

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN101119\
 Data File : BN008125.D
 Acq On : 12 Oct 2019 23:42
 Operator : JU
 Sample : K5178-16
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Oct 13 00:56:03 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

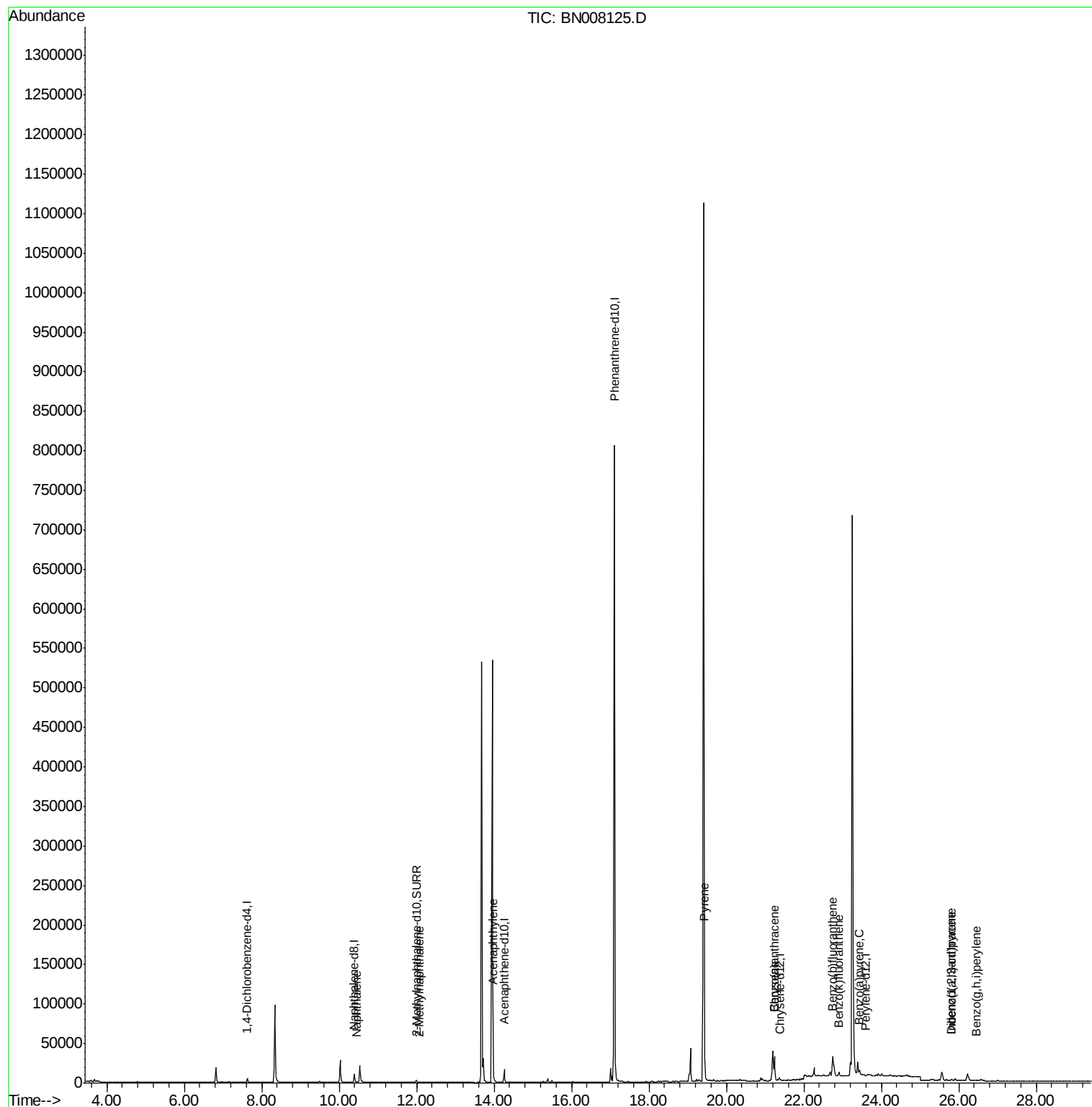
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	2938	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.39	136	14404	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.26	164	9229	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.11	188	939237	0.40	ng/ul	0.09
16) Chrysene-d12	21.38	240	44	0.40	ng/ul	0.16
20) Perylene-d12	23.58	264	66	0.40	ng/ul	0.18
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.99	152	4322	0.18	ng/ul	-0.01
14) Fluoranthene-d10	19.14	212	147	0.00	ng/ul	0.08
Target Compounds						
					Ovalue	
3) Naphthalene	10.44	128	969	0.024	ng/ul#	76
5) 2-Methylnaphthalene	12.07	142	606	0.022	ng/ul	98
7) Acenaphthylene	13.98	152	3358	0.076	ng/ul	95
17) Pyrene	19.43	202	38130	217.644	ng/ul	99
18) Benzo(a)anthracene	21.24	228	32690	204.351	ng/ul	92
19) Chrysene	21.24	228	28204	143.667	ng/ul	96
21) Benzo(b)fluoranthene	22.74	252	42407	197.378	ng/ul	85
22) Benzo(k)fluoranthene	22.91	252	6745	27.714	ng/ul#	32
23) Benzo(a)pyrene	23.44	252	7707	34.088	ng/ul#	53
24) Indeno(1,2,3-cd)pyrene	25.81	276	792	2.974	ng/ul#	65
25) Dibenzo(a,h)anthracene	25.82	278	3059	14.533	ng/ul#	29
26) Benzo(g,h,i)perylene	26.44	276	381	1.560	ng/ul#	1

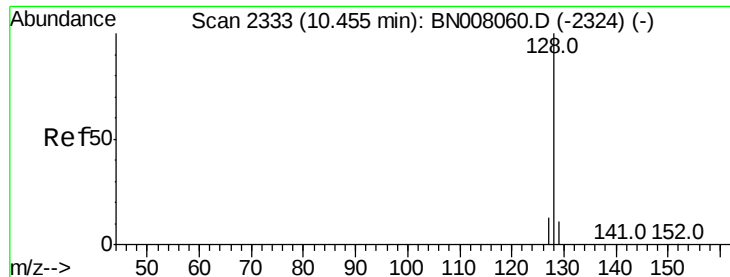
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.024 ng/ul

RT: 10.44 min Scan# 2330

Delta R.T. -0.02 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :

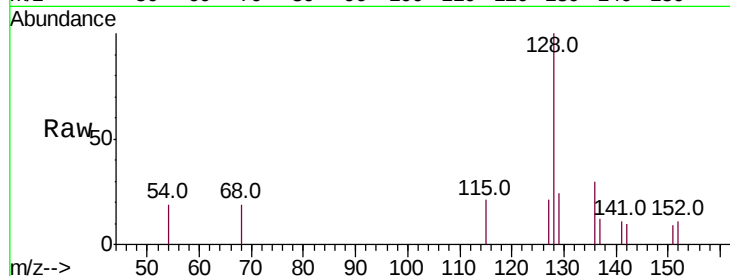
Tot Ion:128 Resp: 969

Ion Ratio Lower Upper

128 100

129 24.1 9.8 14.8#

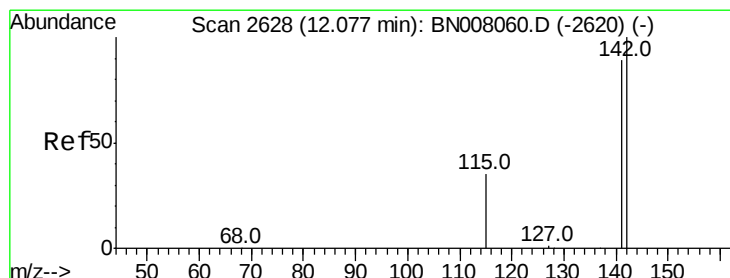
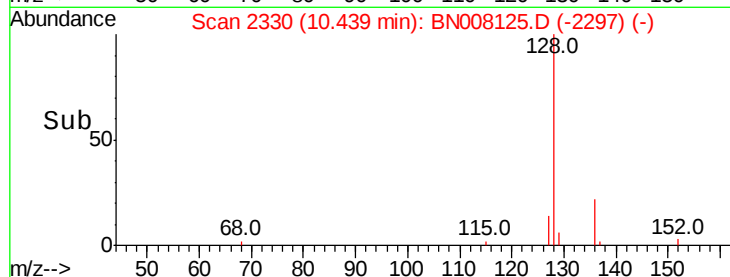
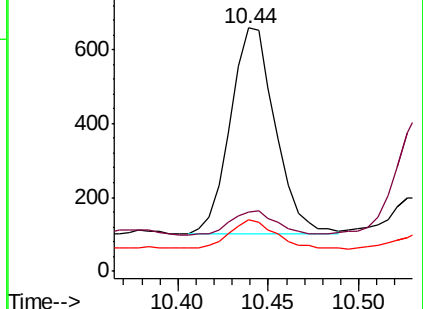
127 21.2 11.1 16.7#



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



#5

2-Methylnaphthalene

Concen: 0.022 ng/ul

RT: 12.07 min Scan# 2626

Delta R.T. -0.01 min

Lab File: BN008125.D

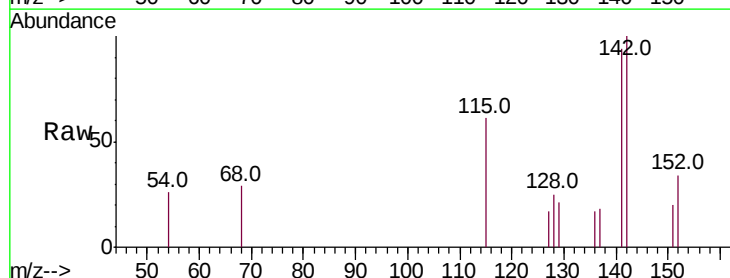
Acq: 12 Oct 2019 23:42

Tgt Ion:142 Resp: 606

Ion Ratio Lower Upper

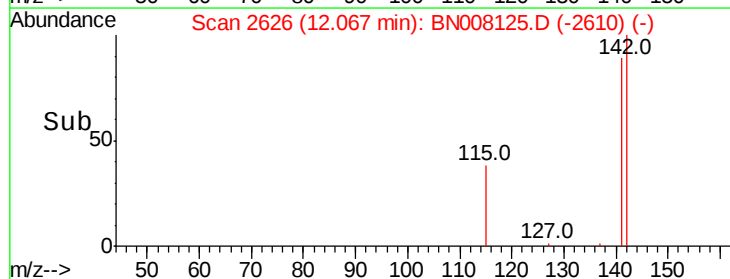
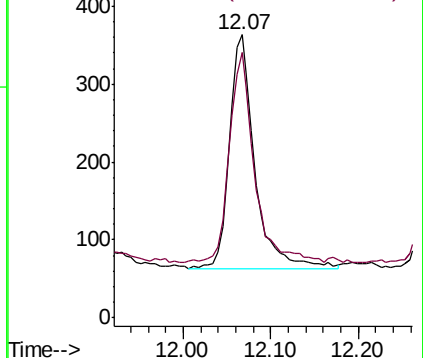
142 100

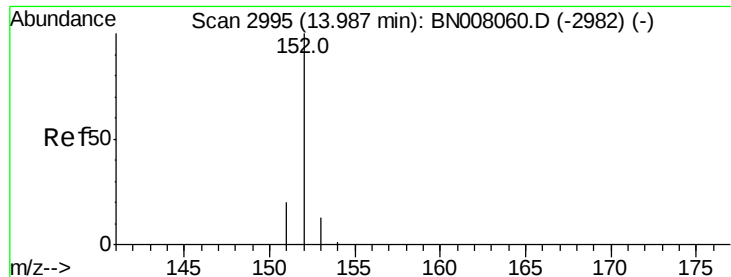
141 87.8 71.4 107.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.076 ng/ul

RT: 13.98 min Scan# 2993

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :

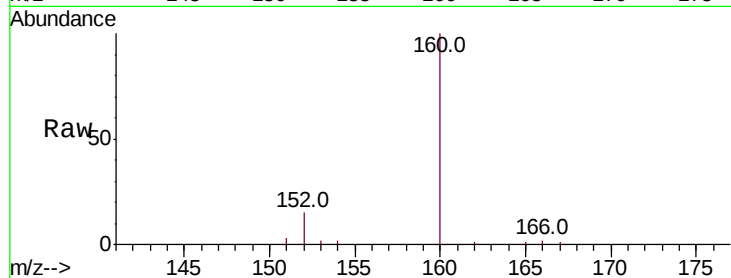
Tot Ion:152 Resp: 3358

Ion Ratio Lower Upper

152 100

151 22.2 16.2 24.4

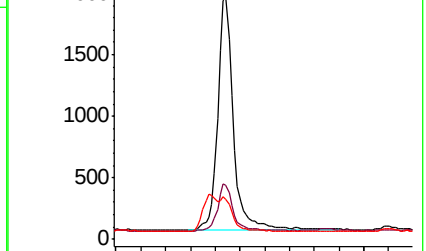
153 16.4 11.0 16.4



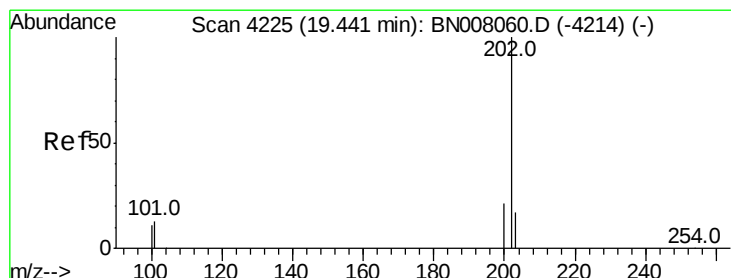
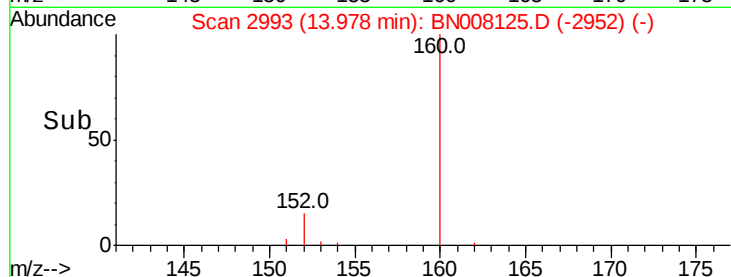
Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



Time--> 13.80 14.00 14.20



#17

Pyrene

Concen: 217.644 ng/ul

RT: 19.43 min Scan# 4223

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

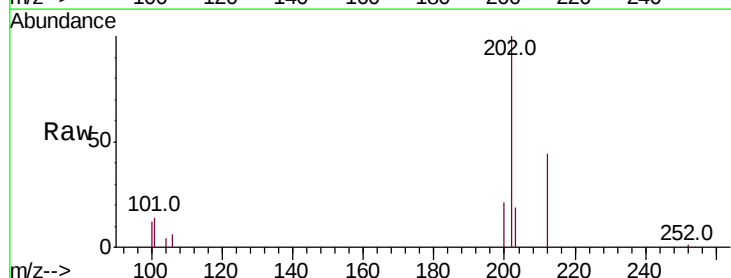
Tgt Ion:202 Resp: 38130

Ion Ratio Lower Upper

202 100

101 13.9 10.9 16.3

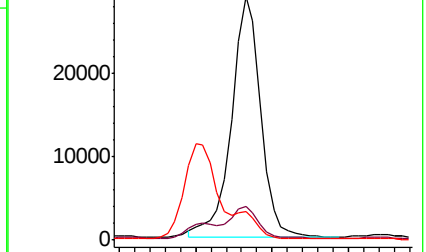
100 11.6 8.7 13.1



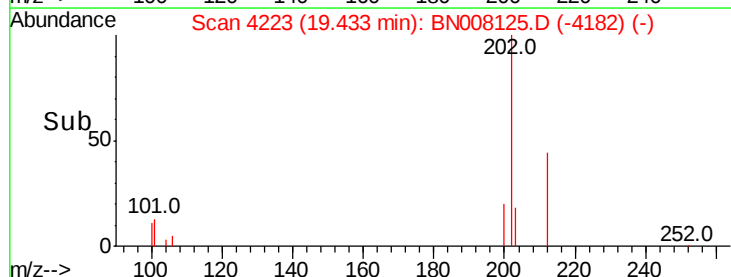
Abundance Ion 202.00 (201.70 to 202.70): E

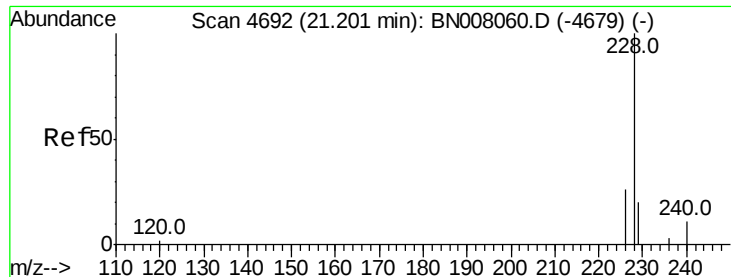
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time--> 19.35 19.40 19.45 19.50





#18

Benzo(a)anthracene

Concen: 204.351 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. 0.04 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :

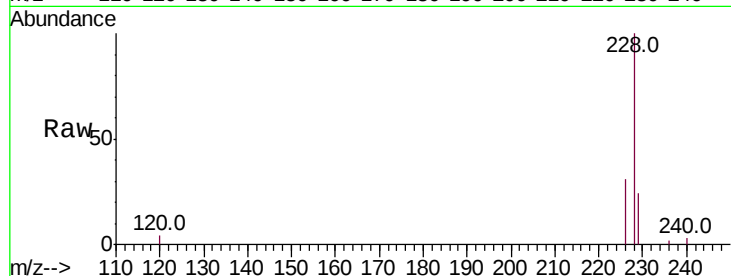
Tot Ion:228 Resp: 32690

Ion Ratio Lower Upper

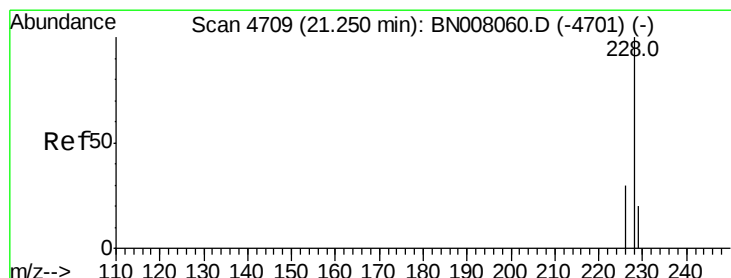
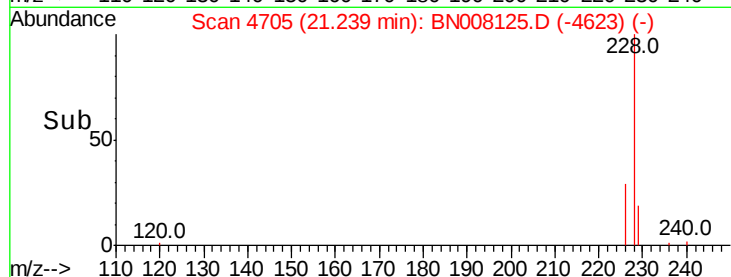
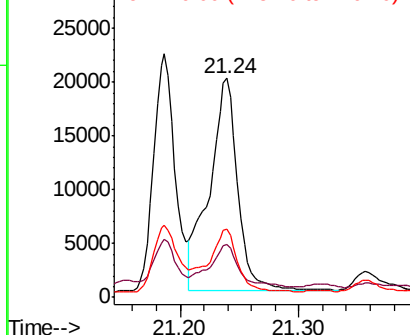
228 100

229 24.2 16.2 24.2

226 31.0 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: 143.667 ng/ul

RT: 21.24 min Scan# 4705

Delta R.T. -0.01 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

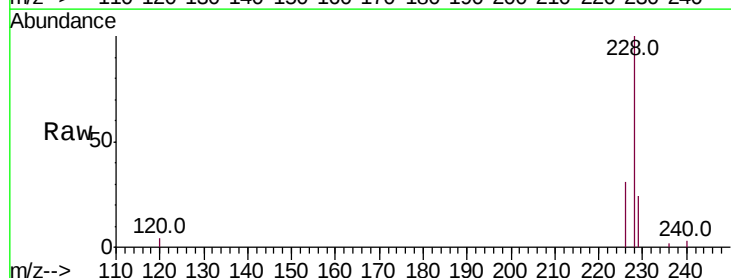
Tgt Ion:228 Resp: 28204

Ion Ratio Lower Upper

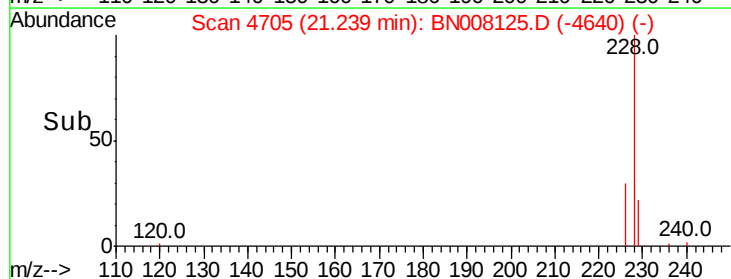
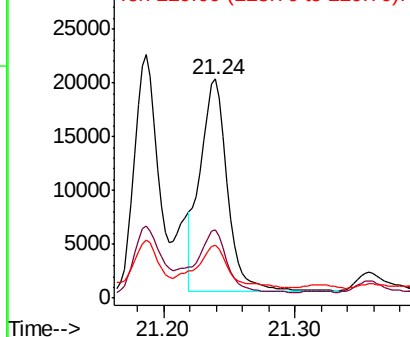
228 100

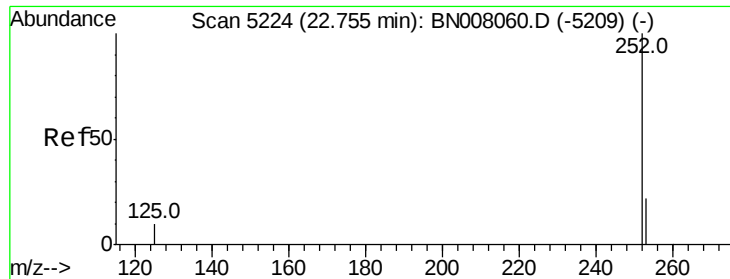
226 31.0 24.1 36.1

229 24.2 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: 197.378 ng/ul

RT: 22.74 min Scan# 5218

Delta R.T. -0.02 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :

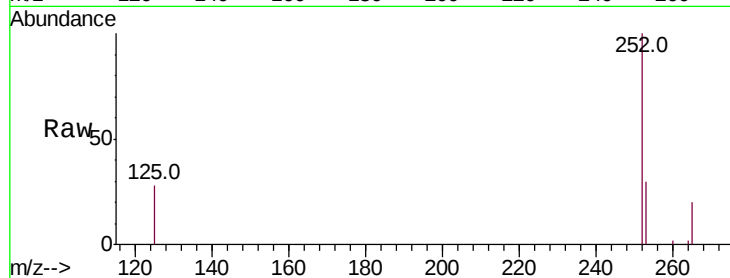
Tot Ion:252 Resp: 42407

Ion Ratio Lower Upper

252 100

253 30.3 0.0 53.4

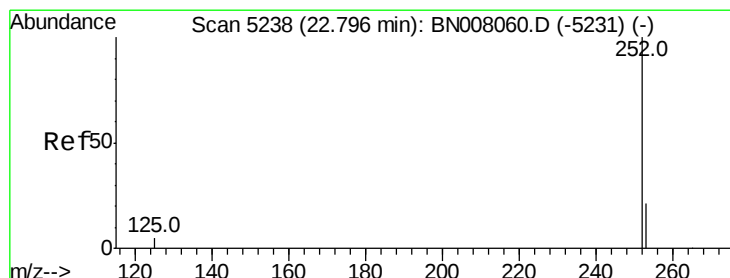
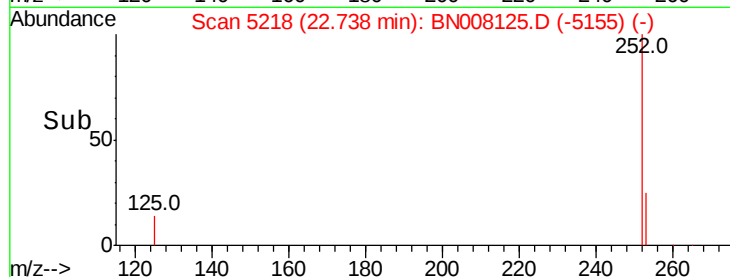
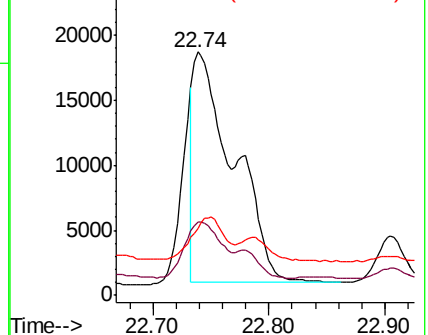
125 27.6 0.0 32.4



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: 27.714 ng/ul

RT: 22.91 min Scan# 5275

Delta R.T. 0.11 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

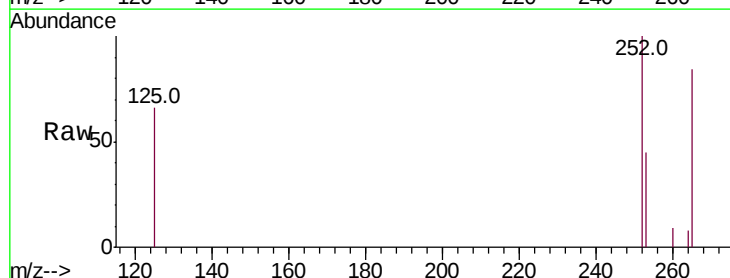
Tgt Ion:252 Resp: 6745

Ion Ratio Lower Upper

252 100

253 45.5 21.3 31.9#

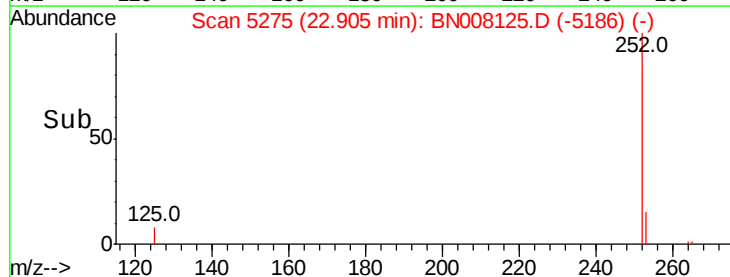
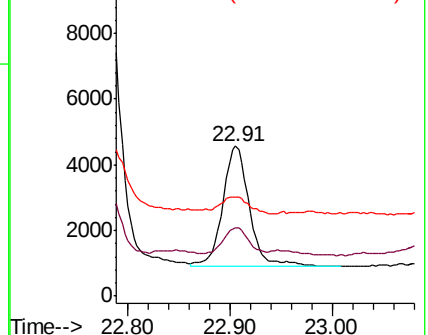
125 66.4 12.3 18.5#

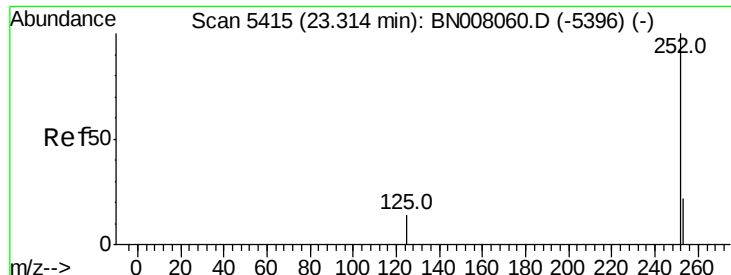


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 34.088 ng/u1

RT: 23.44 min Scan# 5457

Delta R.T. 0.12 min

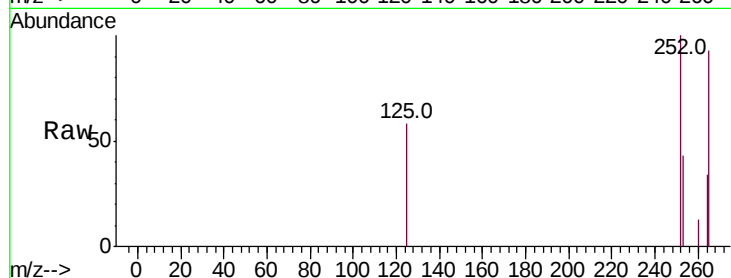
Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :



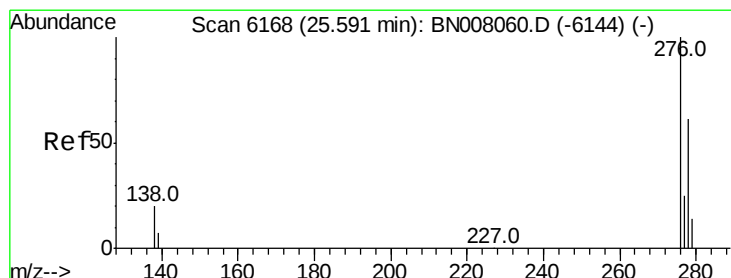
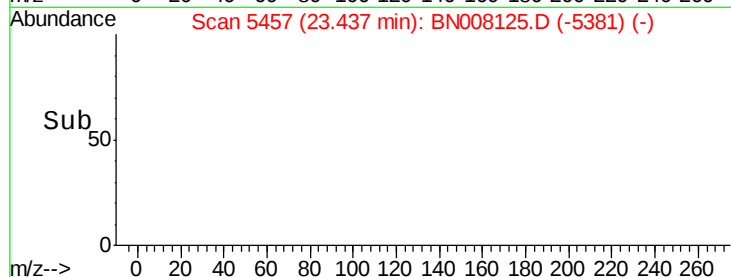
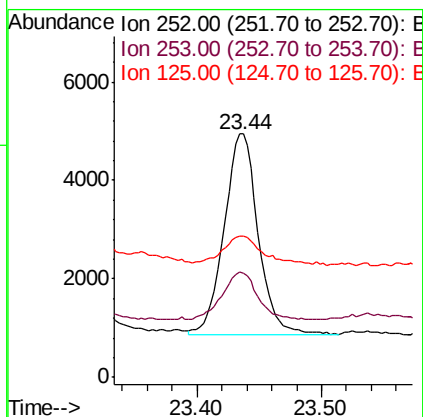
Tot Ion:252 Resp: 7707

Ion Ratio Lower Upper

252 100

253 42.5 22.8 34.2#

125 57.8 18.4 27.6#



#24

Indeno(1,2,3-cd)pyrene

Concen: 2.974 ng/u1

RT: 25.81 min Scan# 6234

Delta R.T. 0.22 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

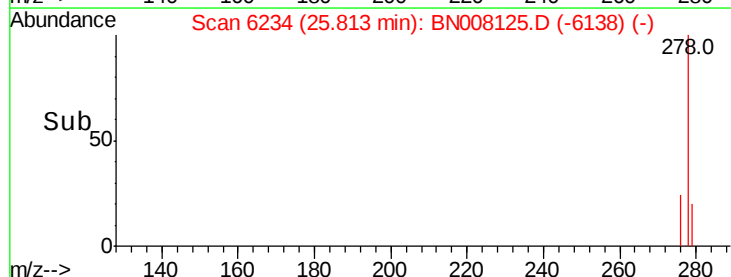
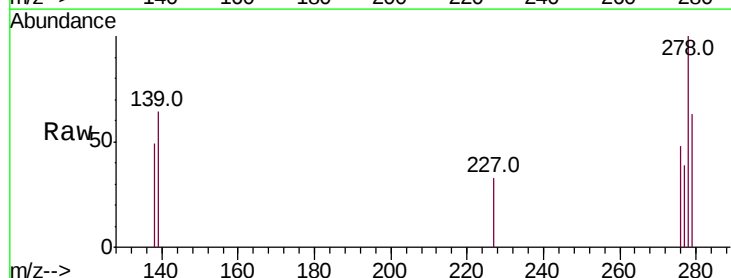
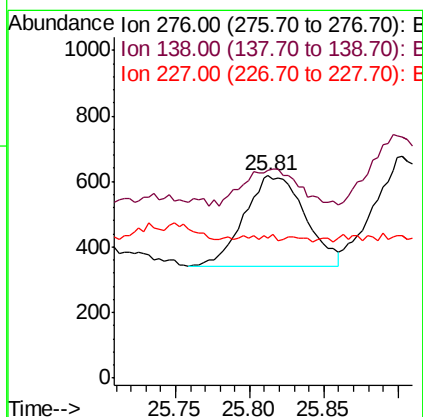
Tgt Ion:276 Resp: 792

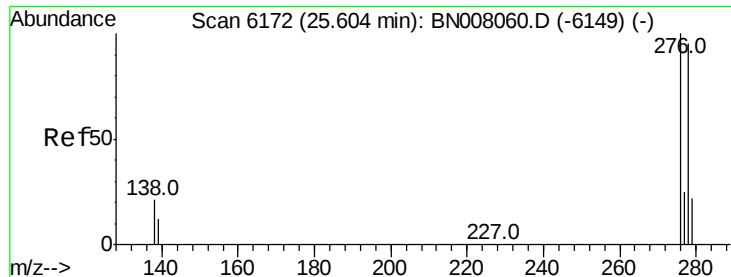
Ion Ratio Lower Upper

276 100

138 36.4 16.1 24.1#

227 1.6 0.2 0.2#





#25

Dibenzo(a,h)anthracene

Concen: 14.533 ng/ul

RT: 25.82 min Scan# 6235

Delta R.T. 0.21 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

Instrument :

BNA_N

ClientSampleId :

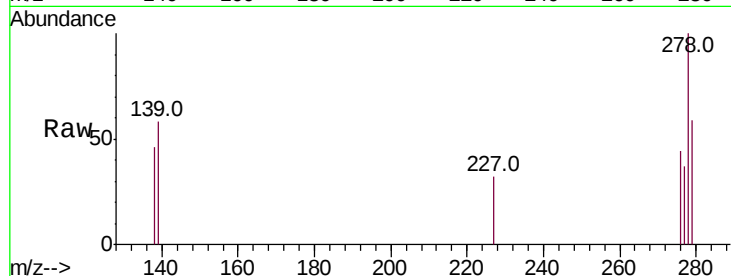
Tot Ion:278 Resp: 3059

Ion Ratio Lower Upper

278 100

139 58.4 15.0 22.6#

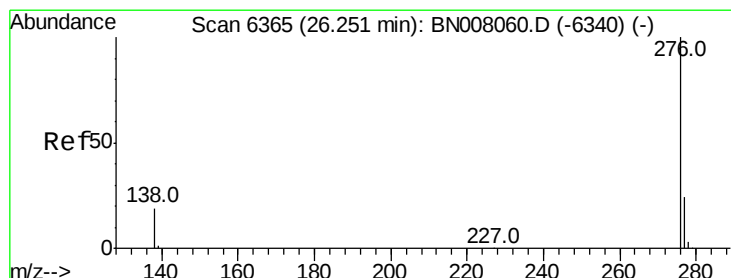
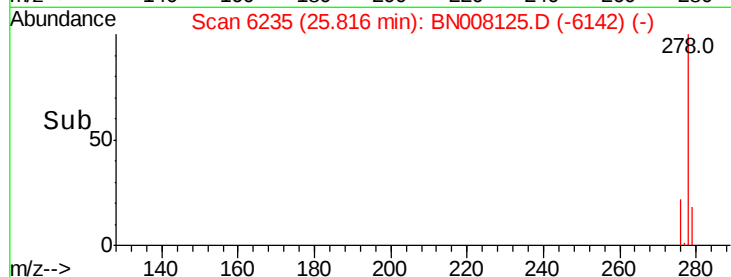
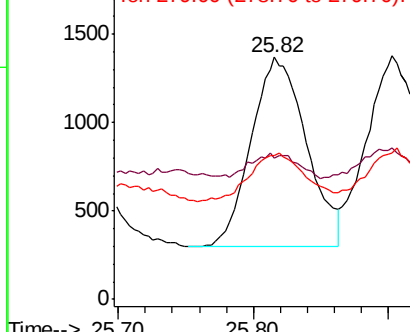
279 59.3 22.4 33.6#



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(g,h,i)perylene

Concen: 1.560 ng/ul

RT: 26.44 min Scan# 6422

Delta R.T. 0.19 min

Lab File: BN008125.D

Acq: 12 Oct 2019 23:42

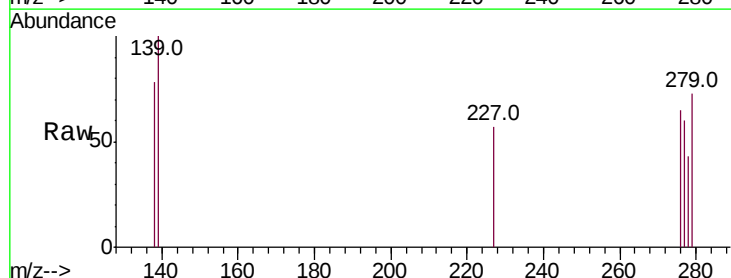
Tgt Ion:276 Resp: 381

Ion Ratio Lower Upper

276 100

138 119.3 17.0 25.4#

277 91.5 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

