

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072219\
 Data File : BN006969.D
 Acq On : 23 Jul 2019 11:21
 Operator : HP/JU
 Sample : K3772-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :
 A52U1

Quant Time: Jul 23 12:08:10 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\SOM-EPA-SIM-BN062719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 23 04:26:14 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	1990	0.40	ng/ul	0.00
2) Naphthalene-d8	10.37	136	7698	0.40	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	4086	0.40	ng/ul	0.00
10) Phenanthrene-d10	17.01	188	8269	0.40	ng/ul	0.00
16) Chrysene-d12	21.24	240	6816	0.40	ng/ul	0.00
20) Perylene-d12	23.47	264	7205	0.40	ng/ul	0.00

System Monitoring Compounds						
4) 2-Methylnaphthalene-d10	12.01	152	3797	0.32	ng/ul	0.02
14) Fluoranthene-d10	19.06	212	8932	0.37	ng/ul	0.00

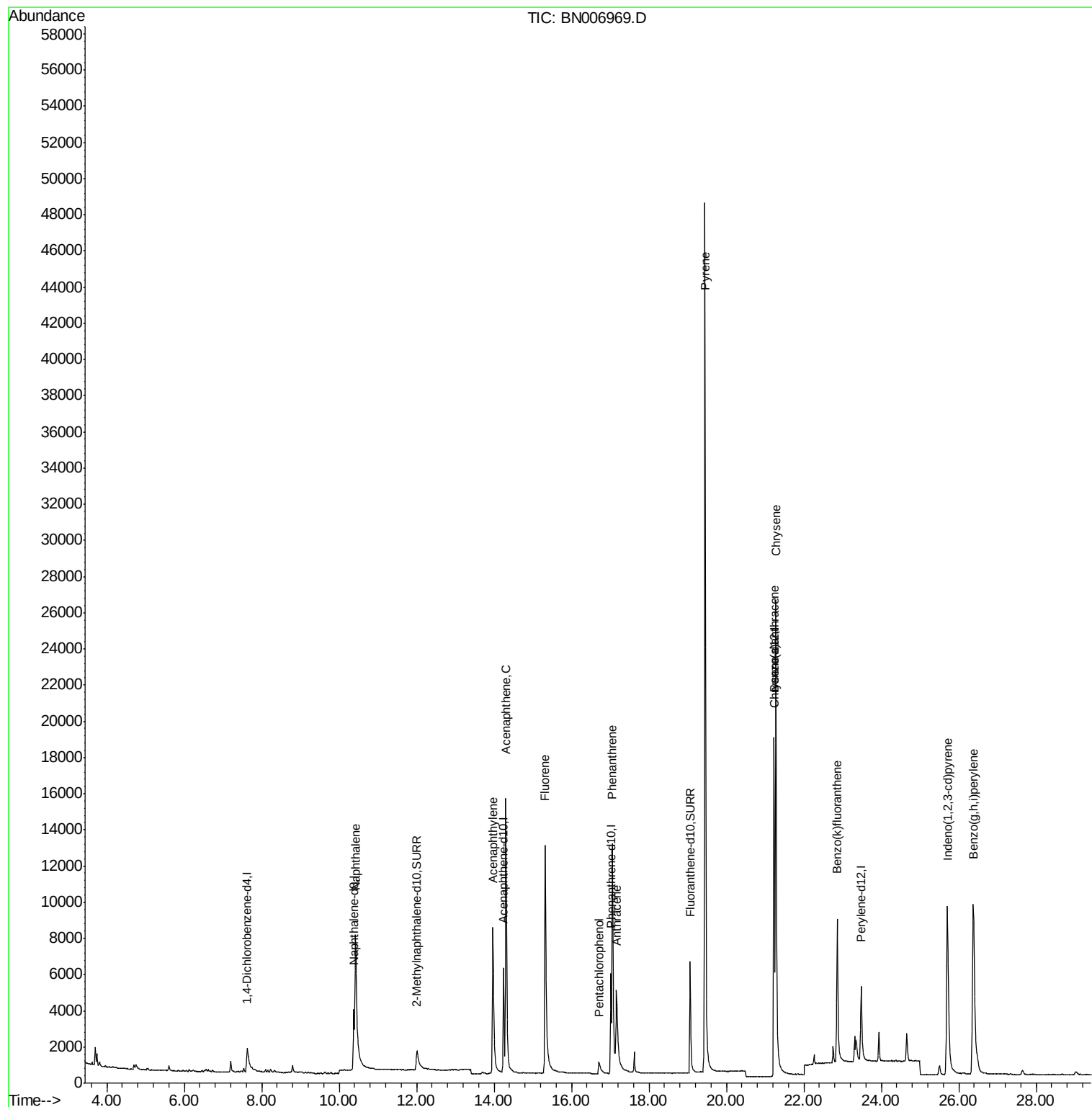
Target Compounds				Ovalue		
3) Naphthalene	10.42	128	18790	0.850	ng/ul	99
7) Acenaphthylene	13.97	152	15157	0.719	ng/ul	99
8) Acenaphthene	14.31	153	12080	0.743	ng/ul	99
9) Fluorene	15.31	166	14984	0.841	ng/ul	99
11) Pentachlorophenol	16.71	266	1471	1.195	ng/ul	93
12) Phenanthrene	17.06	178	19367	0.728	ng/ul	100
13) Anthracene	17.16	178	9026	0.393	ng/ul	98
17) Pyrene	19.45	202	51405	1.650	ng/ul	98
18) Benzo(a)anthracene	21.22	228	18152	0.648	ng/ul	100
19) Chrysene	21.28	228	33253	1.064	ng/ul	99
22) Benzo(k)fluoranthene	22.86	252	14261	0.461	ng/ul	97
24) Indeno(1,2,3-cd)pyrene	25.70	276	22698	0.775	ng/ul#	84
26) Benzo(g,h,i)perylene	26.38	276	25868	1.057	ng/ul	97

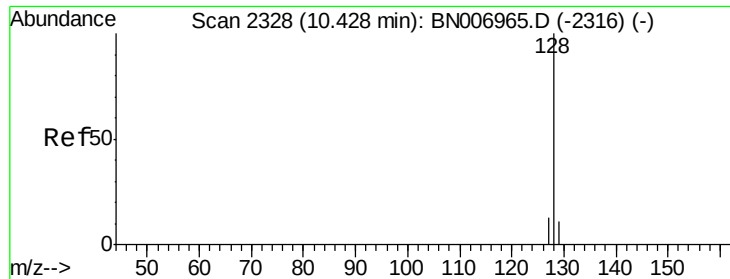
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 0.850 ng/ul

RT: 10.42 min Scan# 2327

Delta R.T. 0.01 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

Instrument :

BNA_N

ClientSampleId :

A52U1

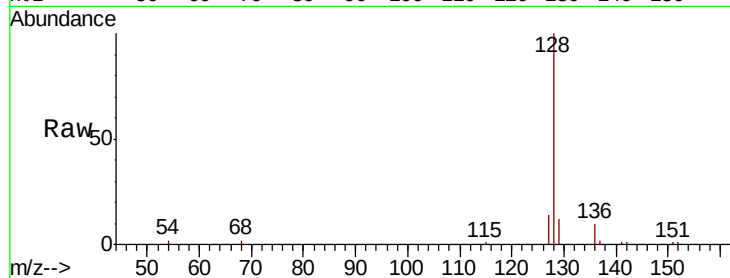
Tot Ion:128 Resp: 18790

Ion Ratio Lower Upper

128 100

129 11.6 9.4 14.0

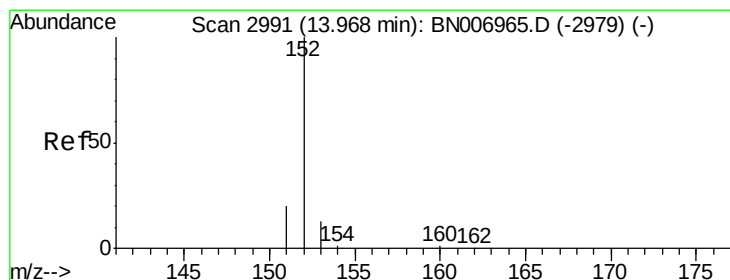
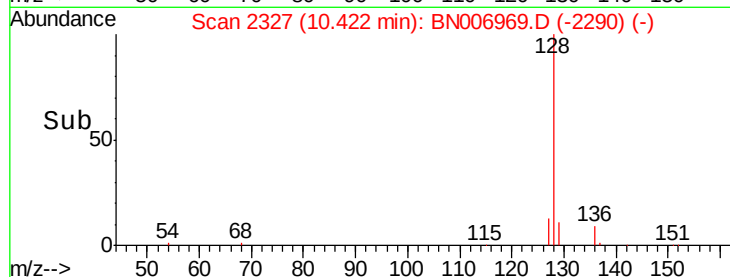
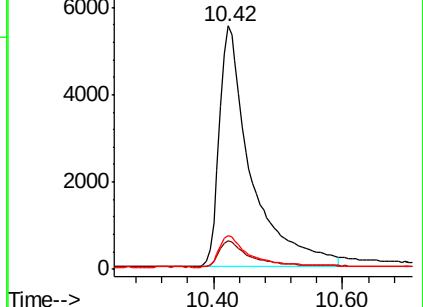
127 13.9 10.6 16.0



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



#7

Acenaphthylene

Concen: 0.719 ng/ul

RT: 13.97 min Scan# 2991

Delta R.T. -0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

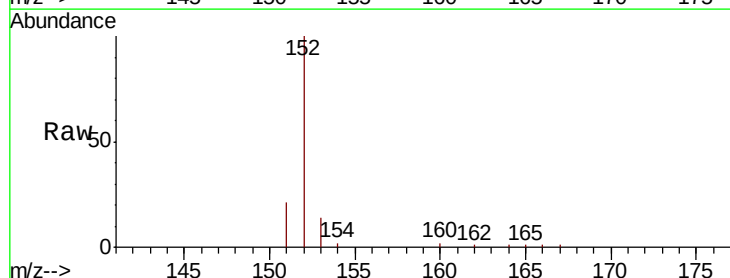
Tgt Ion:152 Resp: 15157

Ion Ratio Lower Upper

152 100

151 20.7 16.1 24.1

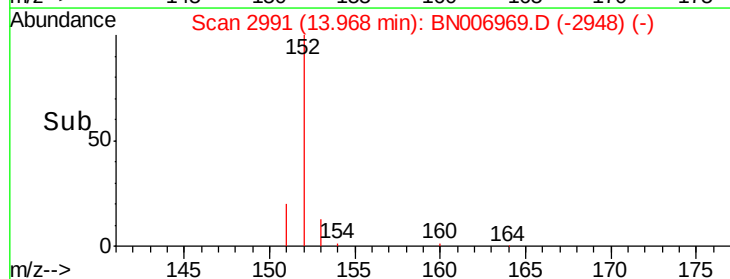
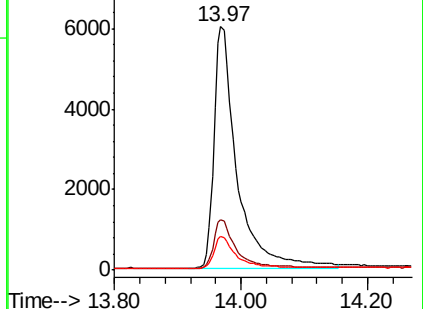
153 14.0 11.2 16.8

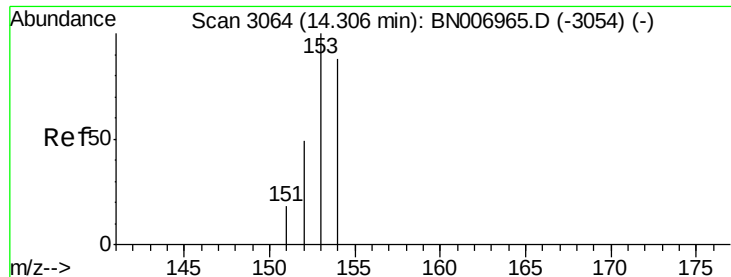


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#8

Acenaphthene

Concen: 0.743 ng/ul

RT: 14.31 min Scan# 3064

Delta R.T. -0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

Instrument :

BNA_N

ClientSampleId :

A52U1

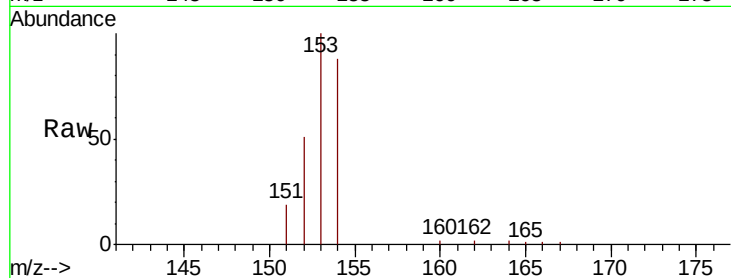
Tot Ion:153 Resp: 12080

Ion Ratio Lower Upper

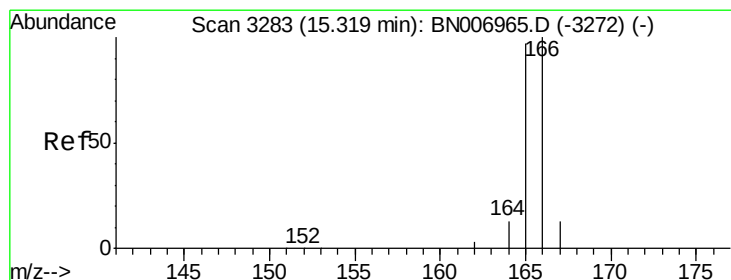
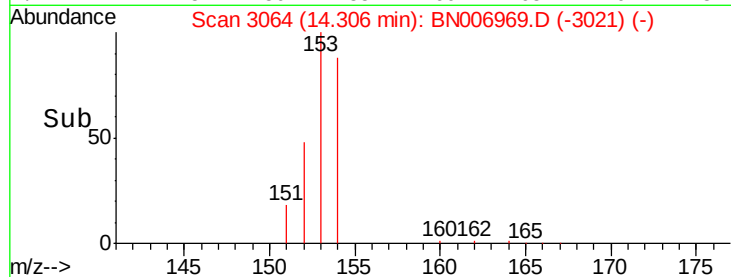
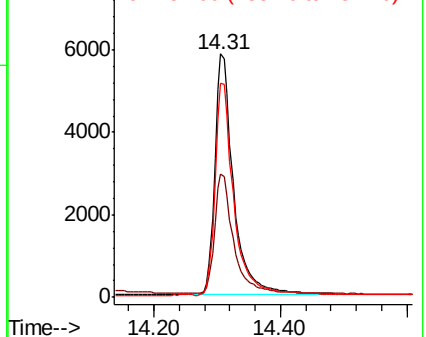
153 100

152 50.9 39.3 58.9

154 88.0 70.6 105.8



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: 0.841 ng/ul

RT: 15.31 min Scan# 3282

Delta R.T. -0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

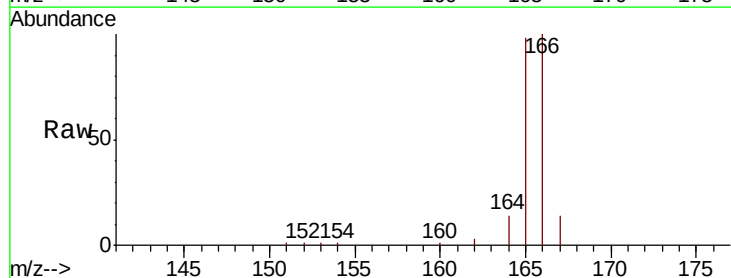
Tgt Ion:166 Resp: 14984

Ion Ratio Lower Upper

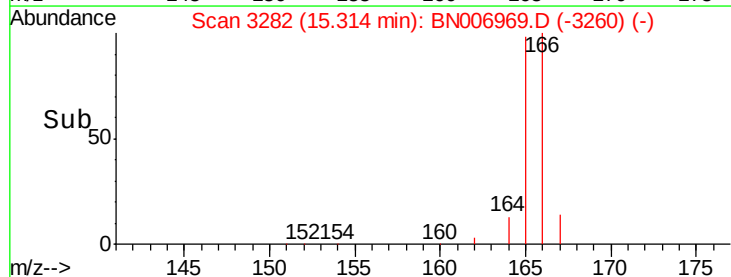
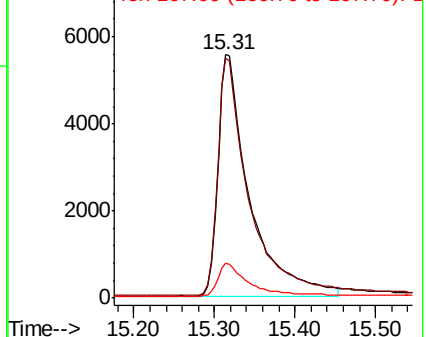
166 100

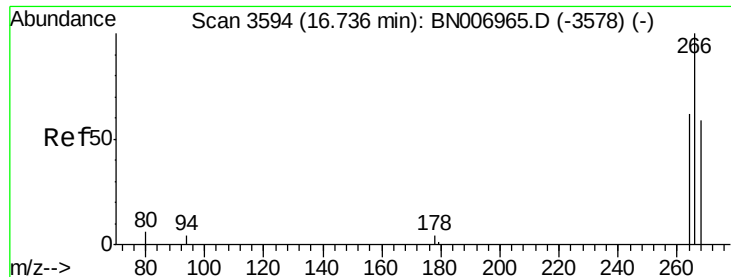
165 98.4 78.2 117.4

167 14.4 11.3 16.9



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

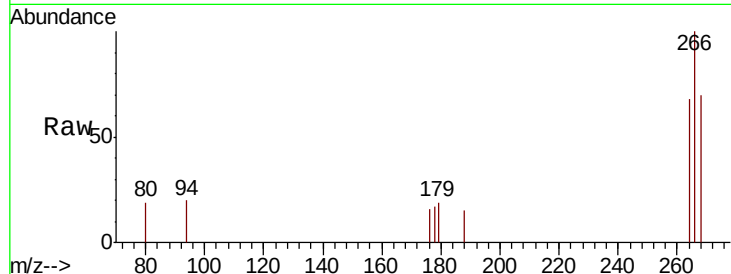




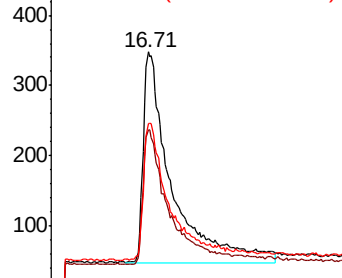
#11
 Pentachlorophenol
 Concen: 1.195 ng/ul
 RT: 16.71 min Scan# 3587
 Delta R.T. -0.03 min
 Lab File: BN006969.D
 Acq: 23 Jul 2019 11:21

Instrument :
 BNA_N
 ClientSampleId :
 A52U1

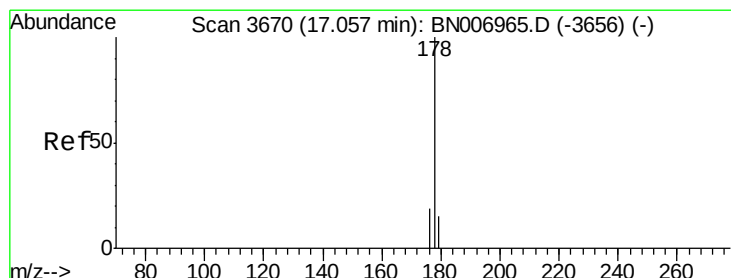
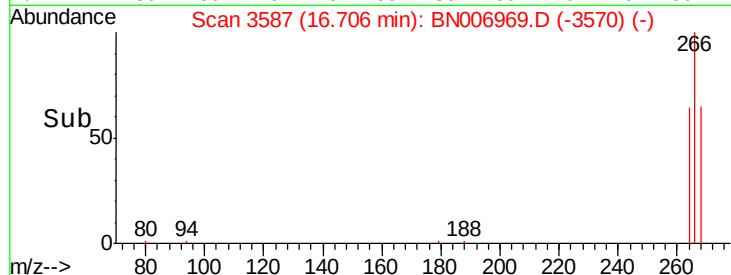
Tot Ion	Ratio	Lower	Upper
266	100		
264	62.8	45.9	68.9
268	64.6	48.1	72.1



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

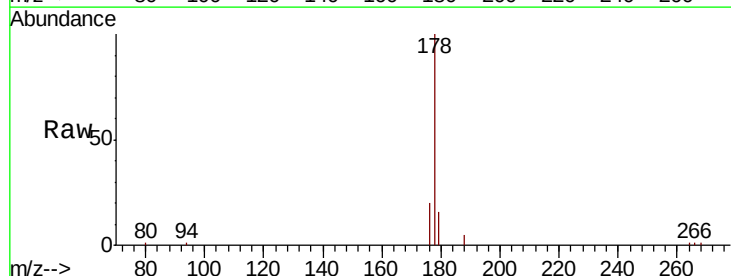


Time-->

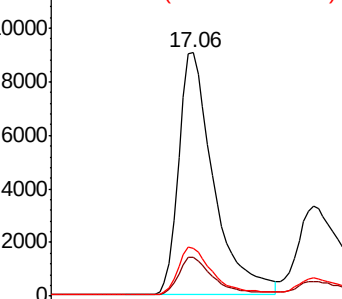


#12
 Phenanthrene
 Concen: 0.728 ng/ul
 RT: 17.06 min Scan# 3670
 Delta R.T. -0.00 min
 Lab File: BN006969.D
 Acq: 23 Jul 2019 11:21

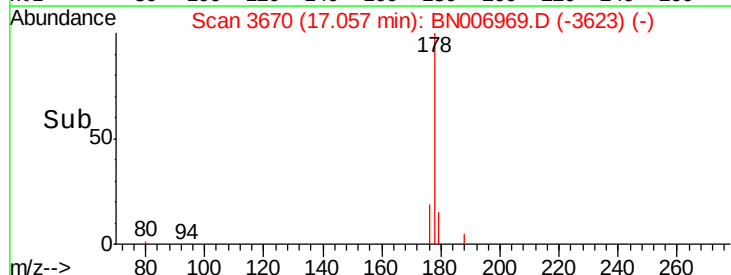
Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.0	12.6	19.0
176	19.7	15.8	23.8

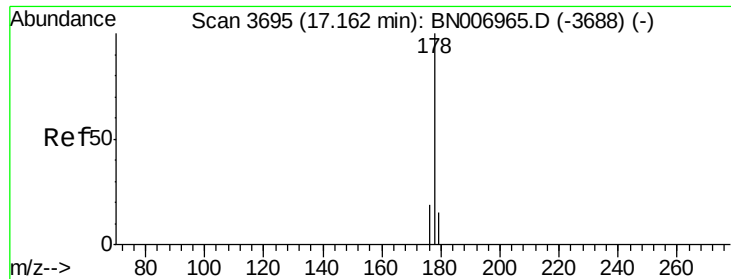


Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 176.00 (175.70 to 176.70): E



Time-->





#13

Anthracene

Concen: 0.393 ng/ul

RT: 17.16 min Scan# 3695

Delta R.T. 0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

Instrument :

BNA_N

ClientSampleId :

A52U1

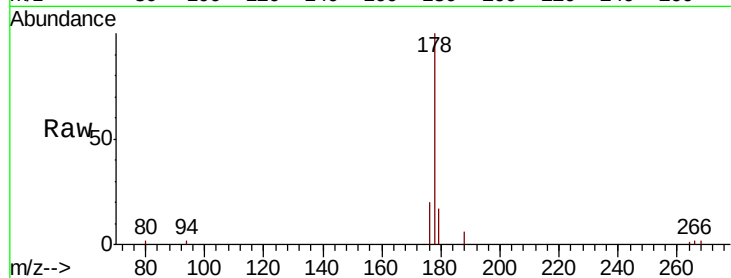
Tot Ion:178 Resp: 9026

Ion Ratio Lower Upper

178 100

179 16.8 12.7 19.1

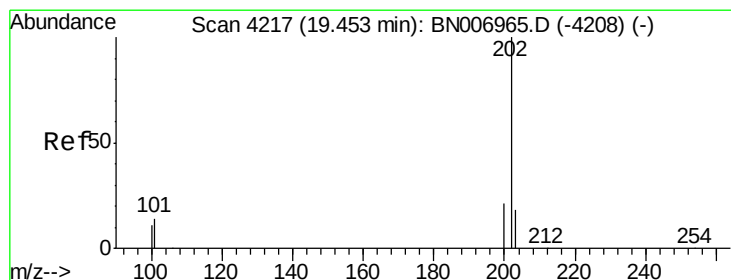
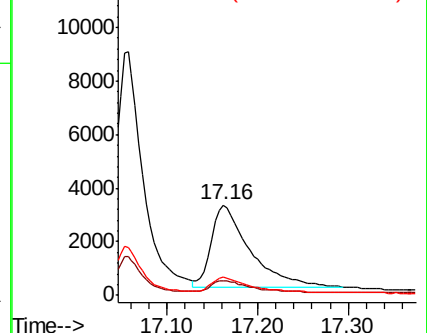
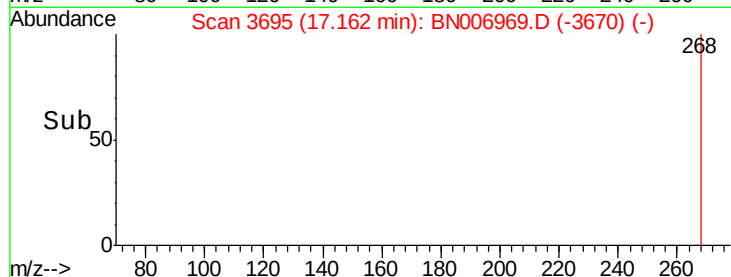
176 20.5 15.8 23.6



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



#17

Pyrene

Concen: 1.650 ng/ul

RT: 19.45 min Scan# 4216

Delta R.T. -0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

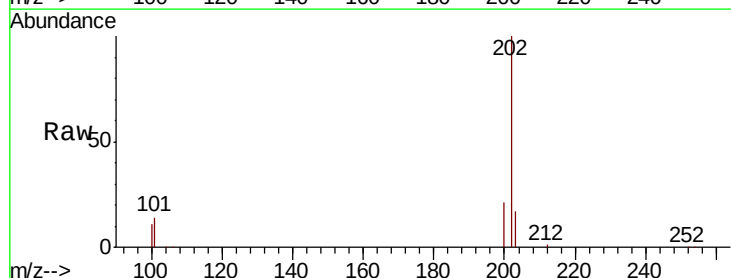
Tgt Ion:202 Resp: 51405

Ion Ratio Lower Upper

202 100

101 14.4 12.2 18.2

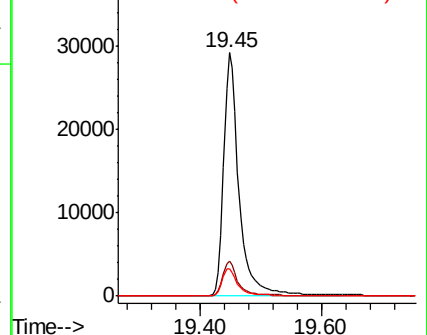
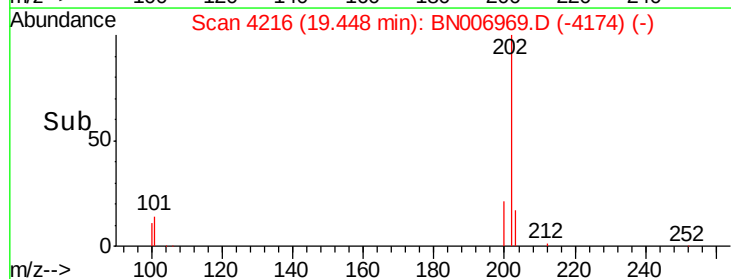
100 11.3 9.8 14.8

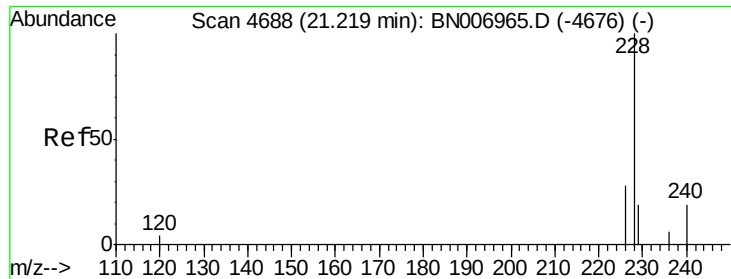


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

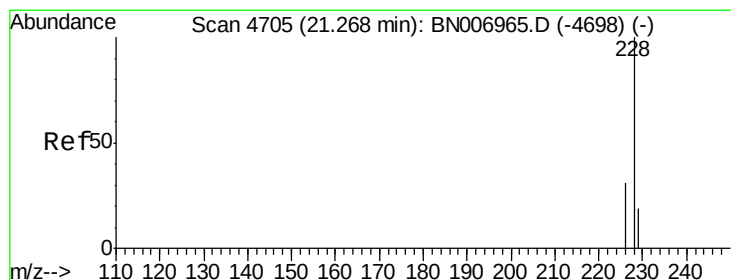
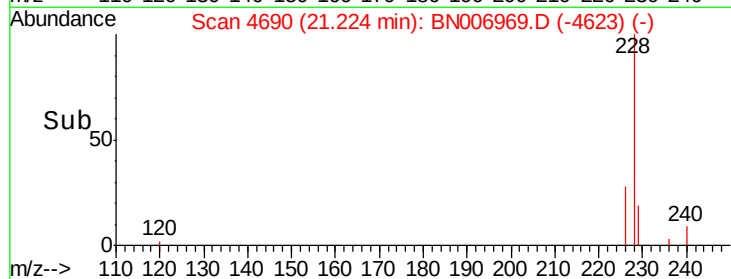
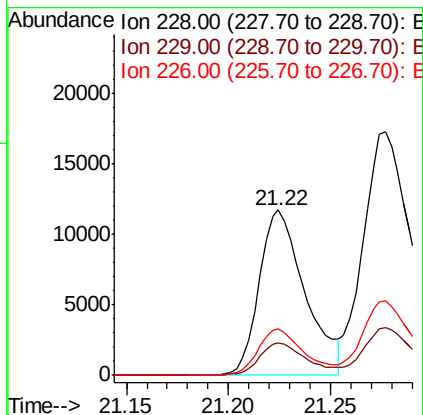
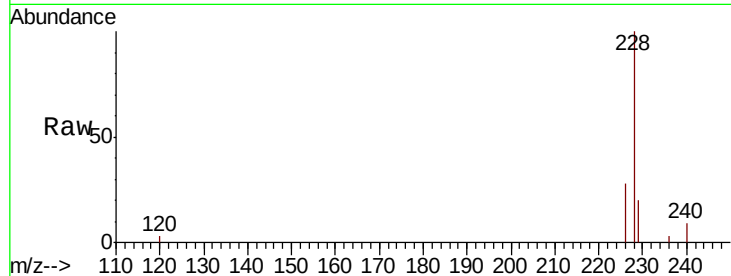




#18
Benzo(a)anthracene
Concen: 0.648 ng/ul
RT: 21.22 min Scan# 4690
Delta R.T. -0.00 min
Lab File: BN006969.D
Acq: 23 Jul 2019 11:21

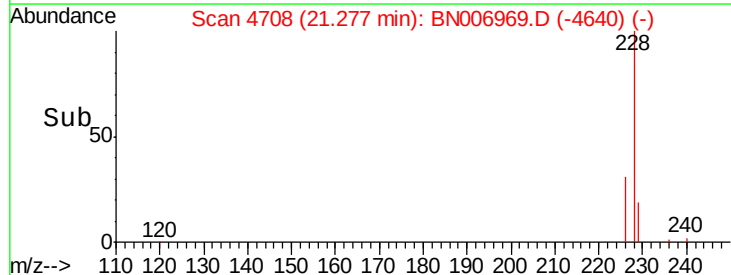
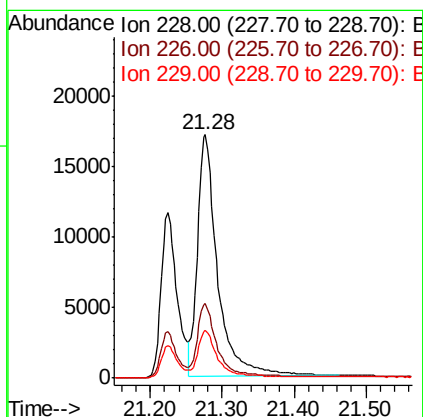
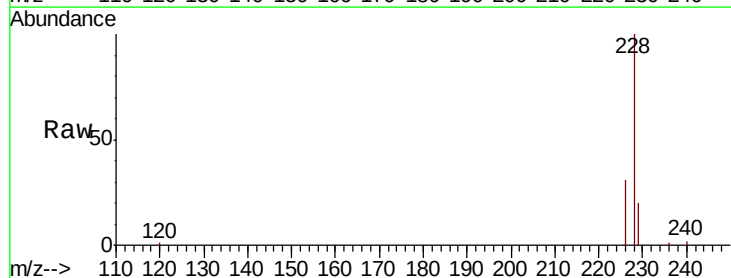
Instrument :
BNA_N
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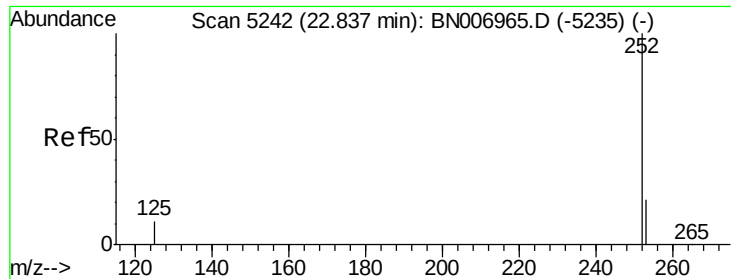
Tot Ion:228 Resp: 18152
Ion Ratio Lower Upper
228 100
229 19.8 15.9 23.9
226 28.0 22.6 34.0



#19
Chrysene
Concen: 1.064 ng/ul
RT: 21.28 min Scan# 4708
Delta R.T. -0.00 min
Lab File: BN006969.D
Acq: 23 Jul 2019 11:21

Tgt Ion:228 Resp: 33253
Ion Ratio Lower Upper
228 100
226 30.9 24.2 36.4
229 19.7 15.5 23.3





#22

Benzo(k)fluoranthene

Concen: 0.461 ng/ul

RT: 22.86 min Scan# 5249

Delta R.T. 0.01 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

Instrument :

BNA_N

ClientSampleId :

A52U1

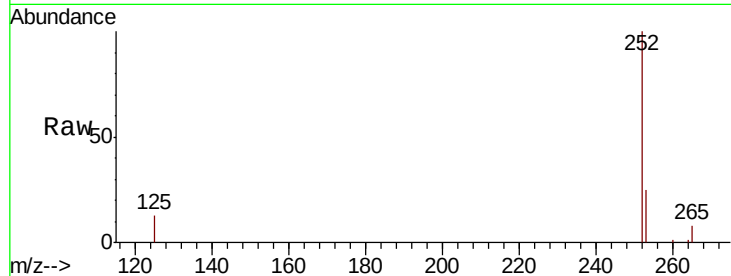
Tot Ion:252 Resp: 14261

Ion Ratio Lower Upper

252 100

253 25.4 19.2 28.8

125 12.9 11.0 16.6

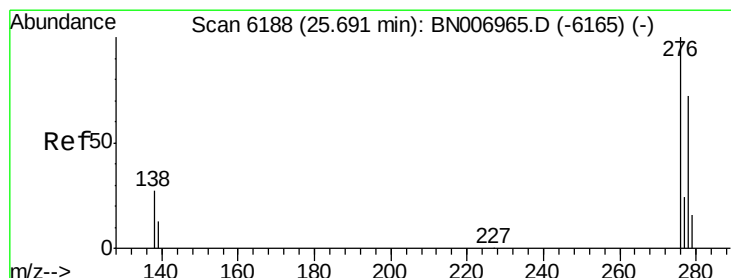
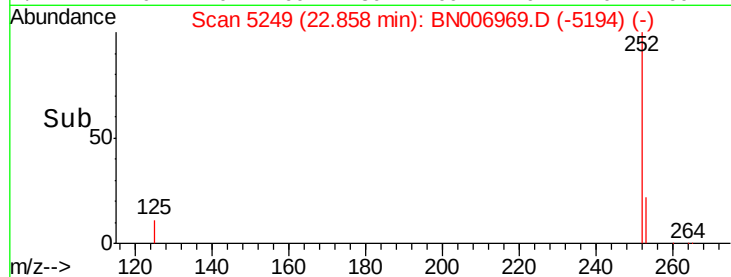
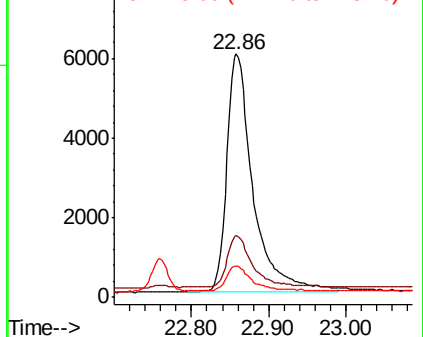


Abundance

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



#24

Indeno(1,2,3-cd)pyrene

Concen: 0.775 ng/ul

RT: 25.70 min Scan# 6192

Delta R.T. -0.00 min

Lab File: BN006969.D

Acq: 23 Jul 2019 11:21

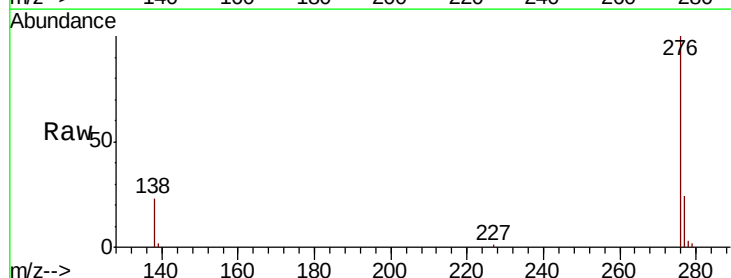
Tgt Ion:276 Resp: 22698

Ion Ratio Lower Upper

276 100

138 21.8 24.3 36.5#

227 0.1 0.2 0.4#

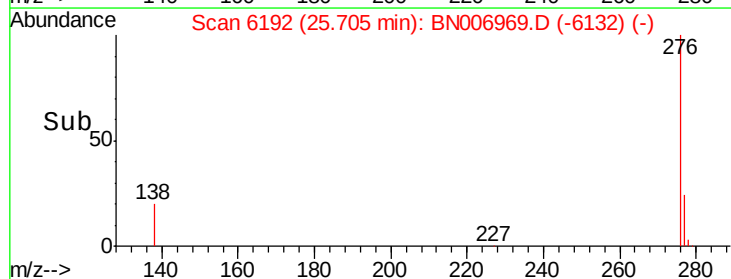
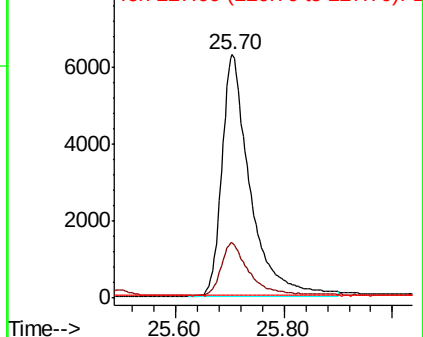


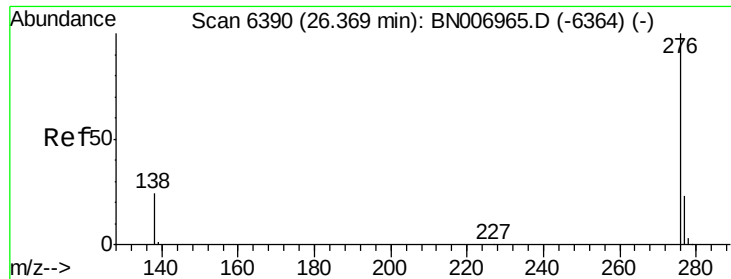
Abundance

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(a,h,i)perylene

Concen: 1.057 ng/ul

RT: 26.38 min Scan# 6392

Delta R.T. -0.01 min

Lab File: BN006969.D

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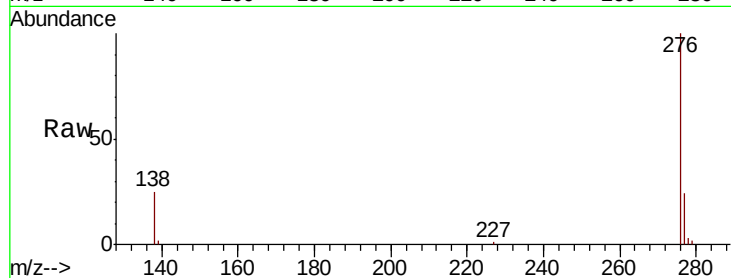
Tot Ion: 276 Resp: 25868

Ion Ratio Lower Upper

276 100

138 24.8 22.2 33.2

277 24.2 19.5 29.3



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

