

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN050719\
 Data File : BN005515.D
 Acq On : 07 May 2019 13:19
 Operator : JU/SJ
 Sample : K2403-06
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A5117

Quant Time: May 07 13:52:58 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

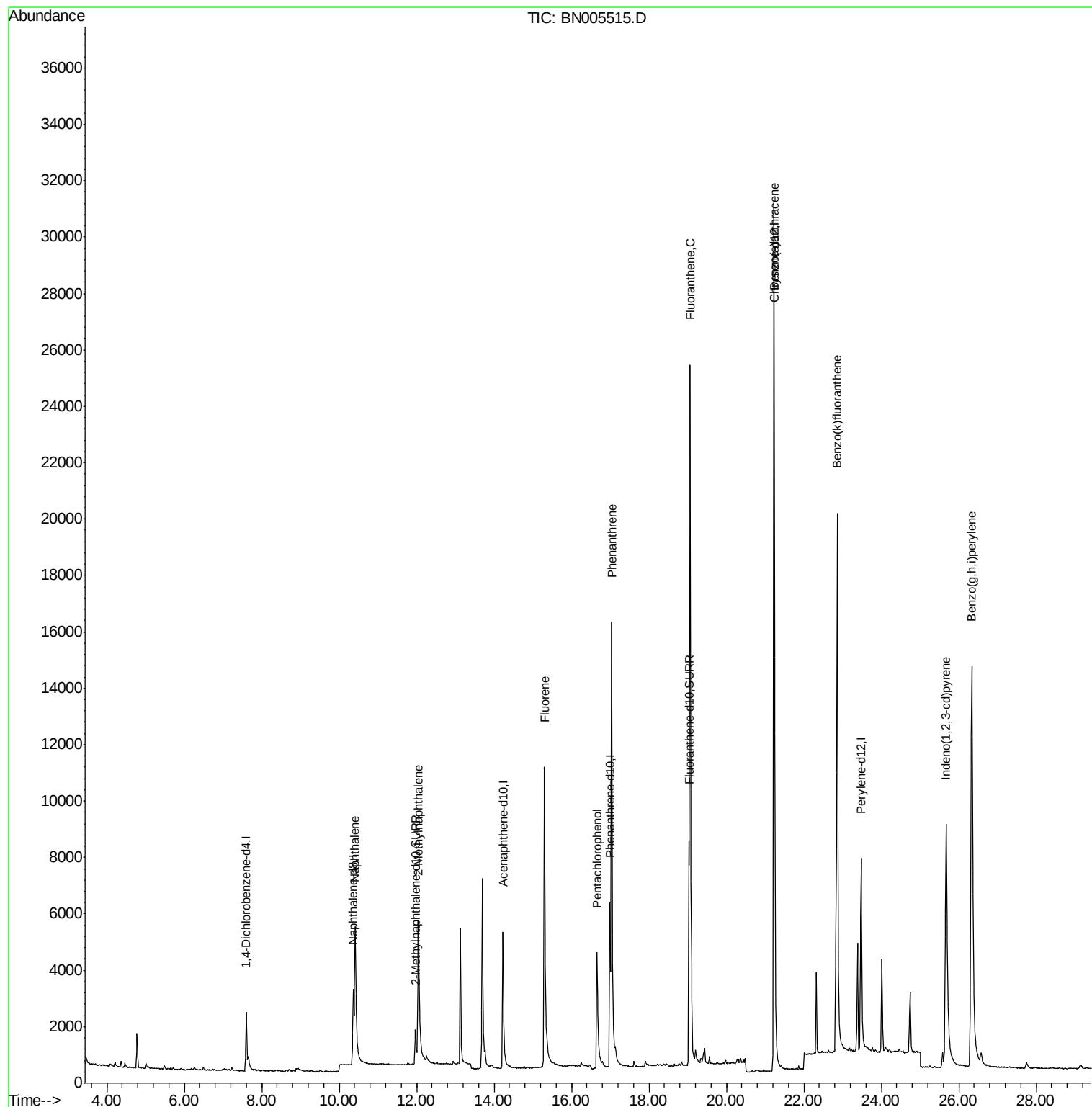
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.60	152	1614	0.40	ng/ul	-0.01
2) Naphthalene-d8	10.36	136	6211	0.40	ng/ul	-0.01
6) Acenaphthene-d10	14.23	164	3839	0.40	ng/ul	-0.02
10) Phenanthrene-d10	16.99	188	10345	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	10488	0.40	ng/ul	0.02
20) Perylene-d12	23.48	264	11240	0.40	ng/ul	0.04
System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	11.97	152	3160	0.32	ng/ul	-0.02
14) Fluoranthene-d10	19.03	212	11912	0.37	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	10.41	128	10555	0.642	ng/ul	99
5) 2-Methylnaphthalene	12.04	142	7308	0.651	ng/ul	99
9) Fluorene	15.30	166	11913	0.746	ng/ul	100
11) Pentachlorophenol	16.66	266	5256	1.961	ng/ul	93
12) Phenanthrene	17.04	178	24651	0.875	ng/ul	100
15) Fluoranthene	19.07	202	26881	0.689	ng/ul	98
18) Benzo(a)anthracene	21.23	228	34280	0.948	ng/ul	100
22) Benzo(k)fluoranthene	22.86	252	31878	0.753	ng/ul	98
24) Indeno(1,2,3-cd)pyrene	25.67	276	24191	0.573	ng/ul#	89
26) Benzo(g,h,i)perylene	26.33	276	39543	1.098	ng/ul	96

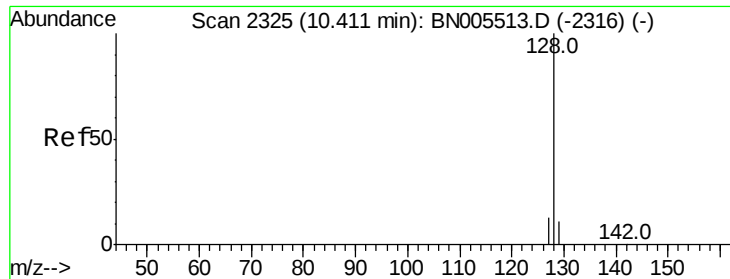
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.642 ng/ul

RT: 10.41 min Scan# 2325

Delta R.T. -0.01 min

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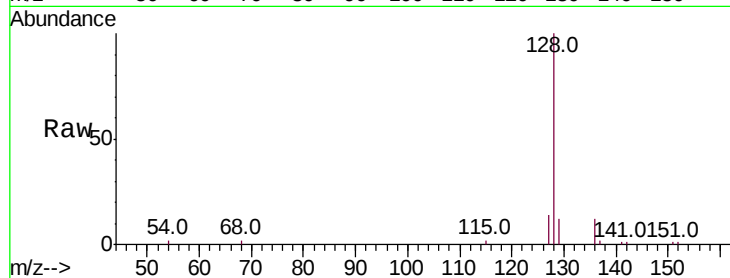
Tot Ion:128 Resp: 10555

Ion Ratio Lower Upper

128 100

129 12.2 10.2 15.2

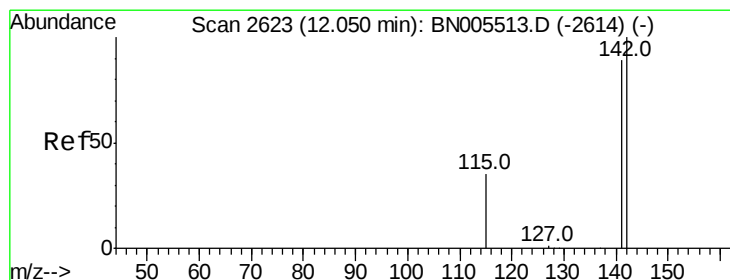
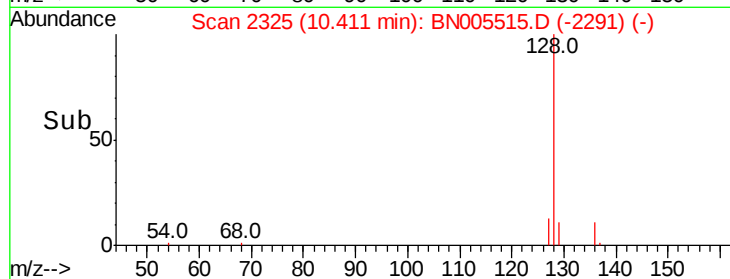
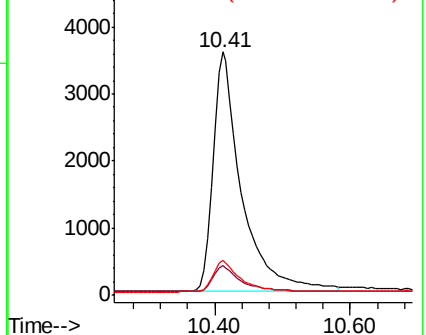
127 14.3 11.8 17.8



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: 0.651 ng/ul

RT: 12.04 min Scan# 2622

Delta R.T. -0.02 min

Lab File: BN005515.D

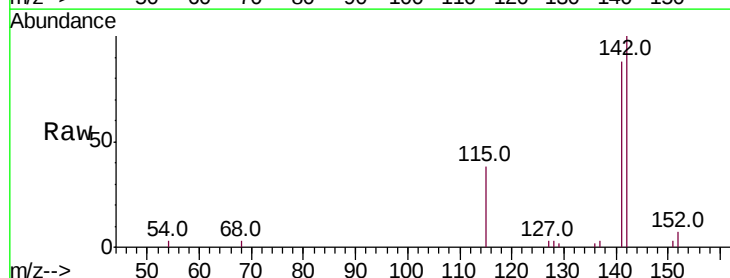
Acq: 07 May 2019 13:19

Tgt Ion:142 Resp: 7308

Ion Ratio Lower Upper

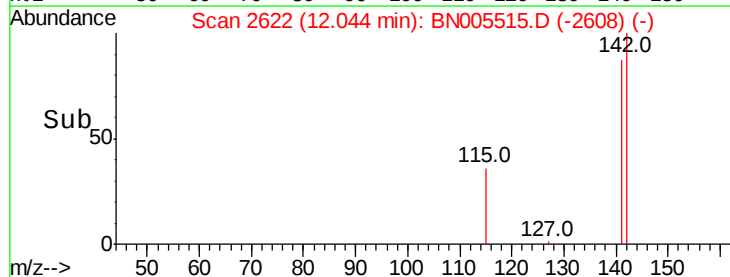
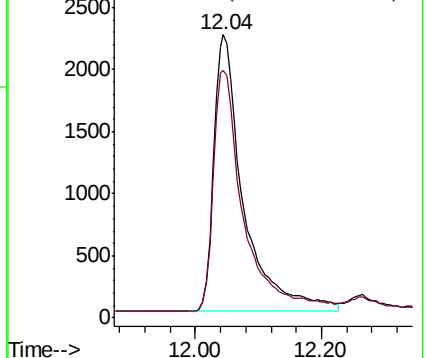
142 100

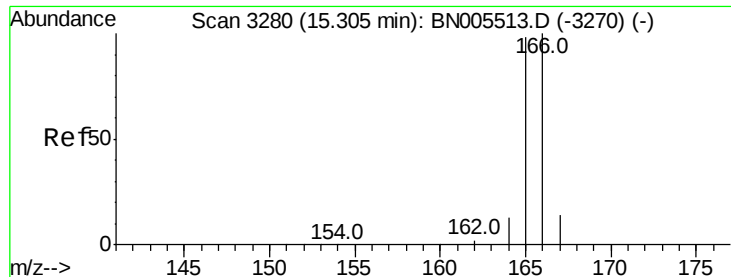
141 89.3 72.2 108.2



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E





#9

Fluorene

Concen: 0.746 ng/ul

RT: 15.30 min Scan# 3279

Delta R.T. -0.02 min

Lab File: BN005515.D

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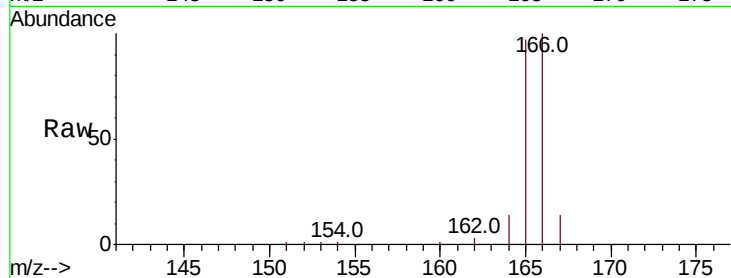
Tot Ion:166 Resp: 11913

Ion Ratio Lower Upper

166 100

165 97.4 78.0 117.0

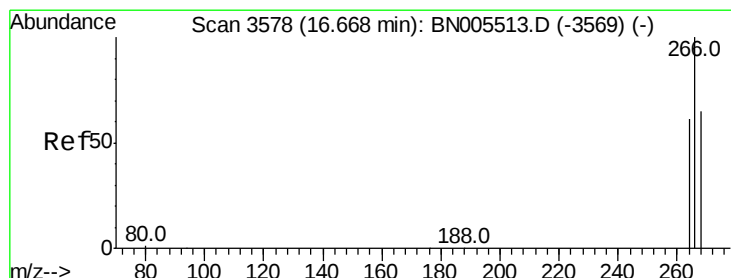
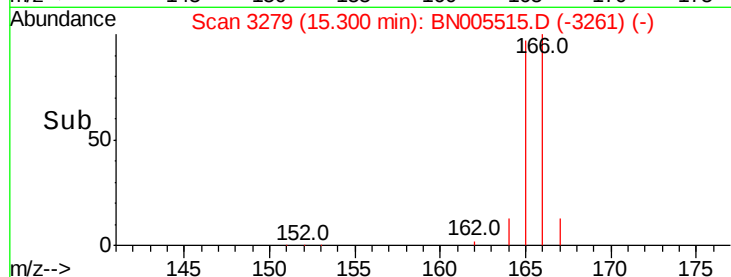
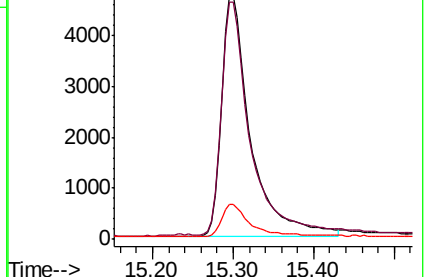
167 14.2 12.2 18.4



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: 1.961 ng/ul

RT: 16.66 min Scan# 3575

Delta R.T. -0.02 min

Lab File: BN005515.D

Acq: 07 May 2019 13:19

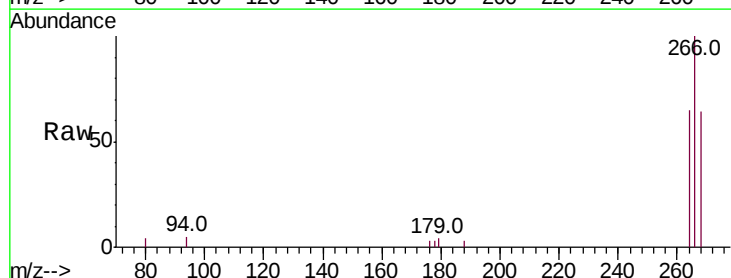
Tgt Ion:266 Resp: 5256

Ion Ratio Lower Upper

266 100

264 63.4 55.3 82.9

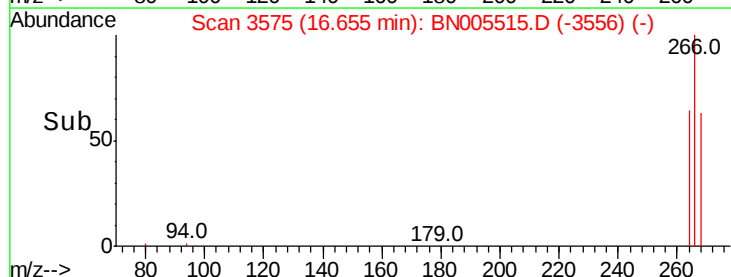
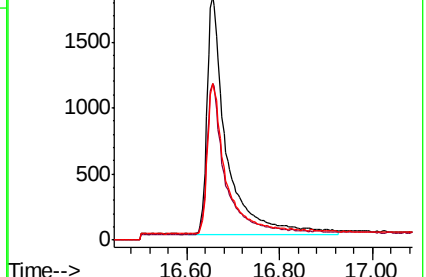
268 64.5 56.7 85.1

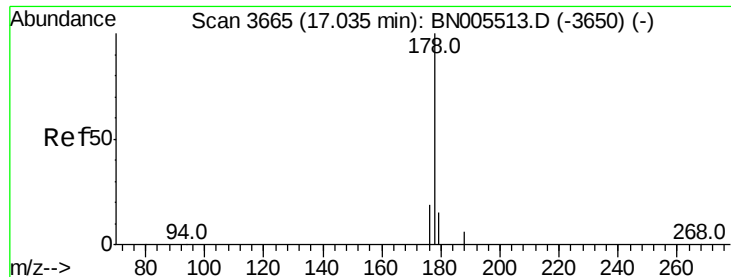


Abundance Ion 266.00 (265.70 to 266.70): E

Ion 264.00 (263.70 to 264.70): E

Ion 268.00 (267.70 to 268.70): E





#12

Phenanthrene

Concen: 0.875 ng/ul

RT: 17.04 min Scan# 3665

Delta R.T. -0.01 min

Lab File: BN005515.D

Acq: 07 May 2019 13:19

Instrument :

BNA_N

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A5117

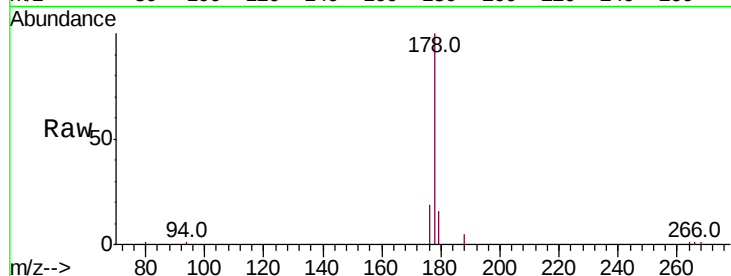
Tot Ion:178 Resp: 24651

Ion Ratio Lower Upper

178 100

179 16.0 12.8 19.2

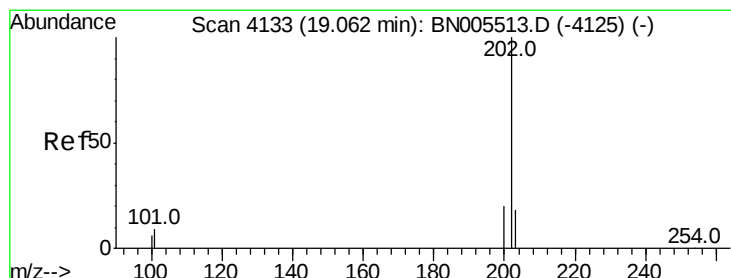
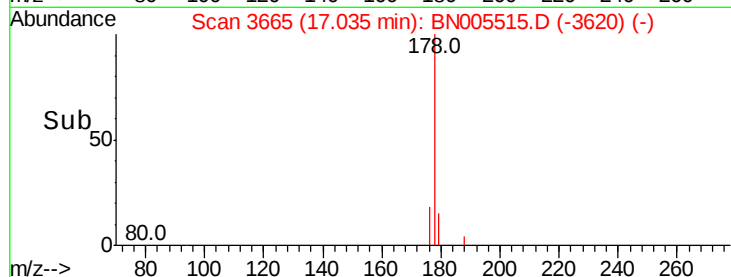
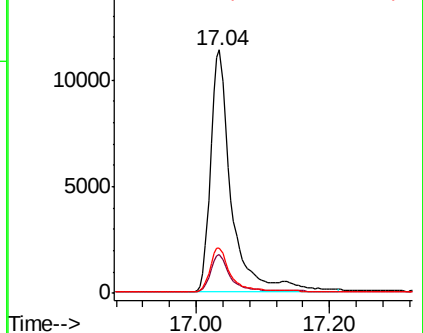
176 18.7 15.3 22.9



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: 0.689 ng/ul

RT: 19.07 min Scan# 4134

Delta R.T. -0.00 min

Lab File: BN005515.D

Acq: 07 May 2019 13:19

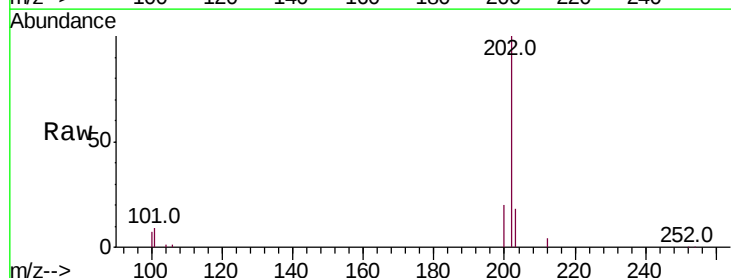
Tgt Ion:202 Resp: 26881

Ion Ratio Lower Upper

202 100

101 8.6 0.0 29.4

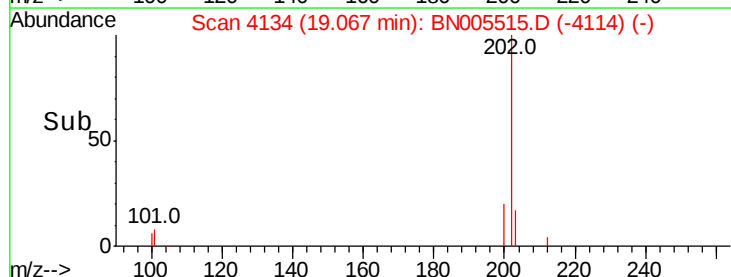
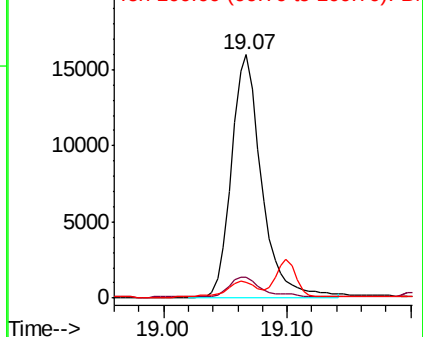
100 6.6 0.0 27.1

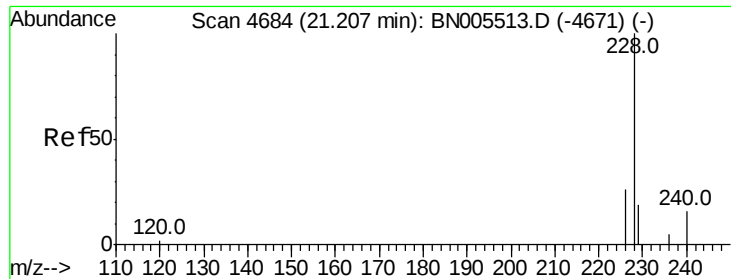


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

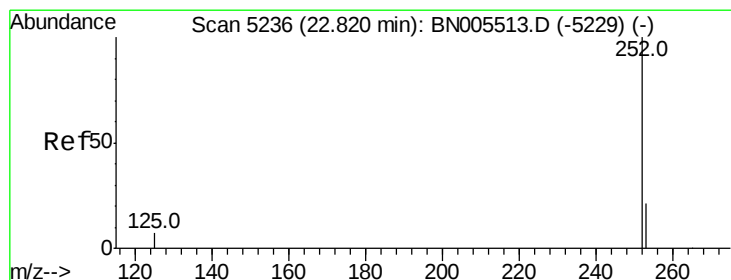
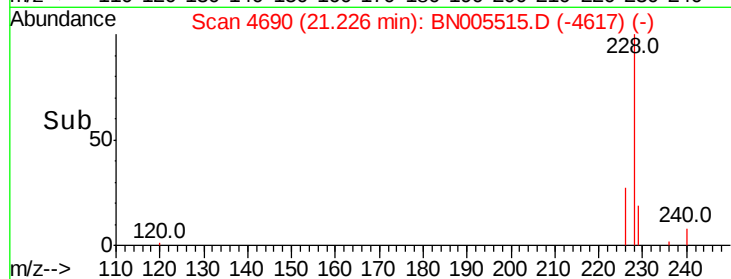
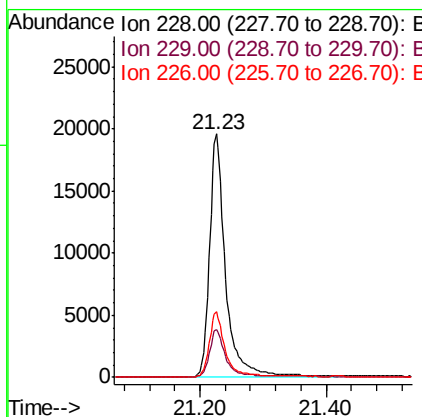
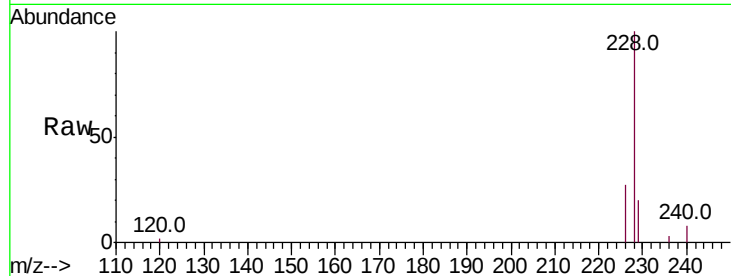




#18
Benzo(a)anthracene
Concen: 0.948 ng/ul
RT: 21.23 min Scan# 4690
Delta R.T. 0.01 min
Lab File: BN005515.D
Acq: 07 May 2019 13:19

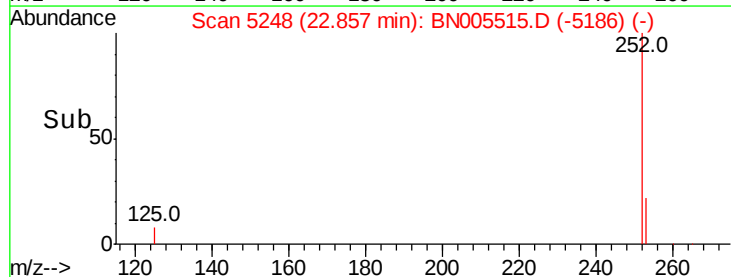
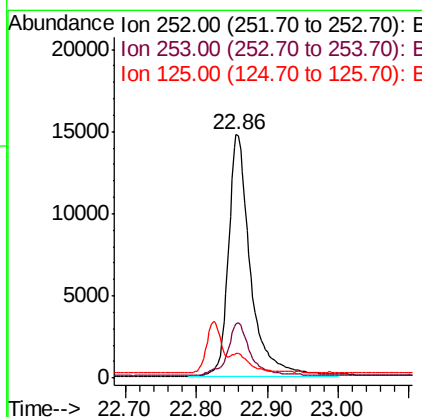
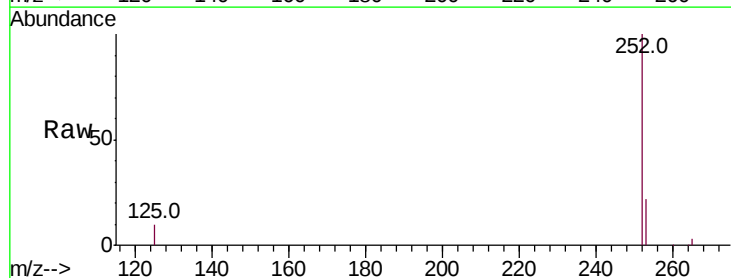
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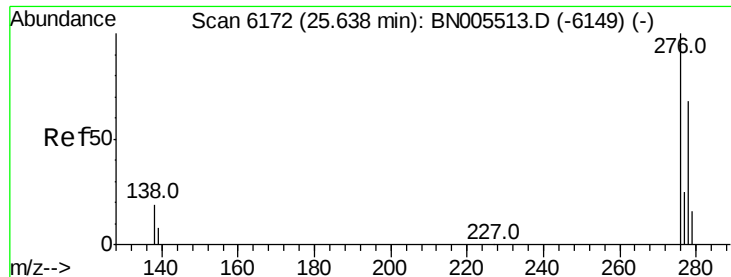
Tot Ion:228 Resp: 34280
Ion Ratio Lower Upper
228 100
229 19.8 15.8 23.8
226 26.8 21.7 32.5



#22
Benzo(k)fluoranthene
Concen: 0.753 ng/ul
RT: 22.86 min Scan# 5248
Delta R.T. 0.03 min
Lab File: BN005515.D
Acq: 07 May 2019 13:19

Tgt Ion:252 Resp: 31878
Ion Ratio Lower Upper
252 100
253 22.5 18.8 28.2
125 10.4 7.6 11.4



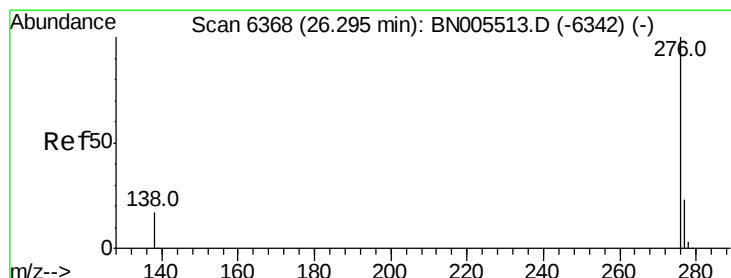
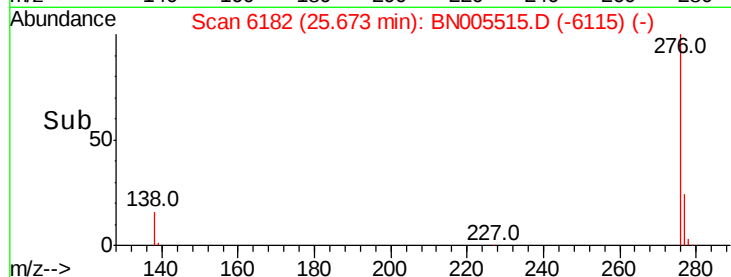
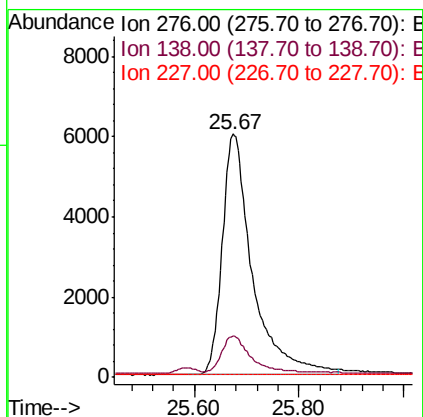
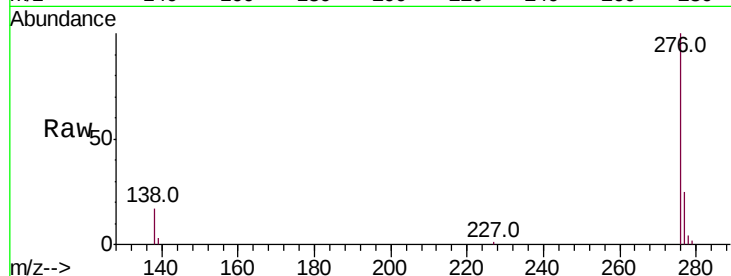


#24

Indeno(1,2,3-cd)pyrene
Concen: 0.573 ng/ul
RT: 25.67 min Scan# 6182
Delta R.T. 0.03 min
Lab File: BN005515.D
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Tot Ion:276 Resp: 24191
Ion Ratio Lower Upper
276 100
138 14.8 15.8 23.8#
227 0.1 0.1 0.1#



#26

Benzo(g,h,i)perylene
Concen: 1.098 ng/ul
RT: 26.33 min Scan# 6379
Delta R.T. 0.03 min
Lab File: BN005515.D
Acq: 07 May 2019 13:19

Tgt Ion:276 Resp: 39543
Ion Ratio Lower Upper
276 100
138 18.1 15.6 23.4
277 23.8 20.6 31.0

