

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
 Data File : BN000393.D
 Acq On : 15 Mar 2018 02:00
 Operator : JU/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 15 07:09:01 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 15 07:02:49 2018
 Response via : Initial Calibration

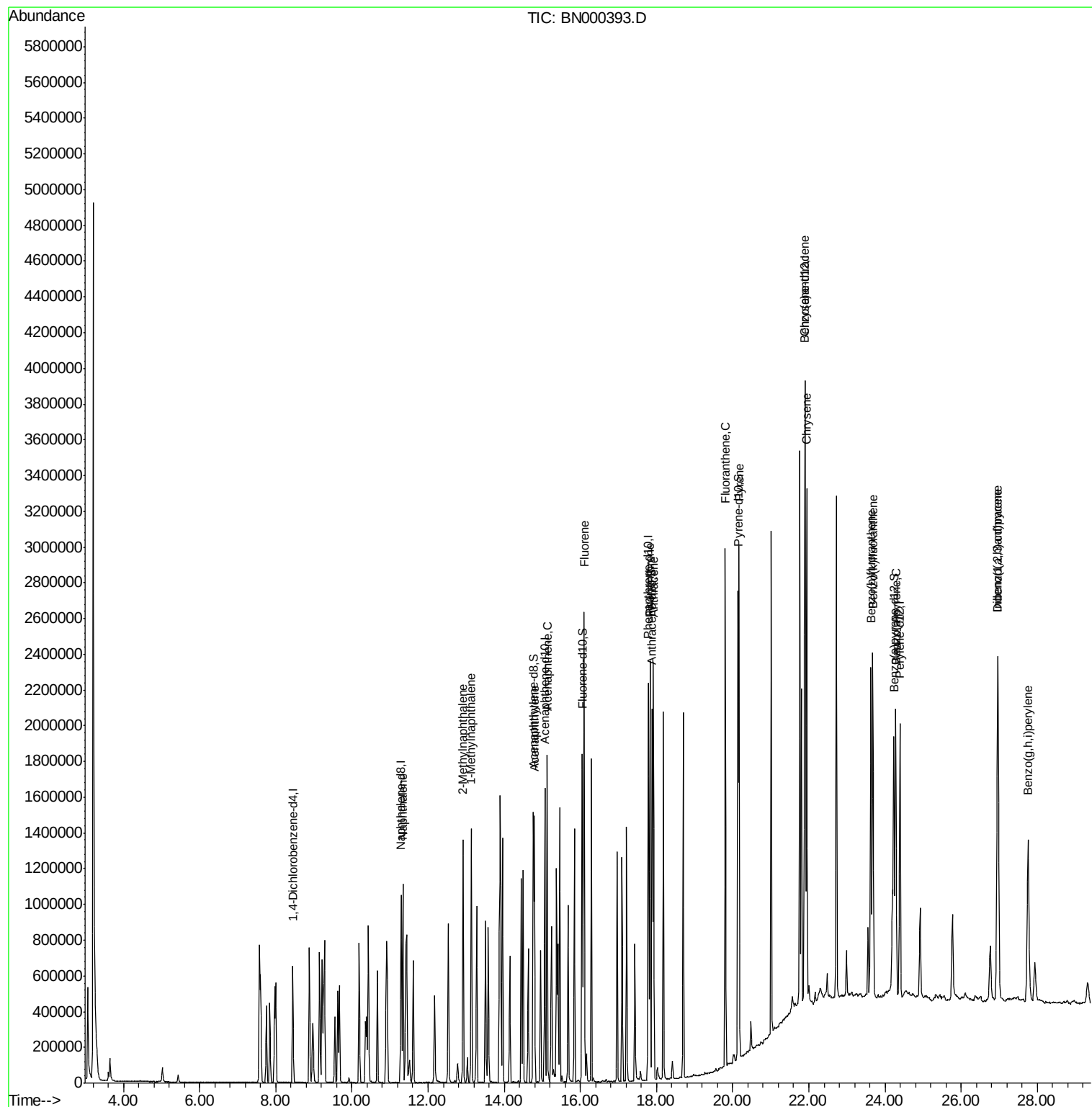
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	181504	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	898705	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	522882	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.79	188	1202179	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1165266	20.00	ng/ul	0.00
22) Perylene-d12	24.39	264	1085645	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1041423	20.07	ng/ul	0.00
10) Fluorene-d10	16.05	176	699862	19.91	ng/ul	0.00
14) Anthracene-d10	17.88	188	1114801	19.85	ng/ul	0.00
18) Pyrene-d10	20.14	212	1244326	21.83	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.23	264	985028	19.87	ng/ul	0.00
Target Compounds				Ovalue		
3) Naphthalene	11.34	128	910723	19.203	ng/ul	100
4) 2-Methylnaphthalene	12.92	142	635337	19.031	ng/ul	97
5) 1-Methylnaphthalene	13.13	142	637086	19.016	ng/ul#	94
8) Acenaphthylene	14.79	152	1031975	19.788	ng/ul	98
9) Acenaphthene	15.13	153	702272	19.348	ng/ul	95
11) Fluorene	16.10	166	795586	19.873	ng/ul	92
13) Phenanthrene	17.83	178	1325577	19.227	ng/ul	100
15) Anthracene	17.92	178	1374228	19.644	ng/ul	99
16) Fluoranthene	19.80	202	1568701	21.059	ng/ul#	92
19) Pyrene	20.16	202	1586038	21.558	ng/ul#	88
20) Benzo(a)anthracene	21.89	228	1464488	20.216	ng/ul	98
21) Chrysene	21.95	228	1341678	19.516	ng/ul	99
23) Benzo(b)fluoranthene	23.63	252	1301986	20.112	ng/ul#	96
24) Benzo(k)fluoranthene	23.68	252	1166842	19.255	ng/ul#	96
26) Benzo(a)pyrene	24.28	252	1210485	19.647	ng/ul#	95
27) Indeno(1,2,3-cd)pyrene	26.96	276	1340829	20.183	ng/ul#	81
28) Dibenzo(a,h)anthracene	26.97	278	1118083	20.533	ng/ul#	93
29) Benzo(a,h,i)perylene	27.76	276	1109710	20.006	ng/ul#	89

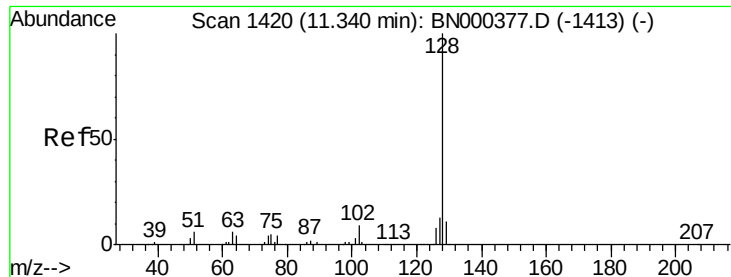
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA N\DATA\BN031418\
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ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampled :

Quant Time: Mar 15 07:09:01 2018
Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Mar 15 07:02:49 2018
Response via : Initial Calibration





#3

Naphthalene

Concen: 19.203 ng/ul

RT: 11.34 min Scan# 1420

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

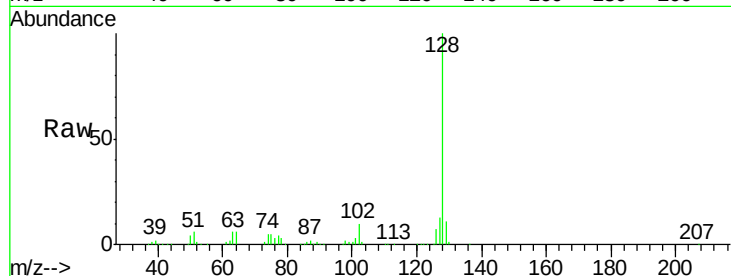
Instrument :

BNA_N

ClientSampleId :

Tot Ion:128 Resp: 910723

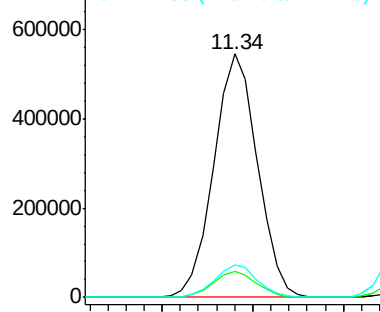
Ion	Ratio	Lower	Upper
128	100		
129	10.8	8.7	13.1
127	13.2	10.6	16.0



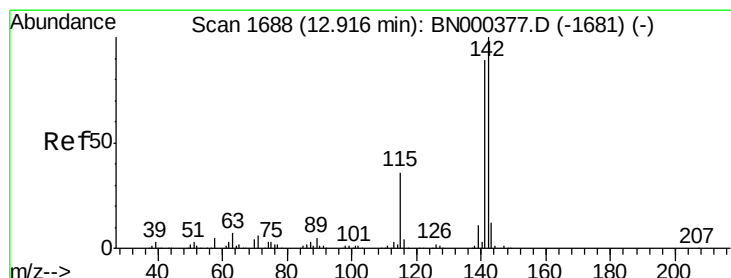
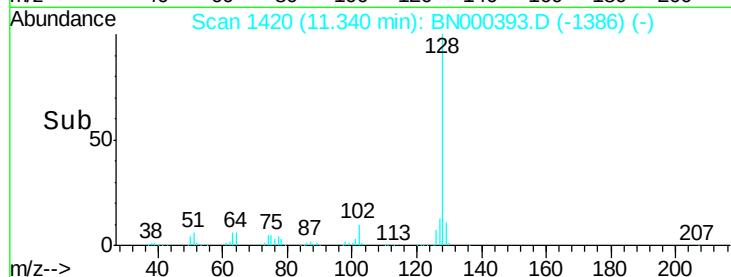
Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



Time-->



#4

2-Methylnaphthalene

Concen: 19.031 ng/ul

RT: 12.92 min Scan# 1688

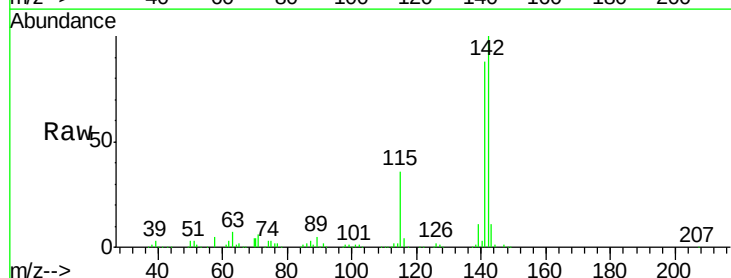
Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

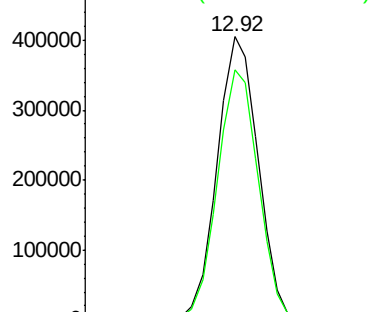
Tgt Ion:142 Resp: 635337

Ion	Ratio	Lower	Upper
142	100		
141	88.3	72.7	109.1

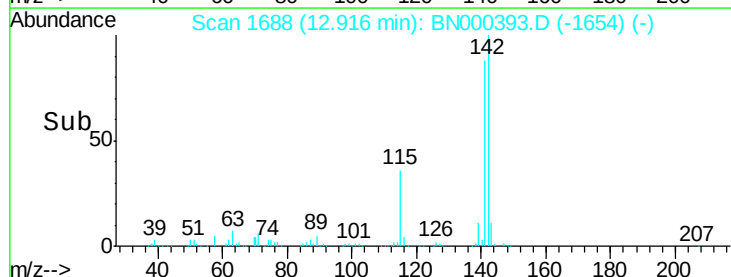


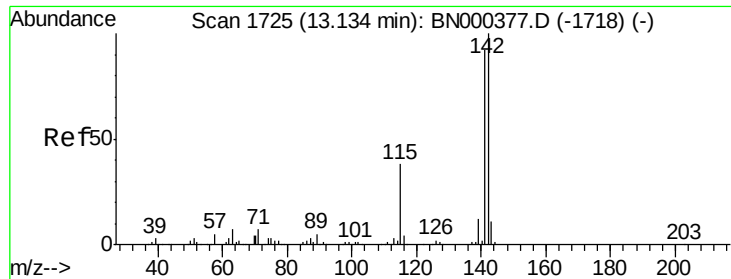
Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E



Time-->





#5

1-Methylnaphthalene

Concen: 19.016 ng/ul

RT: 13.13 min Scan# 1725

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

Instrument :

BNA_N

ClientSampled :

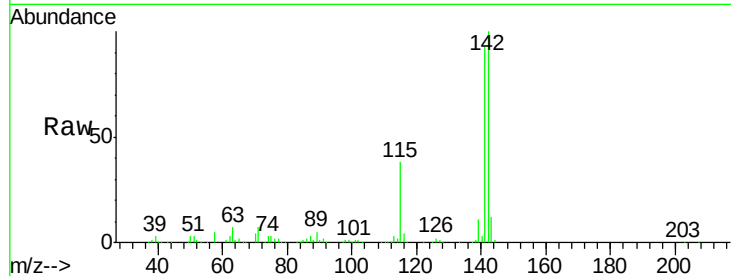
Tot Ion:142 Resp: 637086

Ion Ratio Lower Upper

142 100

141 93.4 79.3 118.9

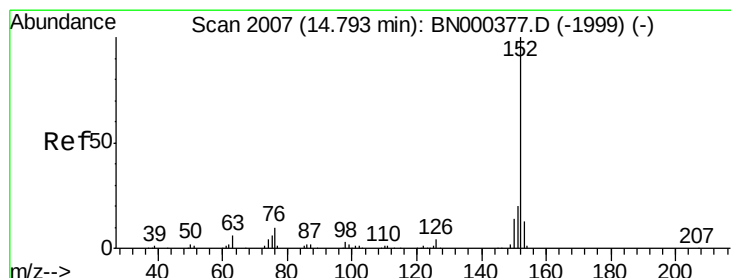
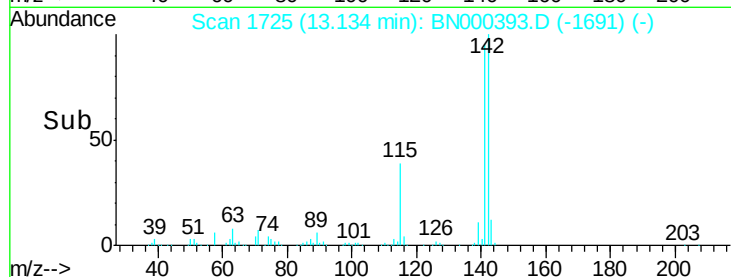
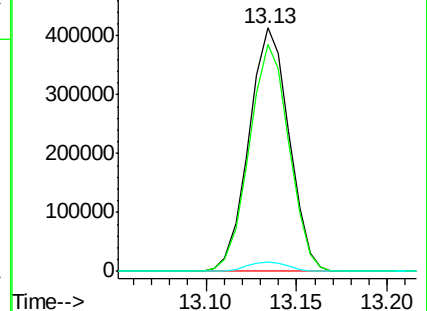
116 4.1 4.2 6.2#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#8

Acenaphthylene

Concen: 19.788 ng/ul

RT: 14.79 min Scan# 2007

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

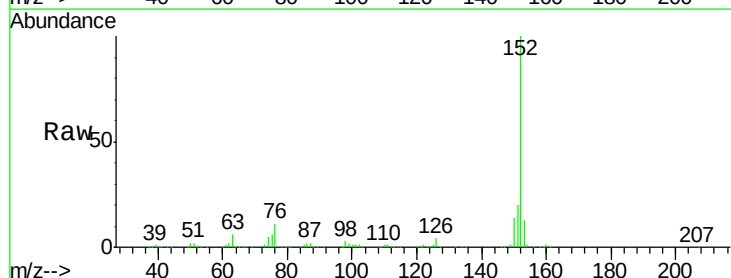
Tgt Ion:152 Resp: 1031975

Ion Ratio Lower Upper

152 100

151 19.8 16.7 25.1

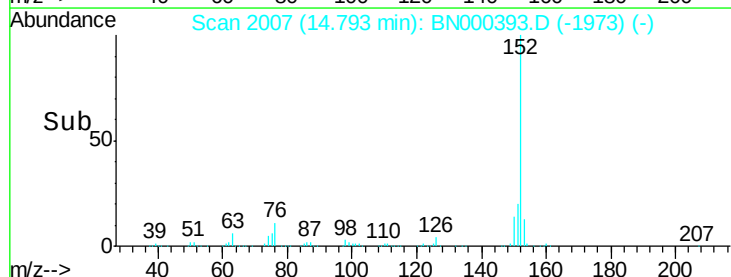
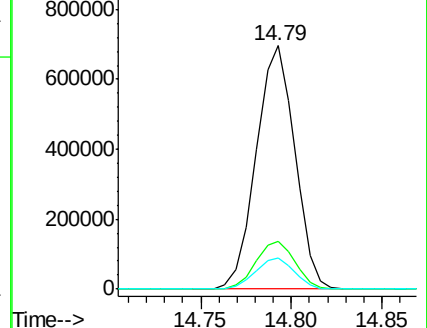
153 12.8 10.2 15.4

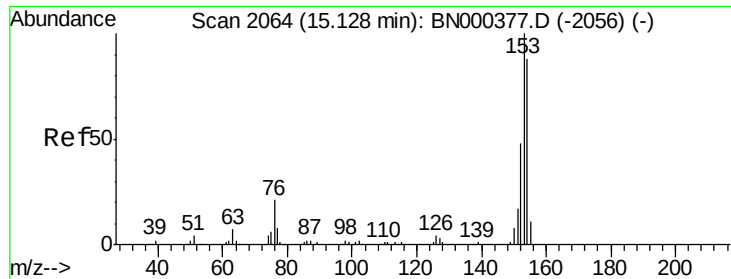


Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E





#9

Acenaphthene

Concen: 19.348 ng/ul

RT: 15.13 min Scan# 2064

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

Instrument :

BNA_N

ClientSampleId :

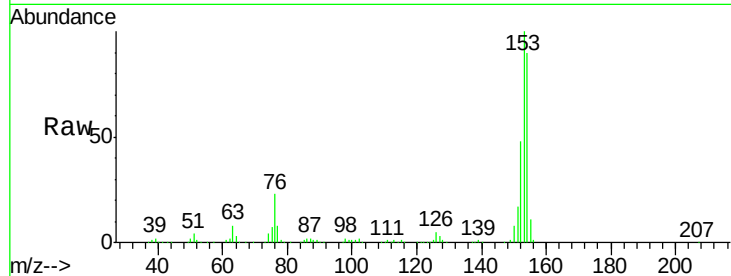
Tot Ion:153 Resp: 702272

Ion Ratio Lower Upper

153 100

152 47.7 39.0 58.6

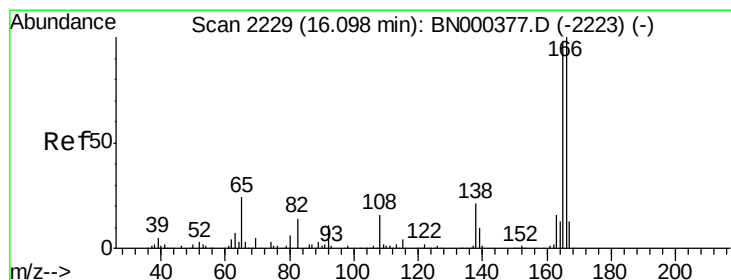
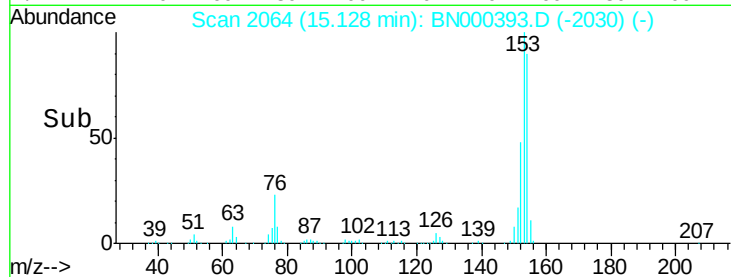
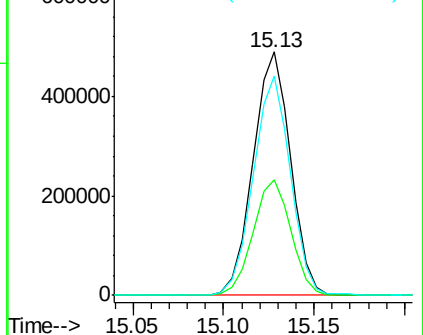
154 90.1 66.8 100.2



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



#11

Fluorene

Concen: 19.873 ng/ul

RT: 16.10 min Scan# 2229

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

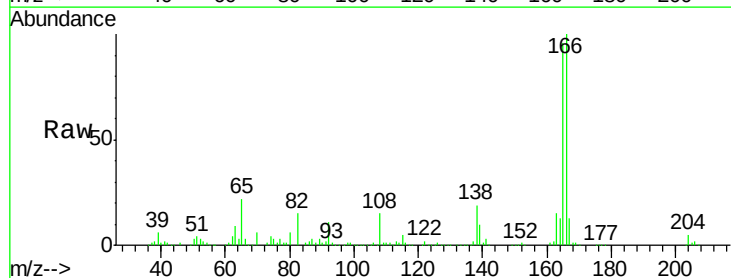
Tgt Ion:166 Resp: 795586

Ion Ratio Lower Upper

166 100

165 96.2 83.8 125.8

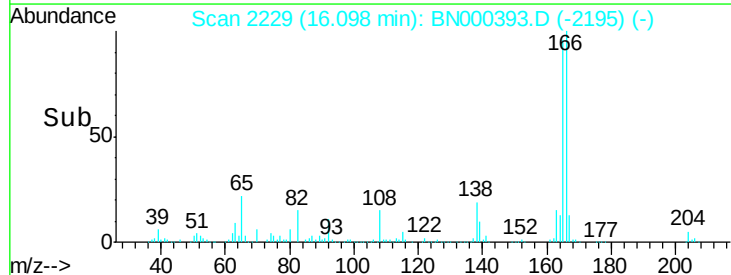
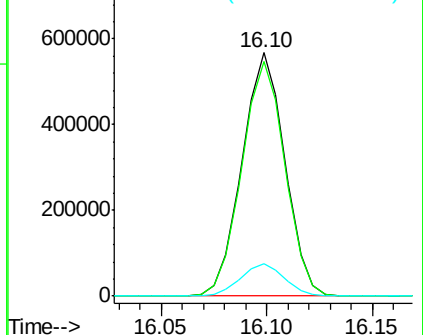
167 13.2 11.5 17.3

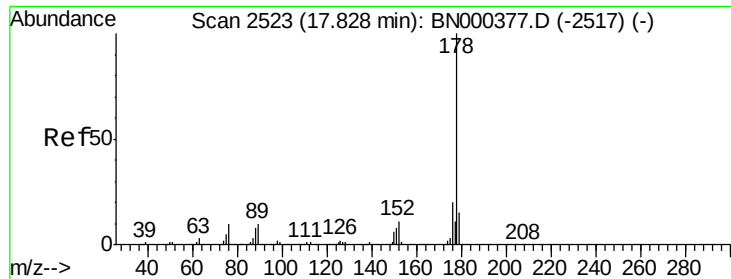


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

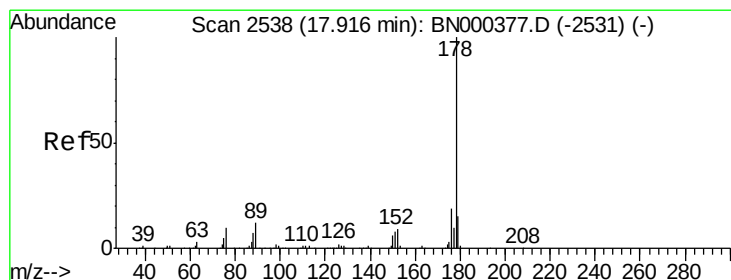
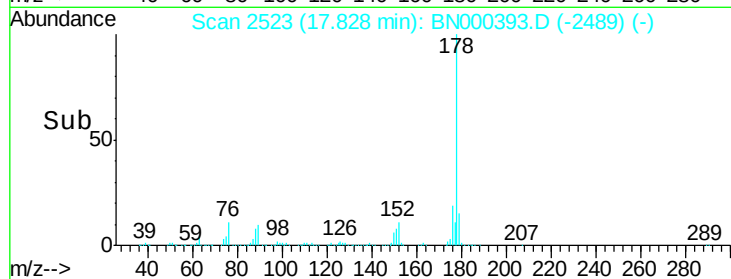
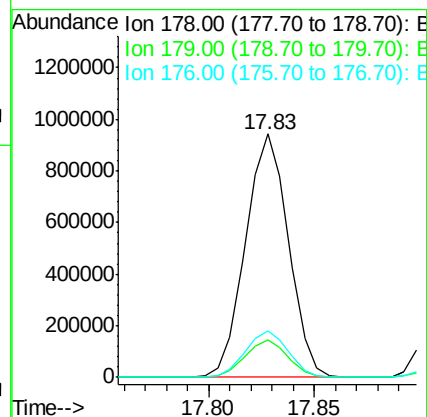
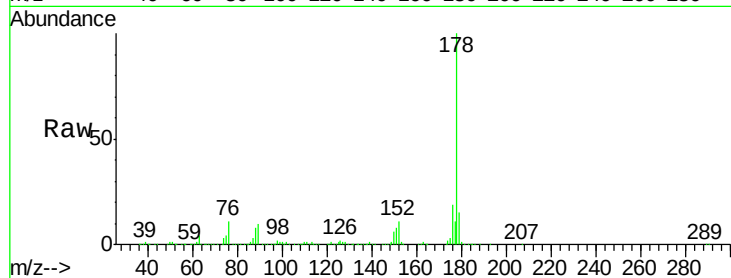




#13
Phenanthrene
Concen: 19.227 ng/ul
RT: 17.83 min Scan# 2523
Delta R.T. 0.00 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

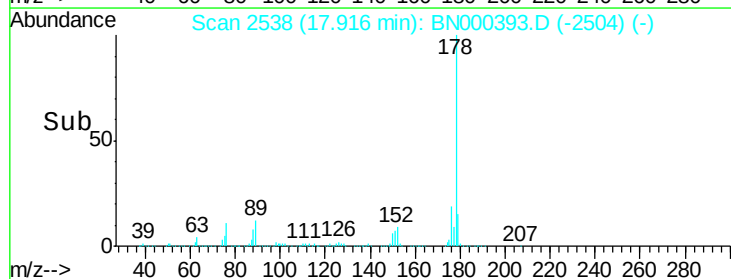
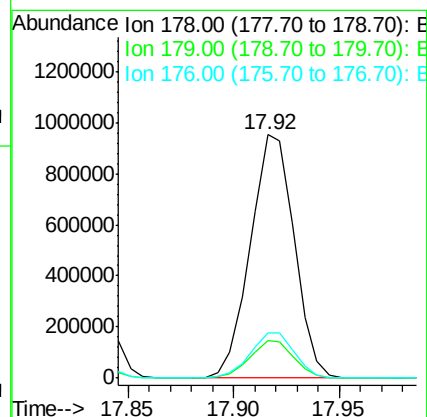
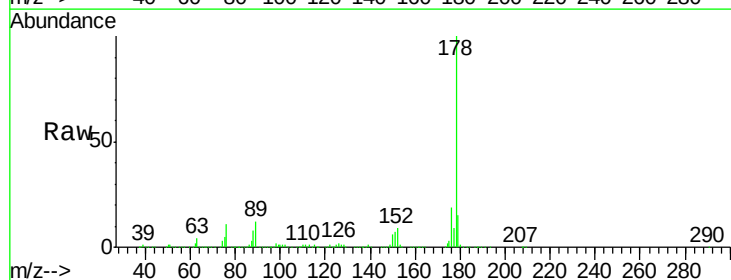
Instrument :
BNA_N
ClientSampleId :

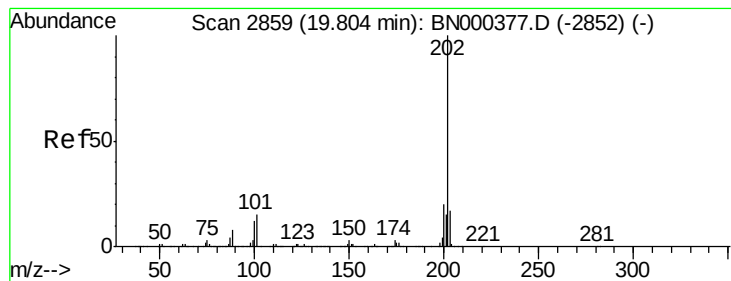
Tot Ion:178 Resp: 1325577
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.1 15.1 22.7



#15
Anthracene
Concen: 19.644 ng/ul
RT: 17.92 min Scan# 2538
Delta R.T. 0.00 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

Tgt Ion:178 Resp: 1374228
Ion Ratio Lower Upper
178 100
179 15.4 11.8 17.8
176 18.8 15.2 22.8





#16

Fluoranthene

Concen: 21.059 ng/ul

RT: 19.80 min Scan# 2859

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

Instrument :

BNA_N

ClientSampleId :

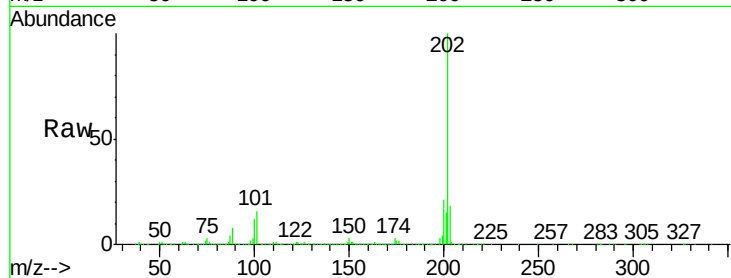
Tot Ion:202 Resp: 1568701

Ion Ratio Lower Upper

202 100

101 15.6 9.9 14.9#

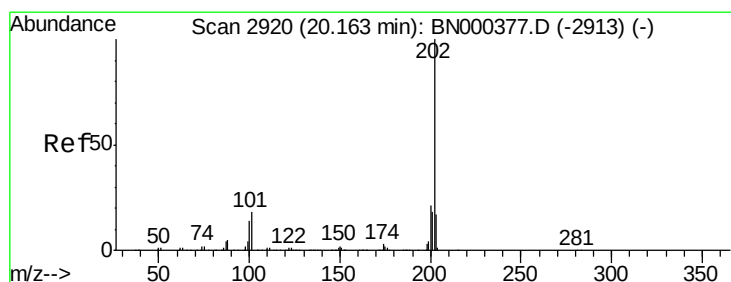
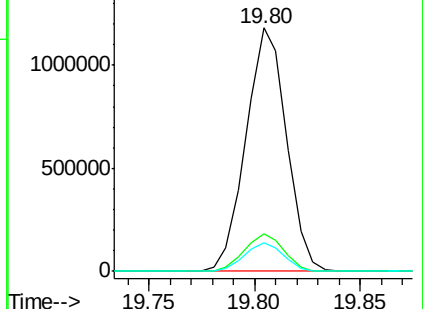
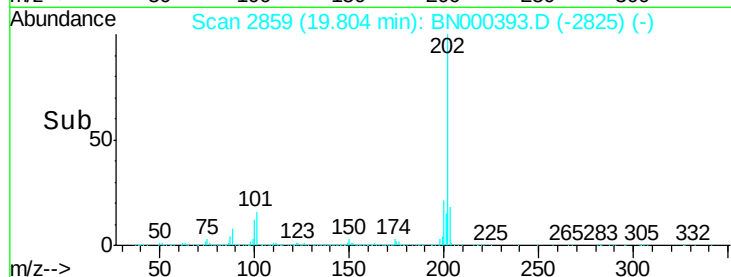
100 12.0 7.4 11.0#



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



#19

Pyrene

Concen: 21.558 ng/ul

RT: 20.16 min Scan# 2920

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

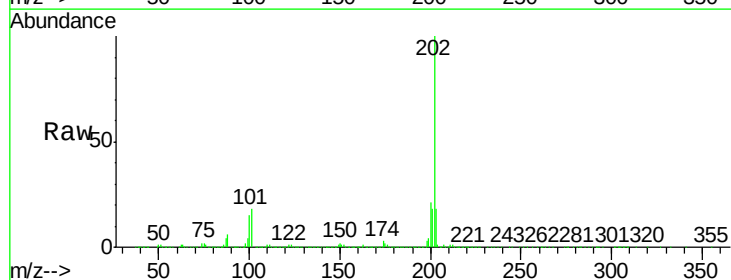
Tgt Ion:202 Resp: 1586038

Ion Ratio Lower Upper

202 100

101 18.1 11.0 16.4#

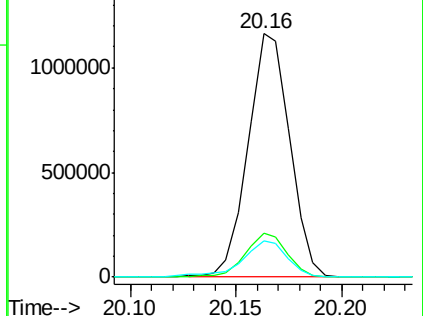
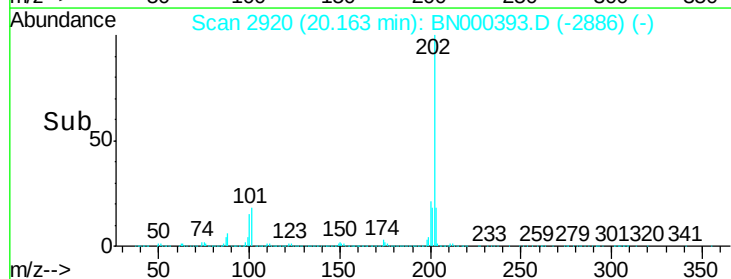
100 15.1 8.1 12.1#

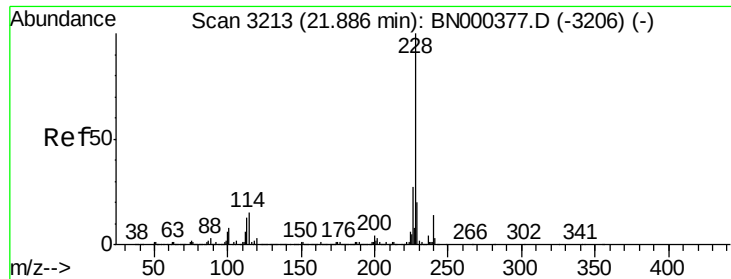


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

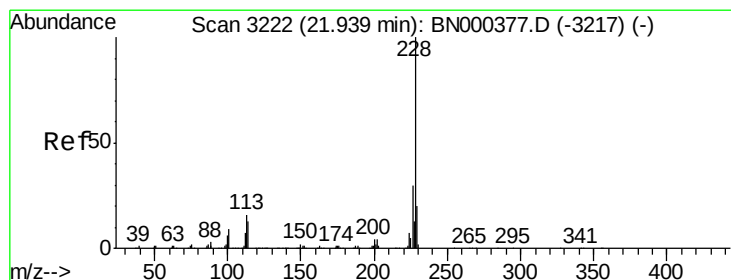
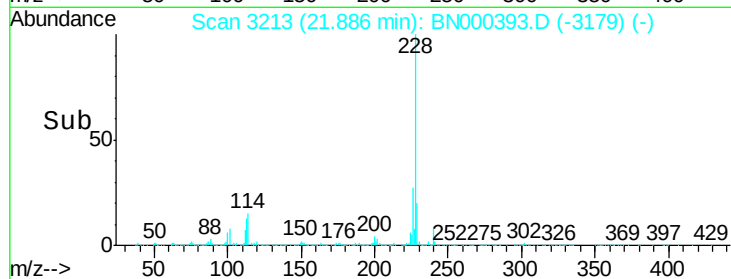
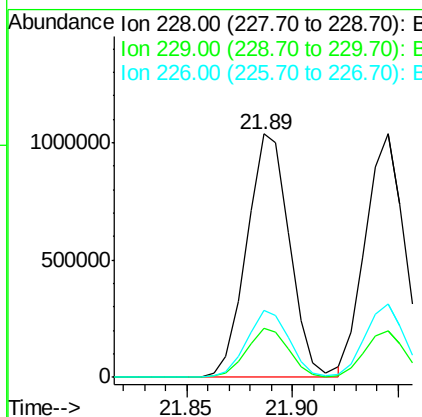
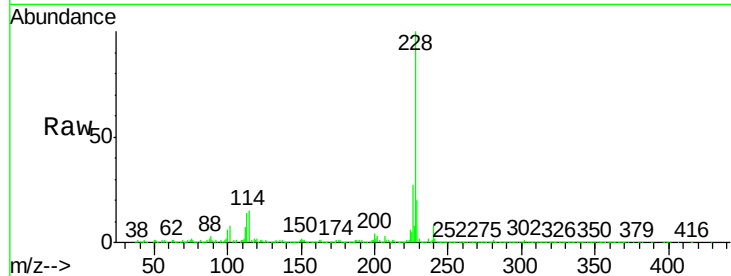




#20
Benzo(a)anthracene
Concen: 20.216 ng/ul
RT: 21.89 min Scan# 3213
Delta R.T. 0.00 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

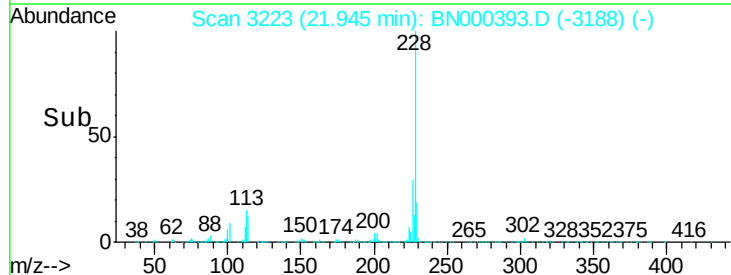
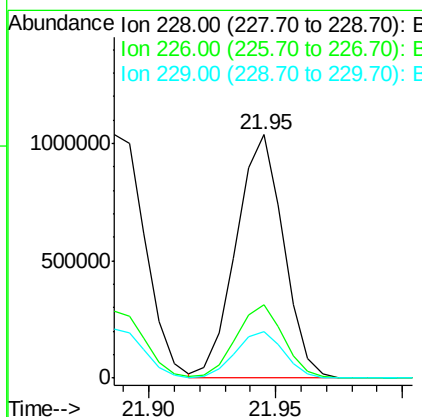
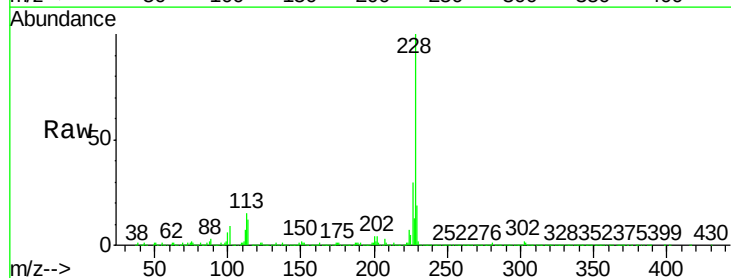
Instrument :
BNA_N
ClientSampled :

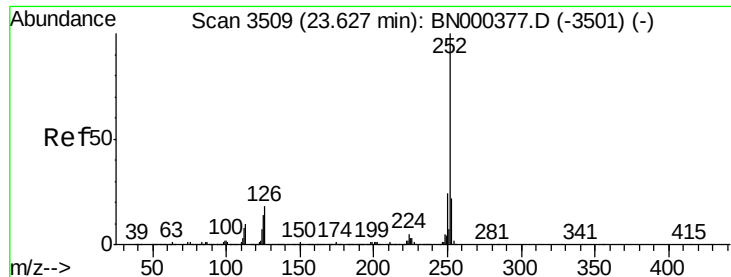
Tot Ion:228 Resp: 1464488
Ion Ratio Lower Upper
228 100
229 20.1 15.7 23.5
226 27.4 21.1 31.7



#21
Chrysene
Concen: 19.516 ng/ul
RT: 21.95 min Scan# 3223
Delta R.T. 0.01 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

Tgt Ion:228 Resp: 1341678
Ion Ratio Lower Upper
228 100
226 30.3 24.5 36.7
229 19.1 15.8 23.8





#23

Benzo(b)fluoranthene

Concen: 20.112 ng/ul

RT: 23.63 min Scan# 3510

Delta R.T. 0.01 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

Instrument :

BNA_N

ClientSampled :

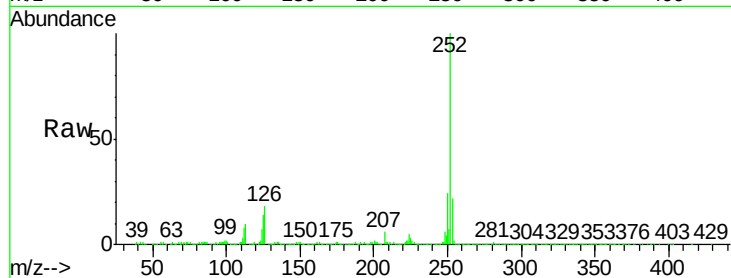
Tot Ion:252 Resp: 1301986

Ion Ratio Lower Upper

252 100

253 21.9 18.0 27.0

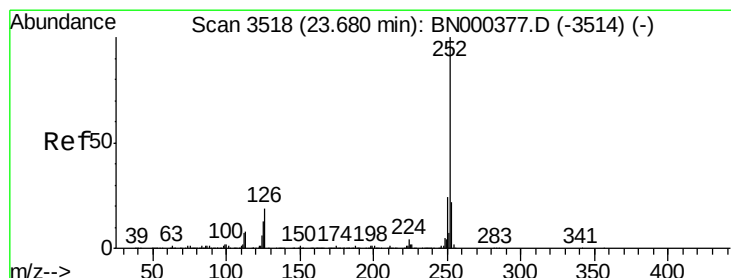
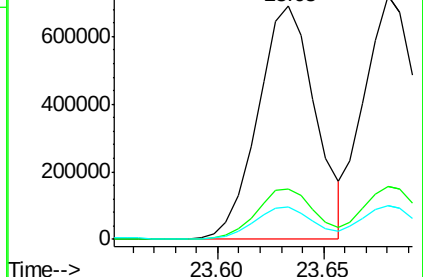
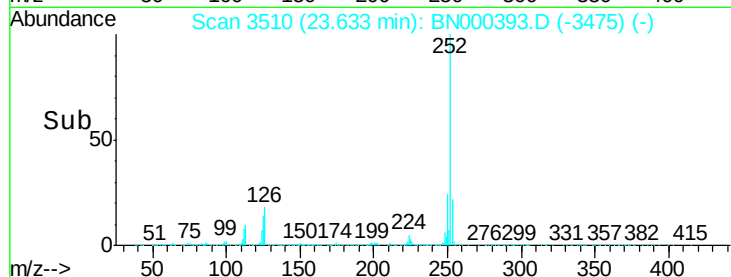
125 14.0 8.0 12.0#



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

Benzo(k)fluoranthene

Concen: 19.255 ng/ul

RT: 23.68 min Scan# 3518

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

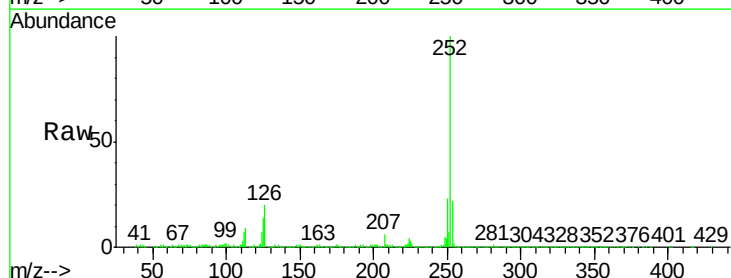
Tgt Ion:252 Resp: 1166842

Ion Ratio Lower Upper

252 100

253 22.0 18.0 27.0

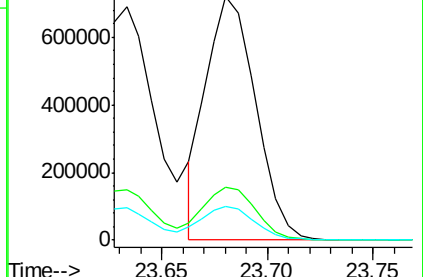
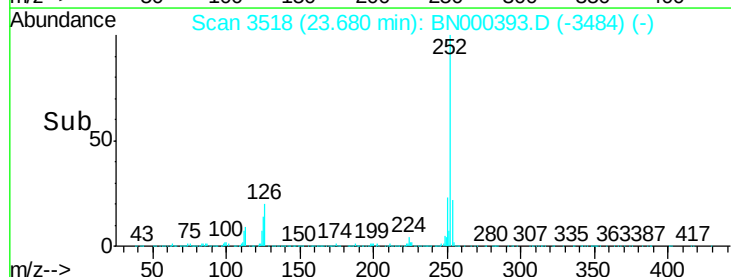
125 13.9 8.1 12.1#

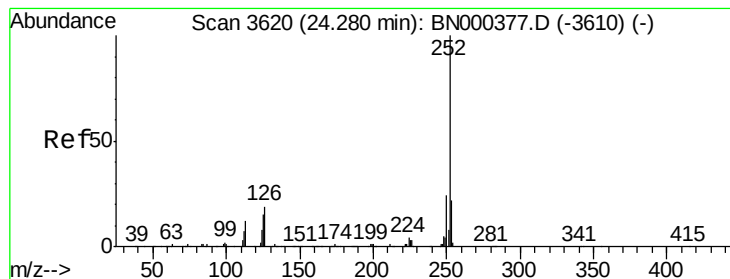


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 19.647 ng/ul

RT: 24.28 min Scan# 3620

Delta R.T. 0.00 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

Instrument :

BNA_N

ClientSampleId :

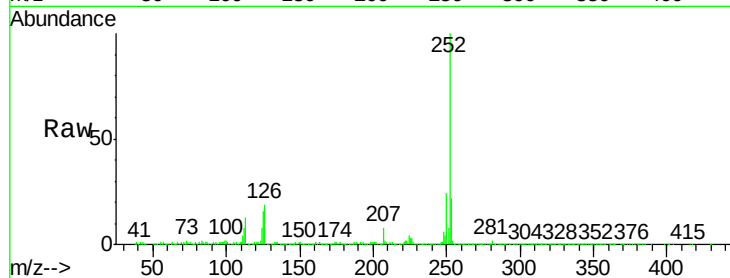
Tot Ion:252 Resp: 1210485

Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.2	25.8
125	15.6	8.2	12.4

252 100

253 21.6 17.2 25.8

125 15.6 8.2 12.4

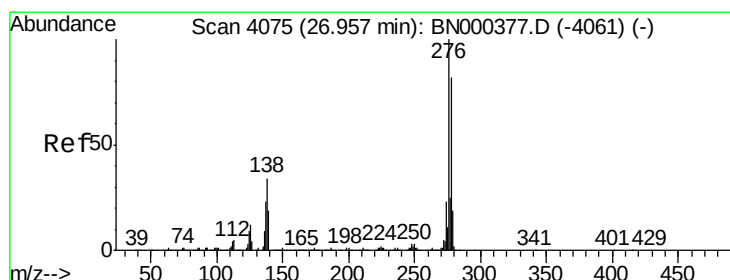
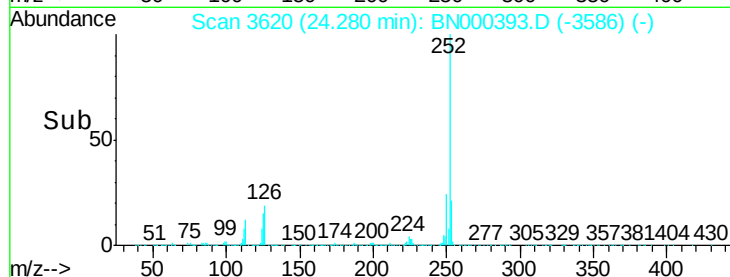
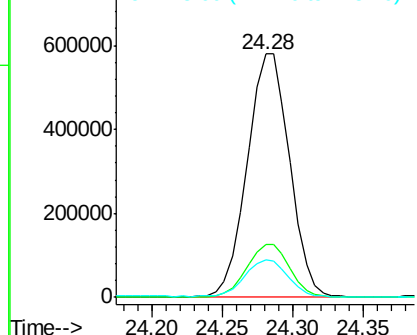


Abundance

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



#27

Indeno(1,2,3-cd)pyrene

Concen: 20.183 ng/ul

RT: 26.96 min Scan# 4076

Delta R.T. 0.01 min

Lab File: BN000393.D

Acq: 15 Mar 2018 02:00

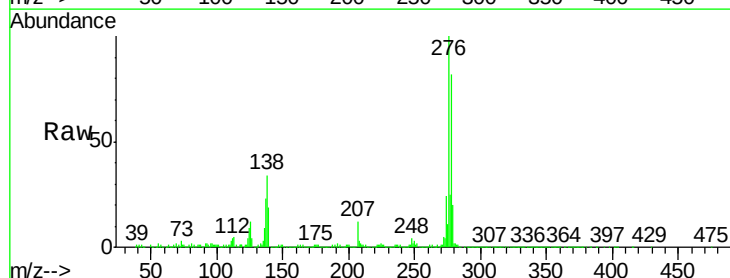
Tgt Ion:276 Resp: 1340829

Ion	Ratio	Lower	Upper
276	100		
138	33.6	14.4	21.6
277	25.1	18.0	27.0

276 100

138 33.6 14.4 21.6

277 25.1 18.0 27.0

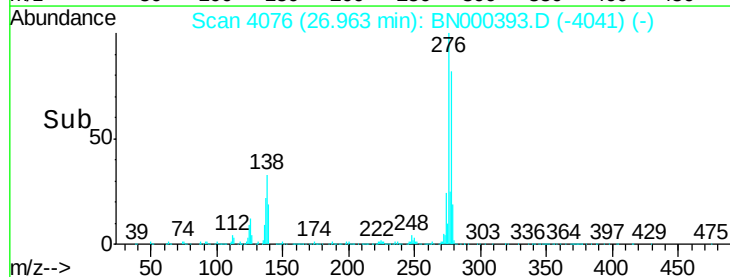
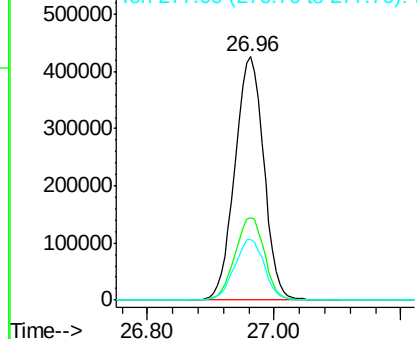


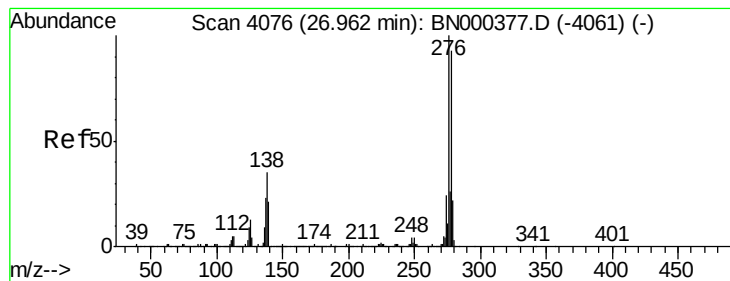
Abundance

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



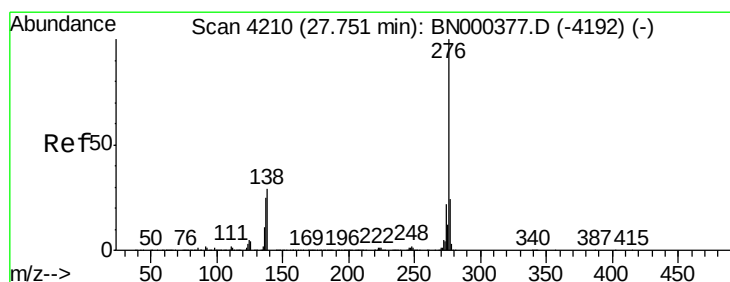
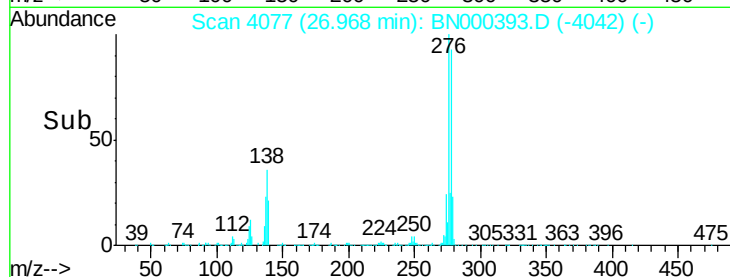
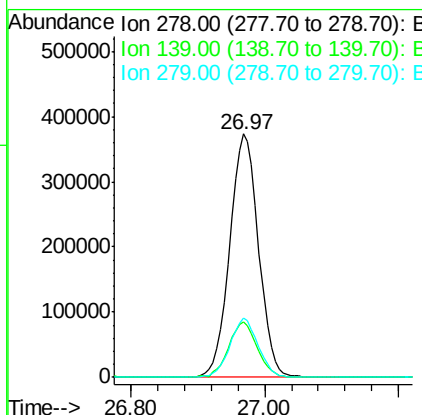
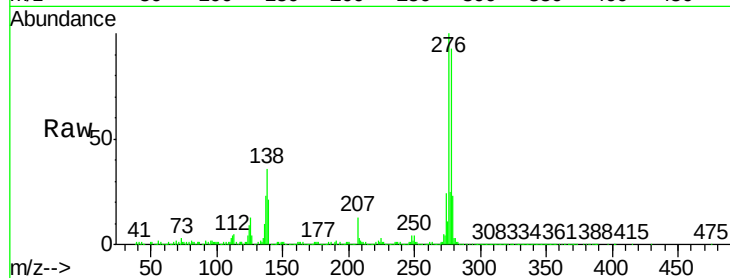


#28

Dibenzo(a,h)anthracene
Concen: 20.533 ng/ul
RT: 26.97 min Scan# 4077
Delta R.T. 0.01 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

Instrument :
BNA_N
ClientSampleId :

Tot Ion:278 Resp: 1118083
Ion Ratio Lower Upper
278 100
139 22.8 12.2 18.4#
279 24.2 19.2 28.8



#29

Benzo(g,h,i)perylene
Concen: 20.006 ng/ul
RT: 27.76 min Scan# 4211
Delta R.T. 0.01 min
Lab File: BN000393.D
Acq: 15 Mar 2018 02:00

Tgt Ion:276 Resp: 1109710
Ion Ratio Lower Upper
276 100
138 29.3 15.3 22.9#
277 23.2 19.0 28.4

