

Data Path : Z:\SVOASRV\HPCHEM1\BNA_N\DATA\BN050719\
 Data File : BN005524.D
 Acq On : 07 May 2019 19:52
 Operator : JU/SJ
 Sample : K2403-16
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5130

Quant Time: May 08 02:06:22 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 : Tue May 07 07:04:57 2019
 Response via : Initial Calibration

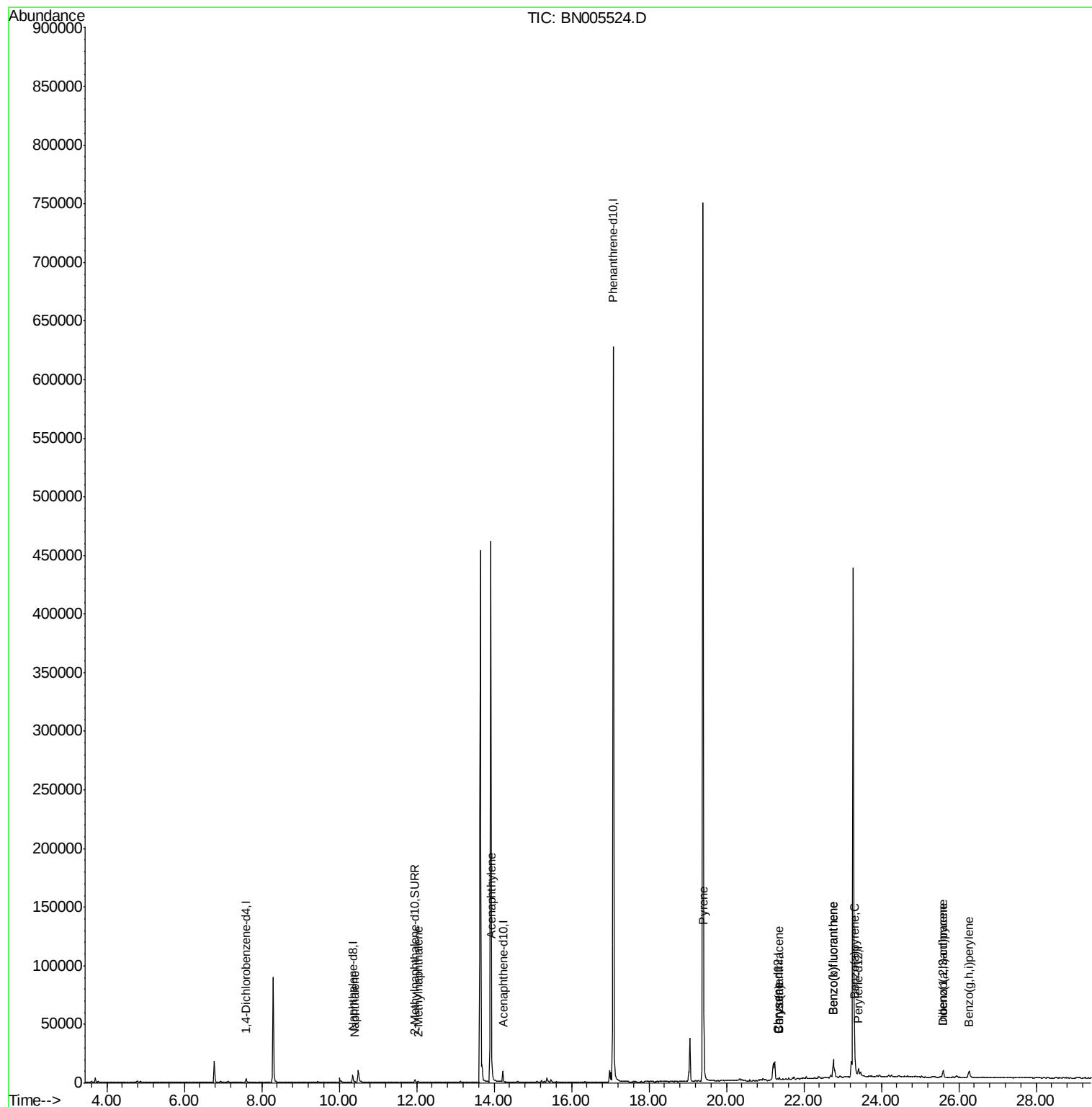
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.59	152	2059	0.40	ng/ul	-0.02
2) Naphthalene-d8	10.35	136	8239	0.40	ng/ul	-0.02
6) Acenaphthene-d10	14.23	164	5127	0.40	ng/ul	-0.02
10) Phenanthrene-d10	17.08	188	753448	0.40	ng/ul	0.08
16) Chrysene-d12	21.33	240	108	0.40	ng/ul	0.10
20) Perylene-d12	23.41	264	14362	0.40	ng/ul	-0.03
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.96	152	3700	0.29	ng/ul	-0.03
14) Fluoranthene-d10	0.00	212	0	0.00	ng/ul	
Target Compounds				Qvalue		
3) Naphthalene	10.40	128	1215	0.056	ng/ul#	87
5) 2-Methylnaphthalene	12.03	142	862	0.058	ng/ul	100
7) Acenaphthylene	13.94	152	2834	0.110	ng/ul	95
17) Pyrene	19.42	202	30614	76.759	ng/ul	100
18) Benzo(a)anthracene	21.36	228	1286	3.454	ng/ul#	1
19) Chrysene	21.36	228	1365	2.985	ng/ul#	1
21) Benzo(b)fluoranthene	22.76	252	30776	0.713	ng/ul	82
22) Benzo(k)fluoranthene	22.76	252	30776	0.569	ng/ul#	80
23) Benzo(a)pyrene	23.31	252	11597	0.240	ng/ul#	74
24) Indeno(1,2,3-cd)pyrene	25.59	276	9807	0.182	ng/ul#	94
25) Dibenzo(a,h)anthracene	25.59	278	3355	0.075	ng/ul#	1
26) Benzo(g,h,i)perylene	26.26	276	12501	0.272	ng/ul#	82

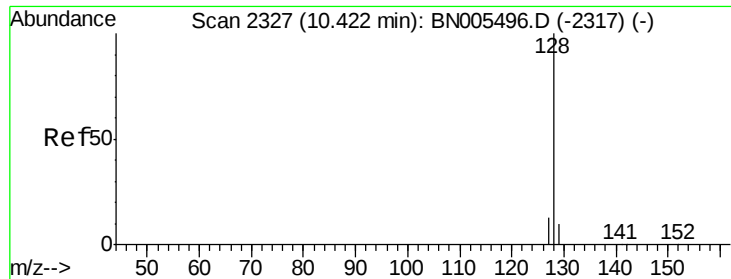
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.056 ng/ul

RT: 10.40 min Scan# 2323

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

ClientSampleId :

A5130

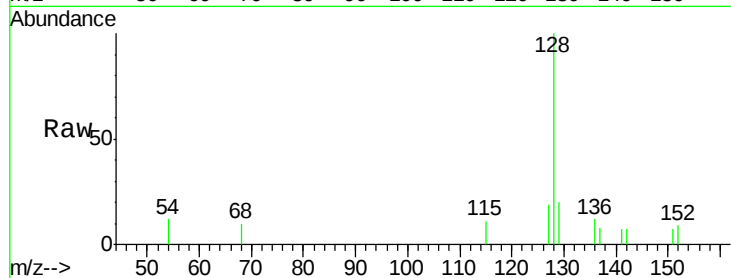
Tgt Ion:128 Resp: 1215

Ion Ratio Lower Upper

128 100

129 19.7 10.2 15.2#

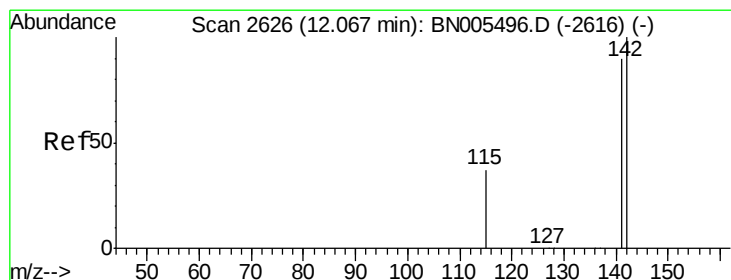
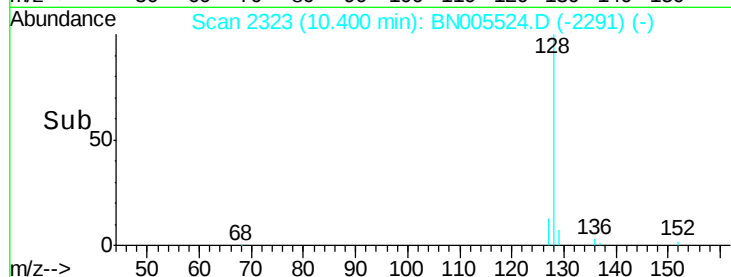
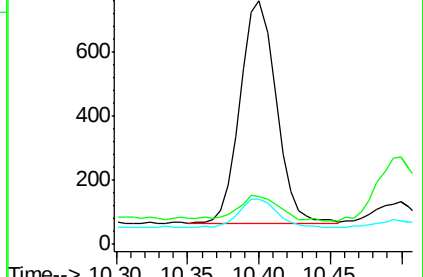
127 18.7 11.8 17.8#



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: 0.058 ng/ul

RT: 12.03 min Scan# 2620

Delta R.T. -0.03 min

Lab File: BN005524.D

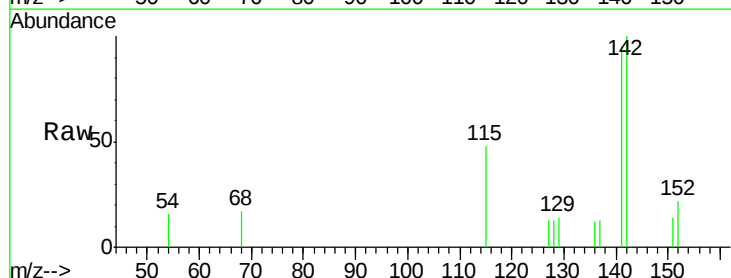
Acq: 07 May 2019 19:52

Tgt Ion:142 Resp: 862

Ion Ratio Lower Upper

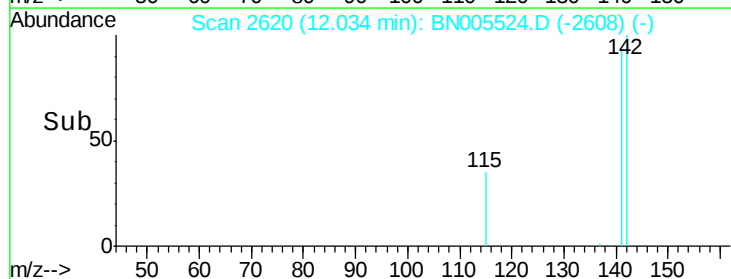
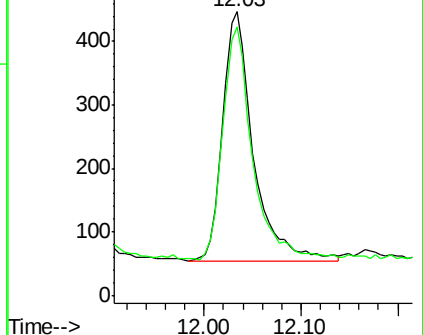
142 100

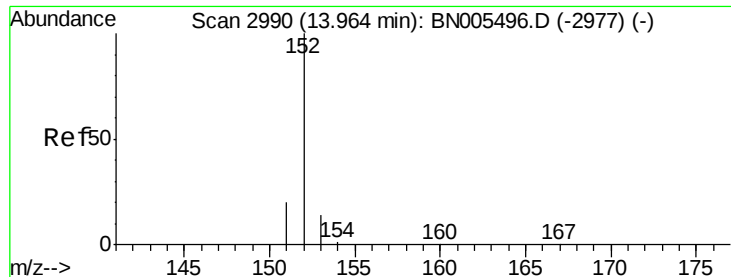
141 90.0 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#7

Acenaphthylene

Concen: 0.110 ng/ul

RT: 13.94 min Scan# 2985

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

ClientSampleId :

A5130

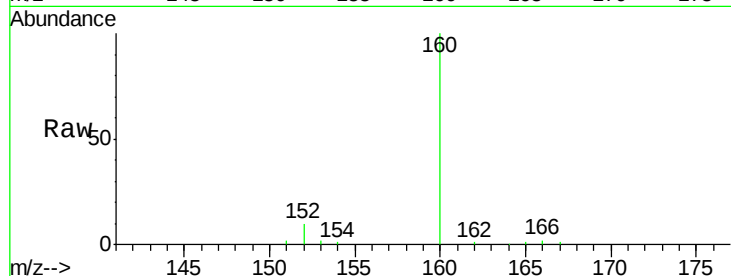
Tgt Ion:152 Resp: 2834

Ion Ratio Lower Upper

152 100

151 23.6 16.7 25.1

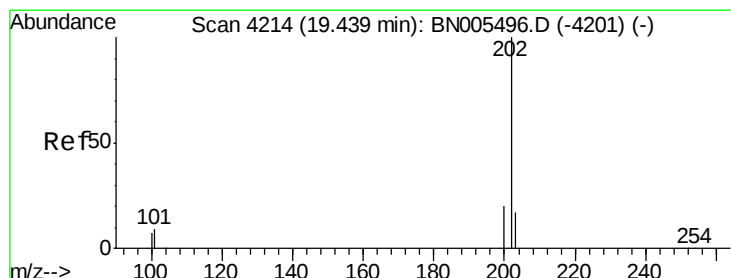
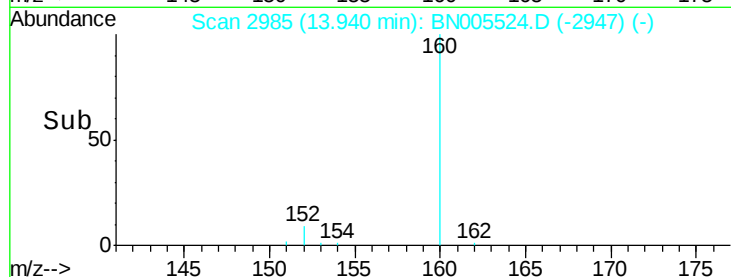
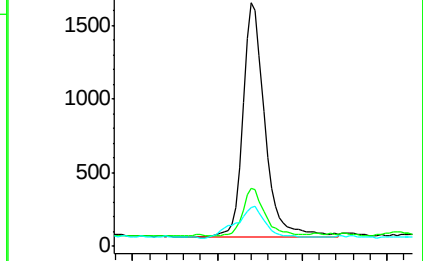
153 16.0 11.6 17.4



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



#17

Pyrene

Concen: 76.759 ng/ul

RT: 19.42 min Scan# 4210

Delta R.T. -0.02 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

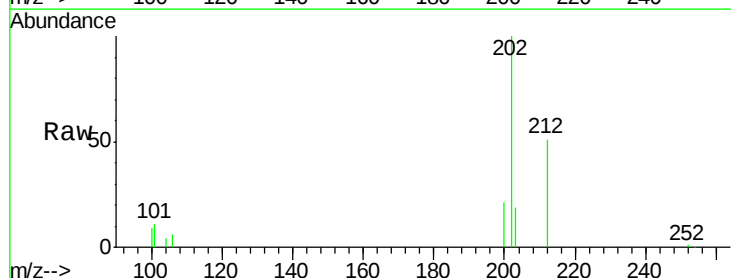
Tgt Ion:202 Resp: 30614

Ion Ratio Lower Upper

202 100

101 10.5 8.5 12.7

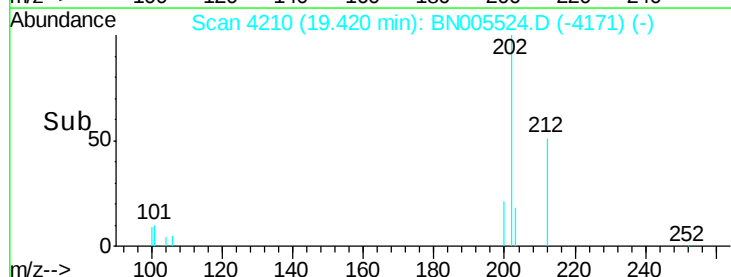
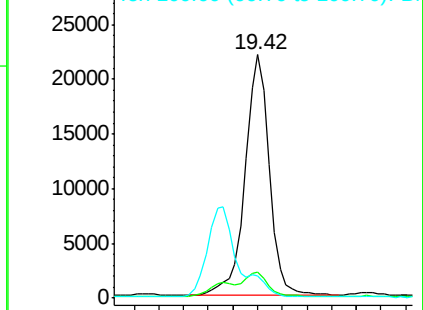
100 8.9 6.9 10.3

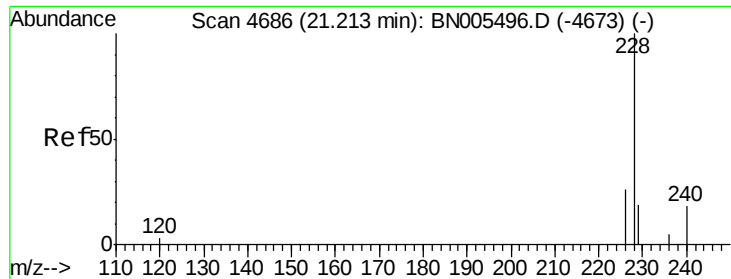


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 3.454 ng/ul

RT: 21.36 min Scan# 4738

Delta R.T. 0.15 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

ClientSampleId :

A5130

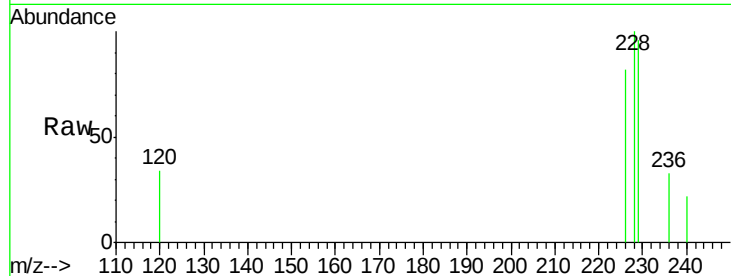
Tgt Ion:228 Resp: 1286

Ion Ratio Lower Upper

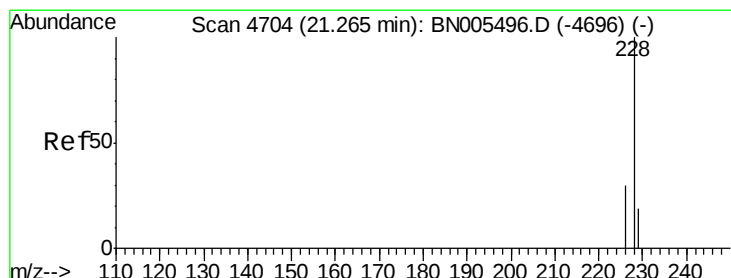
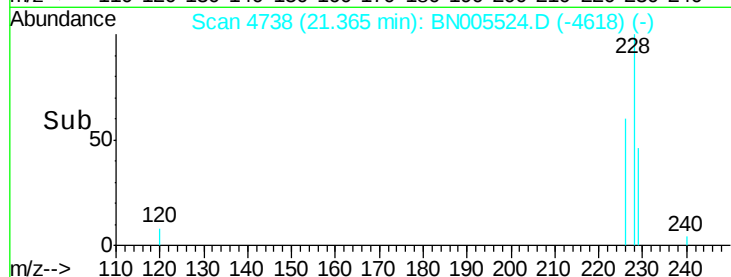
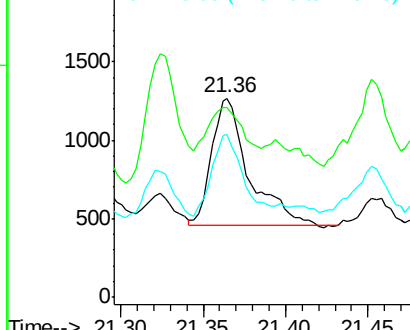
228 100

229 95.7 15.8 23.8#

226 81.8 21.7 32.5#



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: 2.985 ng/ul

RT: 21.36 min Scan# 4738

Delta R.T. 0.10 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

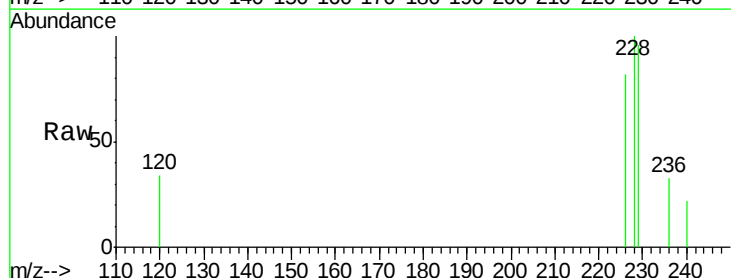
Tgt Ion:228 Resp: 1365

Ion Ratio Lower Upper

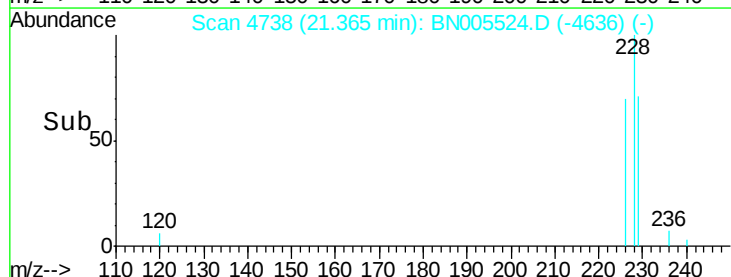
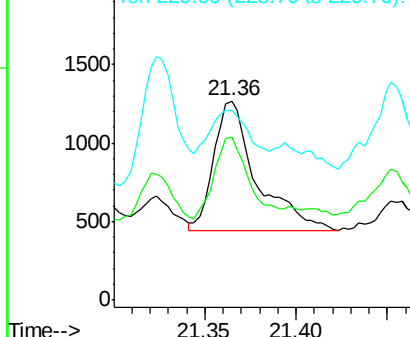
228 100

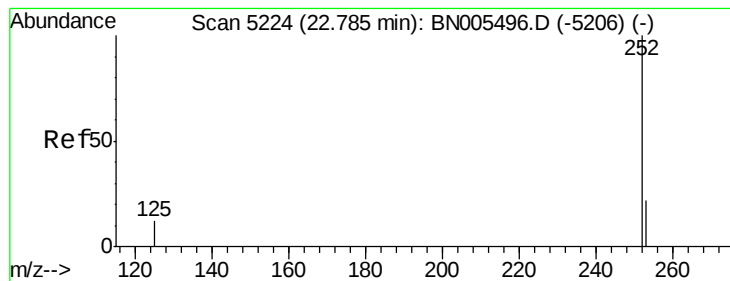
226 81.8 23.2 34.8#

229 95.7 16.0 24.0#



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: 0.713 ng/ul

RT: 22.76 min Scan# 5215

Delta R.T. -0.03 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

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ClientSampleId :

A5130

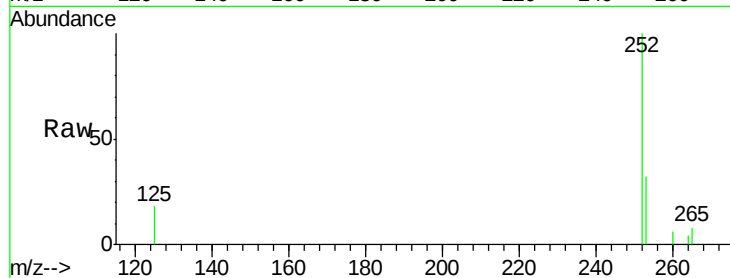
Tgt Ion:252 Resp: 30776

Ion Ratio Lower Upper

252 100

253 32.5 0.0 47.6

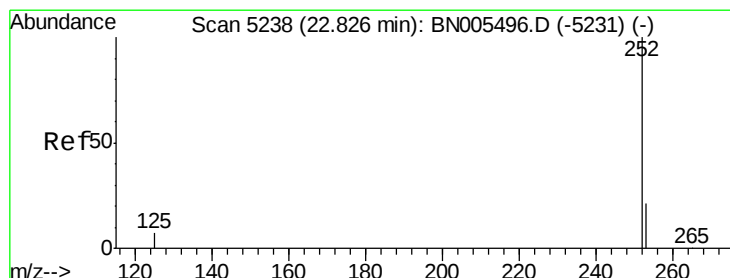
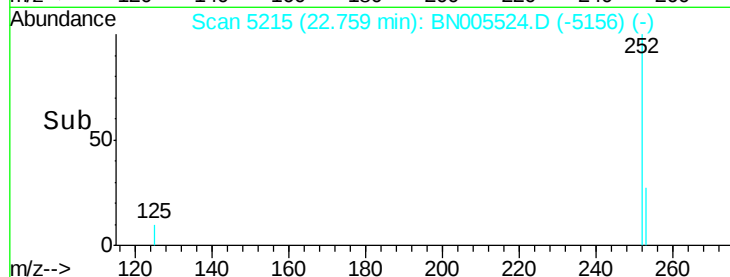
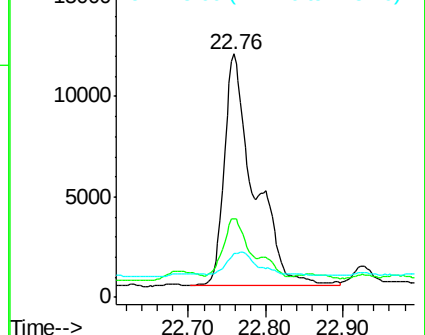
125 17.8 0.0 20.8



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: 0.569 ng/ul

RT: 22.76 min Scan# 5215

Delta R.T. -0.07 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

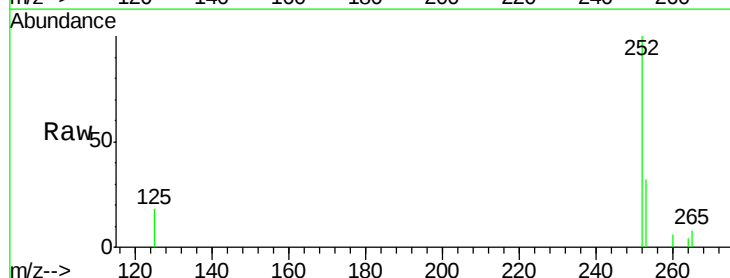
Tgt Ion:252 Resp: 30776

Ion Ratio Lower Upper

252 100

253 32.5 18.8 28.2#

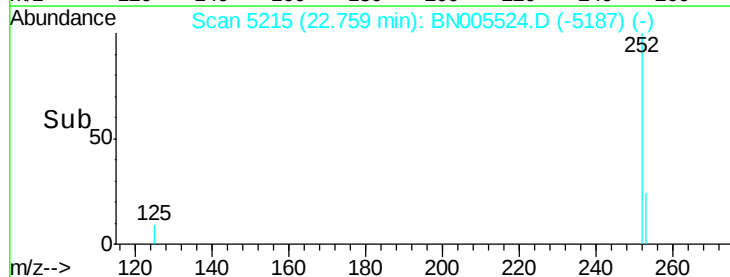
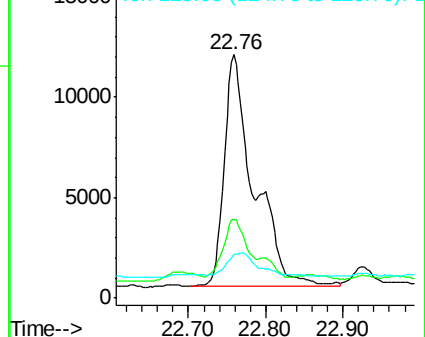
125 17.8 7.6 11.4#

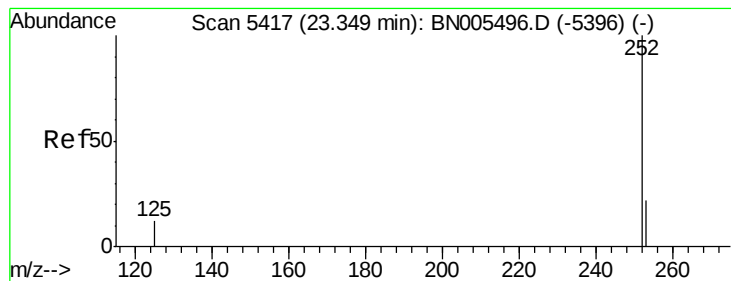


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#23

Benzo(a)pyrene

Concen: 0.240 ng/ul

RT: 23.31 min Scan# 5405

Delta R.T. -0.04 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

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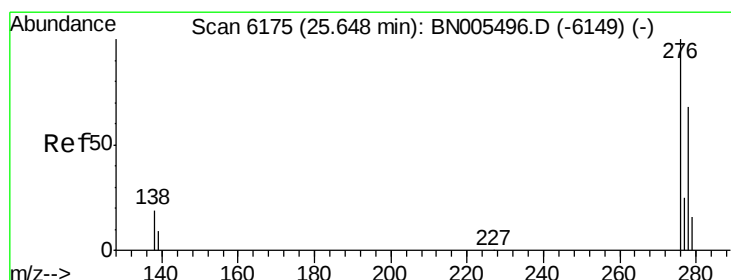
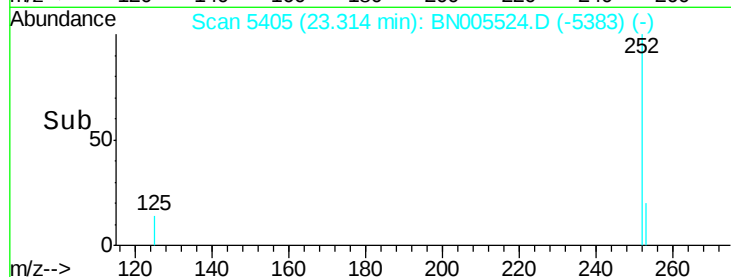
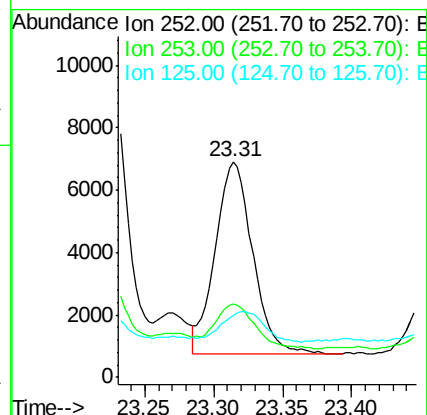
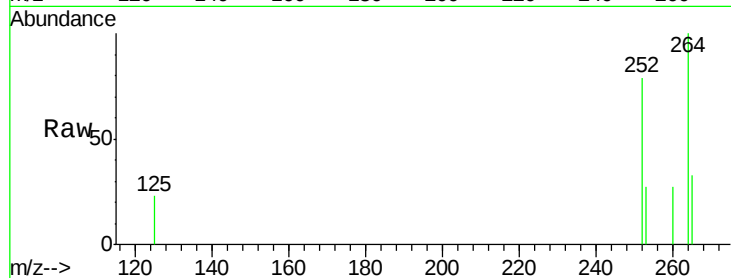
Tgt Ion:252 Resp: 11597

Ion Ratio Lower Upper

252 100

253 33.9 19.6 29.4#

125 28.8 10.1 15.1#



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.182 ng/ul

RT: 25.59 min Scan# 6159

Delta R.T. -0.05 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

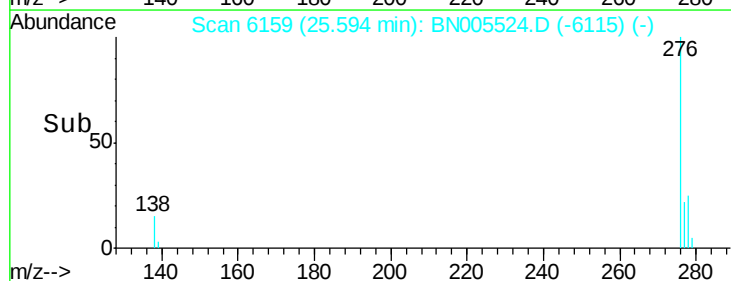
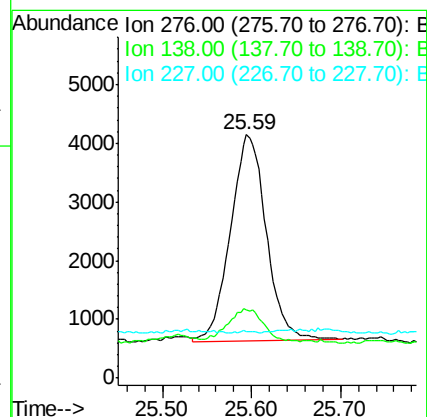
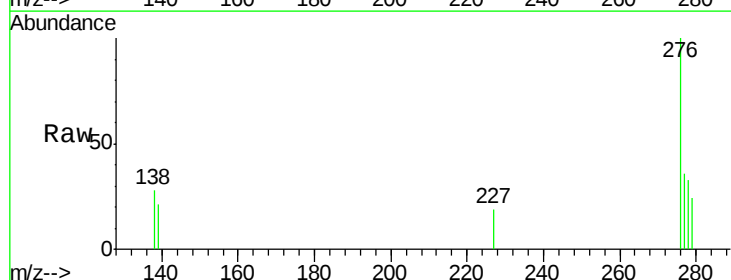
Tgt Ion:276 Resp: 9807

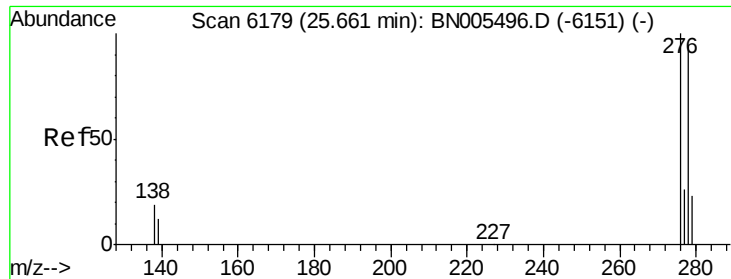
Ion Ratio Lower Upper

276 100

138 16.9 15.8 23.8

227 0.4 0.1 0.1#





#25

Dibenzo(a,h)anthracene

Concen: 0.075 ng/ul

RT: 25.59 min Scan# 6159

Delta R.T. -0.07 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

Instrument :

BNA_N

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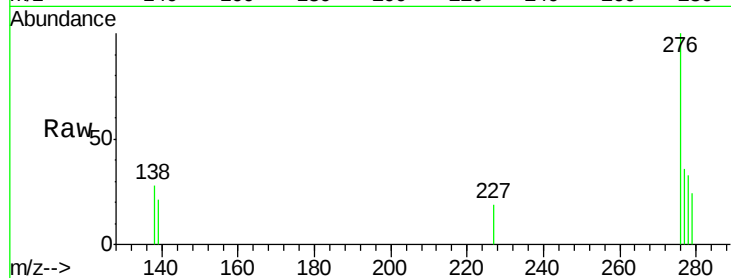
Tgt Ion:278 Resp: 3355

Ion Ratio Lower Upper

278 100

139 63.0 12.4 18.6#

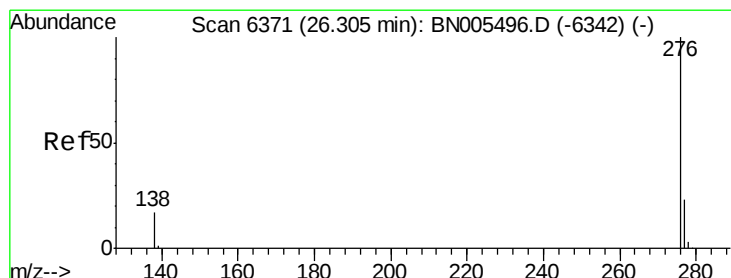
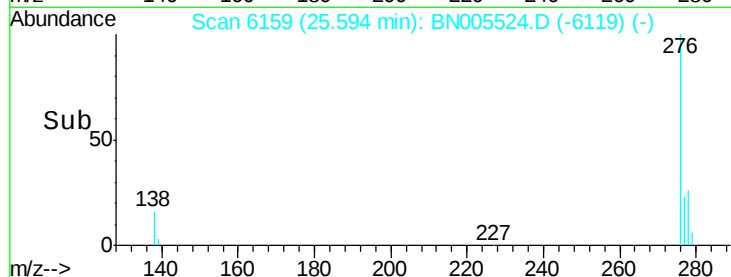
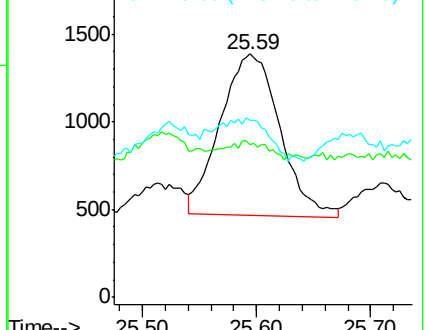
279 72.6 21.0 31.4#



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: 0.272 ng/ul

RT: 26.26 min Scan# 6358

Delta R.T. -0.04 min

Lab File: BN005524.D

Acq: 07 May 2019 19:52

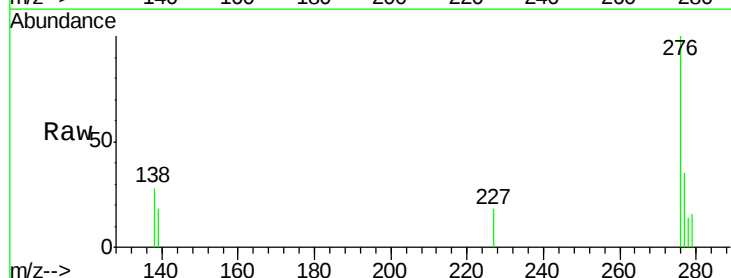
Tgt Ion:276 Resp: 12501

Ion Ratio Lower Upper

276 100

138 27.9 15.6 23.4#

277 35.1 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

