

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN051219\
 Data File : BN005632.D
 Acq On : 11 May 2019 18:24
 Operator : JU/SJ
 Sample : K2606-04
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5138

Quant Time: May 12 00:40:02 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_N\METHODS\SOM-EPA-SIM-BN050719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun May 12 00:36:09 2019
 Response via : Initial Calibration

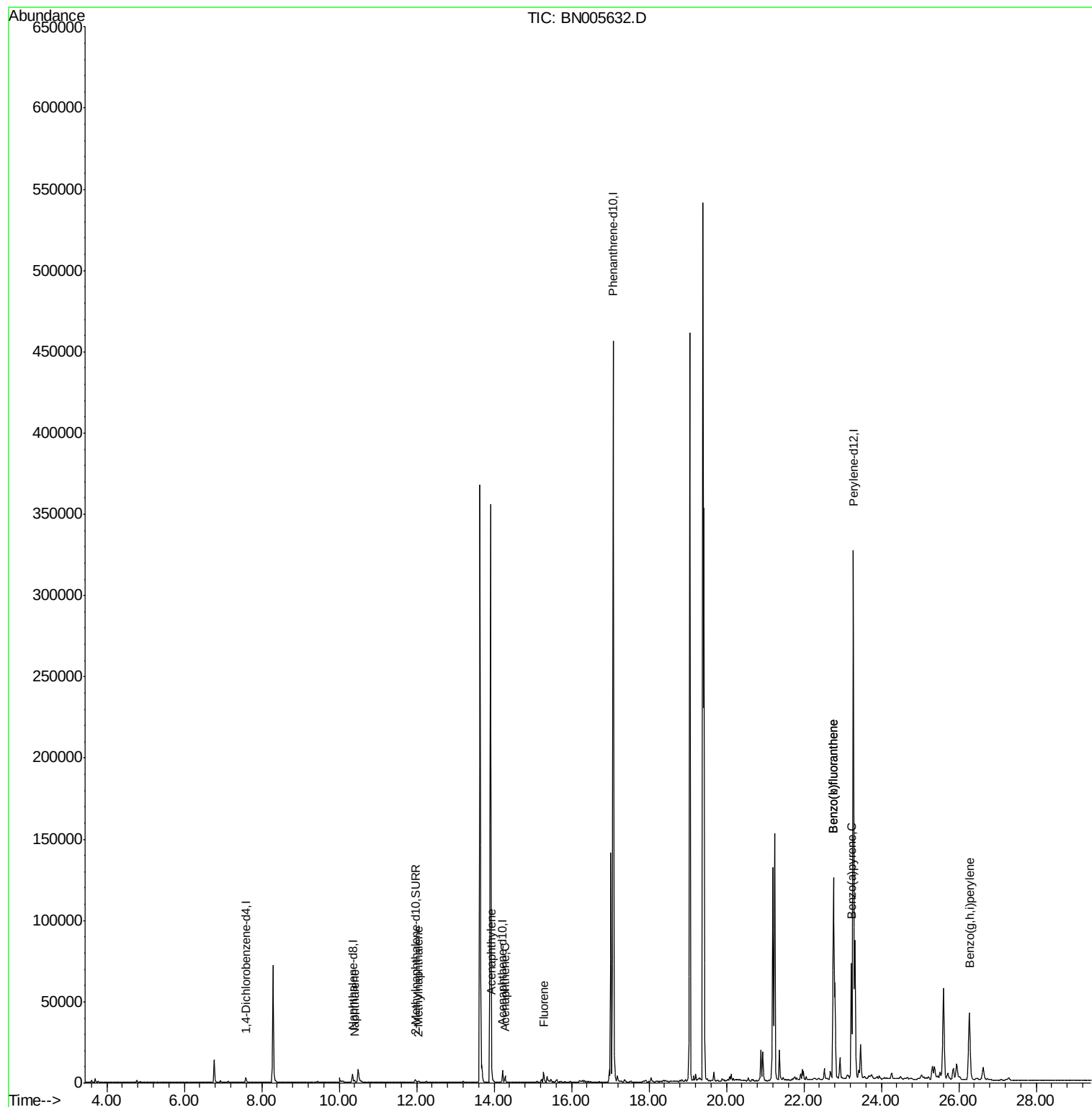
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	1687	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	6704	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.22	164	4030	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.07	188	561378	0.40	ng/ul	0.08
16) Chrysene-d12	0.00	240	0	0.00	ng/ul	-21.22
20) Perylene-d12	23.28	264	402683	0.40	ng/ul	-0.15
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	2845	0.27	ng/ul	-0.01
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds						
					Qvalue	
3) Naphthalene	10.39	128	1272	0.072	ng/ul#	89
5) 2-Methylnaphthalene	12.04	142	520	0.043	ng/ul	100
7) Acenaphthylene	13.94	152	4350	0.214	ng/ul	99
8) Acenaphthene	14.28	153	2428	0.169	ng/ul	98
9) Fluorene	15.28	166	4283	0.255	ng/ul	99
21) Benzo(b)fluoranthene	22.76	252	240903	0.199	ng/ul	97
22) Benzo(k)fluoranthene	22.76	252	225340	0.149	ng/ul	98
23) Benzo(a)pyrene	23.23	252	96258	0.071	ng/ul	96
26) Benzo(g,h,i)perylene	26.27	276	79400	0.062	ng/ul	95

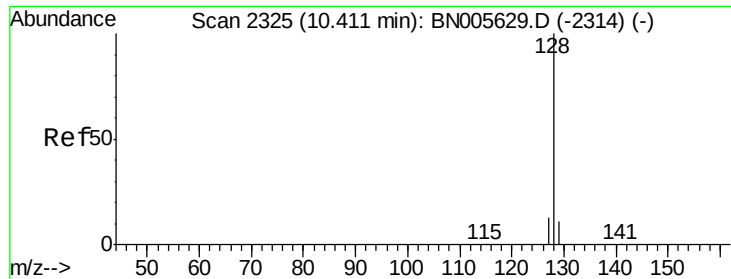
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.072 ng/ul

RT: 10.39 min Scan# 2322

Delta R.T. -0.02 min

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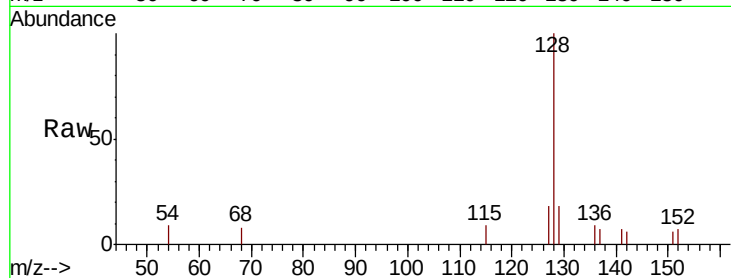
Tgt Ion:128 Resp: 1272

Ion Ratio Lower Upper

128 100

129 18.4 10.2 15.2#

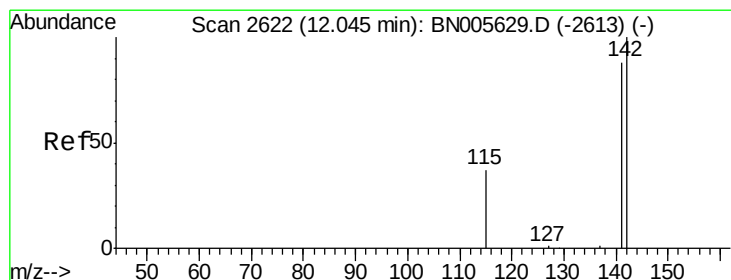
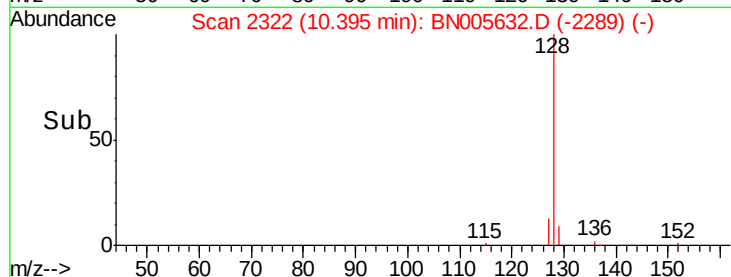
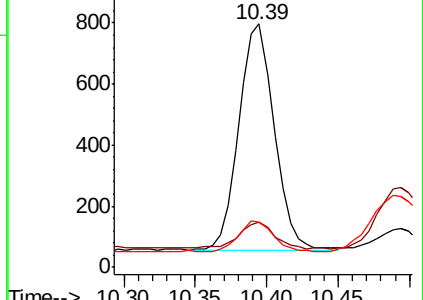
127 18.4 11.8 17.8#



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: 0.043 ng/ul

RT: 12.04 min Scan# 2621

Delta R.T. -0.01 min

Lab File: BN005632.D

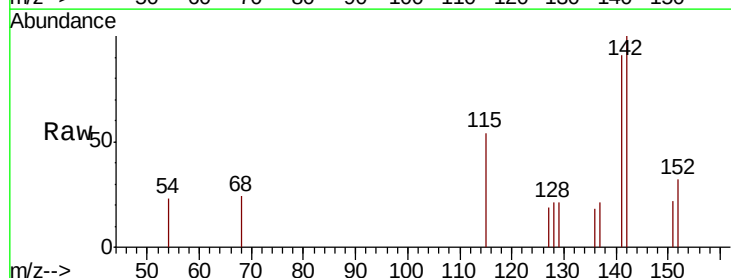
Acq: 11 May 2019 18:24

Tgt Ion:142 Resp: 520

Ion Ratio Lower Upper

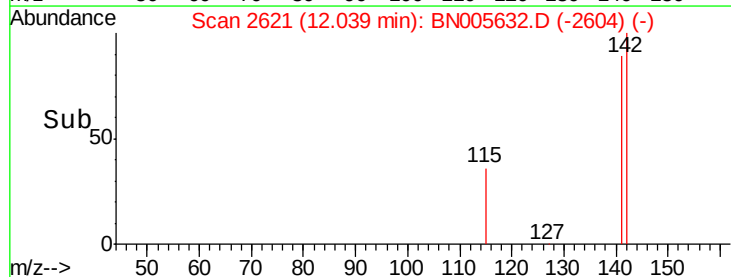
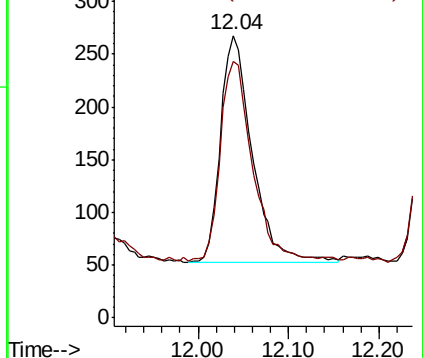
142 100

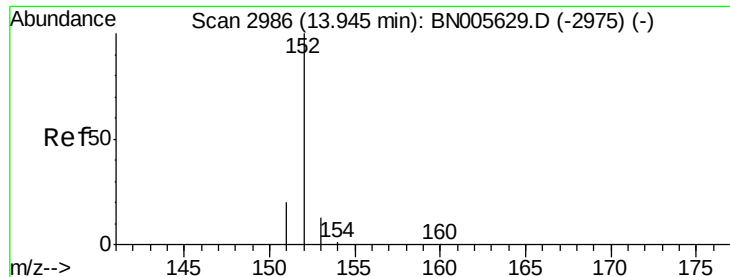
141 90.0 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.214 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.00 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

Instrument :

BNA_N

ClientSampleId :

A5138

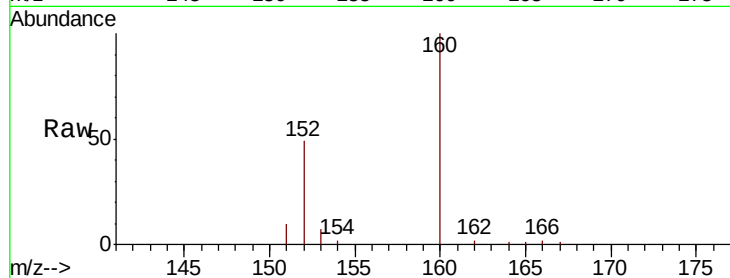
Tgt Ion:152 Resp: 4350

Ion Ratio Lower Upper

152 100

151 21.3 16.7 25.1

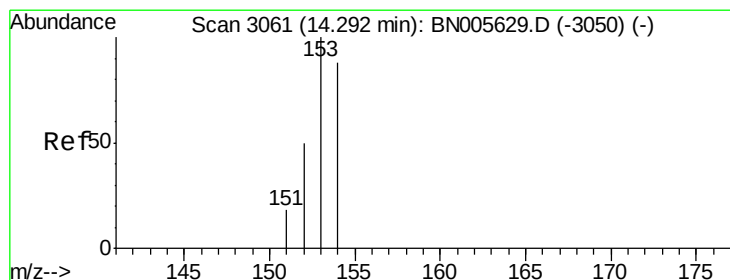
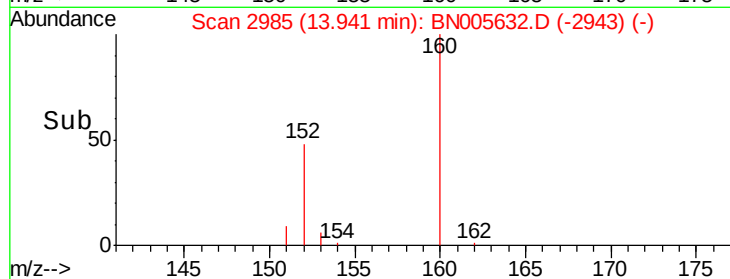
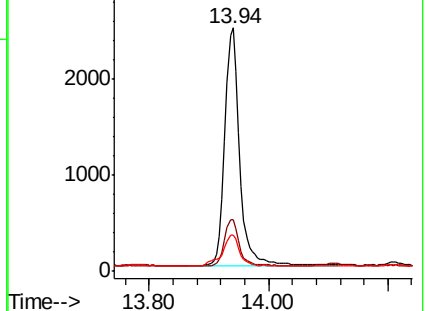
153 14.9 11.6 17.4



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



#8

Acenaphthene

Concen: 0.169 ng/ul

RT: 14.28 min Scan# 3059

Delta R.T. -0.01 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

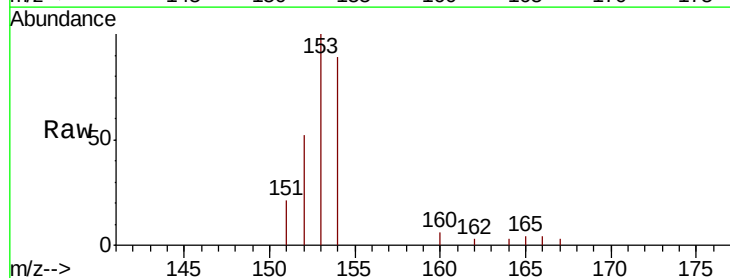
Tgt Ion:153 Resp: 2428

Ion Ratio Lower Upper

153 100

152 52.0 40.8 61.2

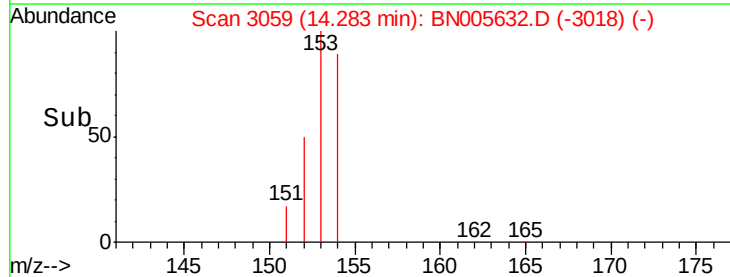
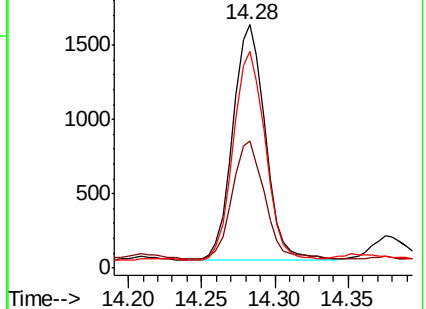
154 89.1 73.2 109.8

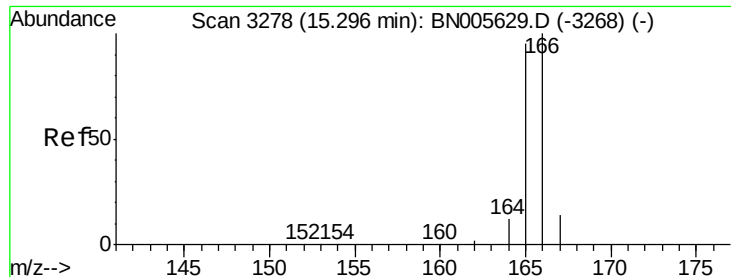


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#9

Fluorene

Concen: 0.255 ng/ul

RT: 15.28 min Scan# 3274

Delta R.T. -0.02 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

Instrument :

BNA_N

ClientSampleId :

A5138

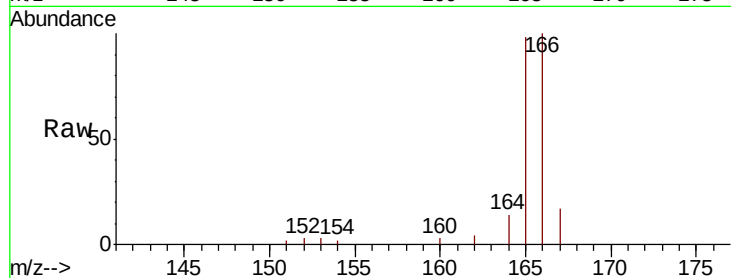
Tgt Ion:166 Resp: 4283

Ion Ratio Lower Upper

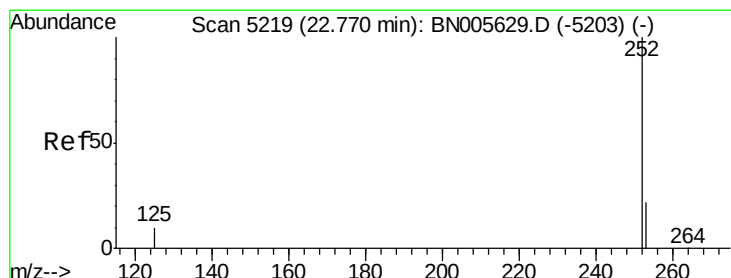
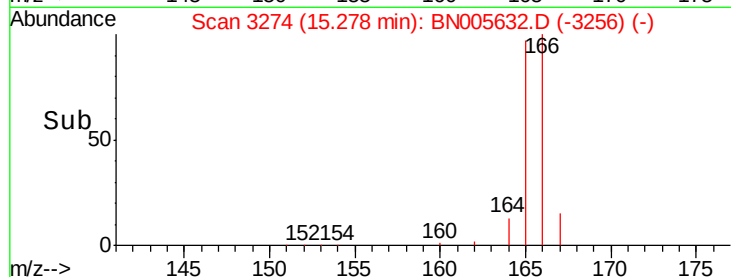
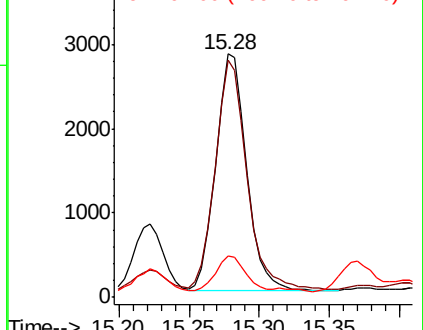
166 100

165 97.5 78.0 117.0

167 16.9 12.2 18.4



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: 0.199 ng/ul

RT: 22.76 min Scan# 5216

Delta R.T. -0.01 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

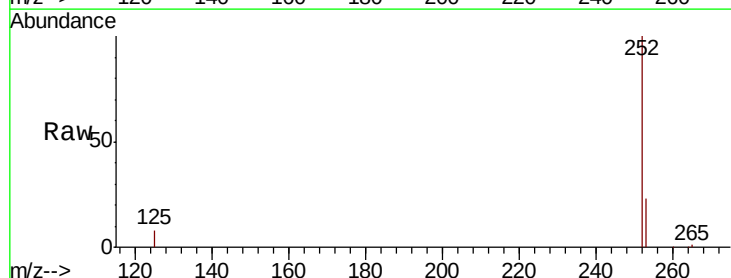
Tgt Ion:252 Resp: 240903

Ion Ratio Lower Upper

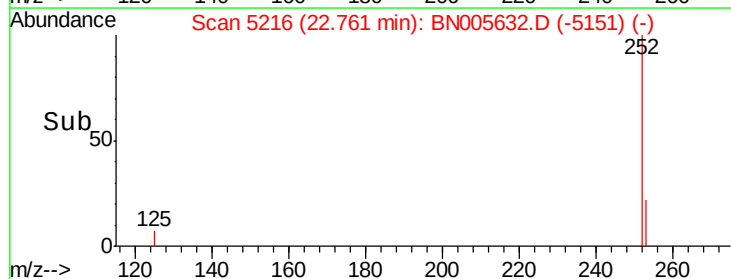
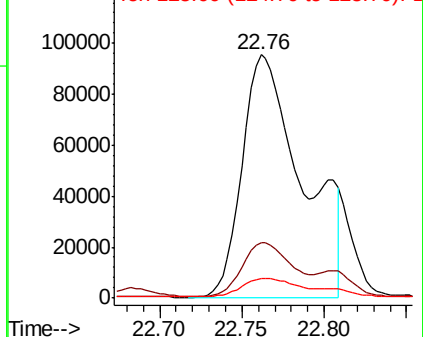
252 100

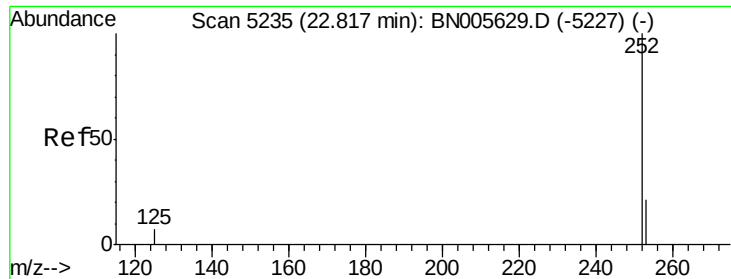
253 22.8 0.0 47.6

125 8.2 0.0 20.8



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: 0.149 ng/ul

RT: 22.76 min Scan# 5216

Delta R.T. -0.06 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

Instrument :

BNA_N

ClientSampleId :

A5138

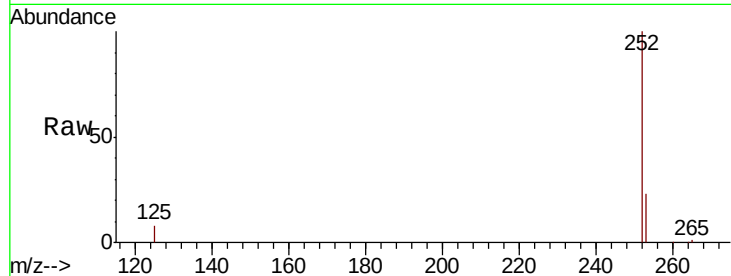
Tgt Ion:252 Resp: 225340

Ion Ratio Lower Upper

252 100

253 22.8 18.8 28.2

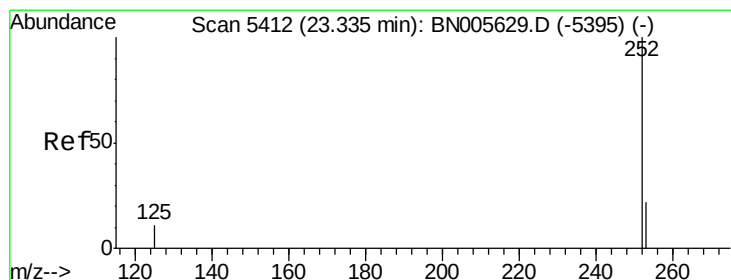
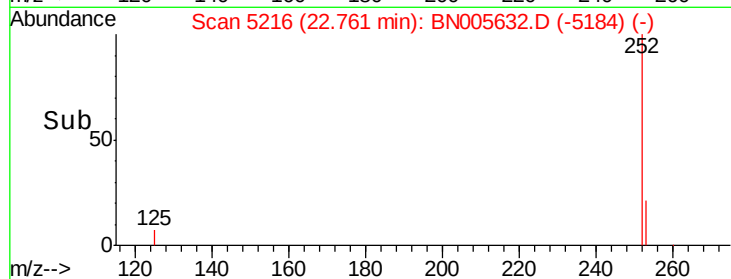
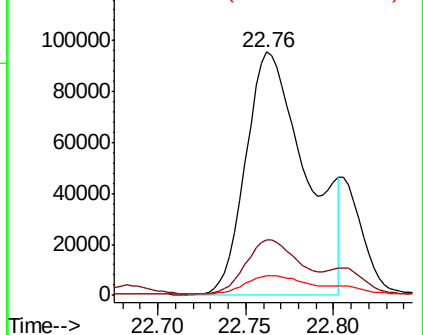
125 8.2 7.6 11.4



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



#23

Benzo(a)pyrene

Concen: 0.071 ng/ul

RT: 23.23 min Scan# 5375

Delta R.T. -0.11 min

Lab File: BN005632.D

Acq: 11 May 2019 18:24

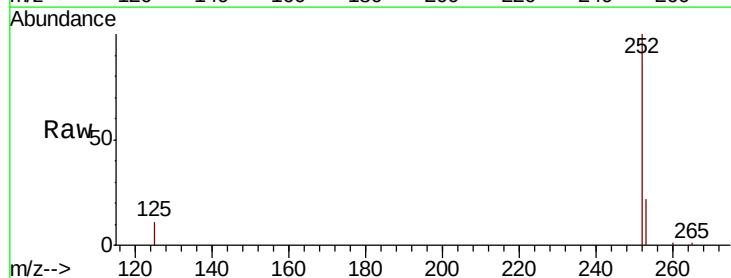
Tgt Ion:252 Resp: 96258

Ion Ratio Lower Upper

252 100

253 22.5 19.6 29.4

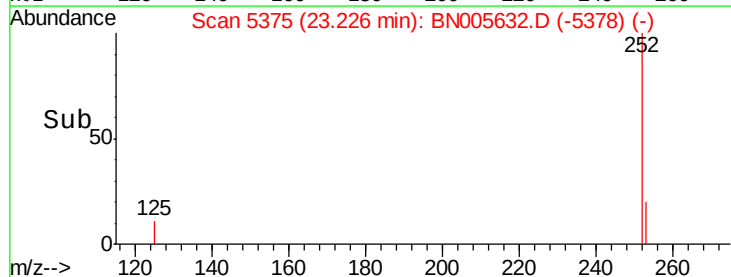
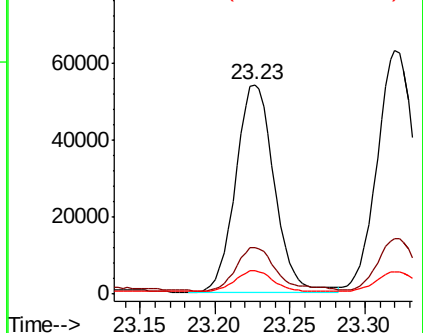
125 11.0 10.1 15.1

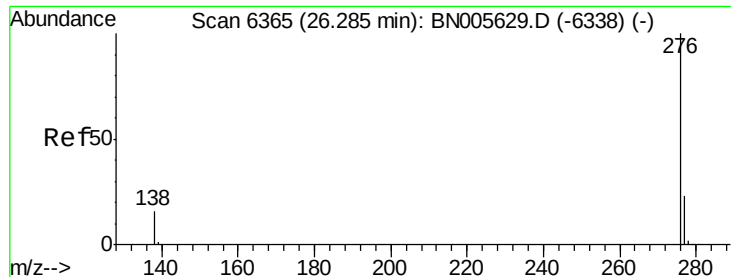


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(g,h,i)perylene

Concen: 0.062 ng/ul

RT: 26.27 min Scan# 6361

Delta R.T. -0.01 min

Lab File: BN005632.D

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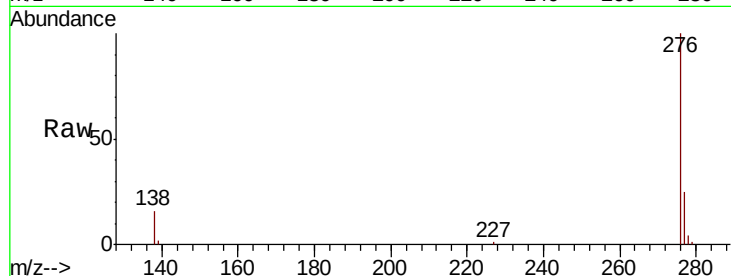
Tgt Ion: 276 Resp: 79400

Ion Ratio Lower Upper

276 100

138 16.2 15.6 23.4

277 24.6 20.6 31.0



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

