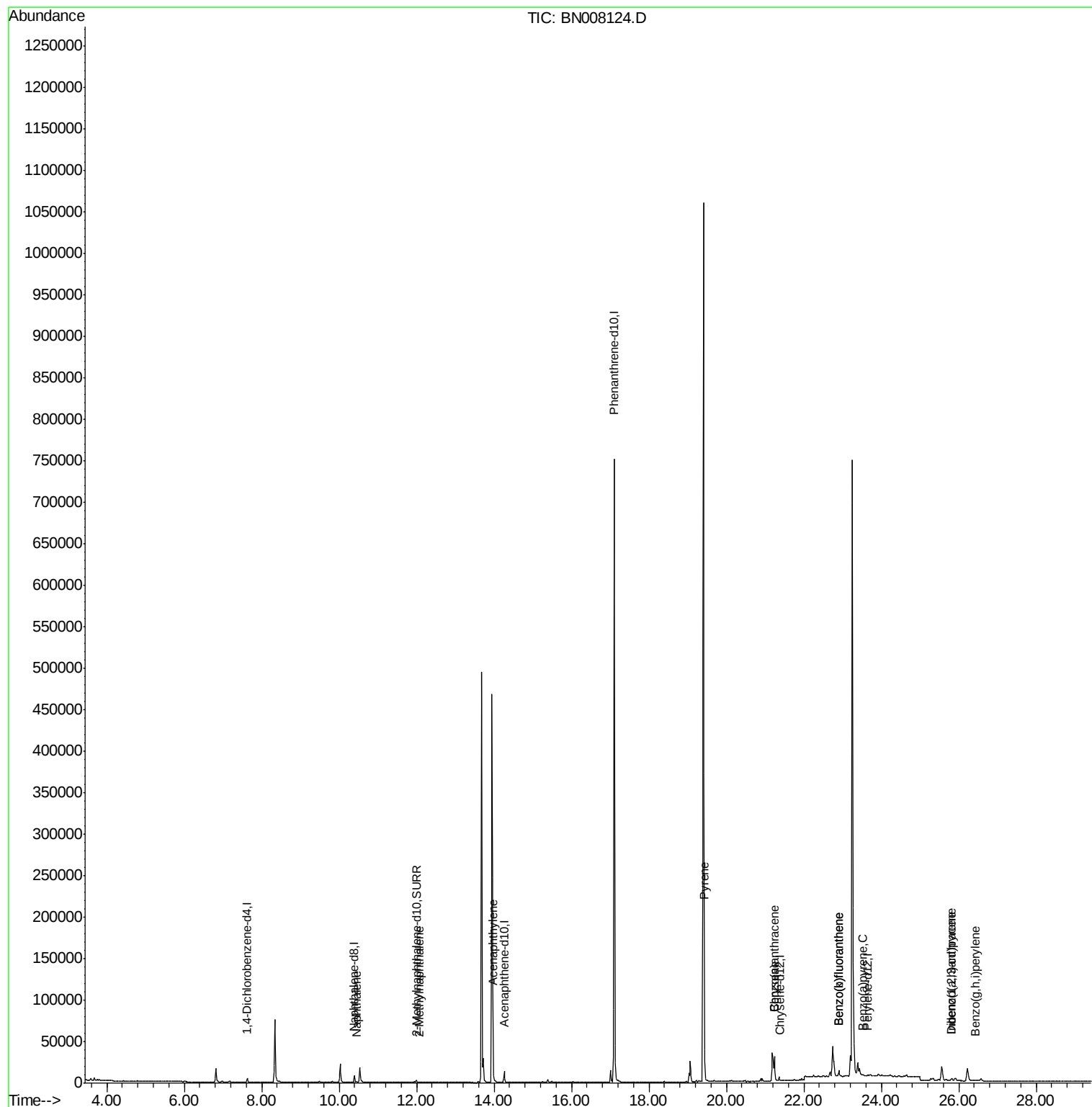
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2324	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	11369	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.26	164	7452	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	841603	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	61	0.40	ng/ul	0.17
20) Perylene-d12	23.63	264	51	0.40	ng/ul	0.22
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	3749	0.20	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	1279	0.040	ng/ul#	82
5) 2-Methylnaphthalene	12.07	142	616	0.028	ng/ul	96
7) Acenaphthylene	13.98	152	3271	0.092	ng/ul#	94
17) Pyrene	19.43	202	26106	107.484	ng/ul	98
18) Benzo(a)anthracene	21.24	228	33225	149.813	ng/ul	93
19) Chrysene	21.24	228	27441	100.825	ng/ul	97
21) Benzo(b)fluoranthene	22.91	252	8911	53.674	ng/ul#	62
22) Benzo(k)fluoranthene	22.91	252	8911	47.382	ng/ul#	61
23) Benzo(a)pyrene	23.54	252	195	1.116	ng/ul#	1
24) Indeno(1,2,3-cd)pyrene	25.82	276	1020	4.957	ng/ul#	42
25) Dibenzo(a,h)anthracene	25.82	278	4346	26.720	ng/ul#	53
26) Benzo(g,h,i)perylene	26.43	276	410	2.173	ng/ul#	1

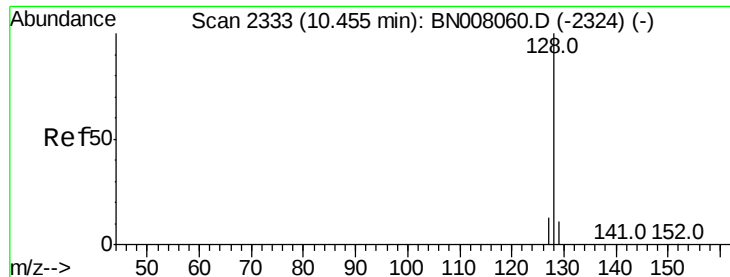
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.040 ng/ul

RT: 10.44 min Scan# 2331

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampleId :

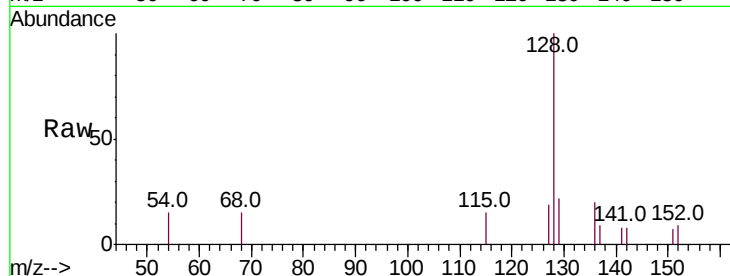
Tot Ion:128 Resp: 1279

Ion Ratio Lower Upper

128 100

129 21.7 9.8 14.8#

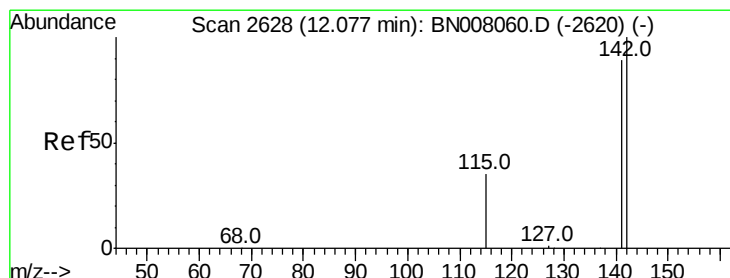
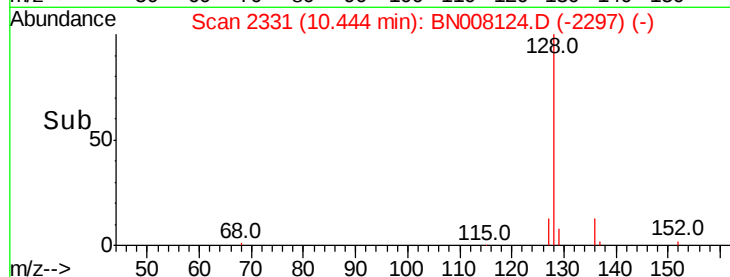
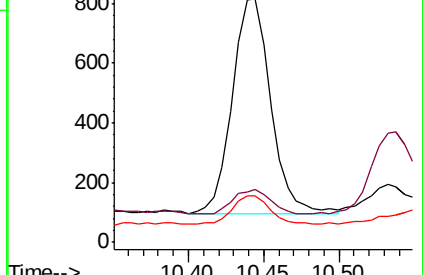
127 18.9 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.028 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008124.D

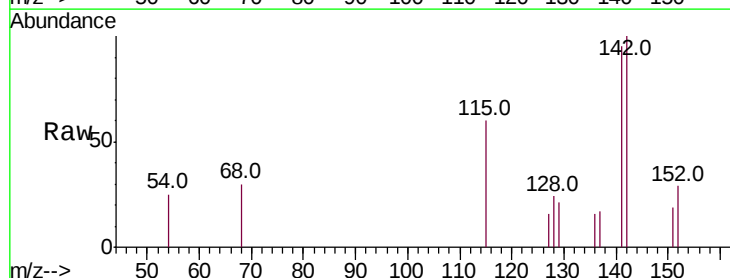
Acq: 12 Oct 2019 23:06

Tgt Ion:142 Resp: 616

Ion Ratio Lower Upper

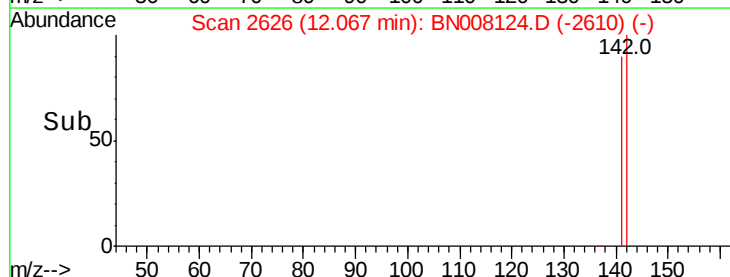
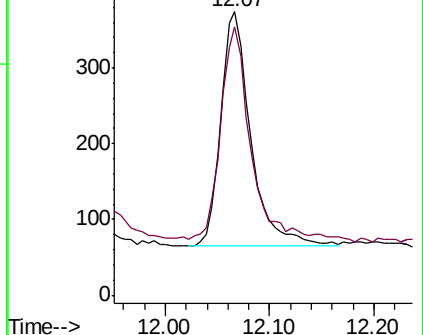
142 100

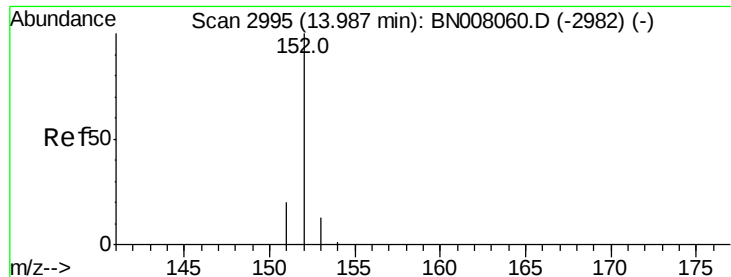
141 93.2 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.092 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampleId :

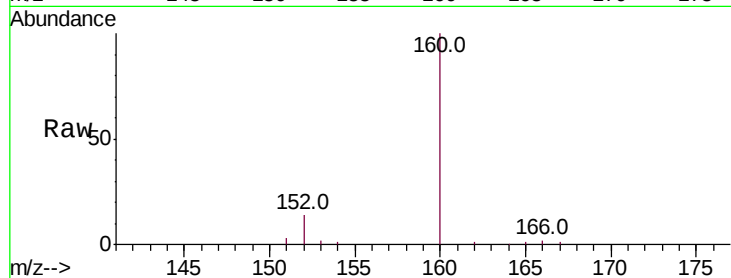
Tot Ion:152 Resp: 3271

Ion Ratio Lower Upper

152 100

151 22.4 16.2 24.4

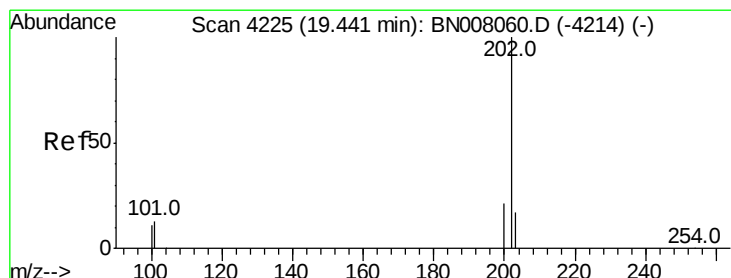
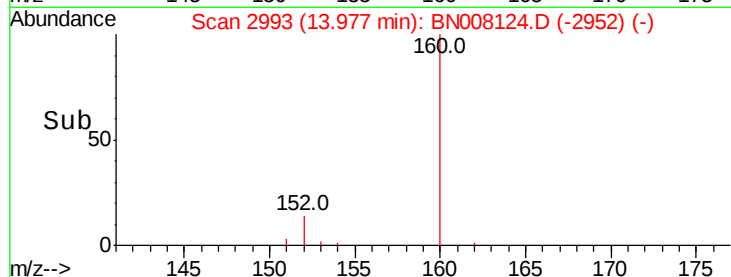
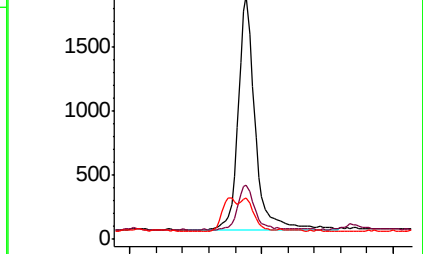
153 16.8 11.0 16.4#



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



#17

Pyrene

Concen: 107.484 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

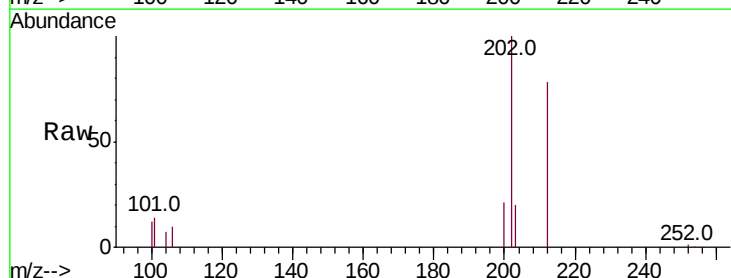
Tgt Ion:202 Resp: 26106

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

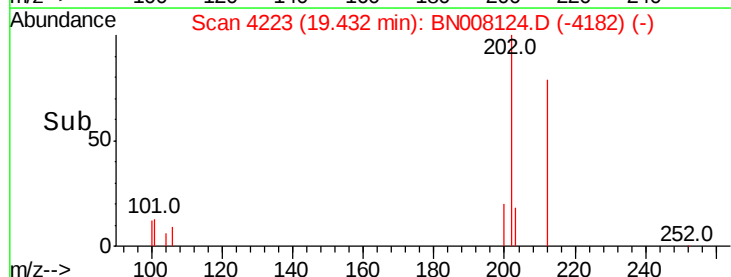
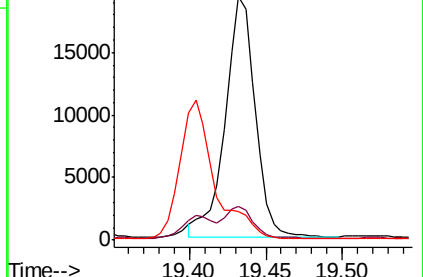
100 12.0 8.7 13.1

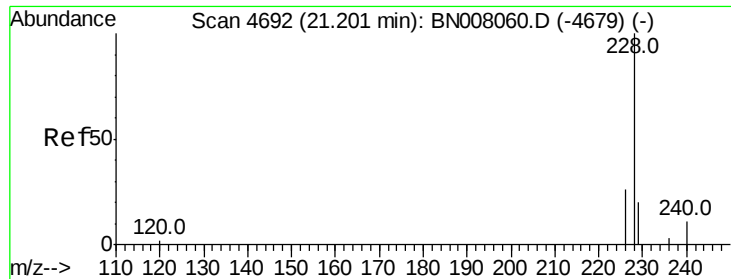


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 149.813 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. 0.04 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampleId :

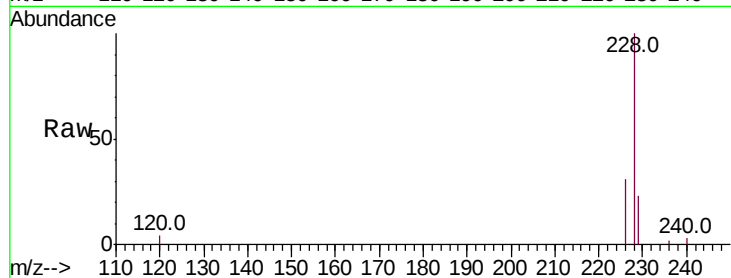
Tot Ion:228 Resp: 33225

Ion Ratio Lower Upper

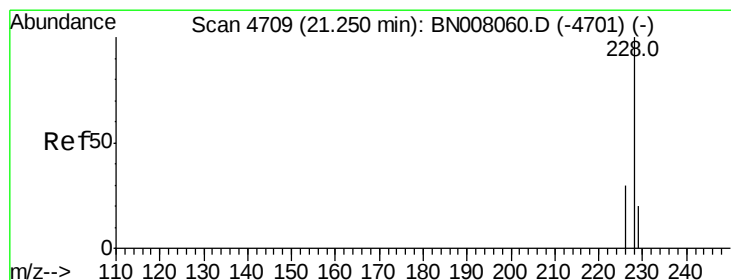
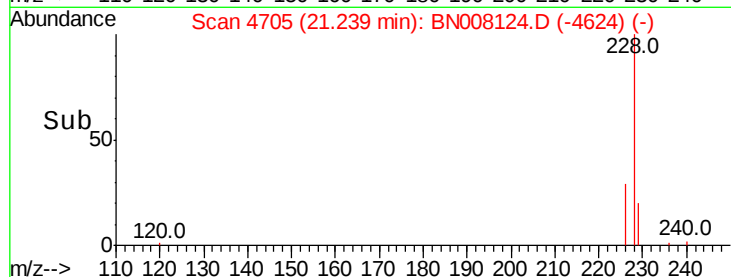
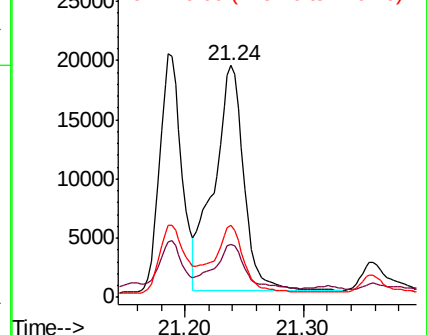
228 100

229 23.1 16.2 24.2

226 30.8 21.4 32.0



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#19

Chrysene

Concen: 100.825 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

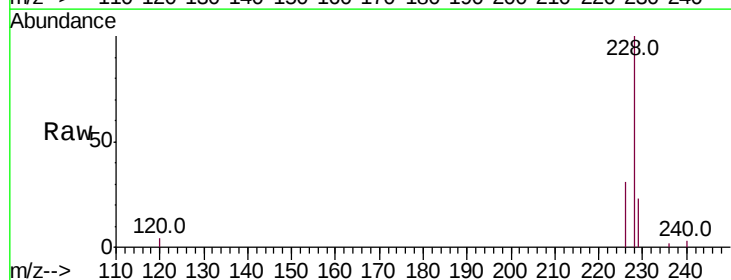
Tgt Ion:228 Resp: 27441

Ion Ratio Lower Upper

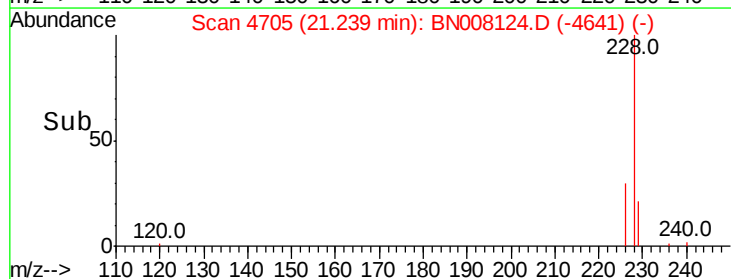
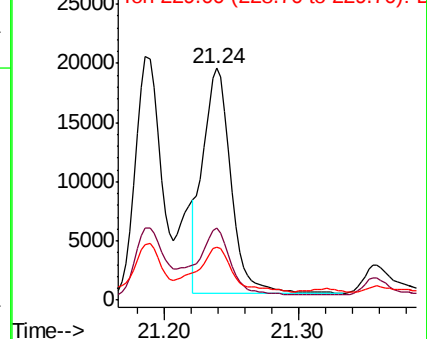
228 100

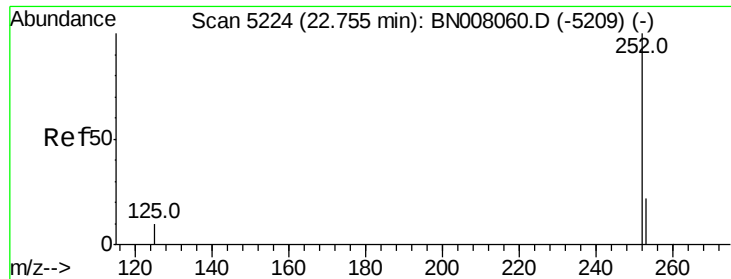
226 30.8 24.1 36.1

229 23.1 16.2 24.2



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#21

Benzo(b)fluoranthene

Concen: 53.674 ng/u1

RT: 22.91 min Scan# 5276

Delta R.T. 0.15 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampleId :

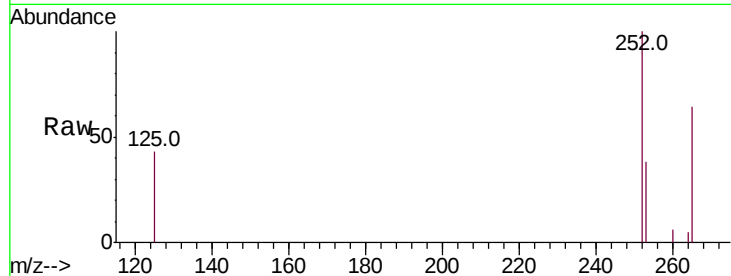
Tot Ion:252 Resp: 8911

Ion Ratio Lower Upper

252 100

253 38.5 0.0 53.4

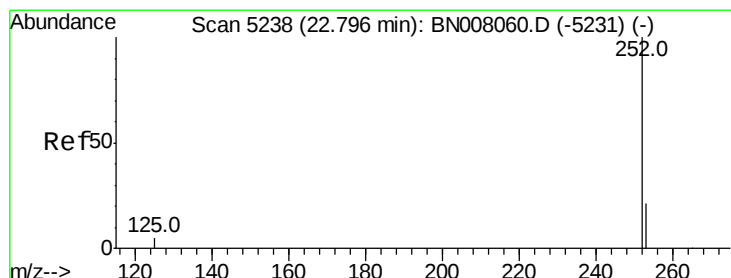
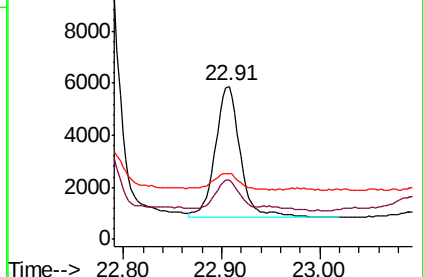
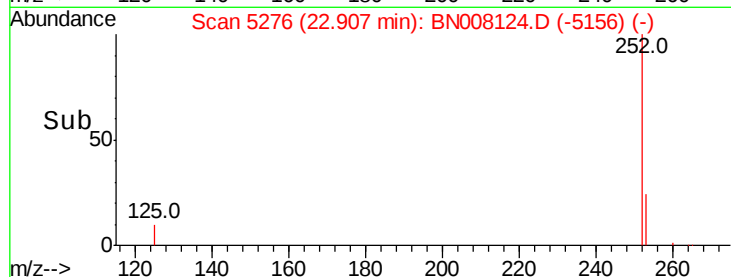
125 42.8 0.0 32.4#



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



#22

Benzo(k)fluoranthene

Concen: 47.382 ng/u1

RT: 22.91 min Scan# 5276

Delta R.T. 0.11 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

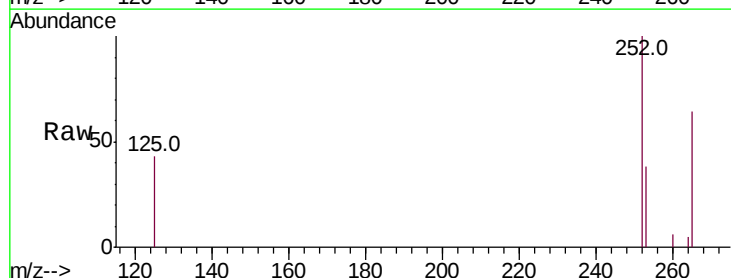
Tgt Ion:252 Resp: 8911

Ion Ratio Lower Upper

252 100

253 38.5 21.3 31.9#

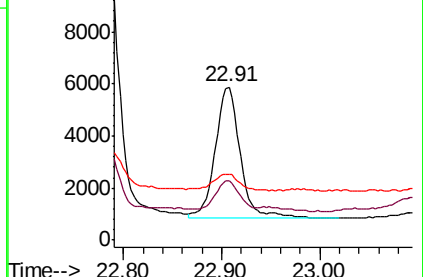
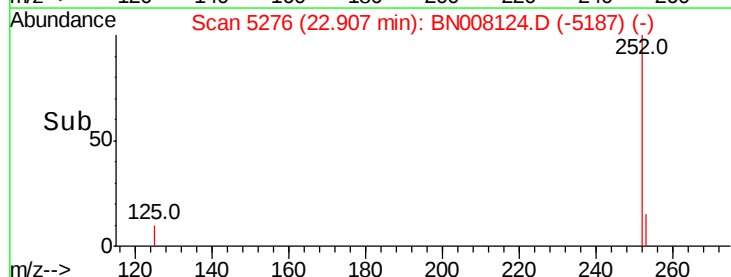
125 42.8 12.3 18.5#

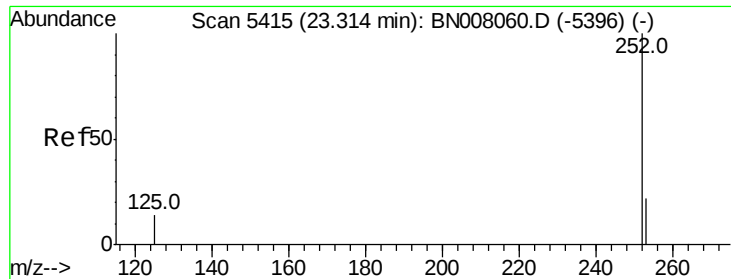


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 1.116 ng/u1

RT: 23.54 min Scan# 5491

Delta R.T. 0.22 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

Instrument :

BNA_N

ClientSampled :

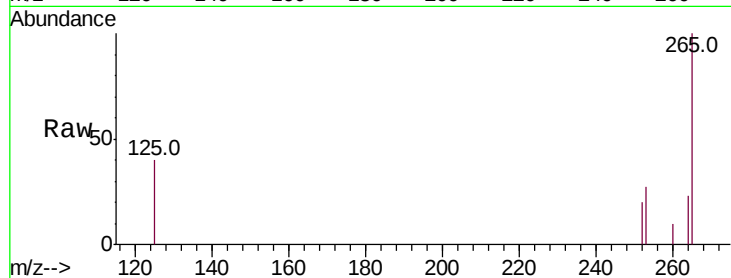
Tot Ion:252 Resp: 195

Ion Ratio Lower Upper

252 100

253 132.4 22.8 34.2#

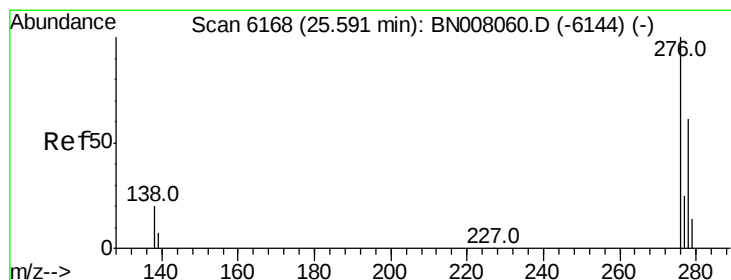
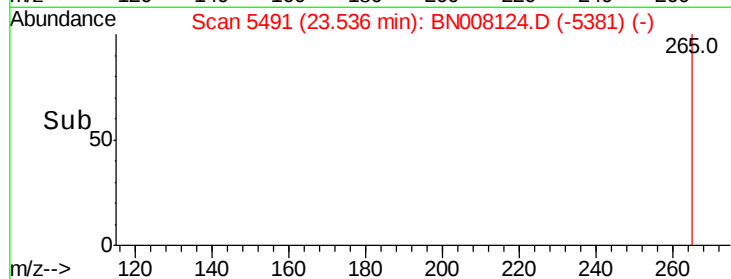
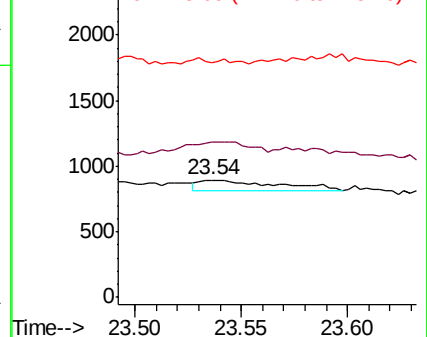
125 199.6 18.4 27.6#



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: 4.957 ng/u1

RT: 25.82 min Scan# 6235

Delta R.T. 0.22 min

Lab File: BN008124.D

Acq: 12 Oct 2019 23:06

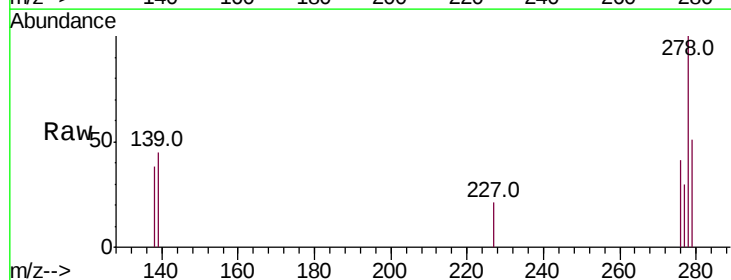
Tgt Ion:276 Resp: 1020

Ion Ratio Lower Upper

276 100

138 46.9 16.1 24.1#

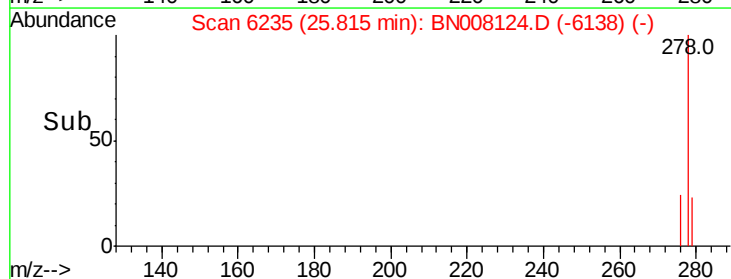
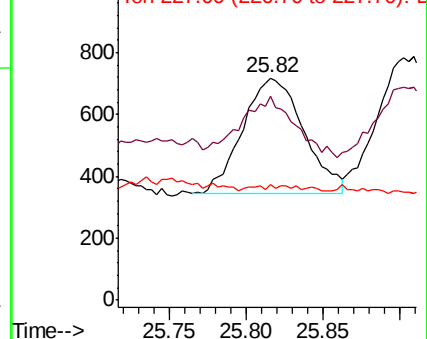
227 1.3 0.2 0.2#

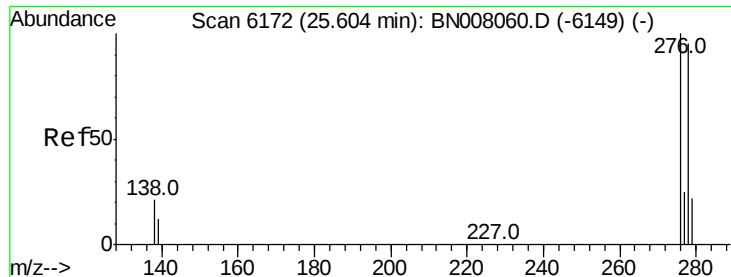


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 227.00 (226.70 to 227.70): E

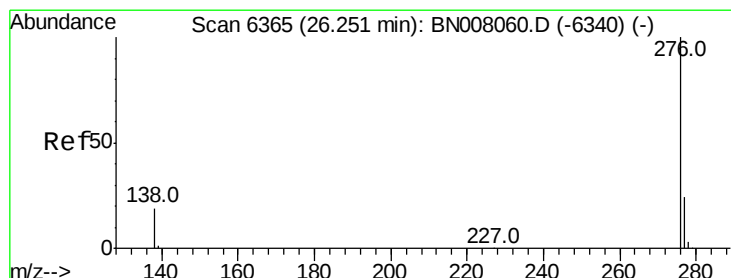
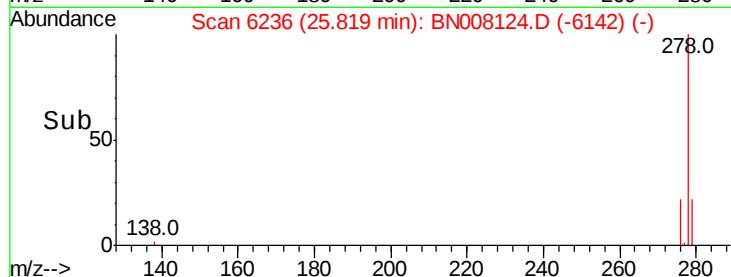
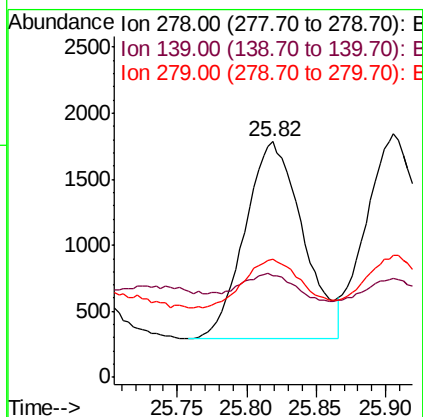
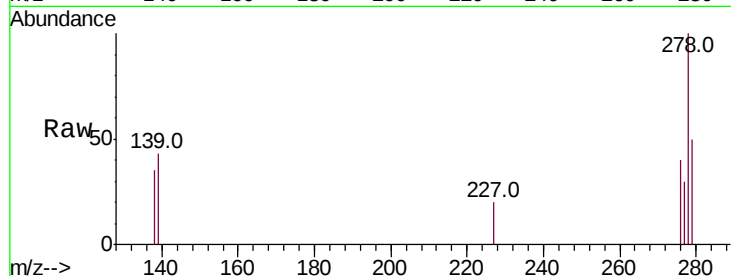




#25
Dibenzo(a,h)anthracene
Concen: 26.720 ng/u1
RT: 25.82 min Scan# 6236
Delta R.T. 0.21 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 4346
Ion Ratio Lower Upper
278 100
139 42.9 15.0 22.6#
279 50.3 22.4 33.6#



#26
Benzo(g,h,i)perylene
Concen: 2.173 ng/u1
RT: 26.43 min Scan# 6418
Delta R.T. 0.18 min
Lab File: BN008124.D
Acq: 12 Oct 2019 23:06

Tgt Ion:276 Resp: 410
Ion Ratio Lower Upper
276 100
138 94.4 17.0 25.4#
277 85.1 20.4 30.6#

