

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN082819\
 Data File : BN007449.D
 Acq On : 28 Aug 2019 01:29
 Operator : HP/JU
 Sample : K4337-17
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Aug 28 02:11:17 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN082819.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 20:30:31 2019
 Response via : Initial Calibration

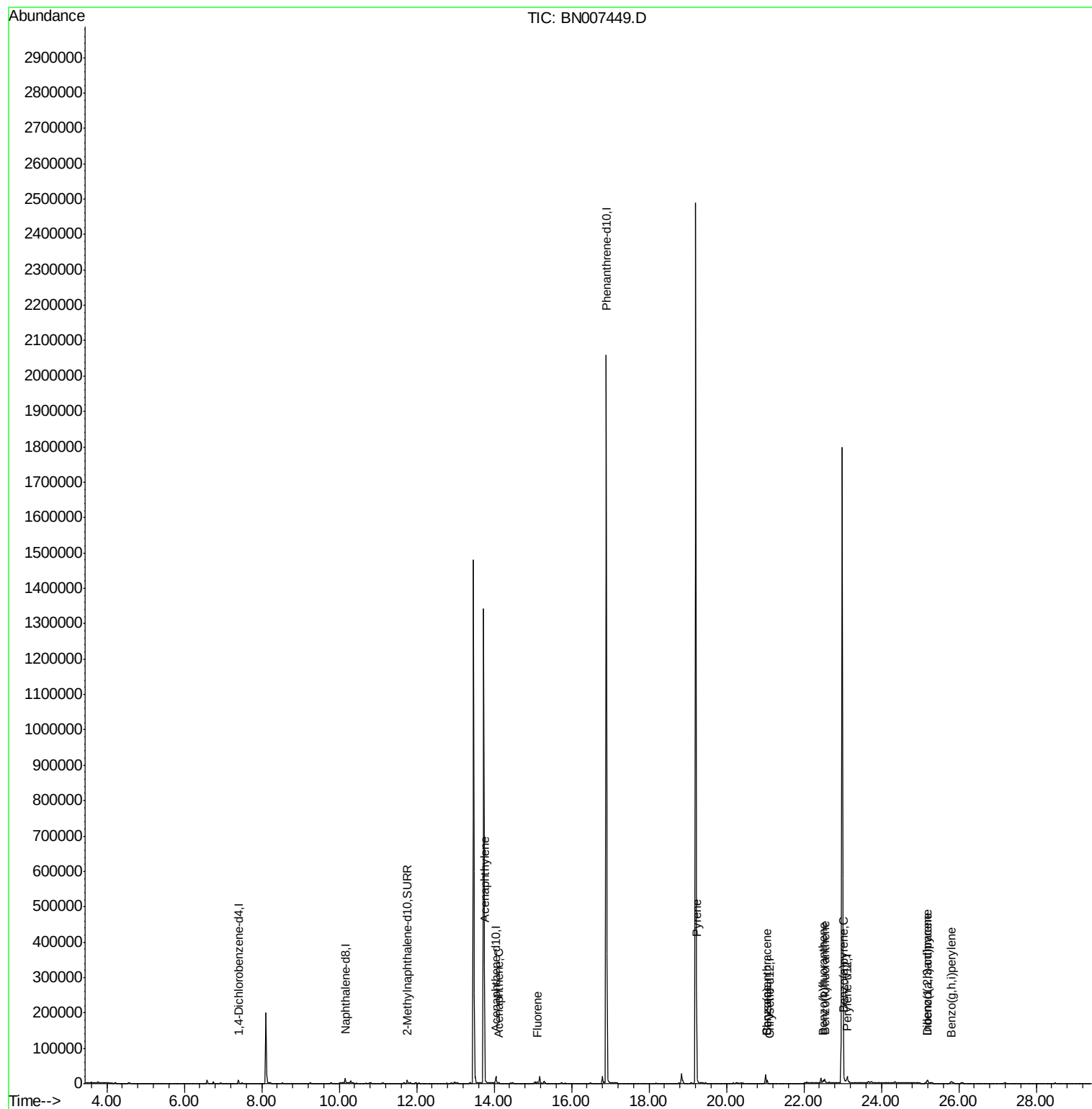
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.40	152	4598	0.40	ng/ul	0.00
2) Naphthalene-d8	10.15	136	19157	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.05	164	11110	0.40	ng/ul	0.00
10) Phenanthrene-d10	16.90	188	2378364	0.40	ng/ul	0.09
16) Chrysene-d12	21.11	240	50	0.40	ng/ul	0.09
20) Perylene-d12	23.12	264	26393	0.40	ng/ul	0.00
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.76	152	11255	0.38	ng/ul	0.00
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Ovalue		
7) Acenaphthylene	13.76	152	1843	0.030	ng/ul#	83
8) Acenaphthene	14.11	153	1273	0.029	ng/ul	97
9) Fluorene	15.11	166	2401	0.050	ng/ul#	97
17) Pyrene	19.24	202	8401	34.346	ng/ul#	95
18) Benzo(a)anthracene	21.05	228	7923	35.440	ng/ul	93
19) Chrysene	21.05	228	7718	32.154	ng/ul	97
21) Benzo(b)fluoranthene	22.50	252	8471	0.073	ng/ul	87
22) Benzo(k)fluoranthene	22.54	252	8298	0.069	ng/ul#	69
23) Benzo(a)pyrene	23.03	252	7472	0.065	ng/ul#	87
24) Indeno(1,2,3-cd)pyrene	25.18	276	10214	0.079	ng/ul#	98
25) Dibenzo(a,h)anthracene	25.20	278	7875	0.077	ng/ul#	86
26) Benzo(g,h,i)perylene	25.81	276	8612	0.078	ng/ul#	91

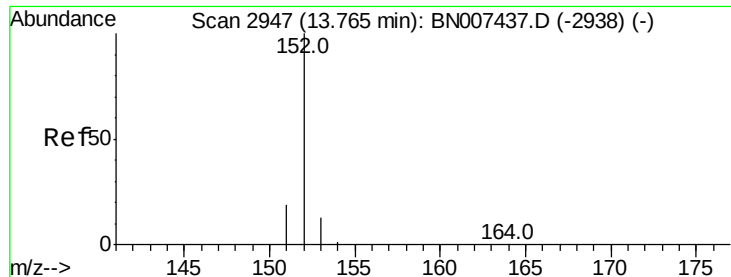
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#7

Acenaphthylene

Concen: 0.030 ng/ul

RT: 13.76 min Scan# 2946

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

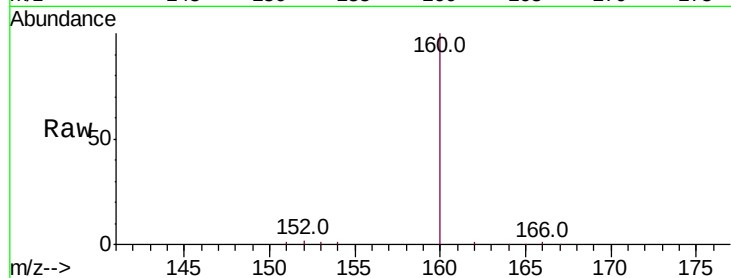
Tot Ion:152 Resp: 1843

Ion Ratio Lower Upper

152 100

151 24.9 15.8 23.6#

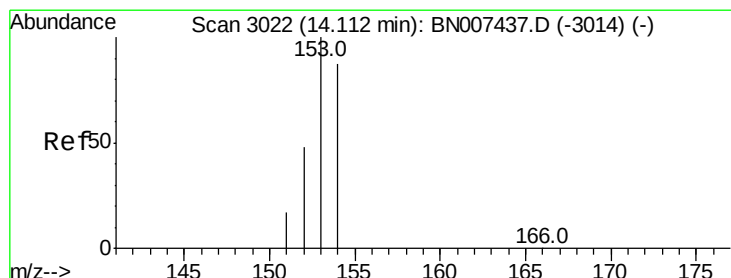
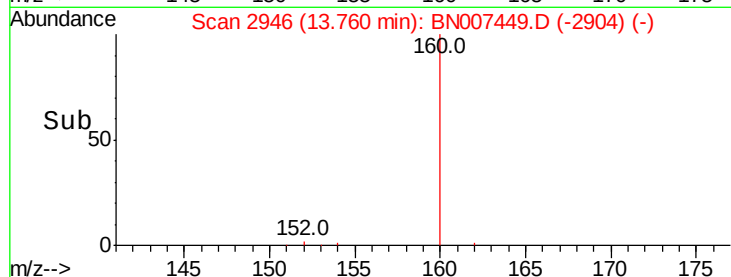
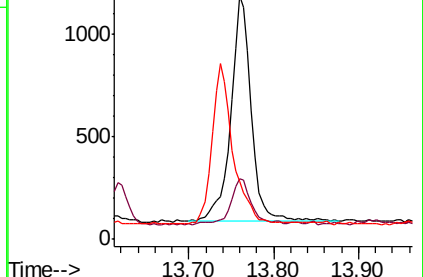
153 23.8 10.8 16.2#



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: 0.029 ng/ul

RT: 14.11 min Scan# 3022

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

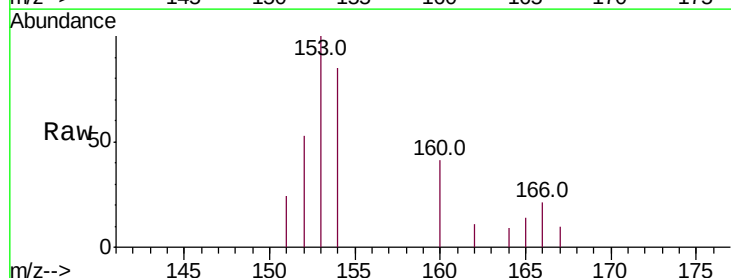
Tgt Ion:153 Resp: 1273

Ion Ratio Lower Upper

153 100

152 52.9 39.1 58.7

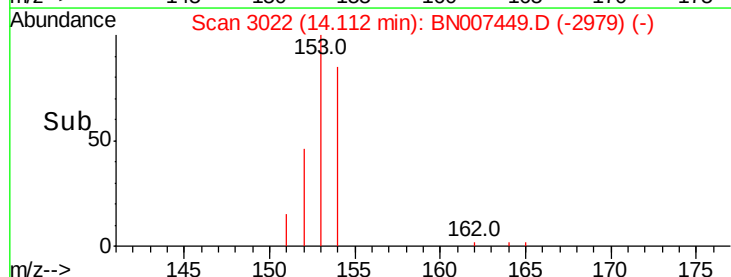
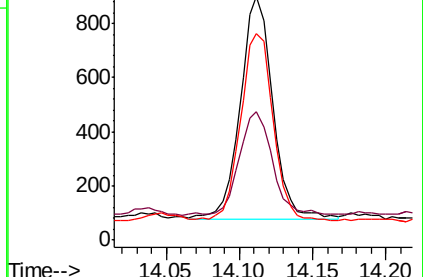
154 85.1 69.4 104.2

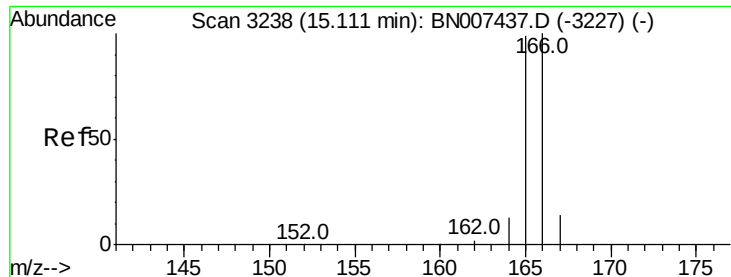


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.050 ng/ul

RT: 15.11 min Scan# 3237

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

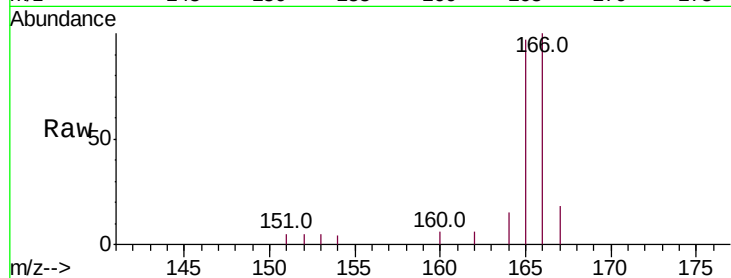
Tot Ion:166 Resp: 2401

Ion Ratio Lower Upper

166 100

165 97.5 79.6 119.4

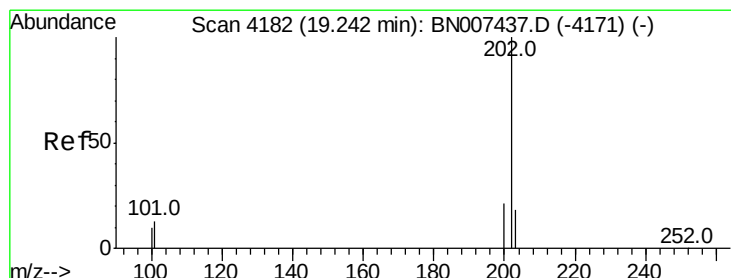
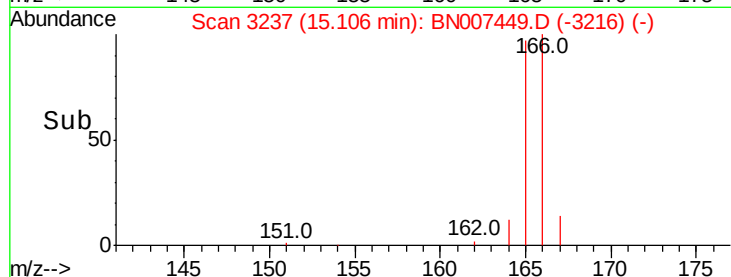
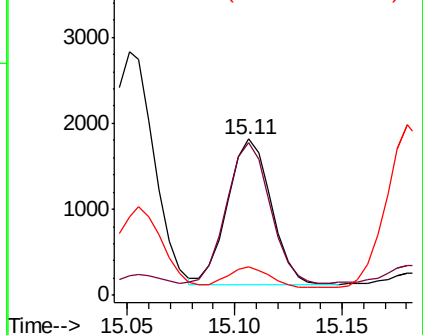
167 18.2 11.7 17.5#



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



#17

Pyrene

Concen: 34.346 ng/ul

RT: 19.24 min Scan# 4181

Delta R.T. -0.00 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

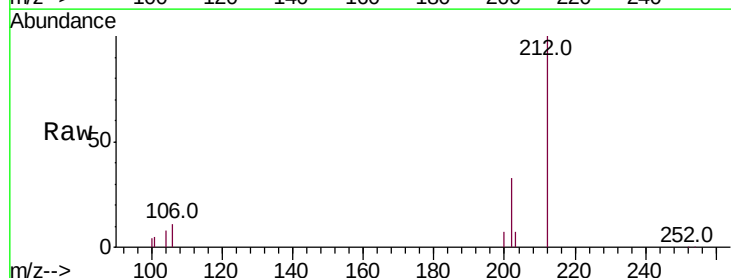
Tgt Ion:202 Resp: 8401

Ion Ratio Lower Upper

202 100

101 14.8 10.7 16.1

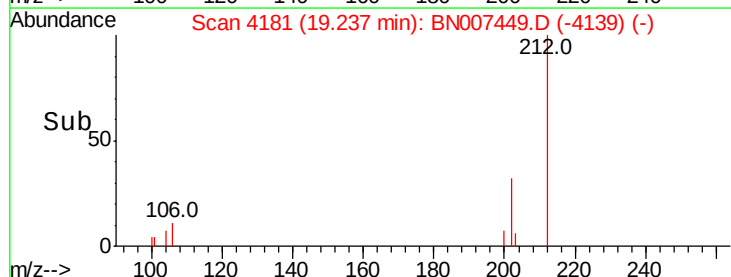
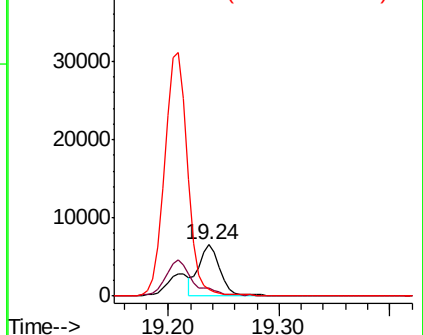
100 13.7 8.6 12.8#

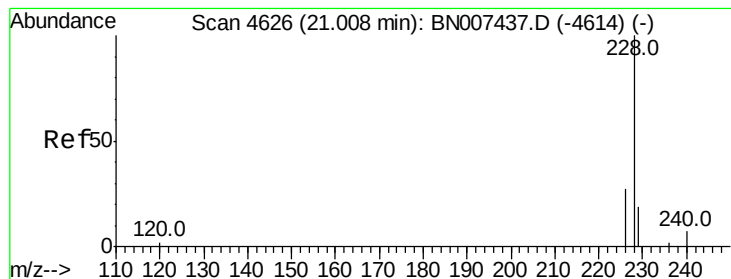


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#18

Benzo(a)anthracene

Concen: 35.440 ng/ul

RT: 21.05 min Scan# 4641

Delta R.T. 0.04 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

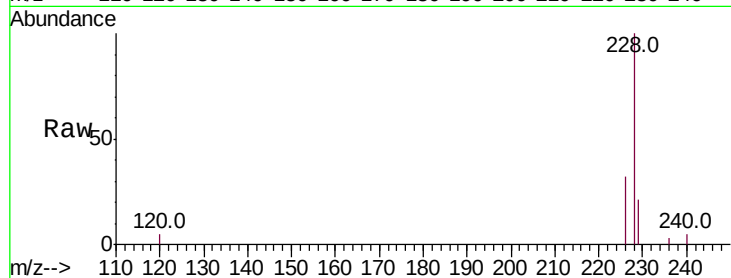
Tot Ion:228 Resp: 7923

Ion Ratio Lower Upper

228 100

229 21.4 15.4 23.2

226 32.0 22.0 33.0

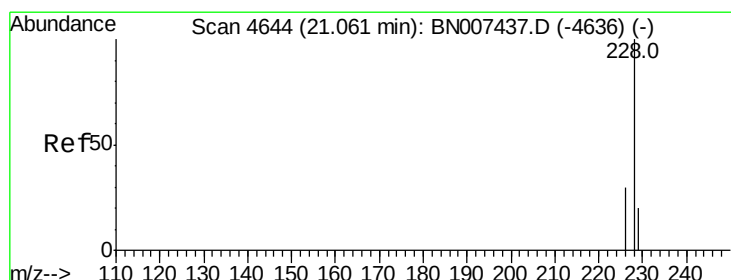
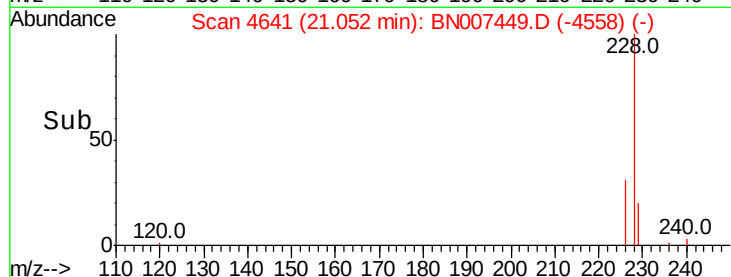
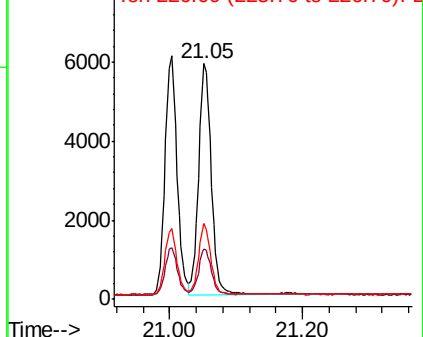


Abundance

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: 32.154 ng/ul

RT: 21.05 min Scan# 4641

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

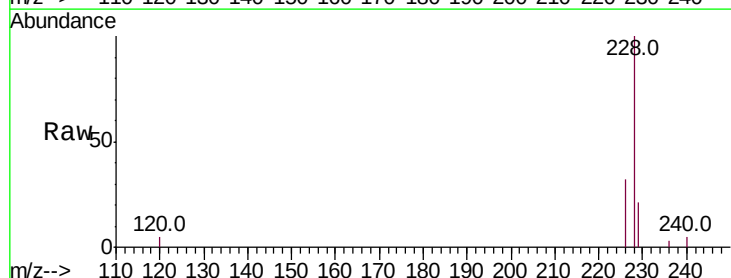
Tgt Ion:228 Resp: 7718

Ion Ratio Lower Upper

228 100

226 32.0 24.1 36.1

229 21.4 16.1 24.1

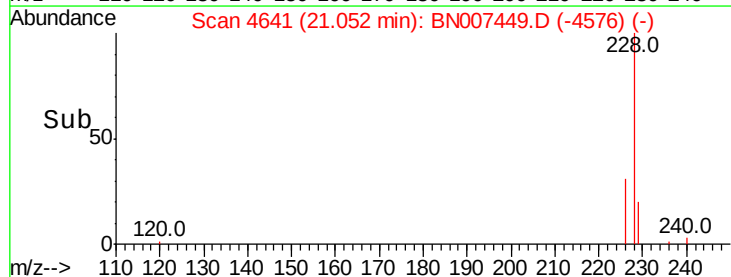
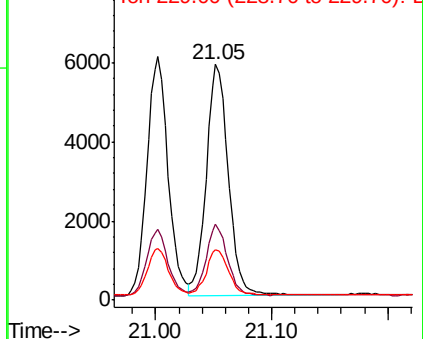


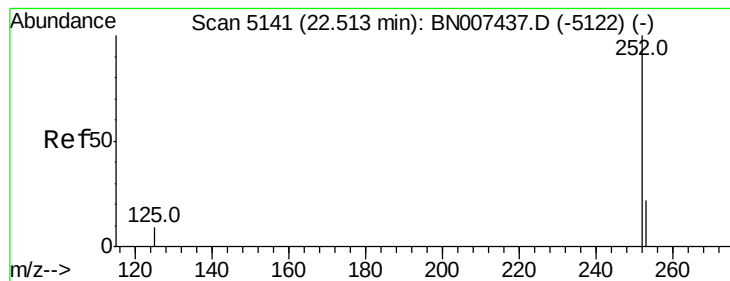
Abundance

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: 0.073 ng/ul

RT: 22.50 min Scan# 5136

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

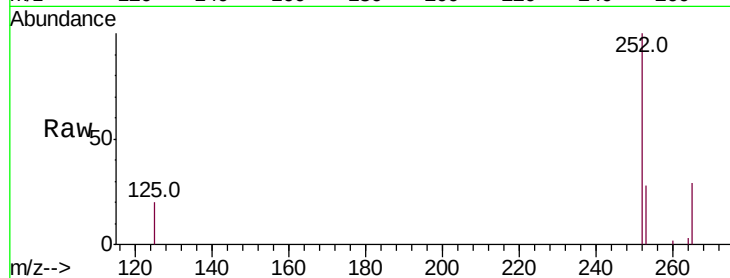
Tot Ion:252 Resp: 8471

Ion Ratio Lower Upper

252 100

253 28.4 0.0 47.0

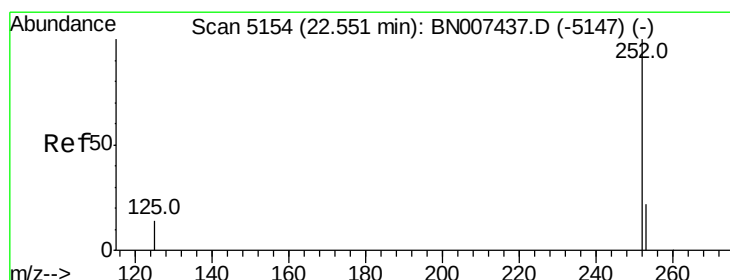
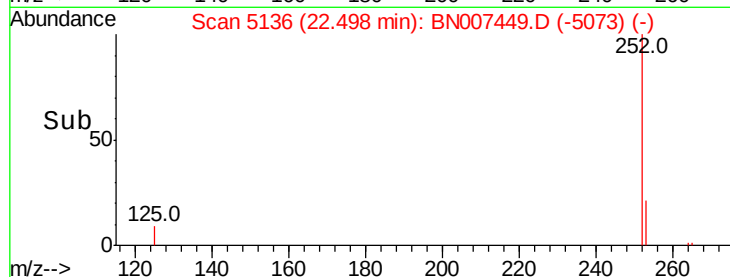
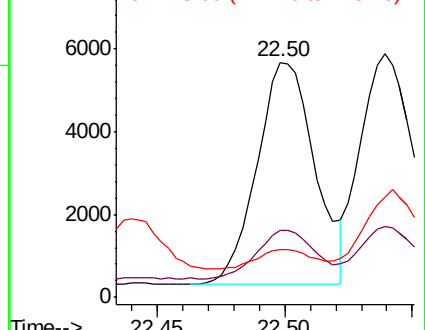
125 20.1 0.0 24.8



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: 0.069 ng/ul

RT: 22.54 min Scan# 5150

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

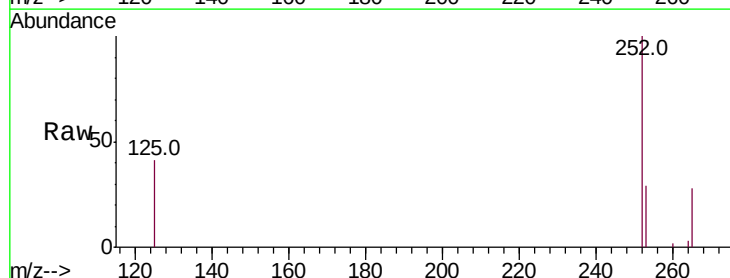
Tgt Ion:252 Resp: 8298

Ion Ratio Lower Upper

252 100

253 29.0 18.7 28.1#

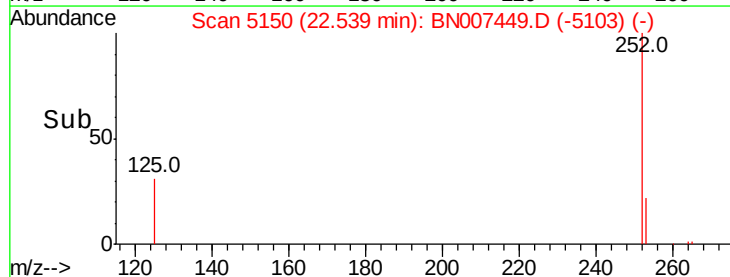
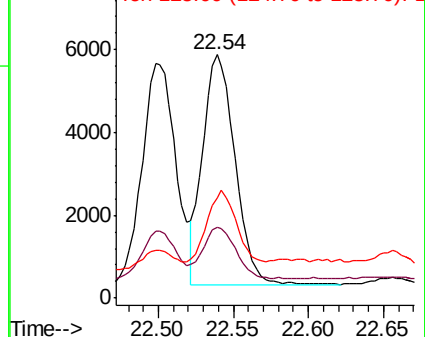
125 41.2 12.4 18.6#

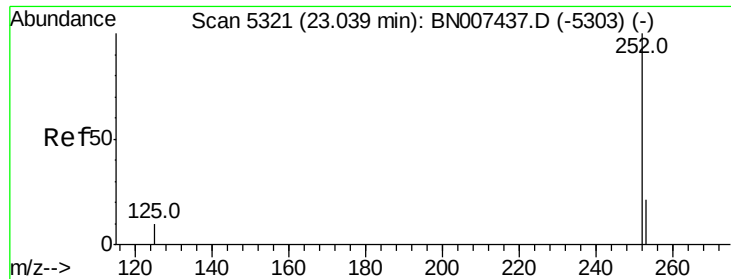


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.065 ng/ul

RT: 23.03 min Scan# 5318

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

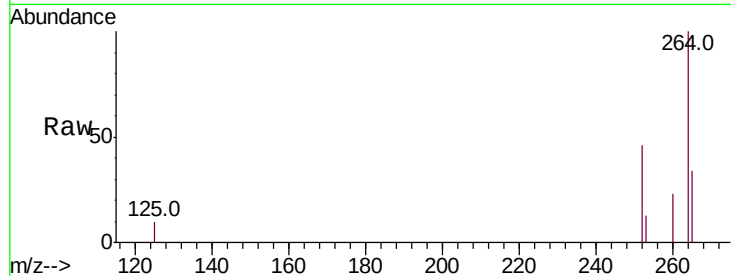
Tot Ion:252 Resp: 7472

Ion Ratio Lower Upper

252 100

253 28.9 19.0 28.6#

125 21.3 11.2 16.8#

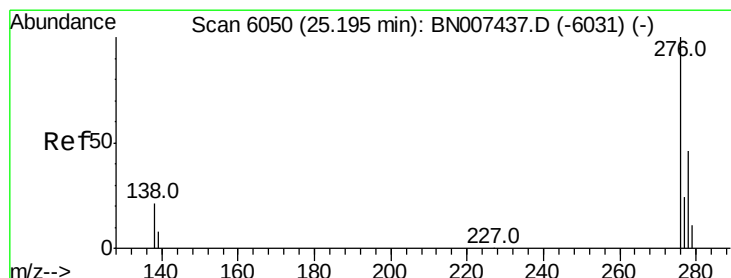
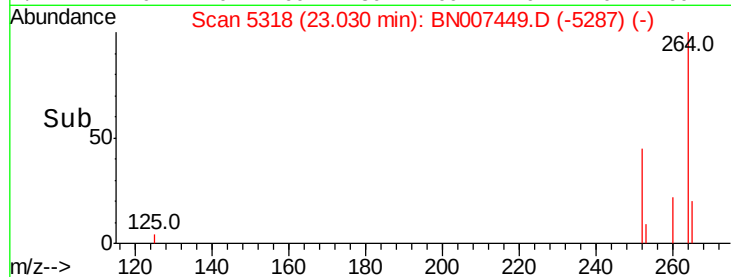
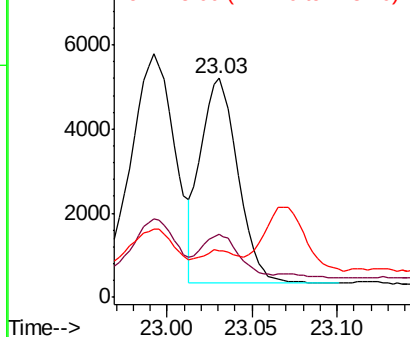


Abundance

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: 0.079 ng/ul

RT: 25.18 min Scan# 6046

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

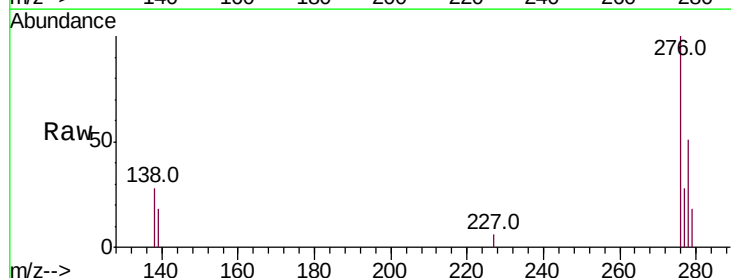
Tgt Ion:276 Resp: 10214

Ion Ratio Lower Upper

276 100

138 23.5 19.7 29.5

227 0.0 0.1 0.1#

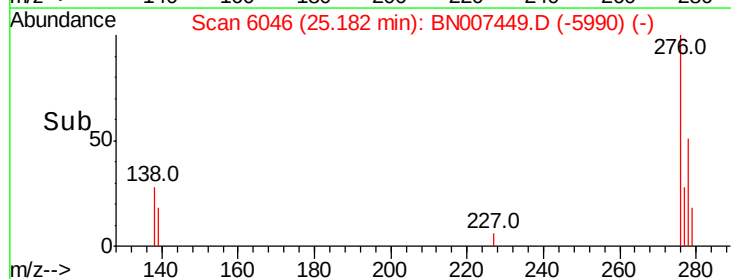
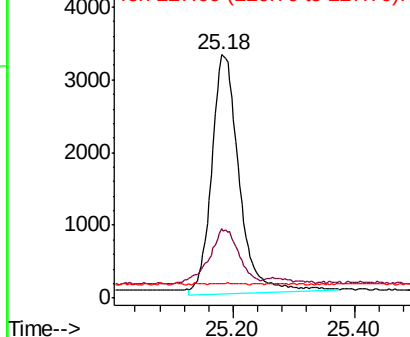


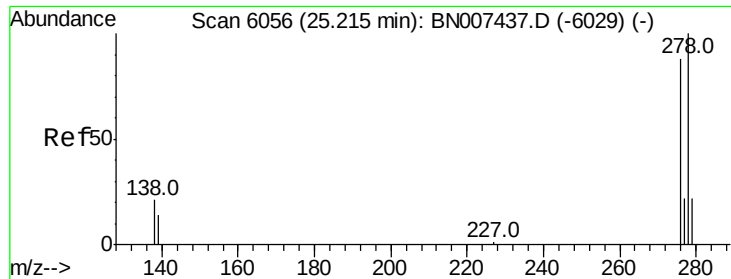
Abundance

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: 0.077 ng/ul

RT: 25.20 min Scan# 6051

Delta R.T. -0.02 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

Instrument :

BNA_N

ClientSampleId :

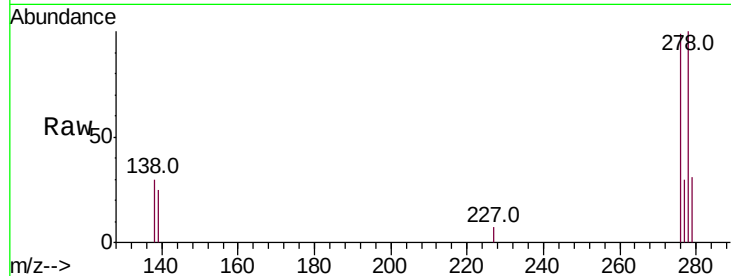
Tot Ion:278 Resp: 7875

Ion Ratio Lower Upper

278 100

139 25.4 14.6 21.8#

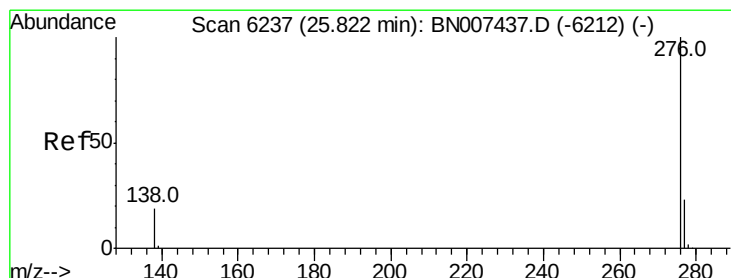
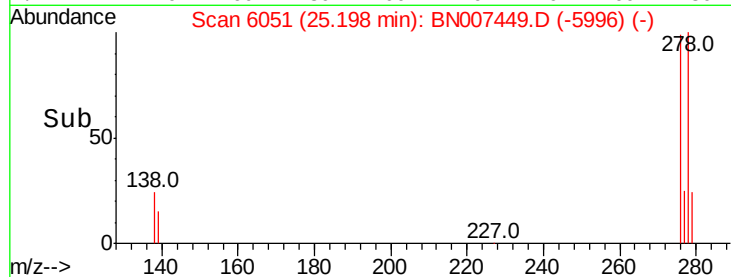
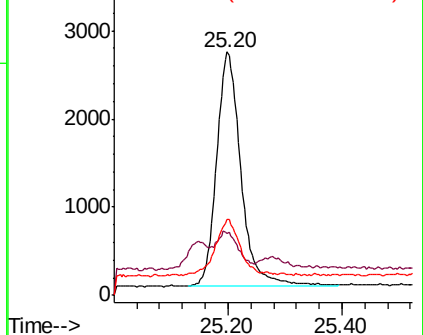
279 31.2 19.8 29.8#



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: 0.078 ng/ul

RT: 25.81 min Scan# 6233

Delta R.T. -0.01 min

Lab File: BN007449.D

Acq: 28 Aug 2019 01:29

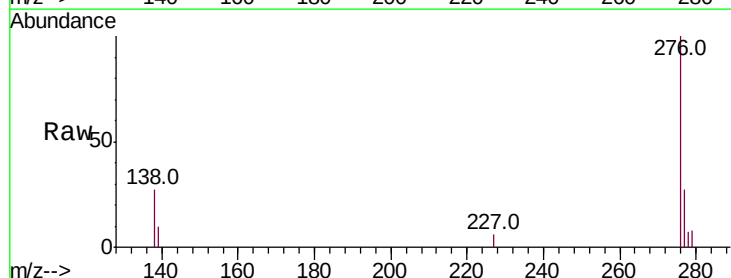
Tgt Ion:276 Resp: 8612

Ion Ratio Lower Upper

276 100

138 26.8 17.1 25.7#

277 27.4 19.4 29.0



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

