

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042418\
 Data File : BN000877.D
 Acq On : 25 Apr 2018 06:40
 Operator : JU/SJ
 Sample : J2444-05
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 25 08:38:32 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 25 08:30:17 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	163407	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	687096	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.25	164	326378	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	645556	20.00	ng/ul	0.00
17) Chrysene-d12	21.20	240	589861	20.00	ng/ul	0.00
22) Perylene-d12	23.39	264	648792	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.94	160	675727	21.56	ng/ul	0.00
10) Fluorene-d10	15.25	176	465869	22.27	ng/ul	0.00
14) Anthracene-d10	17.09	188	647072	21.92	ng/ul	0.00
18) Pyrene-d10	19.40	212	682027	22.57	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.26	264	736296	24.02	ng/ul	0.00

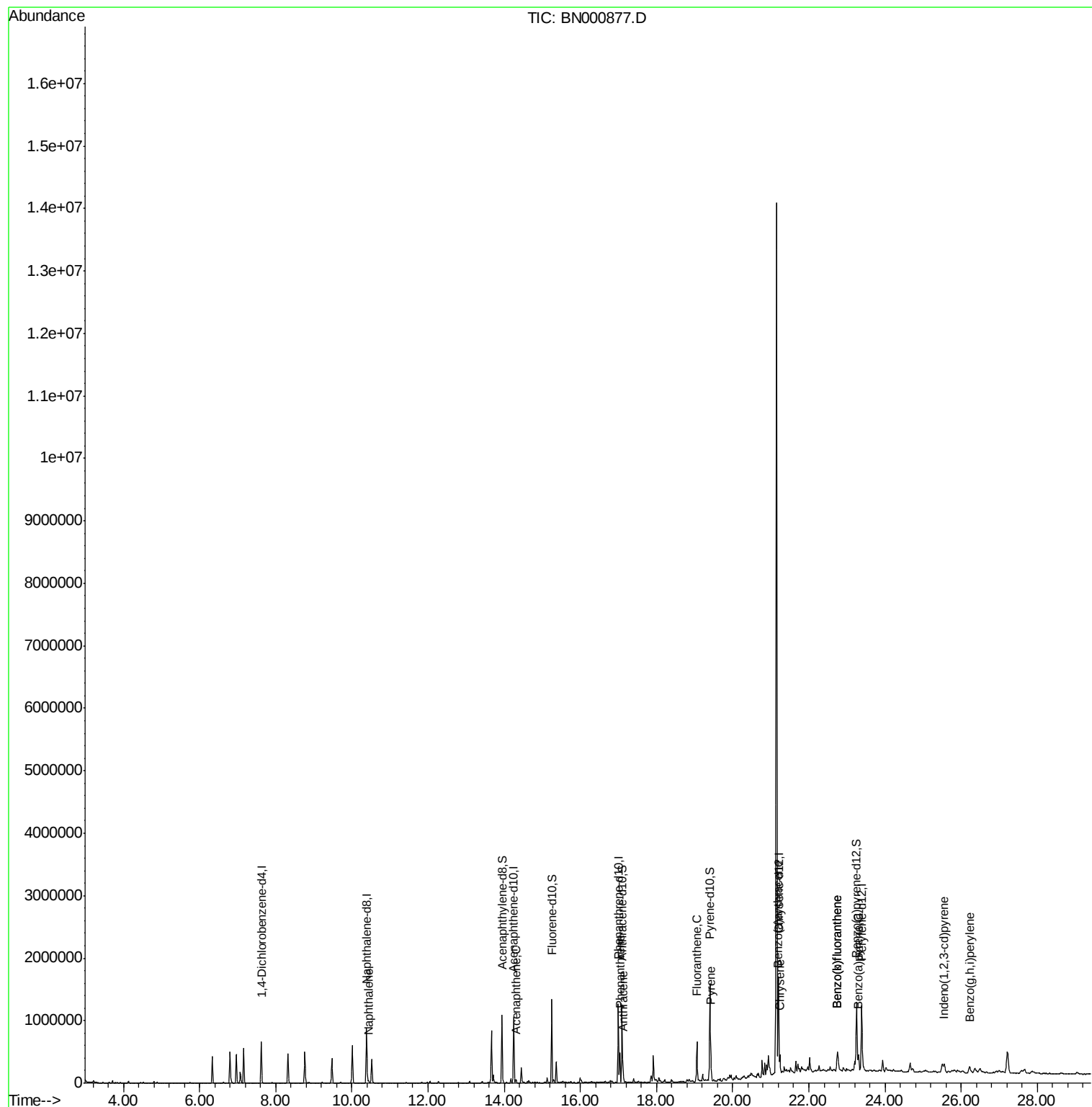
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Naphthalene	10.43	128	37939	1.096	ng/ul	99
9) Acenaphthene	14.31	153	24583	1.147	ng/ul	95
13) Phenanthrene	17.04	178	261007	7.413	ng/ul	99
15) Anthracene	17.13	178	58697	1.662	ng/ul	99
16) Fluoranthene	19.06	202	347477	9.727	ng/ul	95
19) Pyrene	19.43	202	270377	7.136	ng/ul#	90
20) Benzo(a)anthracene	21.19	228	150931	4.280	ng/ul	97
21) Chrysene	21.24	228	142713	4.306	ng/ul	97
23) Benzo(b)fluoranthene	22.74	252	266828	7.237	ng/ul#	95
24) Benzo(k)fluoranthene	22.74	252	271192	7.517	ng/ul#	95
26) Benzo(a)pyrene	23.30	252	131689	3.737	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.56	276	96582	2.269	ng/ul#	91
29) Benzo(a,h,i)perylene	26.22	276	101610	2.854	ng/ul#	92

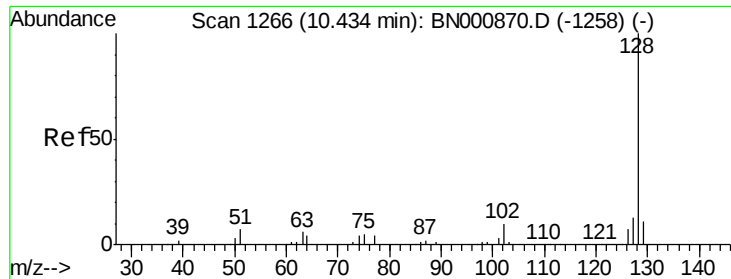
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#3

Naphthalene

Concen: 1.096 ng/ul

RT: 10.43 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

Instrument :

BNA_N

ClientSampleId :

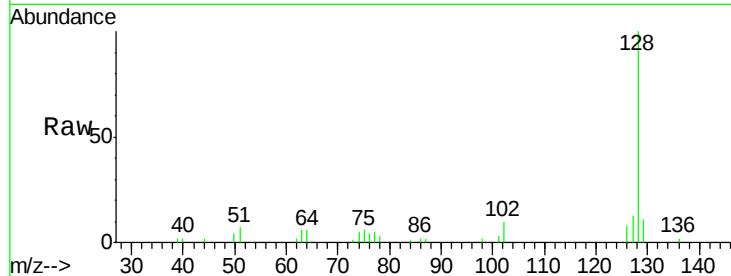
Tot Ion:128 Resp: 37939

Ion Ratio Lower Upper

128 100

129 10.7 8.7 13.1

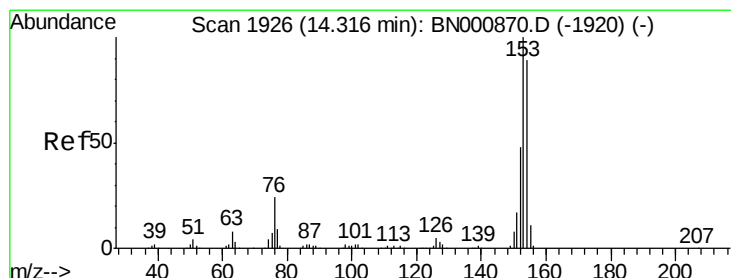
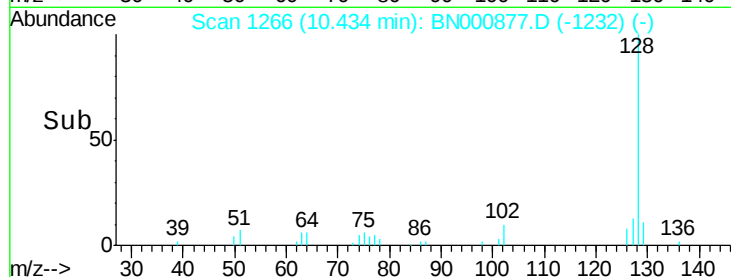
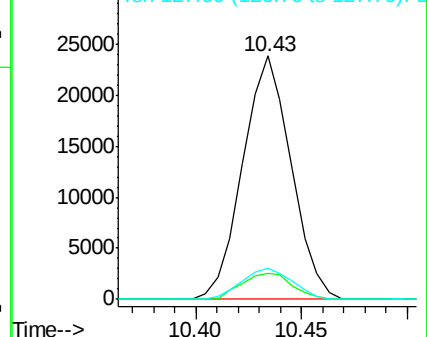
127 12.9 10.6 16.0



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



#9

Acenaphthene

Concen: 1.147 ng/ul

RT: 14.31 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

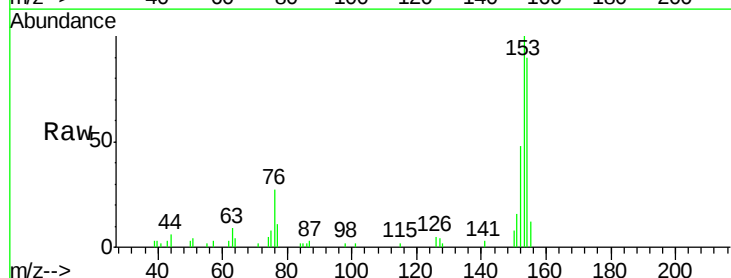
Tgt Ion:153 Resp: 24583

Ion Ratio Lower Upper

153 100

152 48.1 39.0 58.6

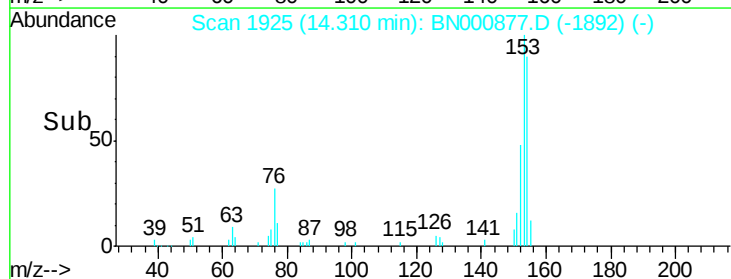
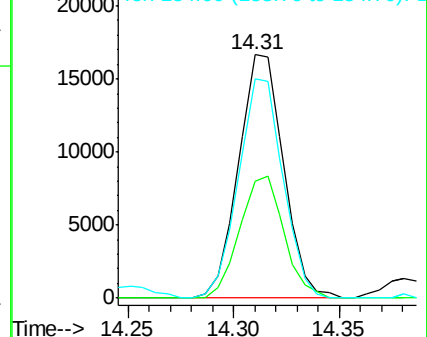
154 90.1 66.8 100.2

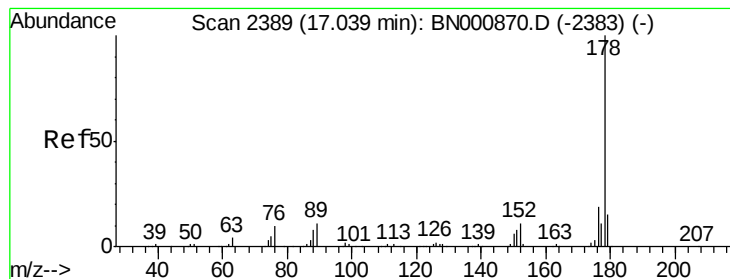


Abundance Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E





#13

Phenanthrene

Concen: 7.413 ng/ul

RT: 17.04 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

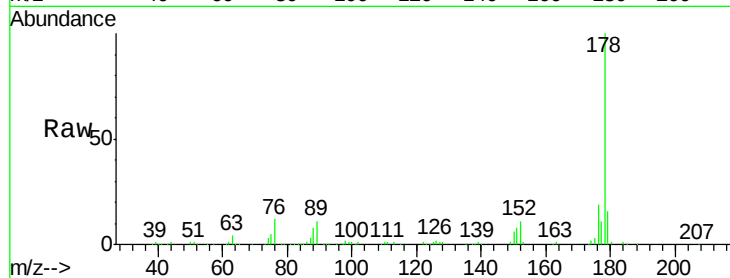
Instrument :

BNA_N

ClientSampleId :

Tot Ion:178 Resp: 261007

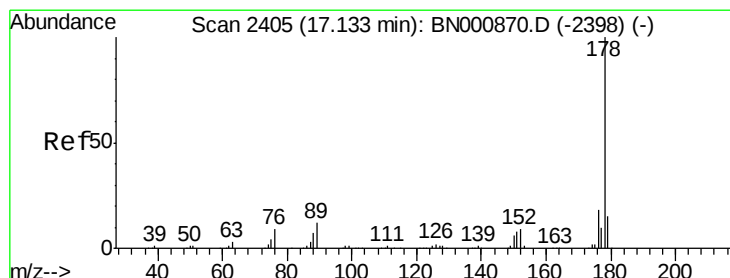
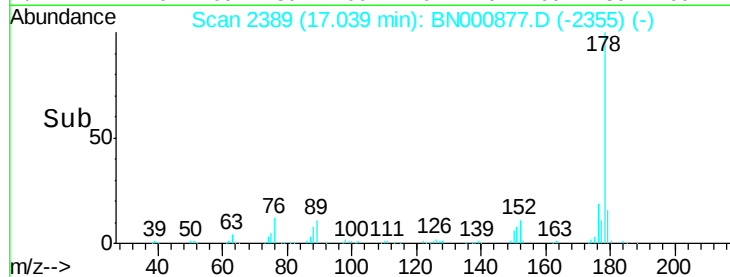
Ion	Ratio	Lower	Upper
178	100		
179	15.7	12.3	18.5
176	19.4	15.1	22.7



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

Anthracene

Concen: 1.662 ng/ul

RT: 17.13 min Scan# 2404

Delta R.T. -0.01 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

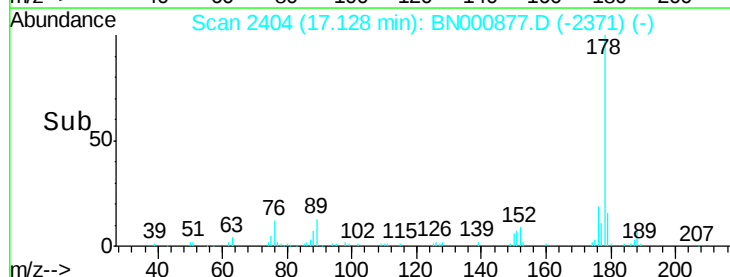
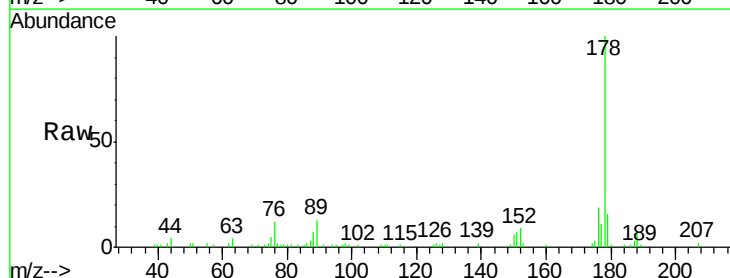
Tgt Ion:178 Resp: 58697

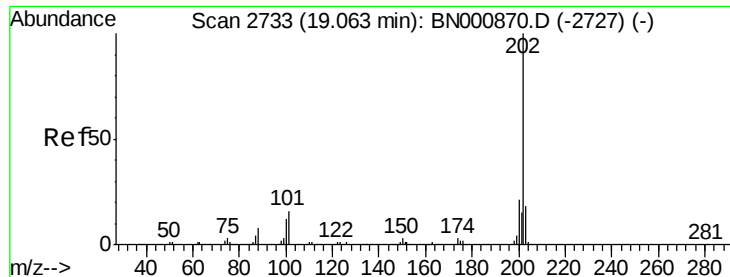
Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	19.2	15.2	22.8

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

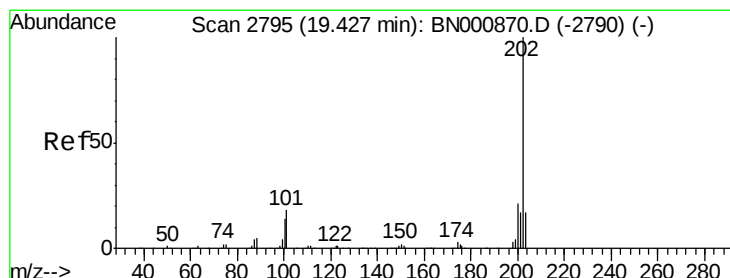
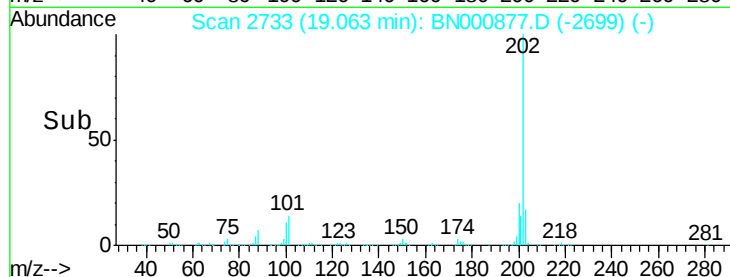
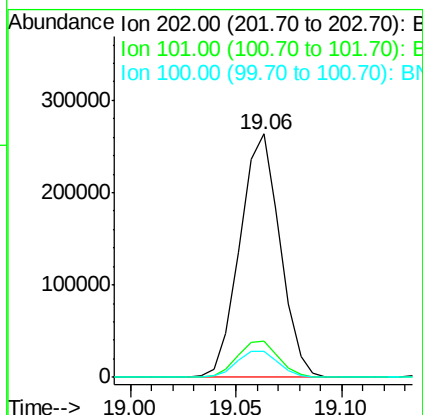
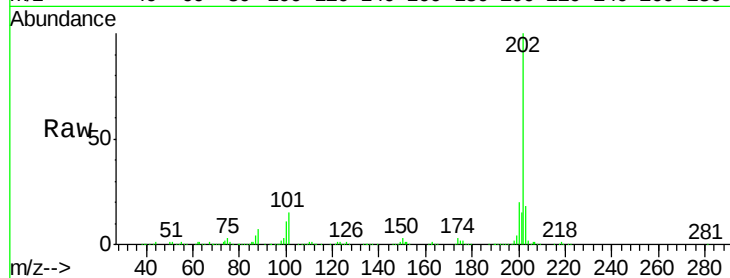




#16
 Fluoranthene
 Concen: 9.727 ng/ul
 RT: 19.06 min Scan# 2733
 Delta R.T. 0.00 min
 Lab File: BN000877.D
 Acq: 25 Apr 2018 06:40

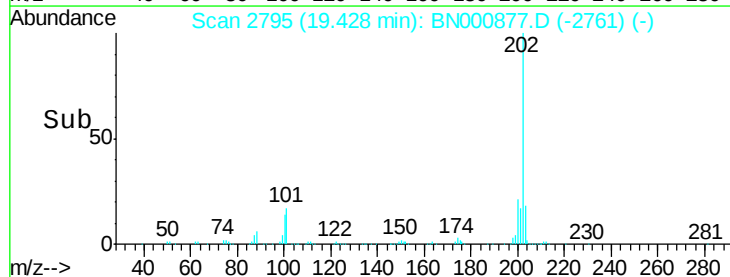
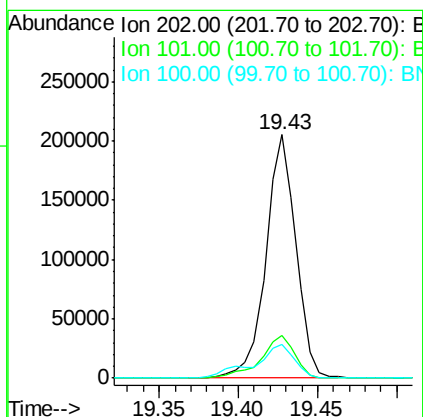
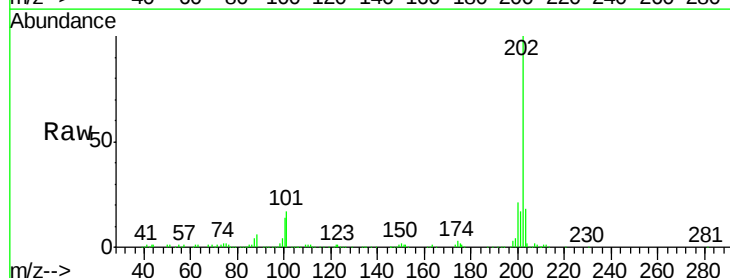
Instrument :
 BNA_N
 ClientSampleId :

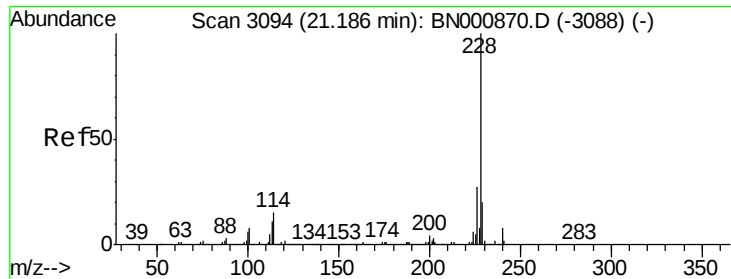
Tot Ion:202 Resp: 347477
 Ion Ratio Lower Upper
 202 100
 101 14.6 9.9 14.9
 100 10.6 7.4 11.0



#19
 Pyrene
 Concen: 7.136 ng/ul
 RT: 19.43 min Scan# 2795
 Delta R.T. 0.00 min
 Lab File: BN000877.D
 Acq: 25 Apr 2018 06:40

Tgt Ion:202 Resp: 270377
 Ion Ratio Lower Upper
 202 100
 101 17.4 11.0 16.4#
 100 14.1 8.1 12.1#

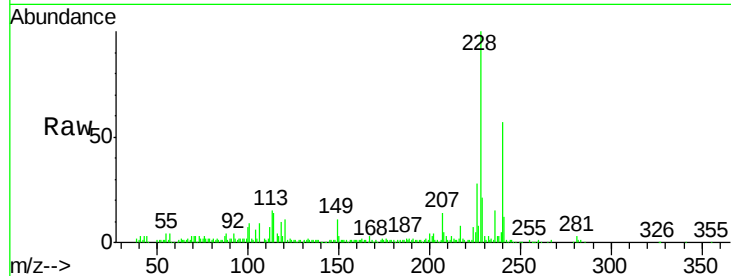




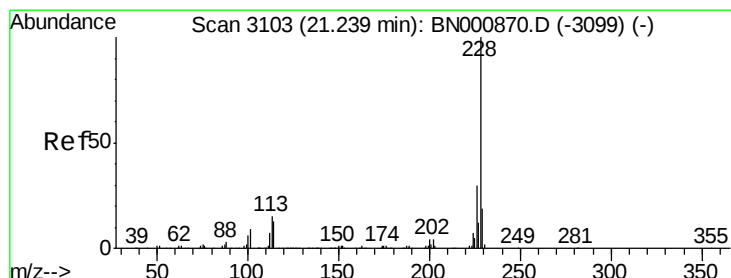
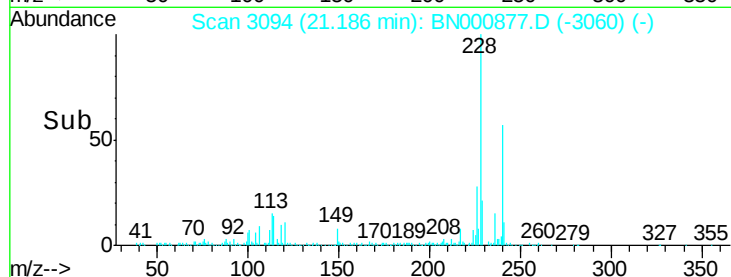
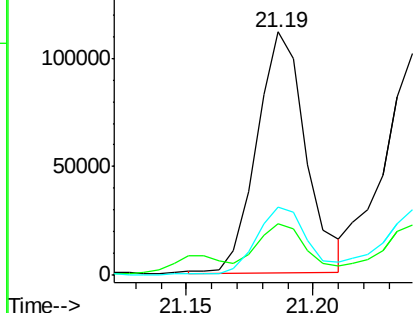
#20
Benzo(a)anthracene
Concen: 4.280 ng/ul
RT: 21.19 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Instrument :
BNA_N
ClientSampleId :

Tot Ion:228 Resp: 150931
Ion Ratio Lower Upper
228 100
229 21.3 15.7 23.5
226 27.9 21.1 31.7

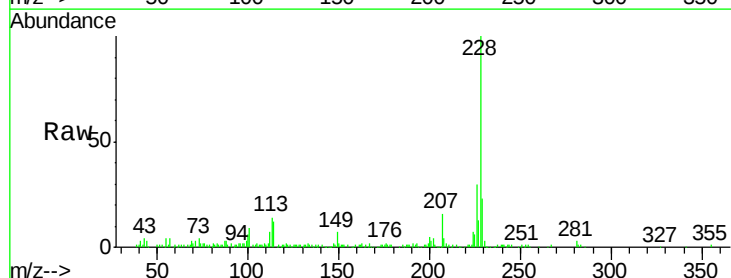


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E

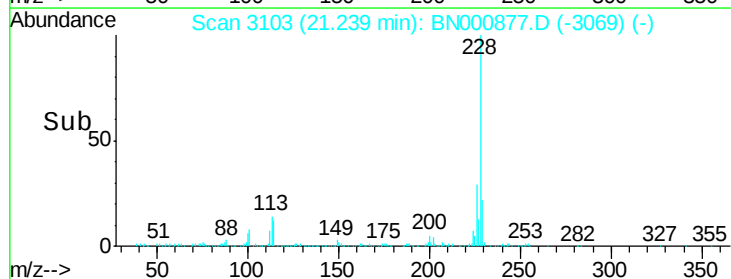
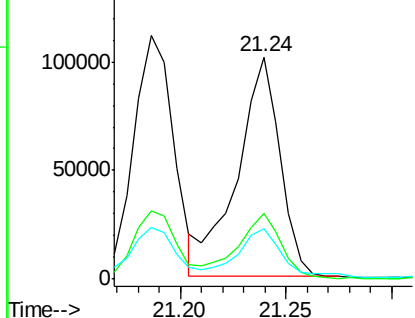


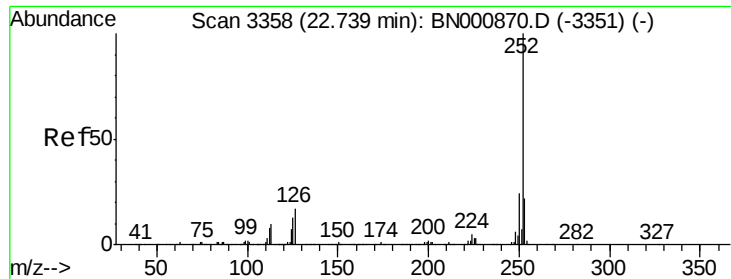
#21
Chrysene
Concen: 4.306 ng/ul
RT: 21.24 min Scan# 3103
Delta R.T. 0.00 min
Lab File: BN000877.D
Acq: 25 Apr 2018 06:40

Tgt Ion:228 Resp: 142713
Ion Ratio Lower Upper
228 100
226 29.6 24.5 36.7
229 22.6 15.8 23.8



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





#23

Benzo(b)fluoranthene

Concen: 7.237 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. 0.00 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

Instrument :

BNA_N

ClientSampleId :

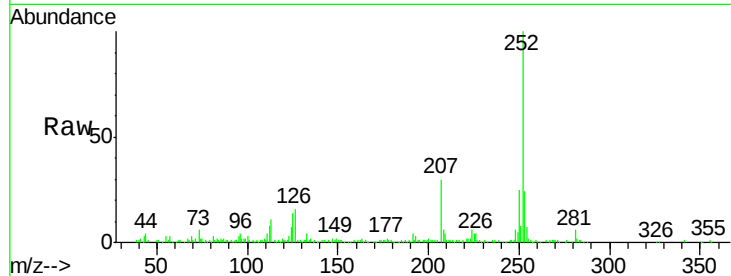
Tot Ion:252 Resp: 266828

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

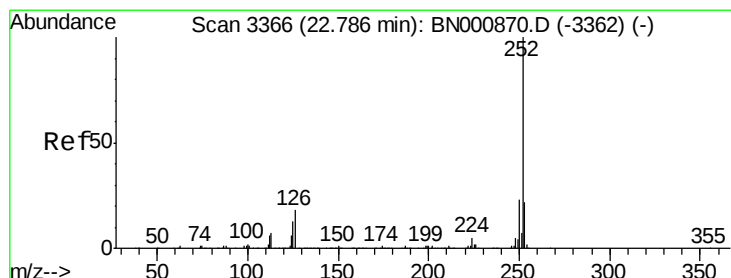
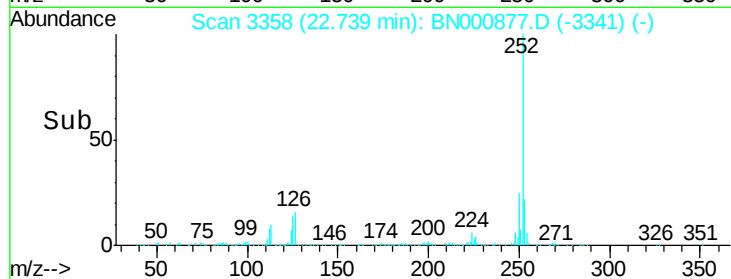
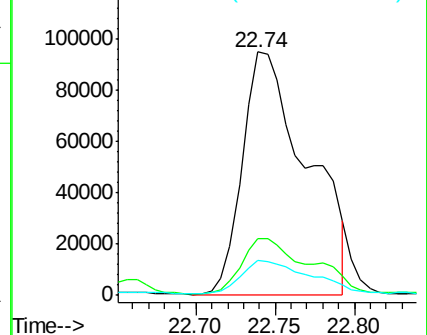
125 14.3 8.0 12.0#



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: 7.517 ng/ul

RT: 22.74 min Scan# 3358

Delta R.T. -0.05 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

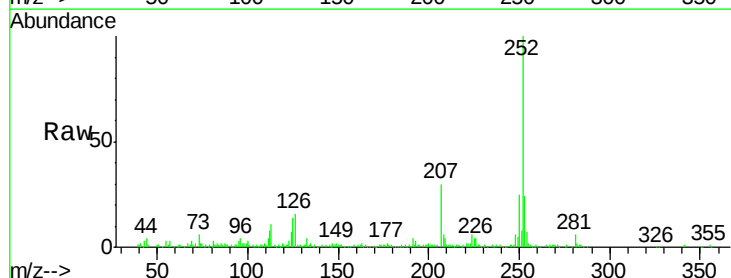
Tgt Ion:252 Resp: 271192

Ion Ratio Lower Upper

252 100

253 23.5 18.0 27.0

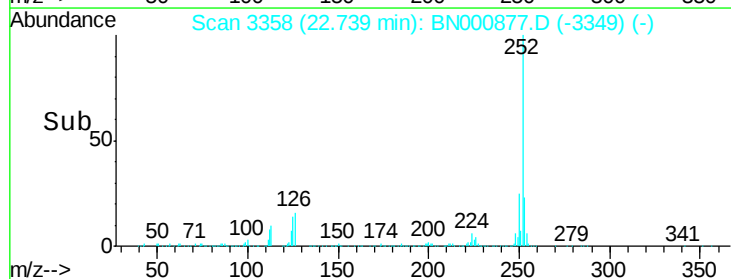
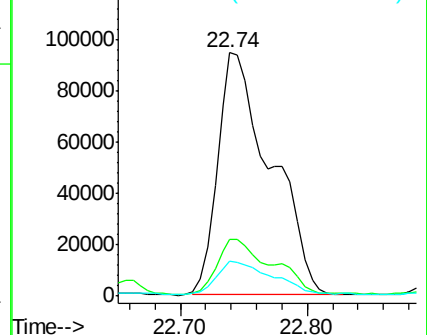
125 14.3 8.1 12.1#

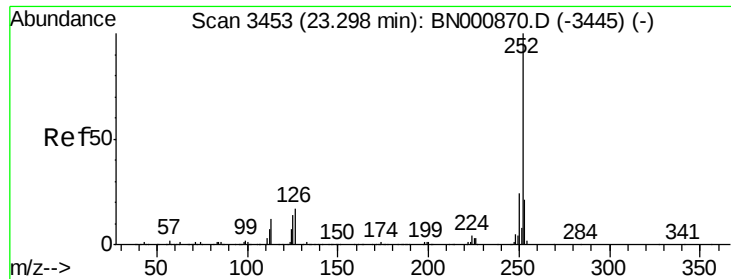


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 3.737 ng/ul

RT: 23.30 min Scan# 3453

Delta R.T. 0.00 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

Instrument :

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ClientSampleId :

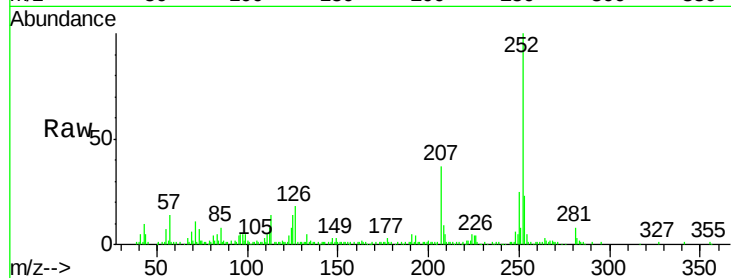
Tot Ion:252 Resp: 131689

Ion Ratio Lower Upper

252 100

253 23.2 17.2 25.8

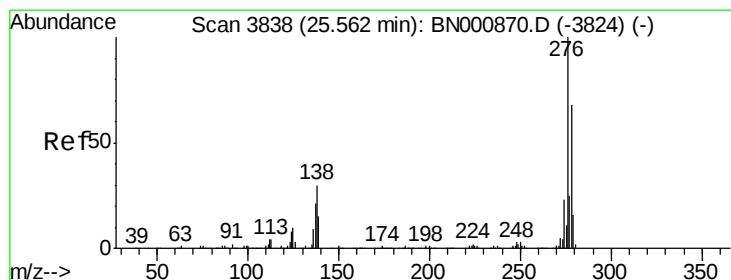
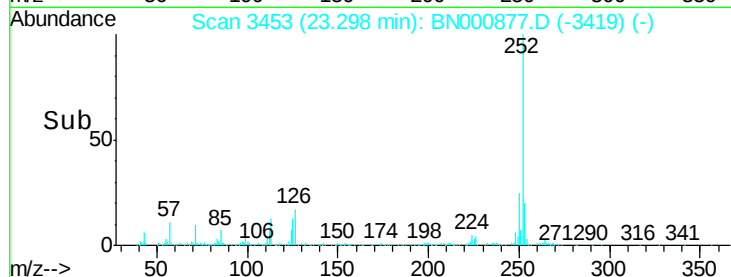
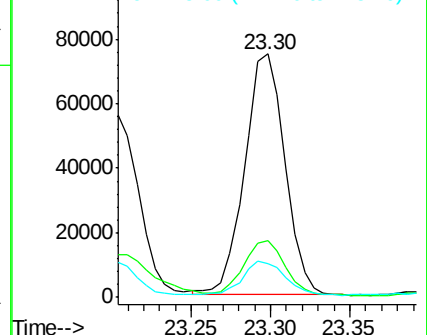
125 14.0 8.2 12.4#



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: 2.269 ng/ul

RT: 25.56 min Scan# 3837

Delta R.T. -0.01 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

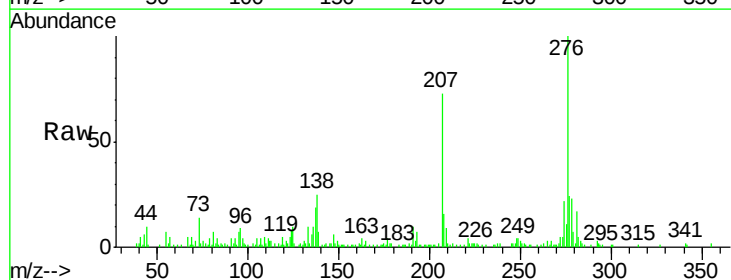
Tgt Ion:276 Resp: 96582

Ion Ratio Lower Upper

276 100

138 24.8 14.4 21.6#

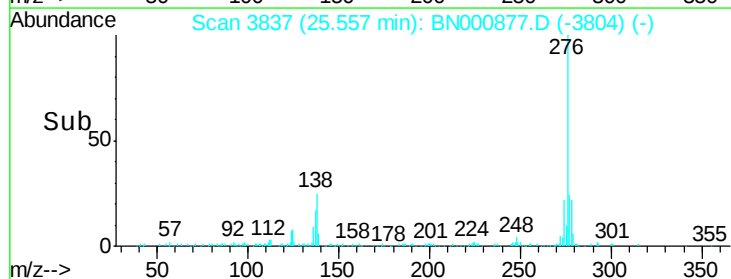
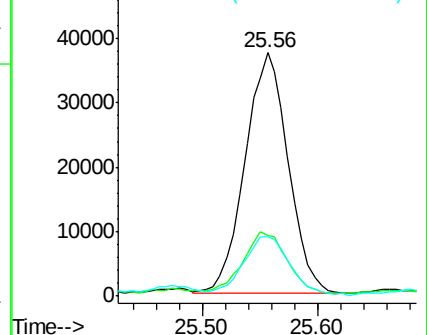
277 24.5 18.0 27.0

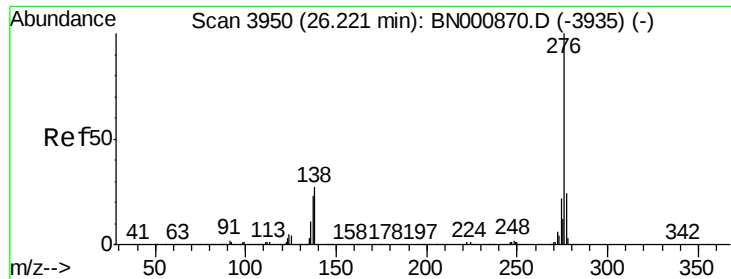


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#29

Benzo(a,h,i)perylene

Concen: 2.854 ng/ul

RT: 26.22 min Scan# 3950

Delta R.T. 0.00 min

Lab File: BN000877.D

Acq: 25 Apr 2018 06:40

Instrument :

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ClientSampleId :

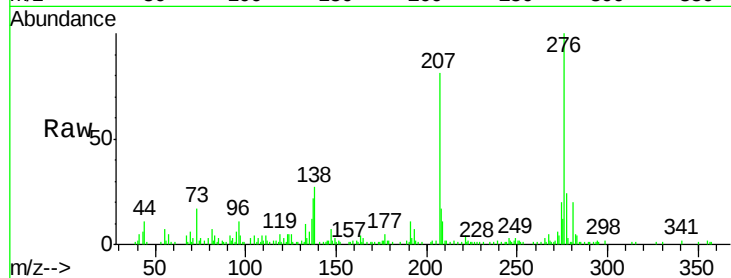
Tot Ion:276 Resp: 101610

Ion Ratio Lower Upper

276 100

138 27.1 15.3 22.9#

277 23.9 19.0 28.4



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

