

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000932.D
 Acq On : 26 Apr 2018 15:09
 Operator : JU/SJ
 Sample : J2485-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 07:51:26 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 07:47:48 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	132036	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	531605	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	251722	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.01	188	482770	20.00	ng/ul	0.00
17) Chrysene-d12	21.22	240	452532	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	490877	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	889791	36.81	ng/ul	0.00
10) Fluorene-d10	15.26	176	592996	36.75	ng/ul	0.00
14) Anthracene-d10	17.11	188	833387	37.75	ng/ul	0.00
18) Pyrene-d10	19.41	212	864366	37.28	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.28	264	945288	40.77	ng/ul	0.00

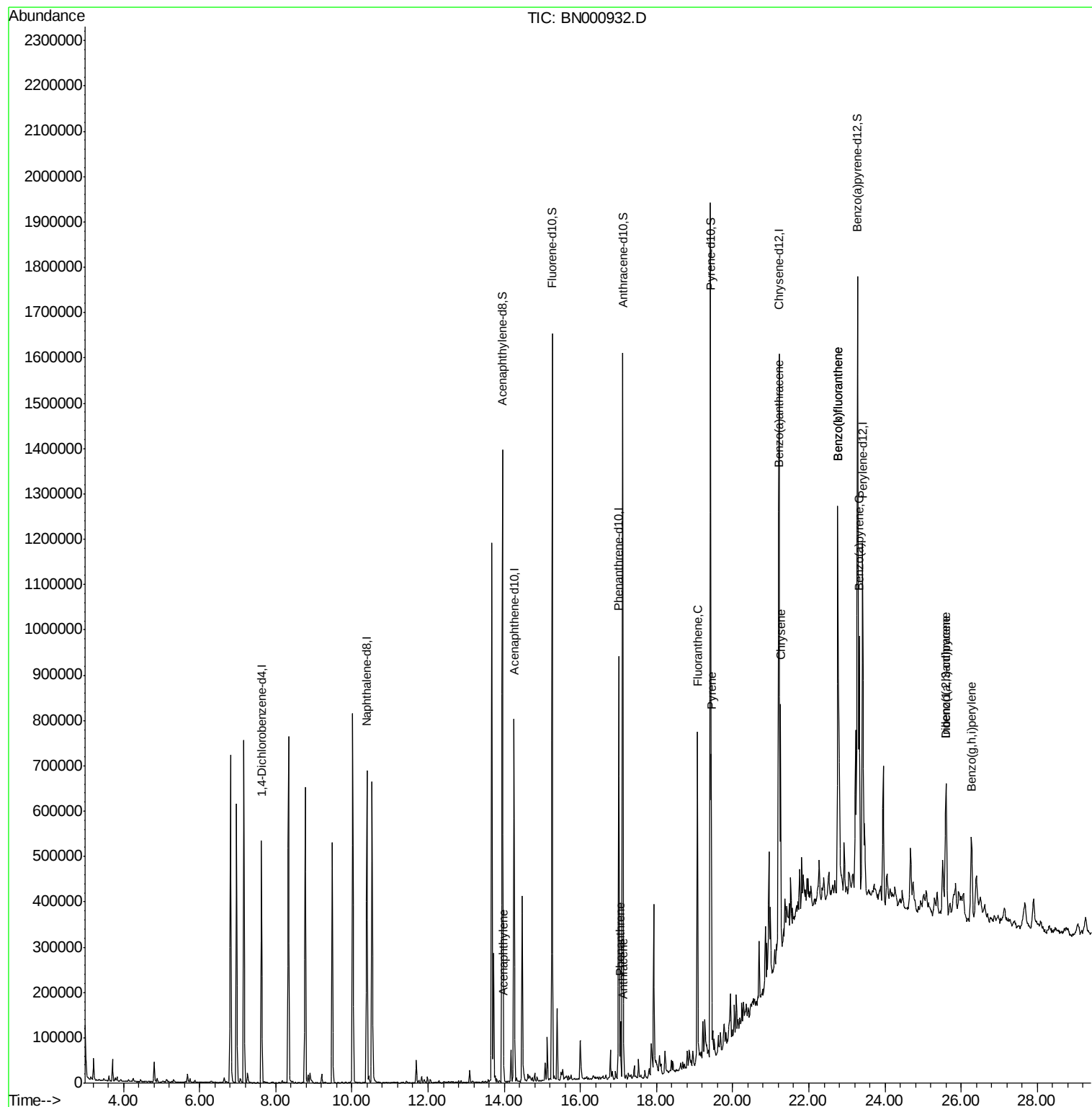
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Acenaphthylene	13.98	152	33437	1.397	ng/ul	97
13) Phenanthrene	17.05	178	72518	2.754	ng/ul	98
15) Anthracene	17.14	178	35860	1.358	ng/ul	98
16) Fluoranthene	19.07	202	379227	14.196	ng/ul	95
19) Pyrene	19.44	202	346191	11.910	ng/ul#	90
20) Benzo(a)anthracene	21.20	228	299612	11.076	ng/ul	98
21) Chrysene	21.25	228	306716	12.063	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	620141	22.230	ng/ul#	96
24) Benzo(k)fluoranthene	22.76	252	645609	23.651	ng/ul#	96
26) Benzo(a)pyrene	23.32	252	291622	10.938	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	25.60	276	246737	7.662	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.60	278	66991	2.496	ng/ul#	80
29) Benzo(a,h,i)perylene	26.27	276	201812	7.493	ng/ul#	93

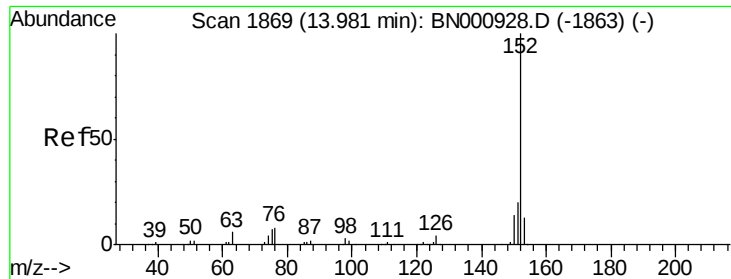
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#8

Acenaphthylene

Concen: 1.397 ng/ul

RT: 13.98 min Scan# 1869

Delta R.T. 0.00 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

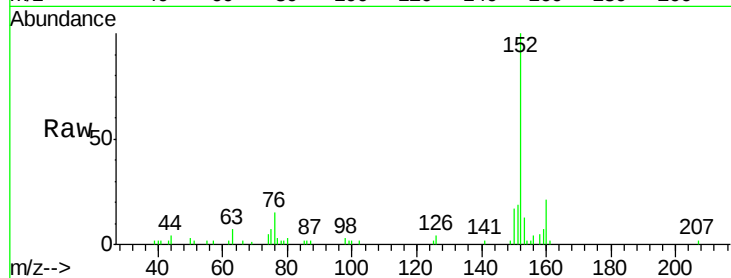
Instrument :

BNA_N

ClientSampleId :

Tot Ion:152 Resp: 33437

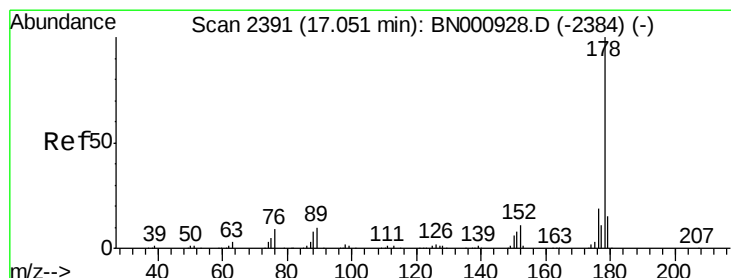
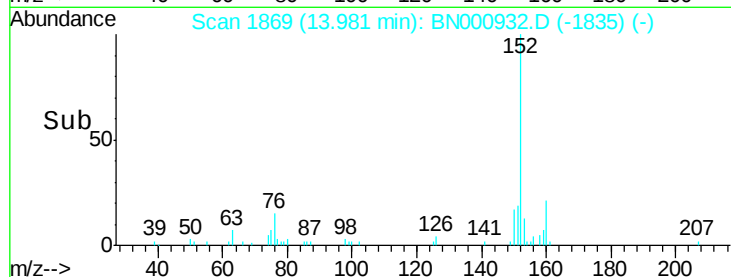
Ion	Ratio	Lower	Upper
152	100		
151	18.8	16.7	25.1
153	13.0	10.2	15.4



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



#13

Phenanthrene

Concen: 2.754 ng/ul

RT: 17.05 min Scan# 2391

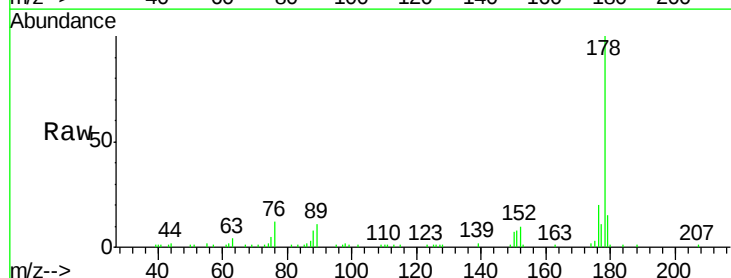
Delta R.T. 0.00 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Tgt Ion:178 Resp: 72518

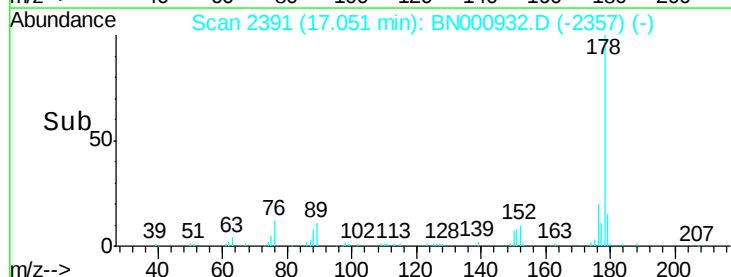
Ion	Ratio	Lower	Upper
178	100		
179	15.1	12.3	18.5
176	20.0	15.1	22.7

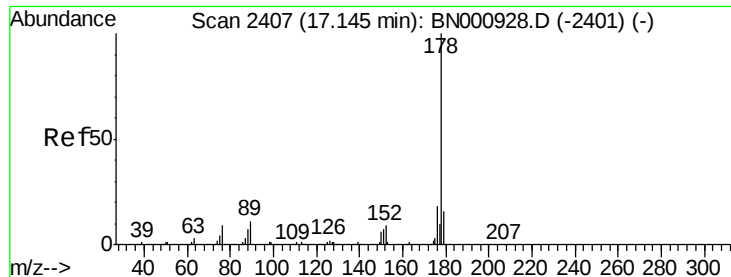


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

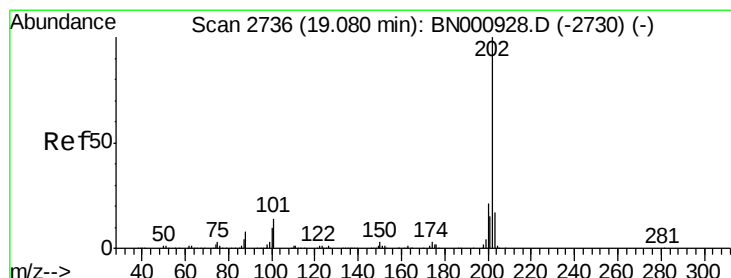
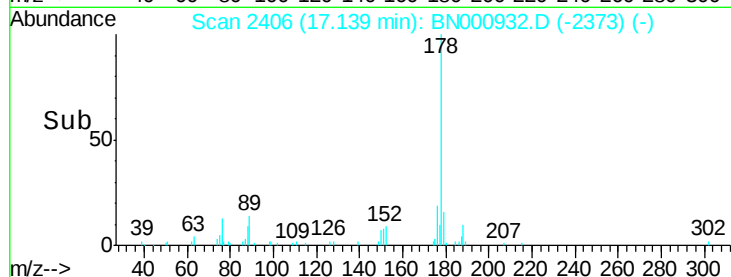
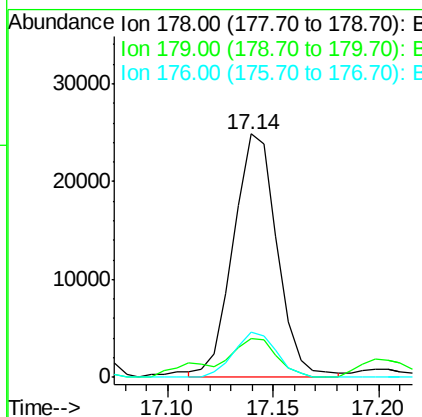
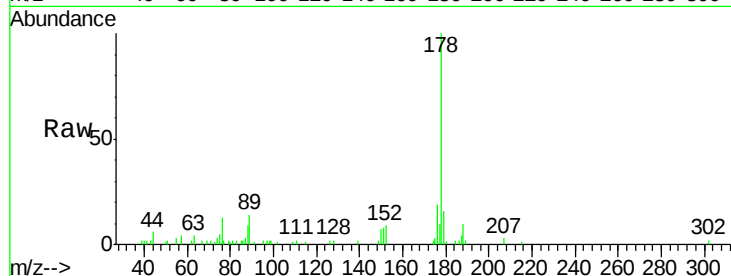




#15
 Anthracene
 Concen: 1.358 ng/ul
 RT: 17.14 min Scan# 2406
 Delta R.T. -0.01 min
 Lab File: BN000932.D
 Acq: 26 Apr 2018 15:09

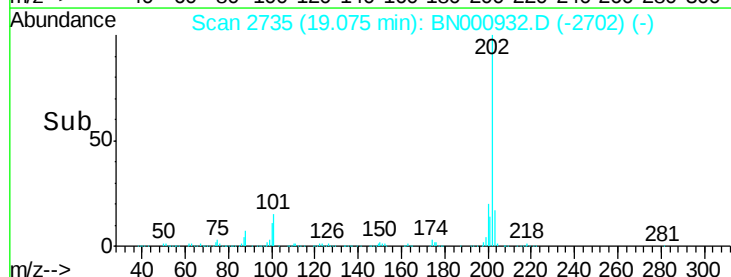
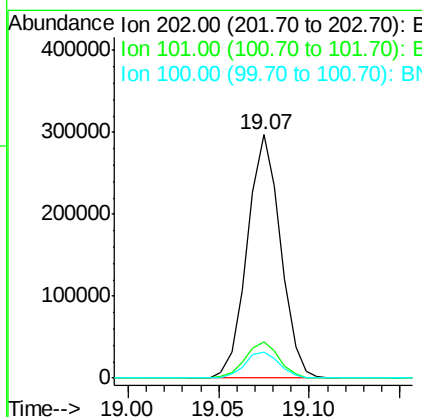
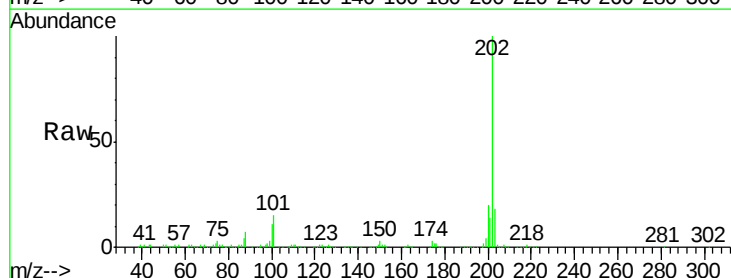
Instrument :
 BNA_N
 ClientSampleId :

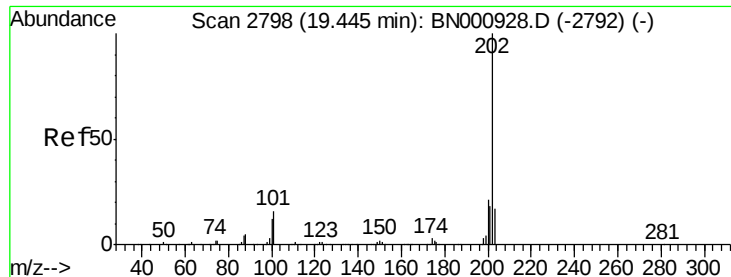
Tot Ion:178 Resp: 35860
 Ion Ratio Lower Upper
 178 100
 179 16.2 11.8 17.8
 176 18.7 15.2 22.8



#16
 Fluoranthene
 Concen: 14.196 ng/ul
 RT: 19.07 min Scan# 2735
 Delta R.T. -0.01 min
 Lab File: BN000932.D
 Acq: 26 Apr 2018 15:09

Tgt Ion:202 Resp: 379227
 Ion Ratio Lower Upper
 202 100
 101 14.8 9.9 14.9
 100 10.9 7.4 11.0





#19

Pvrene

Concen: 11.910 ng/ul

RT: 19.44 min Scan# 2797

Delta R.T. -0.01 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Instrument :

BNA_N

ClientSampleId :

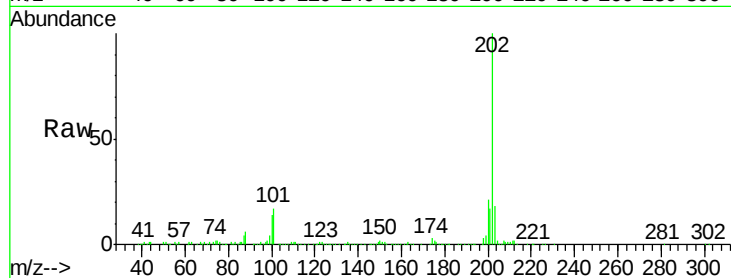
Tot Ion:202 Resp: 346191

Ion Ratio Lower Upper

202 100

101 17.4 11.0 16.4#

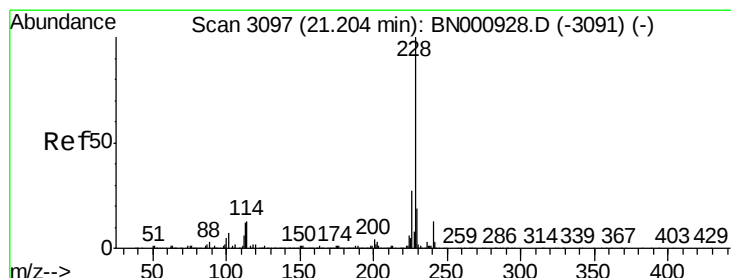
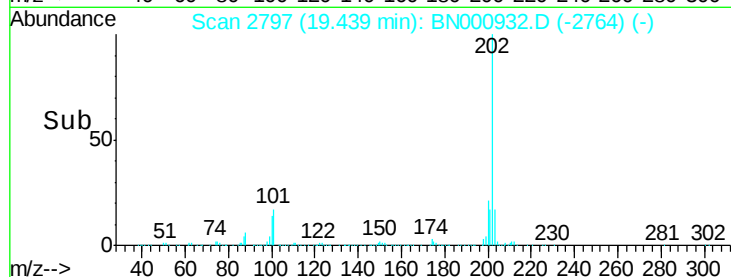
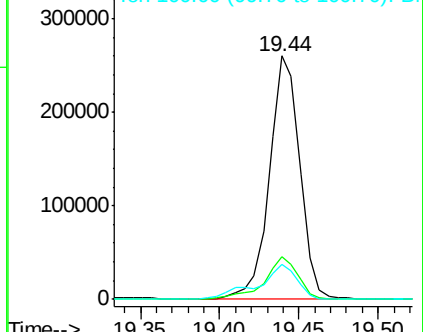
100 14.3 8.1 12.1#



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: 11.076 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

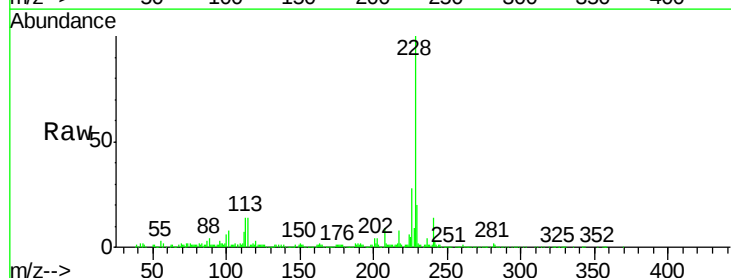
Tgt Ion:228 Resp: 299612

Ion Ratio Lower Upper

228 100

229 20.5 15.7 23.5

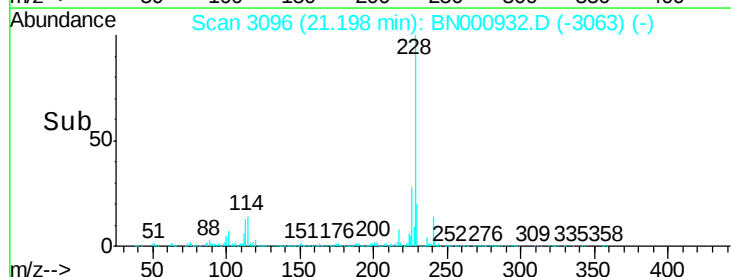
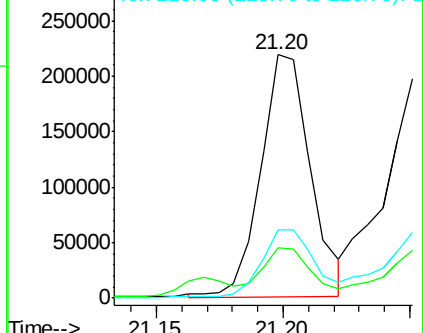
226 27.8 21.1 31.7

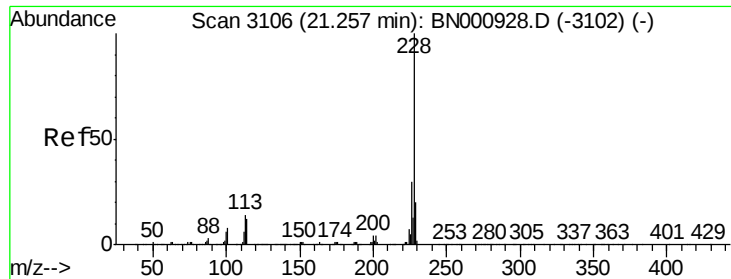


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 12.063 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. -0.01 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Instrument :

BNA_N

ClientSampleId :

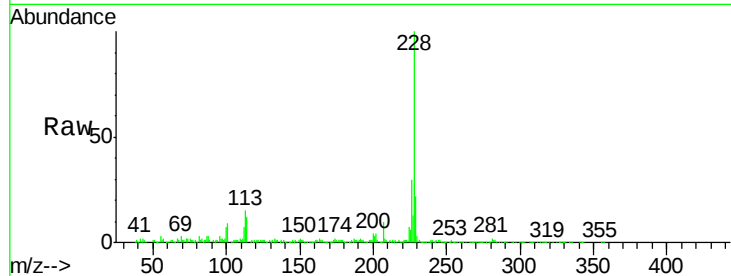
Tot Ion:228 Resp: 306716

Ion Ratio Lower Upper

228 100

226 29.8 24.5 36.7

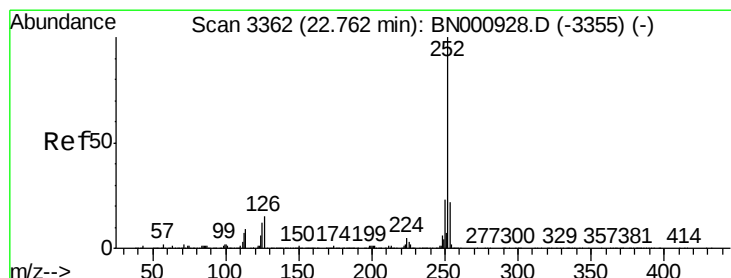
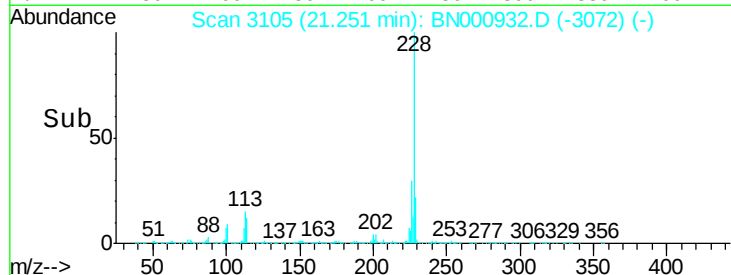
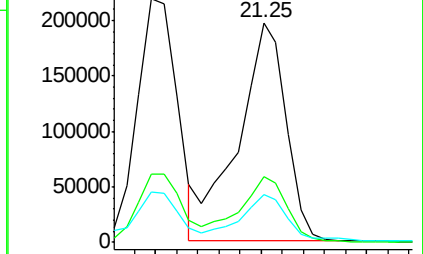
229 22.0 15.8 23.8



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: 22.230 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. 0.00 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

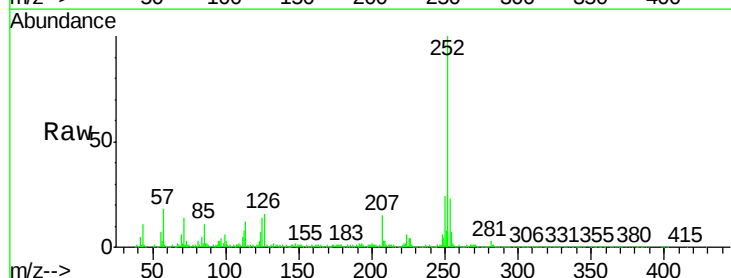
Tgt Ion:252 Resp: 620141

Ion Ratio Lower Upper

252 100

253 23.1 18.0 27.0

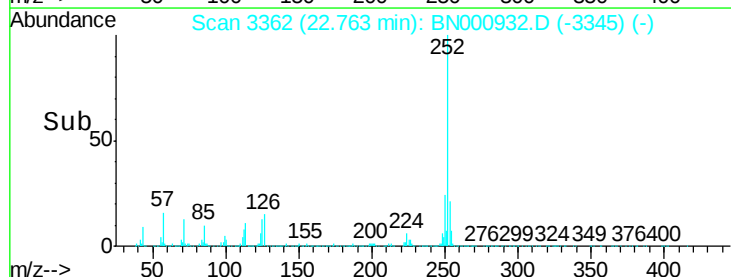
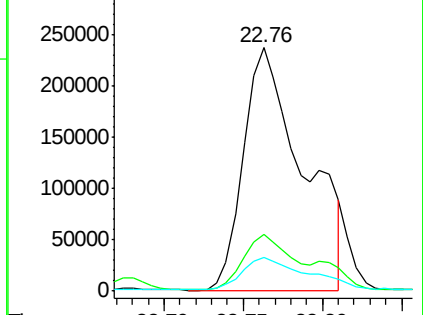
125 13.6 8.0 12.0#

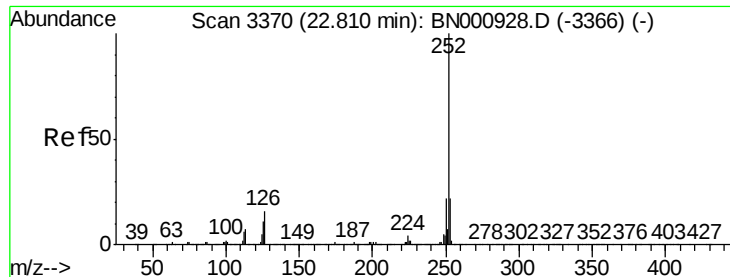


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 23.651 ng/ul

RT: 22.76 min Scan# 3362

Delta R.T. -0.05 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Instrument :

BNA_N

ClientSampleId :

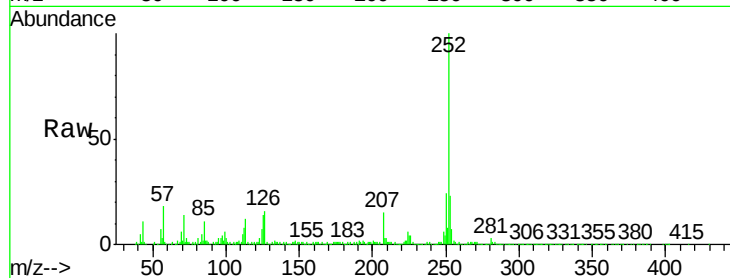
Tot Ion:252 Resp: 645609

Ion Ratio Lower Upper

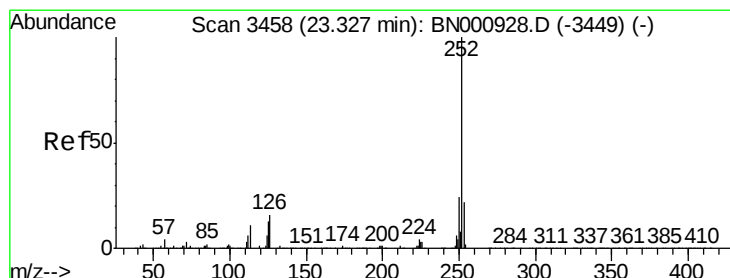
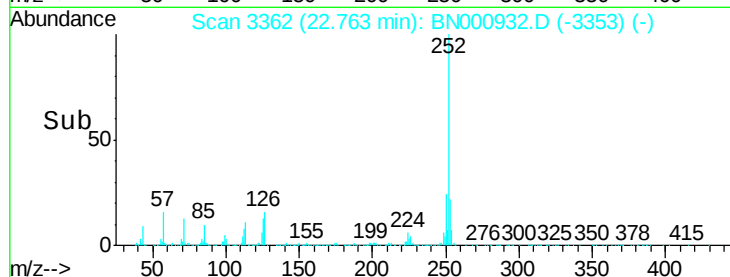
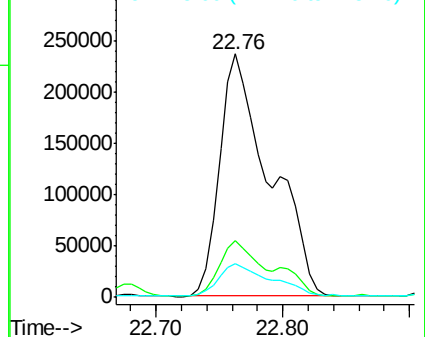
252 100

253 23.1 18.0 27.0

125 13.6 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: 10.938 ng/ul

RT: 23.32 min Scan# 3457

Delta R.T. -0.01 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

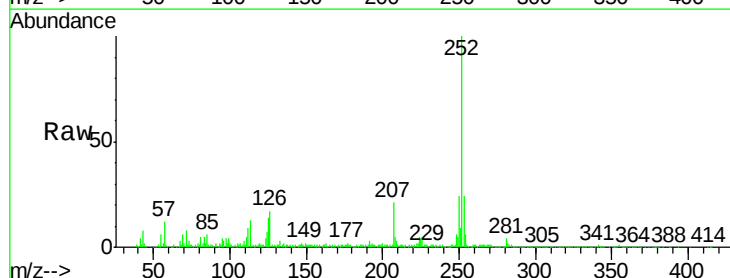
Tgt Ion:252 Resp: 291622

Ion Ratio Lower Upper

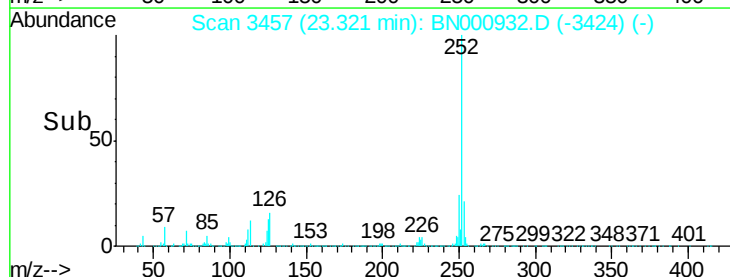
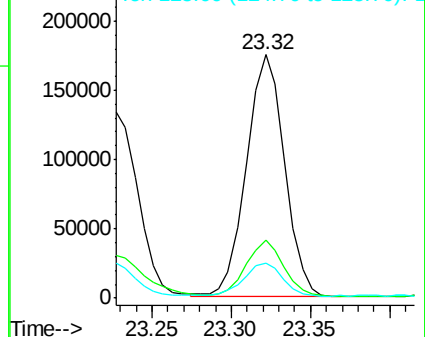
252 100

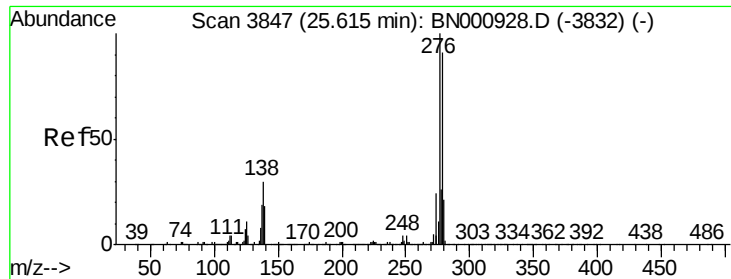
253 23.6 17.2 25.8

125 14.4 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: 7.662 ng/ul

RT: 25.60 min Scan# 3844

Delta R.T. -0.02 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Instrument :

BNA_N

ClientSampleId :

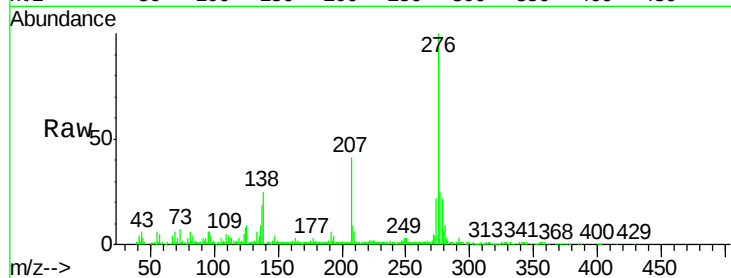
Tot Ion:276 Resp: 246737

Ion Ratio Lower Upper

276 100

138 24.5 14.4 21.6#

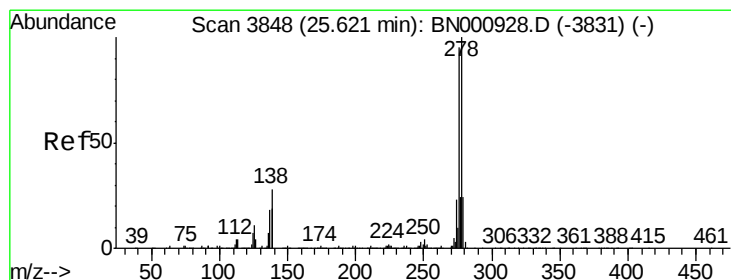
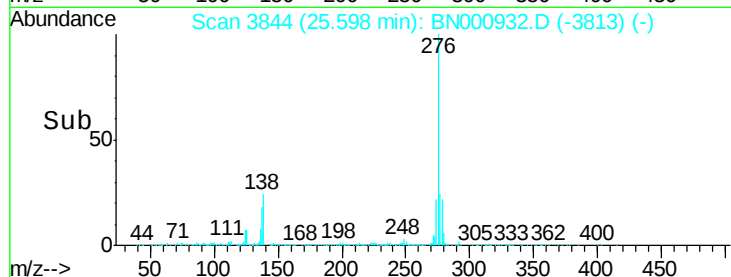
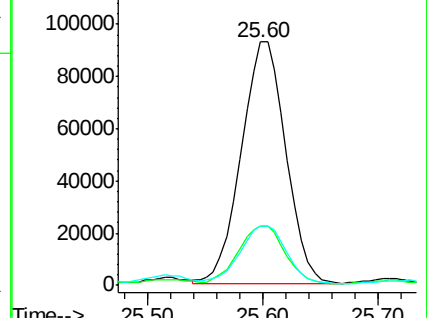
277 24.6 18.0 27.0



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: 2.496 ng/ul

RT: 25.60 min Scan# 3845

Delta R.T. -0.02 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

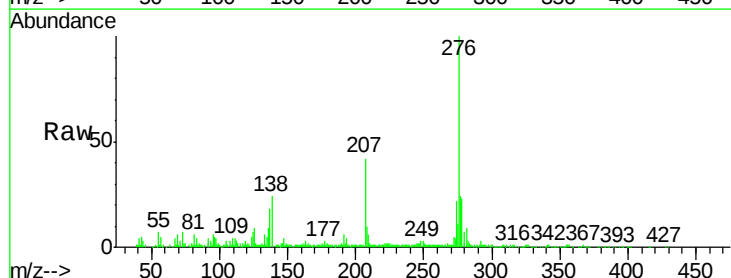
Tgt Ion:278 Resp: 66991

Ion Ratio Lower Upper

278 100

139 0.0 12.2 18.4#

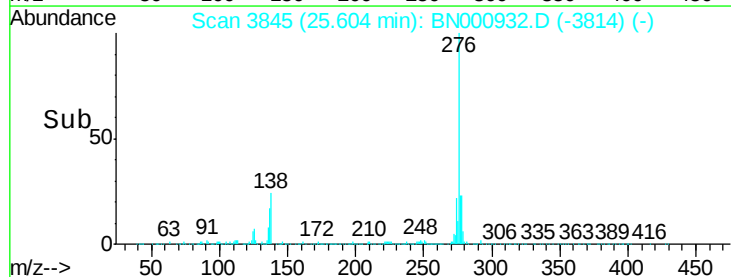
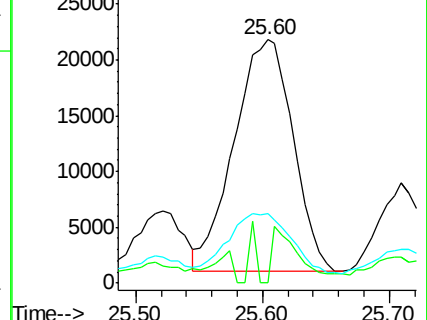
279 28.6 19.2 28.8

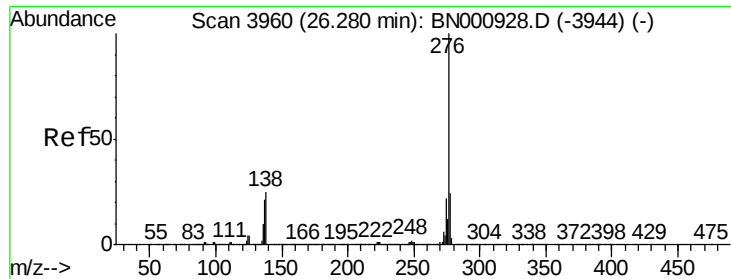


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#29

Benzo(a,h,i)perylene

Concen: 7.493 ng/ul

RT: 26.27 min Scan# 3958

Delta R.T. -0.01 min

Lab File: BN000932.D

Acq: 26 Apr 2018 15:09

Instrument :

BNA_N

ClientSampleId :

Tot Ion: 276 Resp: 201812

Ion Ratio Lower Upper

276 100

138 25.4 15.3 22.9#

277 24.1 19.0 28.4

