

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
 Data File : BN005514.D
 Acq On : 07 May 2019 08:27
 Operator : JU/SJ
 Sample : K2470-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5119

Quant Time: May 07 11:39:09 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

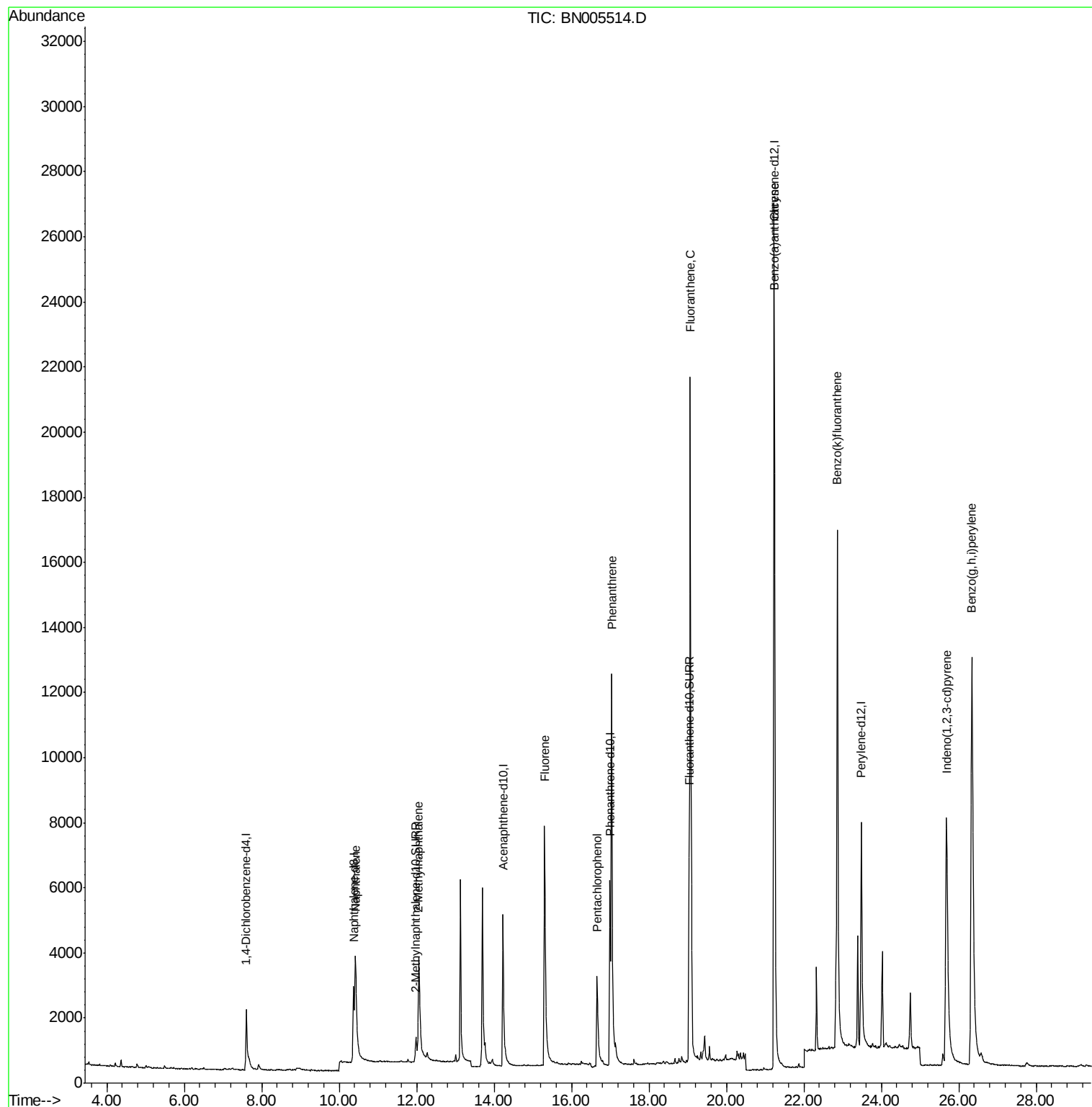
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1593	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.37	136	6197	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.23	164	3880	0.40	ng/ul	-0.01
10) Phenanthrene-d10	16.99	188	10326	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	10319	0.40	ng/ul	0.02
20) Perylene-d12	23.48	264	11700	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.98	152	2203	0.23	ng/ul	-0.01
14) Fluoranthene-d10	19.03	212	10215	0.32	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	7614	0.464	ng/ul	99
5) 2-Methylnaphthalene	12.06	142	5060	0.452	ng/ul	98
9) Fluorene	15.31	166	8267	0.512	ng/ul	99
11) Pentachlorophenol	16.66	266	3683	1.377	ng/ul	92
12) Phenanthrene	17.04	178	17642	0.627	ng/ul	99
15) Fluoranthene	19.07	202	23093	0.593	ng/ul	99
18) Benzo(a)anthracene	21.23	228	30522	0.858	ng/ul	100
22) Benzo(k)fluoranthene	22.86	252	28994	0.658	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.68	276	23113	0.526	ng/ul#	89
26) Benzo(g,h,i)perylene	26.34	276	37676	1.005	ng/ul	97

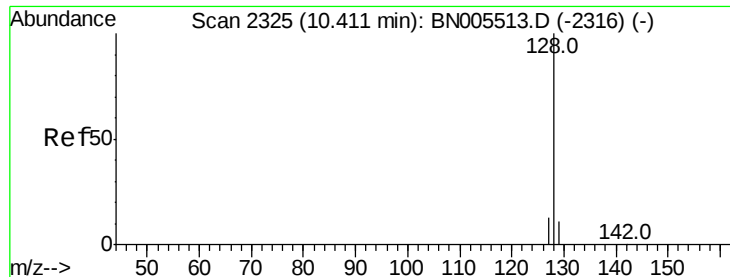
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.464 ng/ul

RT: 10.42 min Scan# 2326

Delta R.T. -0.01 min

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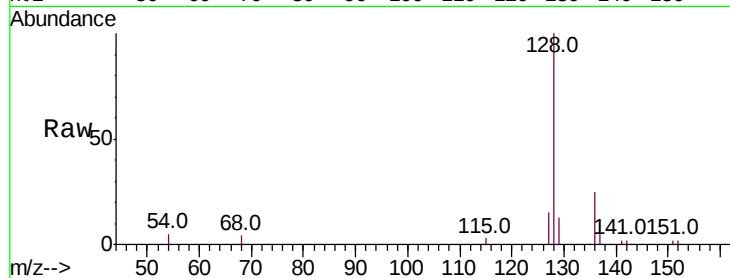
Tot Ion:128 Resp: 7614

Ion Ratio Lower Upper

128 100

129 13.3 10.2 15.2

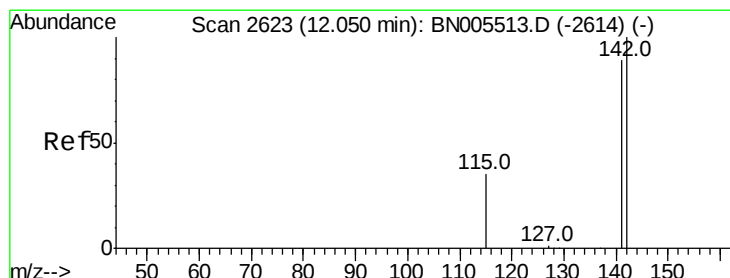
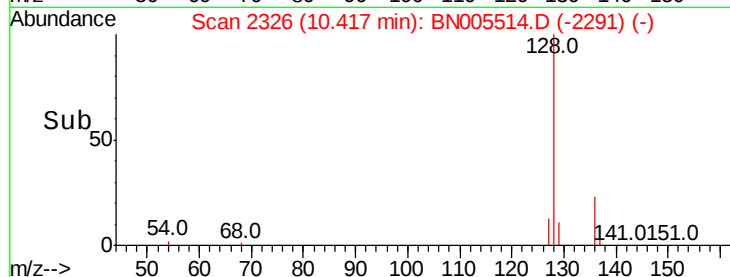
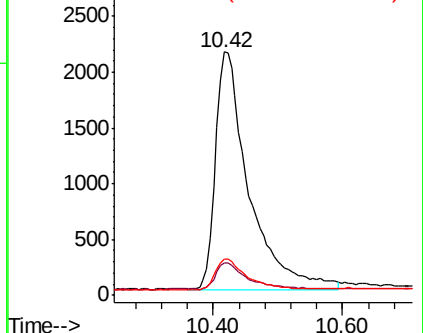
127 15.0 11.8 17.8



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: 0.452 ng/ul

RT: 12.06 min Scan# 2624

Delta R.T. -0.01 min

Lab File: BN005514.D

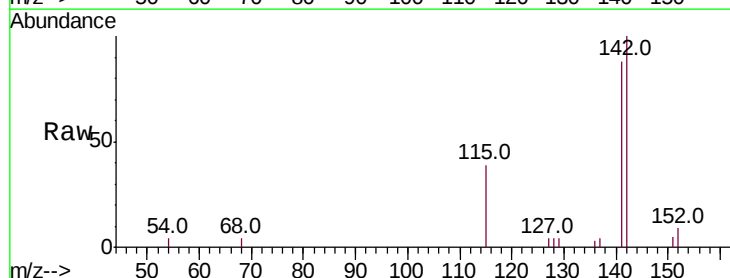
Acq: 07 May 2019 08:27

Tgt Ion:142 Resp: 5060

Ion Ratio Lower Upper

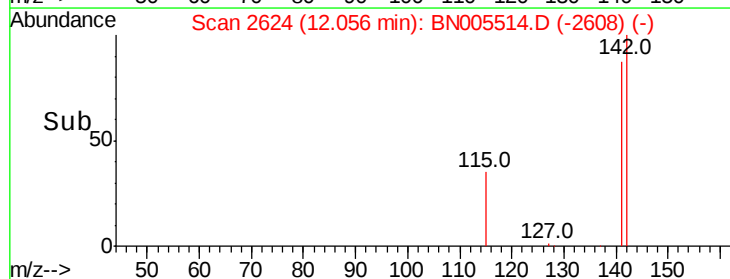
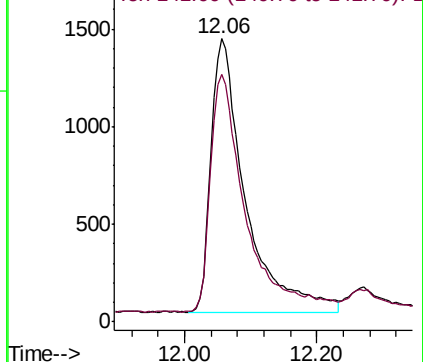
142 100

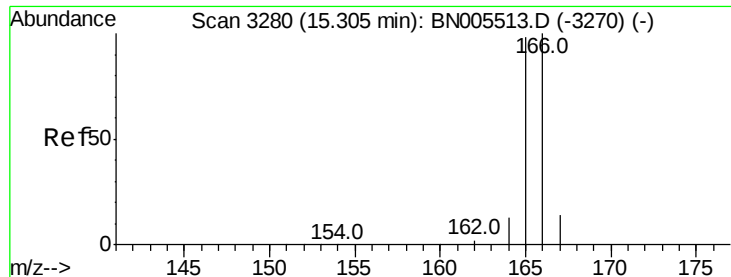
141 88.6 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.512 ng/ul

RT: 15.31 min Scan# 3280

Delta R.T. -0.01 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

Instrument :

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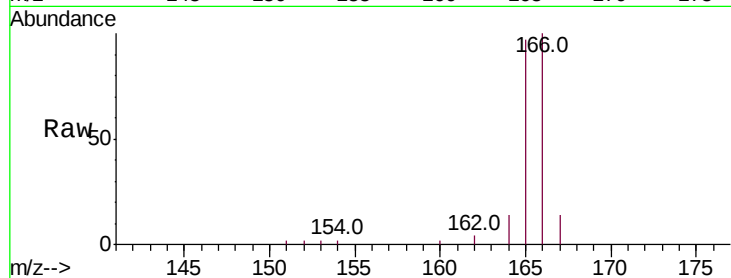
Tot Ion:166 Resp: 8267

Ion Ratio Lower Upper

166 100

165 97.0 78.0 117.0

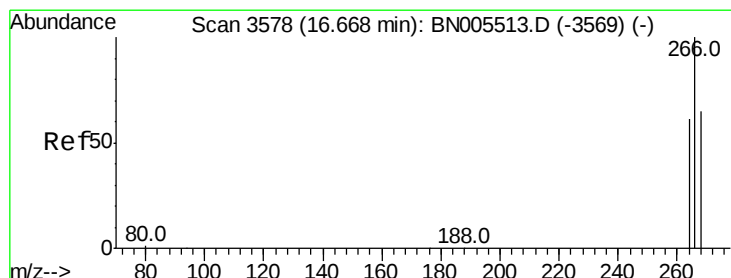
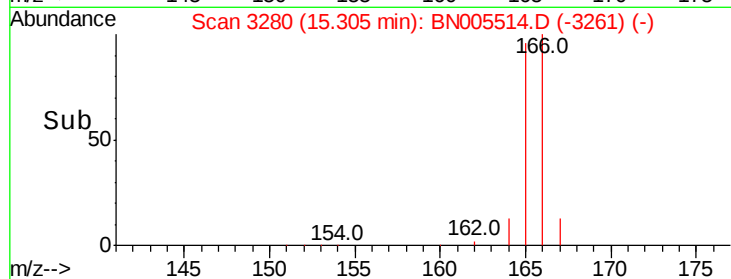
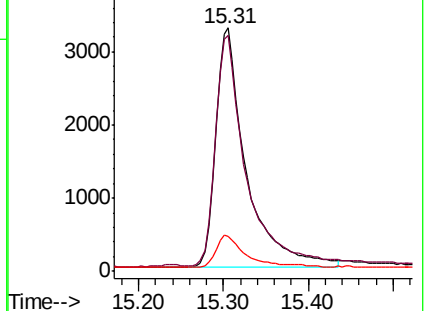
167 14.3 12.2 18.4



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



#11

Pentachlorophenol

Concen: 1.377 ng/ul

RT: 16.66 min Scan# 3576

Delta R.T. -0.02 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

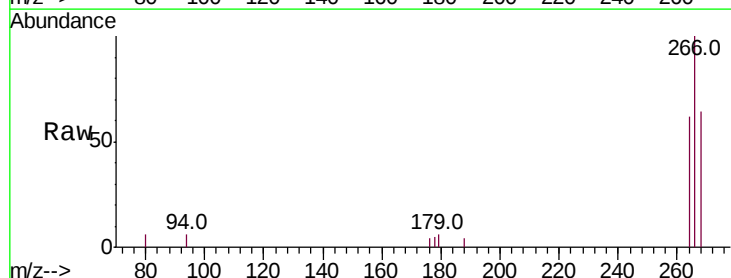
Tgt Ion:266 Resp: 3683

Ion Ratio Lower Upper

266 100

264 63.0 55.3 82.9

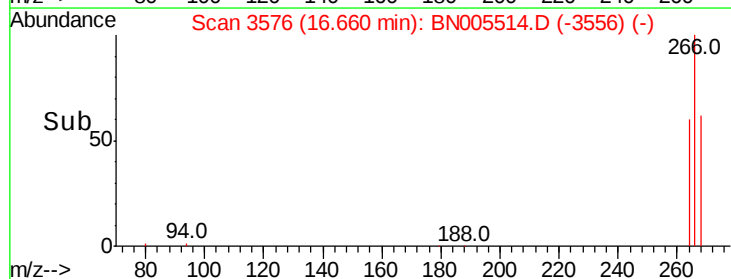
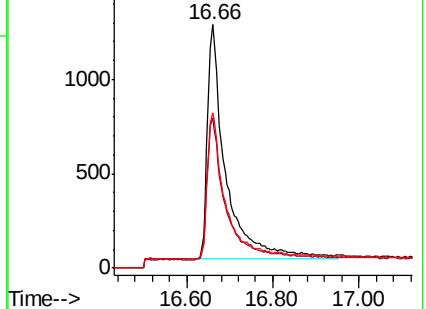
268 64.5 56.7 85.1

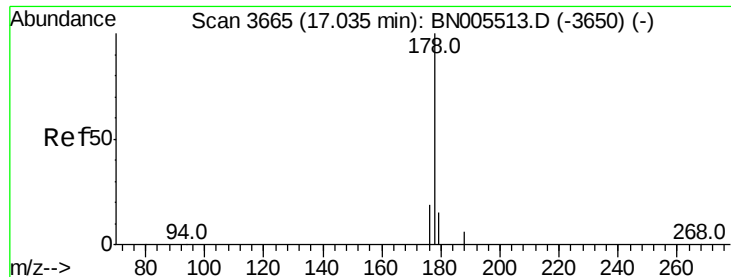


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.627 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

Instrument :

BNA_N

ClientSampleId :

A5119

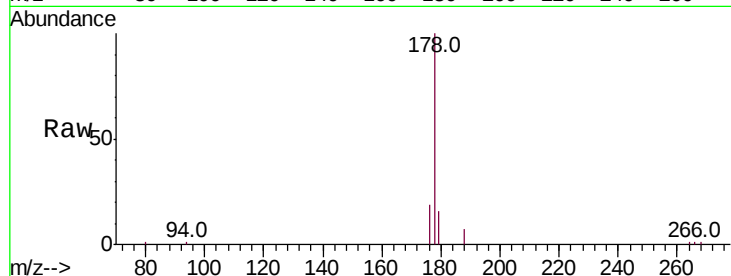
Tot Ion:178 Resp: 17642

Ion Ratio Lower Upper

178 100

179 15.8 12.8 19.2

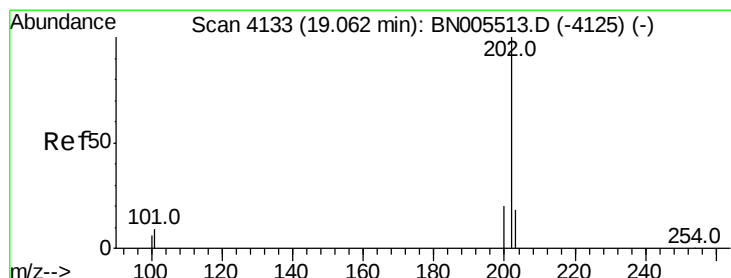
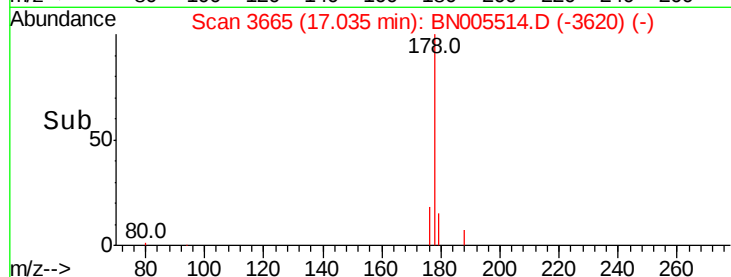
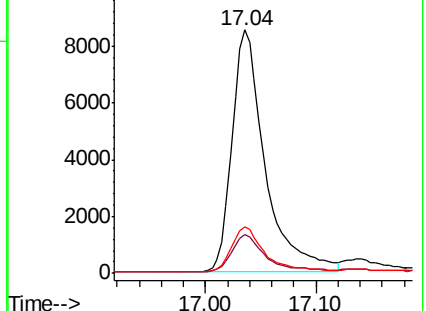
176 18.8 15.3 22.9



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



#15

Fluoranthene

Concen: 0.593 ng/ul

RT: 19.07 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

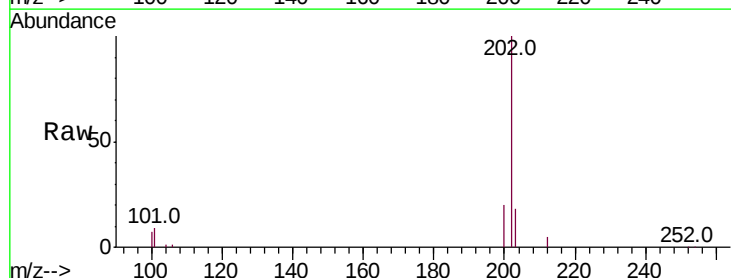
Tgt Ion:202 Resp: 23093

Ion Ratio Lower Upper

202 100

101 8.8 0.0 29.4

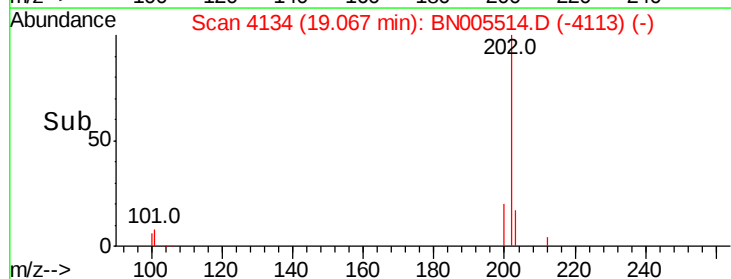
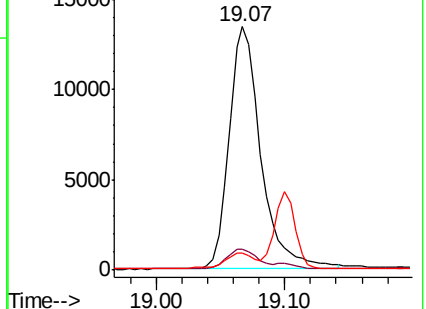
100 6.9 0.0 27.1

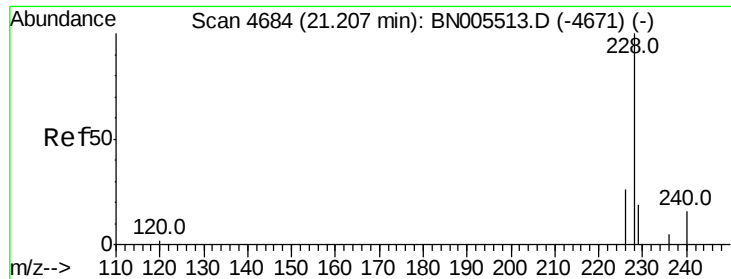


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#18

Benzo(a)anthracene

Concen: 0.858 ng/ul

RT: 21.23 min Scan# 4691

Delta R.T. 0.01 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

Instrument :

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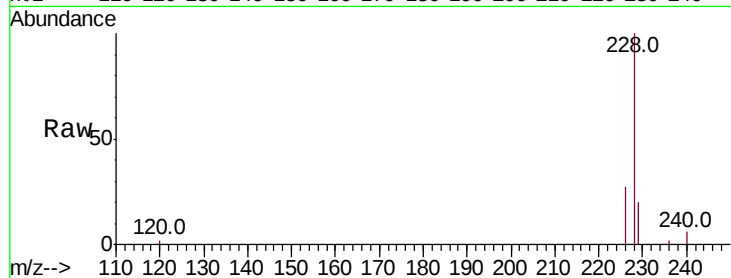
Tot Ion:228 Resp: 30522

Ion Ratio Lower Upper

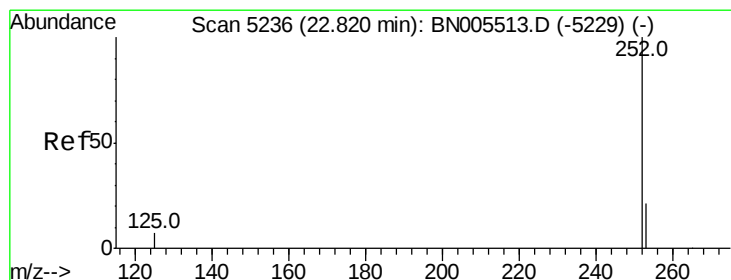
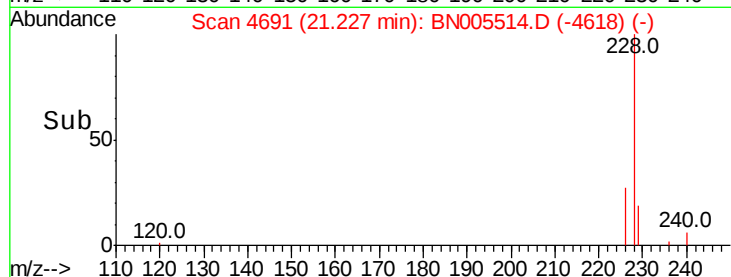
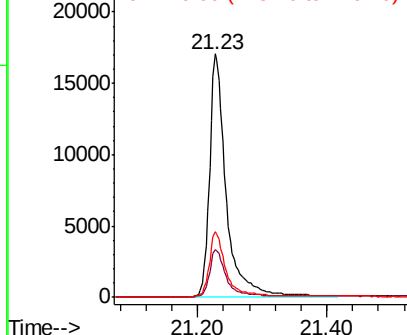
228 100

229 19.6 15.8 23.8

226 26.9 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



#22

Benzo(k)fluoranthene

Concen: 0.658 ng/ul

RT: 22.86 min Scan# 5251

Delta R.T. 0.04 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

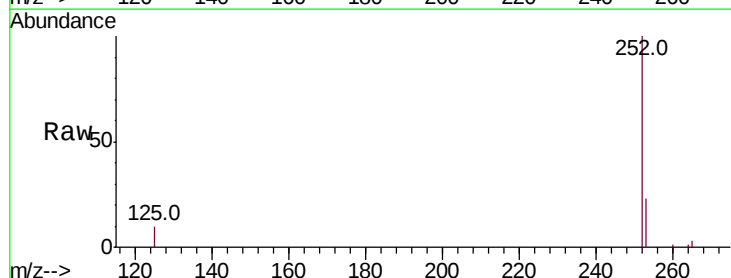
Tgt Ion:252 Resp: 28994

Ion Ratio Lower Upper

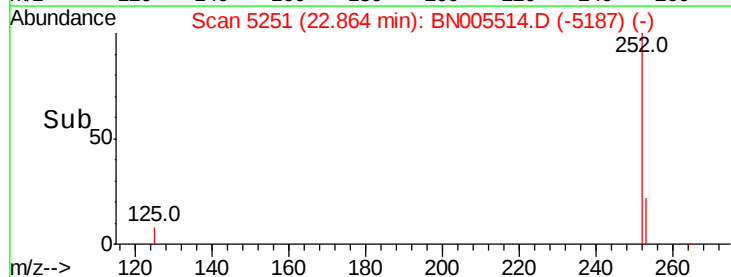
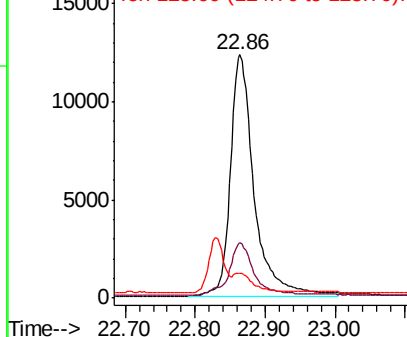
252 100

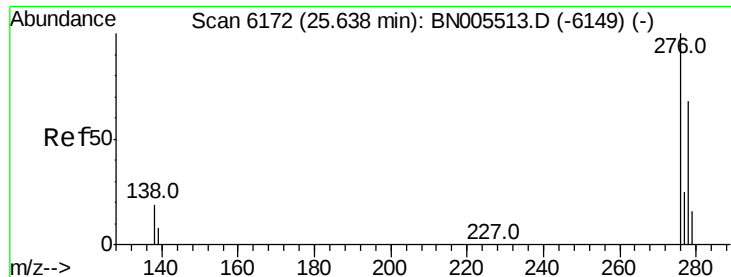
253 22.6 18.8 28.2

125 10.1 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





#24

Indeno(1,2,3-cd)pyrene

Concen: 0.526 ng/ul

RT: 25.68 min Scan# 6185

Delta R.T. 0.03 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

Instrument :

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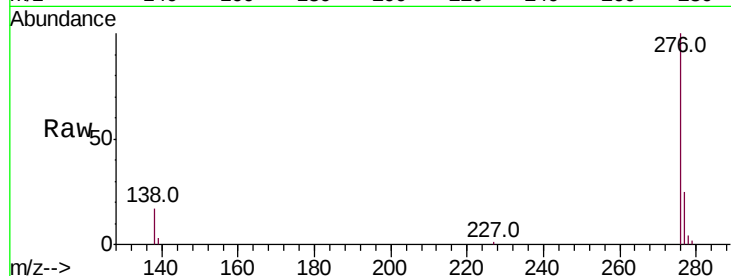
Tot Ion:276 Resp: 23113

Ion Ratio Lower Upper

276 100

138 14.7 15.8 23.8#

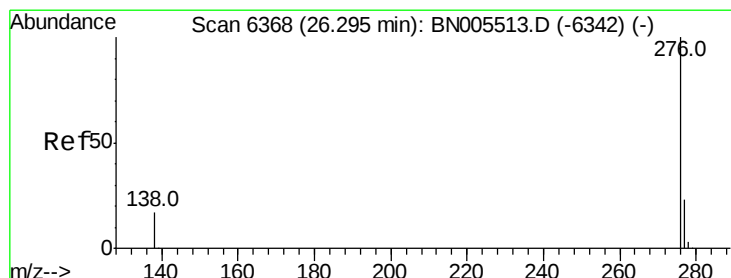
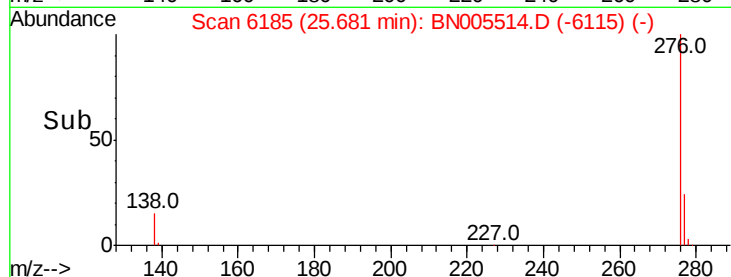
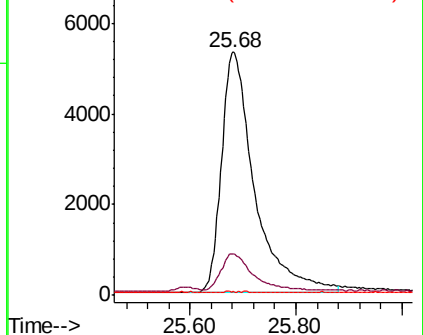
227 0.1 0.1 0.1#



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



#26

Benzo(g,h,i)perylene

Concen: 1.005 ng/ul

RT: 26.34 min Scan# 6381

Delta R.T. 0.03 min

Lab File: BN005514.D

Acq: 07 May 2019 08:27

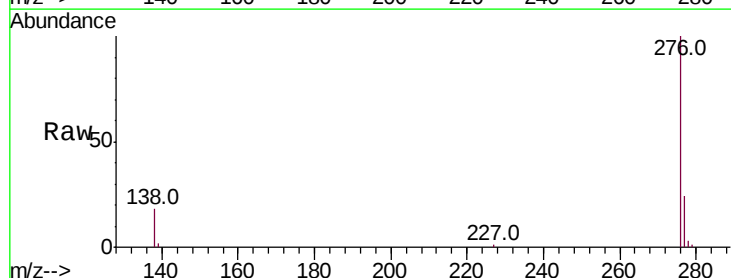
Tgt Ion:276 Resp: 37676

Ion Ratio Lower Upper

276 100

138 17.8 15.6 23.4

277 24.2 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

