

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001092.D
 Acq On : 03 May 2018 03:44
 Operator : JU/SJ
 Sample : J2527-03
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:28:43 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

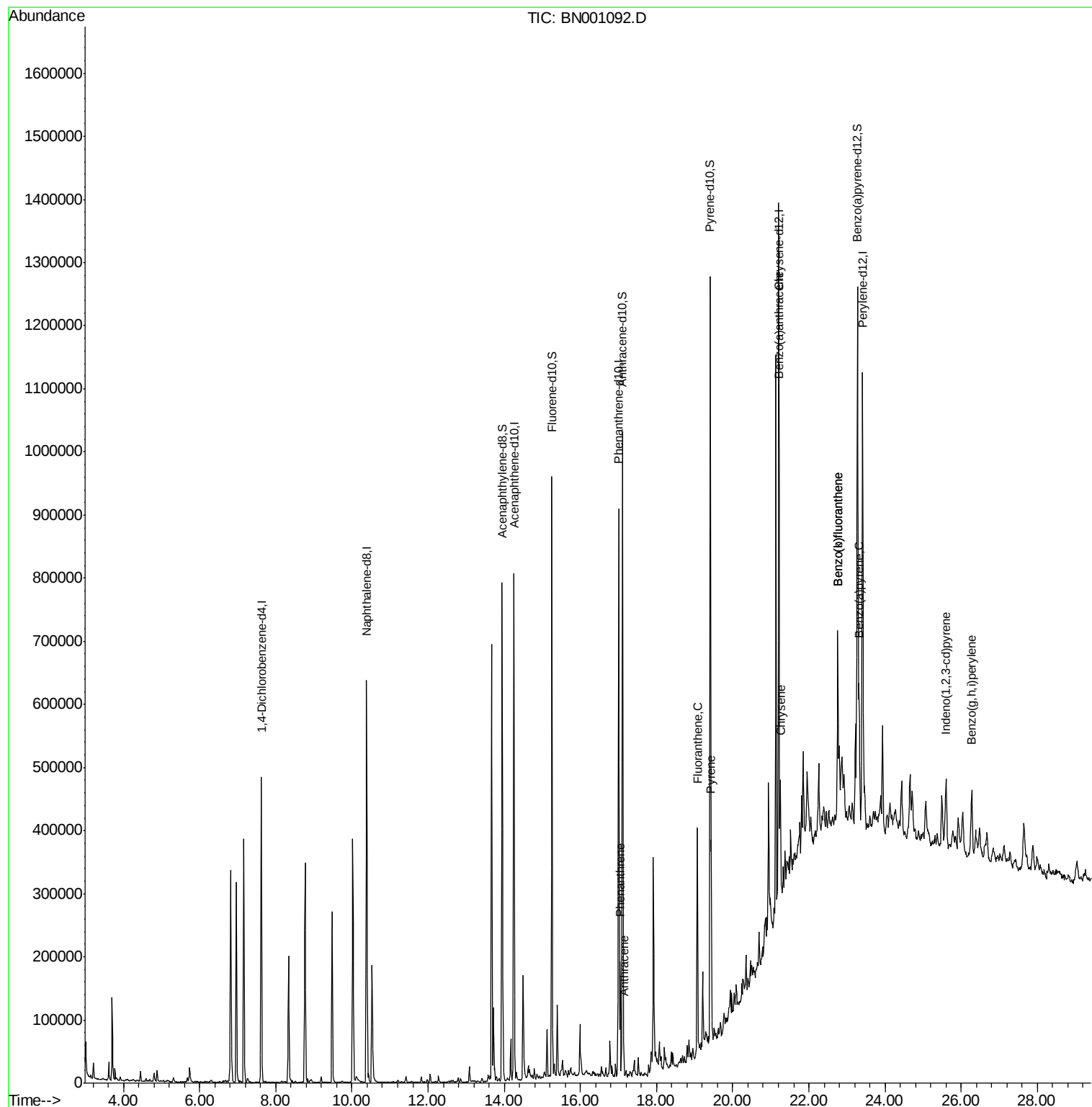
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	119181	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	490995	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	240588	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	474664	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	445361	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	471711	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	498257	21.56	ng/ul	0.00
10) Fluorene-d10	15.25	176	348400	22.59	ng/ul	0.00
14) Anthracene-d10	17.10	188	509795	23.49	ng/ul	0.00
18) Pyrene-d10	19.41	212	533898	23.40	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	568906	25.53	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.05	178	96374	3.723	ng/ul	99
15) Anthracene	17.14	178	31189	1.201	ng/ul	99
16) Fluoranthene	19.07	202	188949	7.194	ng/ul#	94
19) Pyrene	19.44	202	164272	5.743	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	99426	3.735	ng/ul	94
21) Chrysene	21.25	228	103191	4.124	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	165310	6.167	ng/ul#	92
24) Benzo(k)fluoranthene	22.76	252	202310	7.712	ng/ul#	92
26) Benzo(a)pyrene	23.32	252	106452	4.155	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	25.60	276	88521	2.861	ng/ul#	88
29) Benzo(g,h,i)perylene	26.27	276	107519	4.154	ng/ul#	91

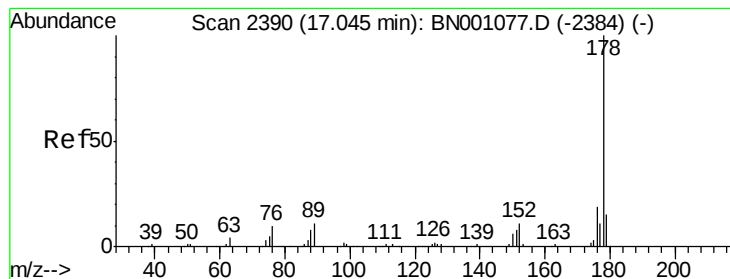
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#13

Phenanthrene

Concen: 3.723 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

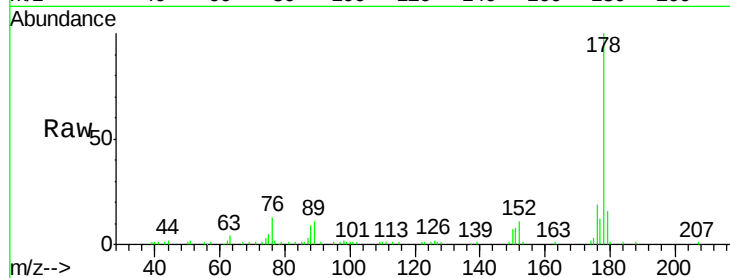
Tot Ion:178 Resp: 96374

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

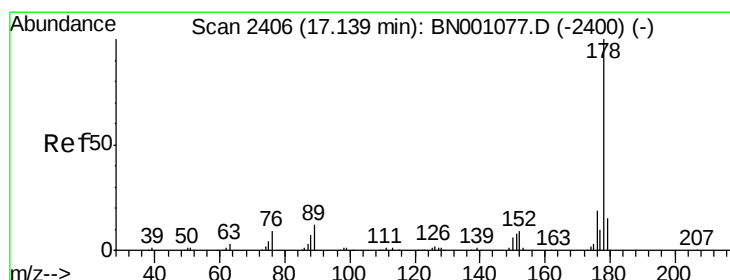
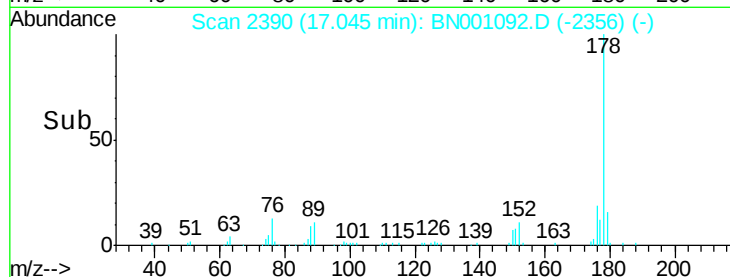
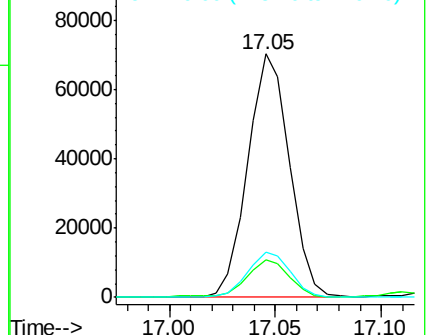
176 18.5 15.1 22.7



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: 1.201 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

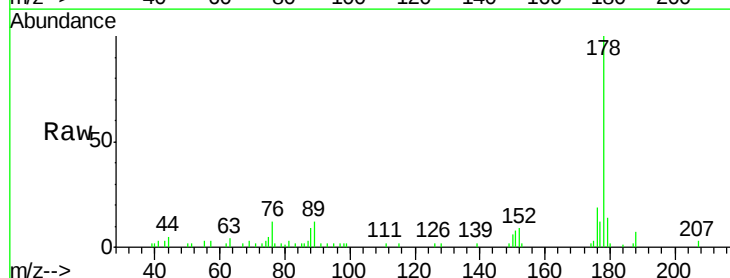
Tgt Ion:178 Resp: 31189

Ion Ratio Lower Upper

178 100

179 14.2 11.8 17.8

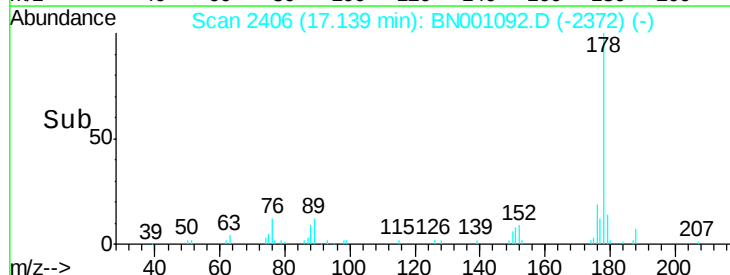
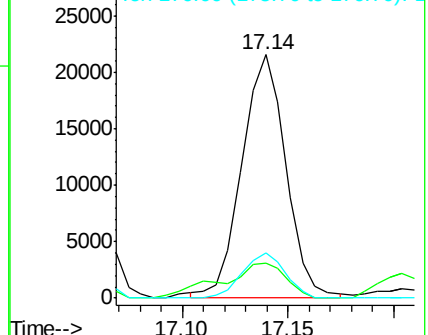
176 18.7 15.2 22.8

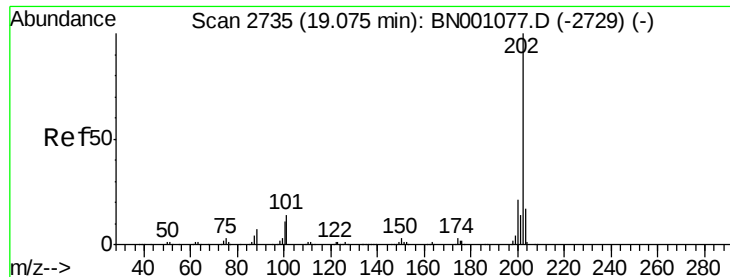


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#16

Fluoranthene

Concen: 7.194 ng/ul

RT: 19.07 min Scan# 2735

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

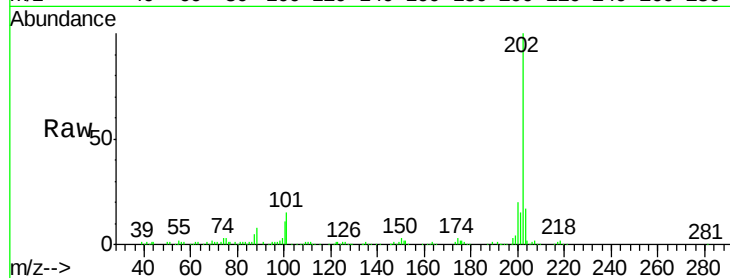
Tot Ion:202 Resp: 188949

Ion Ratio Lower Upper

202 100

101 14.6 9.9 14.9

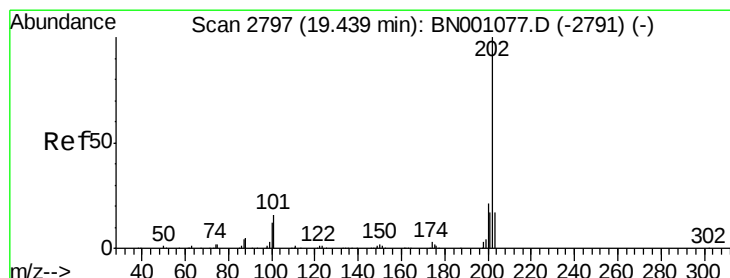
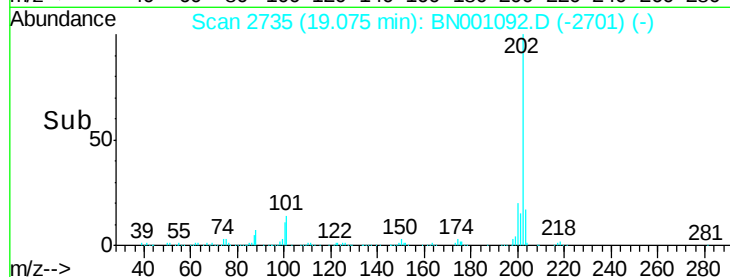
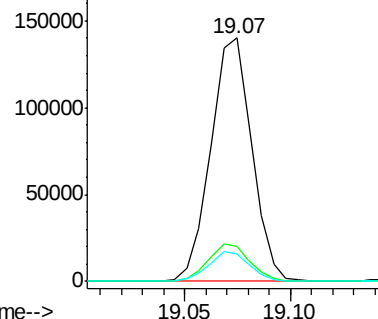
100 11.2 7.4 11.0#



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: 5.743 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

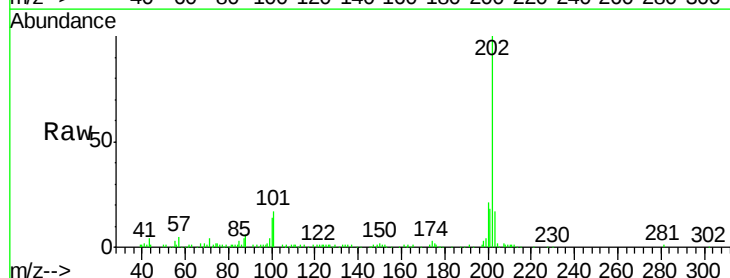
Tgt Ion:202 Resp: 164272

Ion Ratio Lower Upper

202 100

101 16.7 11.0 16.4#

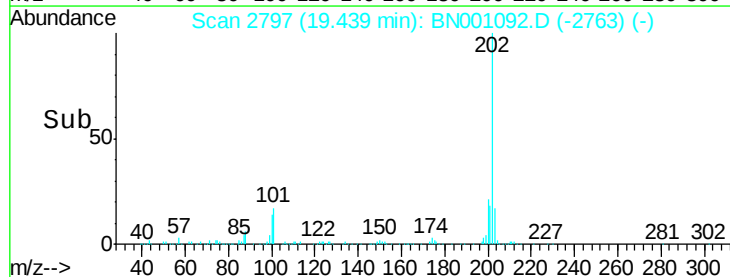
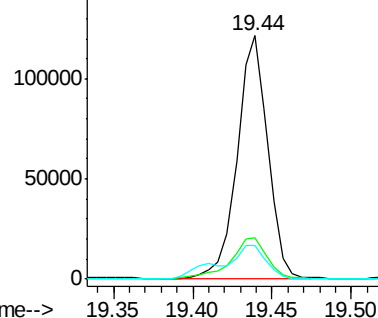
100 13.8 8.1 12.1#

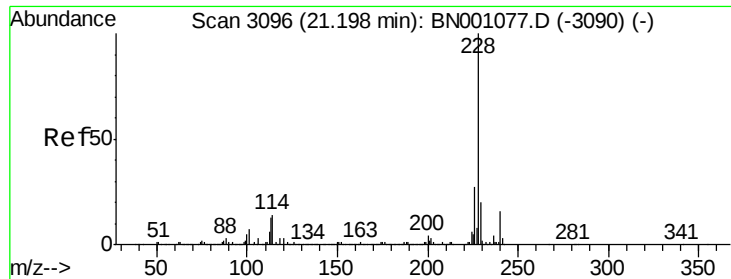


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#20

Benzo(a)anthracene

Concen: 3.735 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

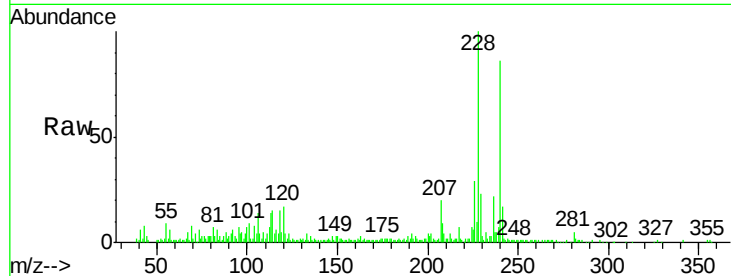
Tot Ion:228 Resp: 99426

Ion Ratio Lower Upper

228 100

229 22.6 15.7 23.5

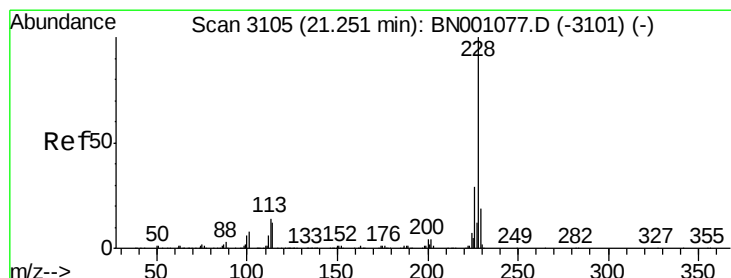
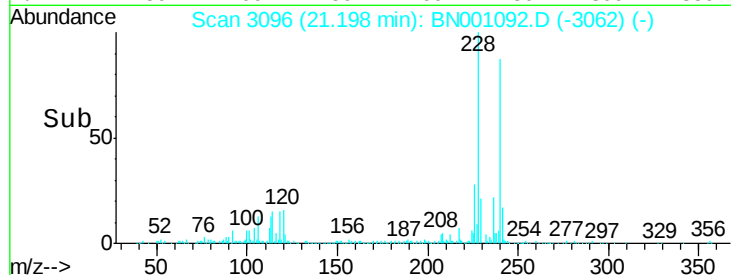
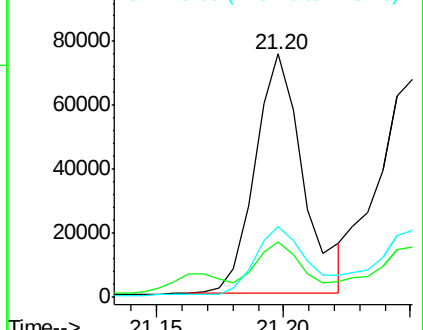
226 29.1 21.1 31.7



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: 4.124 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.00 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

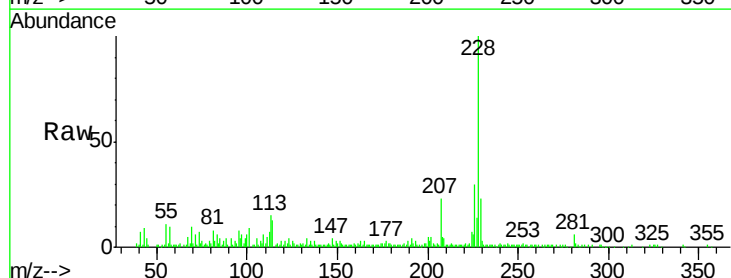
Tgt Ion:228 Resp: 103191

Ion Ratio Lower Upper

228 100

226 30.4 24.5 36.7

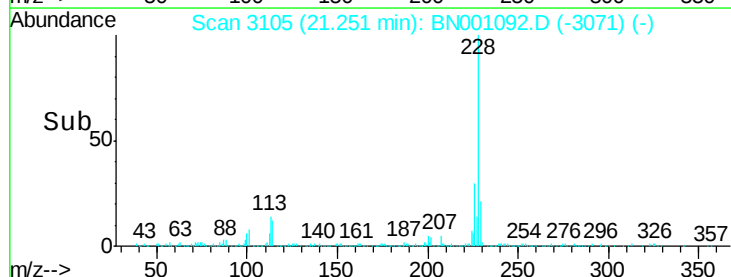
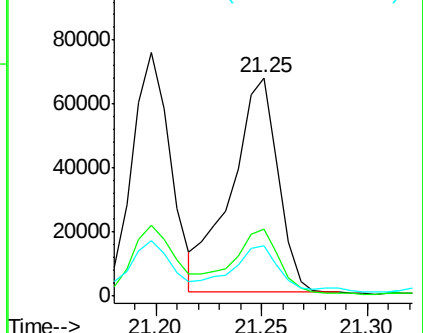
229 22.8 15.8 23.8

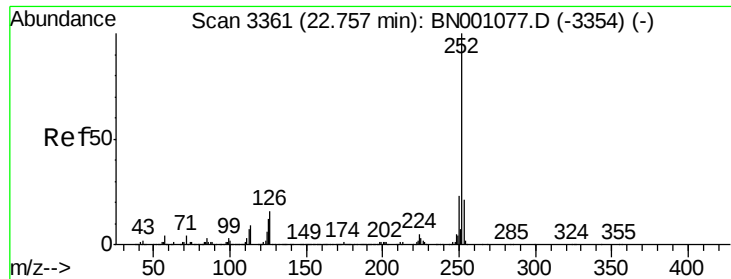


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 6.167 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.01 min

Lab File: BN001092.D

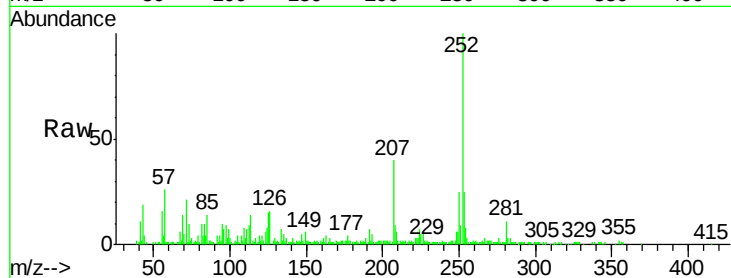
Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

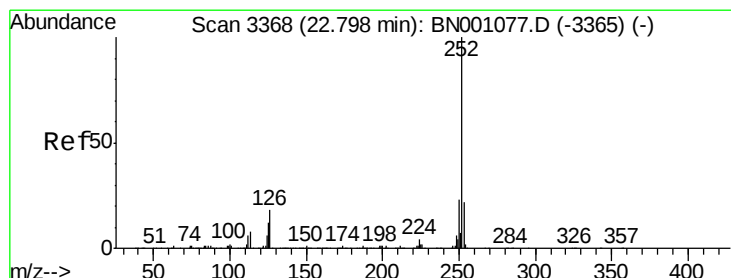
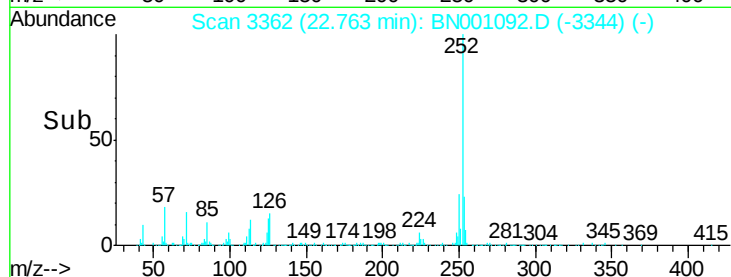
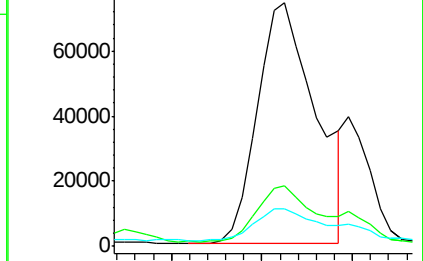
Tot Ion:252	Resp:	165310
Ion Ratio	Lower	Upper
252	100	
253	24.8	18.0 27.0
125	15.4	8.0 12.0#



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: 7.712 ng/ul

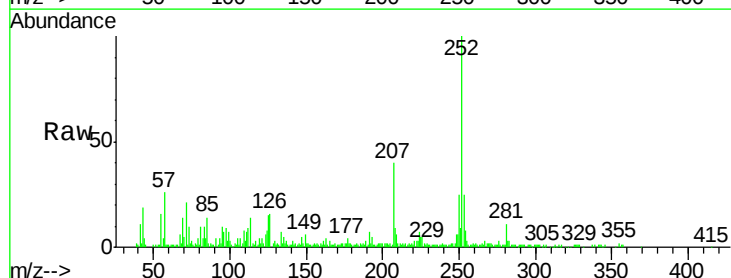
RT: 22.76 min Scan# 3362

Delta R.T. -0.04 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

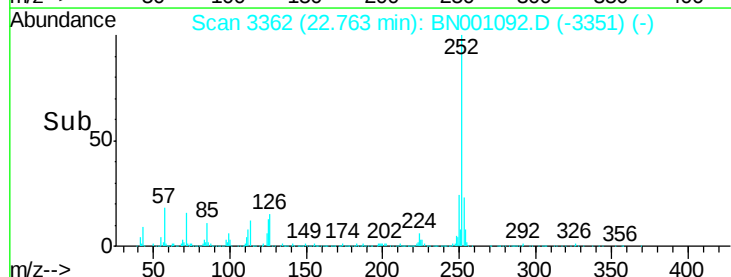
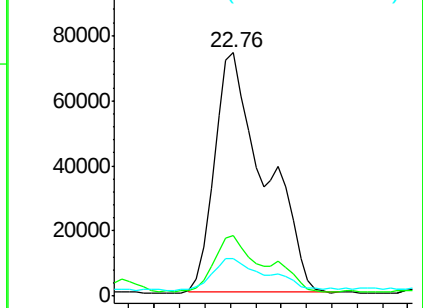
Tgt Ion:252	Resp:	202310
Ion Ratio	Lower	Upper
252	100	
253	24.8	18.0 27.0
125	15.4	8.1 12.1#

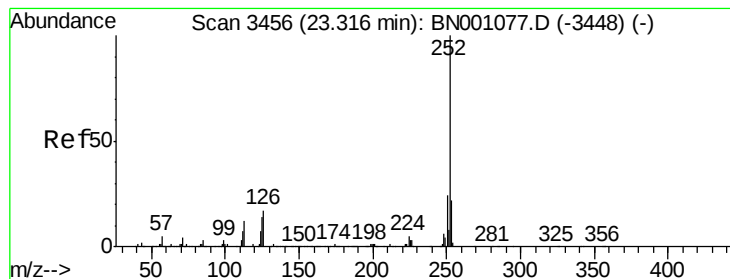


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 4.155 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. 0.01 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

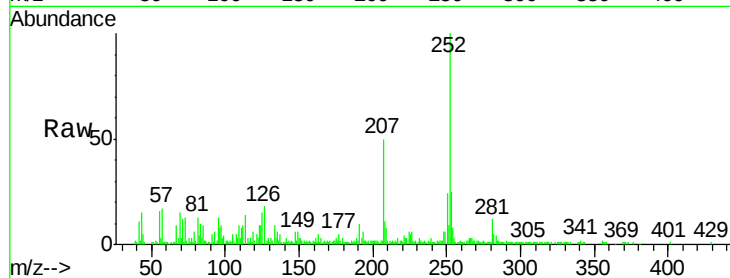
Tot Ion:252 Resp: 106452

Ion Ratio Lower Upper

252 100

253 25.0 17.2 25.8

125 15.3 8.2 12.4#

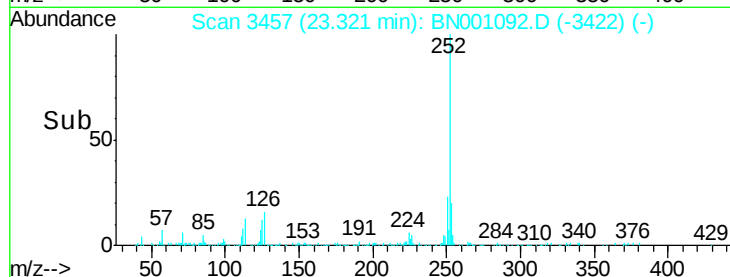


Abundance Ion 252.00 (251.70 to 252.70): E

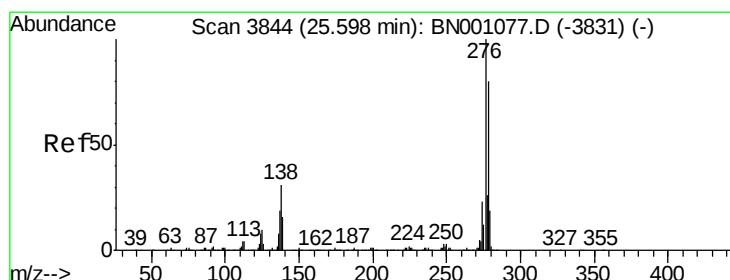
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

Time-->



Time-->



#27

Indeno(1,2,3-cd)pyrene

Concen: 2.861 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. 0.01 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

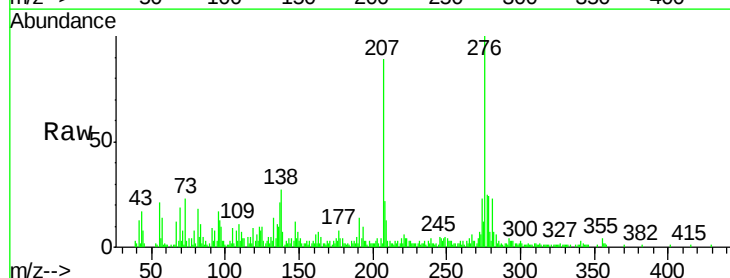
Tgt Ion:276 Resp: 88521

Ion Ratio Lower Upper

276 100

138 26.7 14.4 21.6#

277 25.3 18.0 27.0

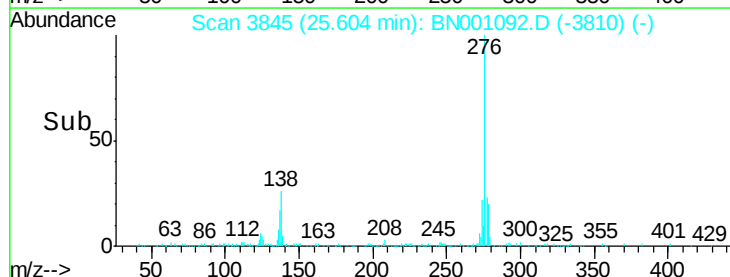


Abundance Ion 276.00 (275.70 to 276.70): E

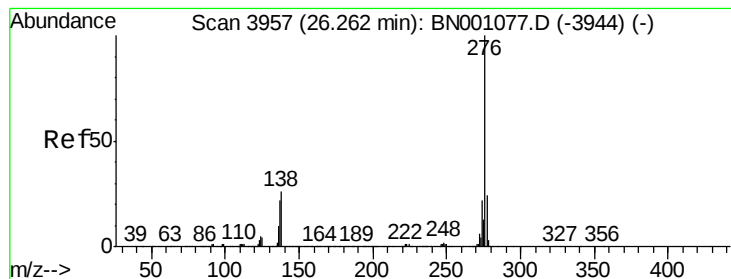
Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

Time-->



Time-->



#29

Benzo(a,h,i)perylene

Concen: 4.154 ng/ul

RT: 26.27 min Scan# 3959

Delta R.T. 0.01 min

Lab File: BN001092.D

Acq: 03 May 2018 03:44

Instrument :

BNA_N

ClientSampleId :

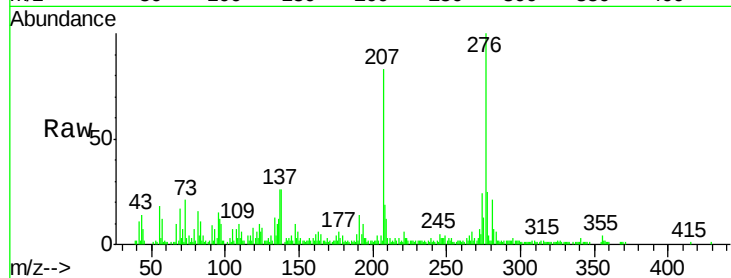
Tot Ion:276 Resp: 107519

Ion Ratio Lower Upper

276 100

138 26.4 15.3 22.9#

277 25.4 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

