

Data Path : Z:\HPCHEM1\BNA N\DATA\BN042618\
 Data File : BN000952.D
 Acq On : 27 Apr 2018 02:44
 Operator : JU/SJ
 Sample : J2526-19
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Apr 27 08:26:29 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Apr 27 08:22:19 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	168664	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	699106	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	324081	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	572773	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	524956	20.00	ng/ul	0.00
22) Perylene-d12	23.40	264	552865	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	13.95	160	886225	28.47	ng/ul	0.00
10) Fluorene-d10	15.26	176	583832	28.10	ng/ul	0.00
14) Anthracene-d10	17.10	188	772843	29.51	ng/ul	0.00
18) Pyrene-d10	19.41	212	778808	28.95	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	840278	32.17	ng/ul	0.00

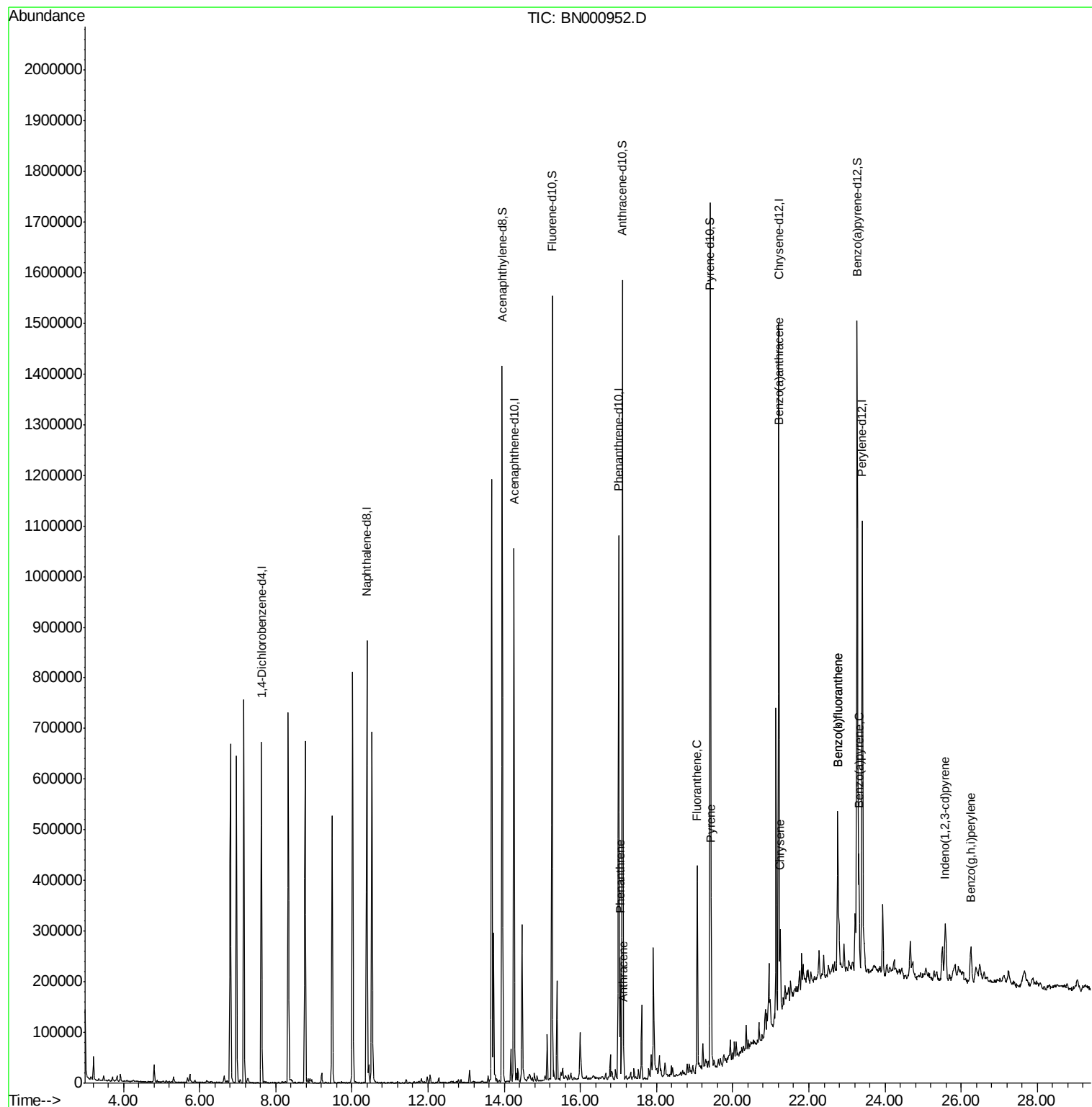
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.05	178	127409	4.078	ng/ul	99
15) Anthracene	17.14	178	32275	1.030	ng/ul	97
16) Fluoranthene	19.07	202	214696	6.774	ng/ul#	93
19) Pyrene	19.44	202	175088	5.193	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	110344	3.516	ng/ul	94
21) Chrysene	21.25	228	99286	3.366	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	202058	6.431	ng/ul#	94
24) Benzo(k)fluoranthene	22.76	252	168216	5.471	ng/ul#	94
26) Benzo(a)pyrene	23.31	252	106078	3.533	ng/ul#	92
27) Indeno(1,2,3-cd)pyrene	25.59	276	86834	2.394	ng/ul#	89
29) Benzo(g,h,i)perylene	26.25	276	76652	2.527	ng/ul#	92

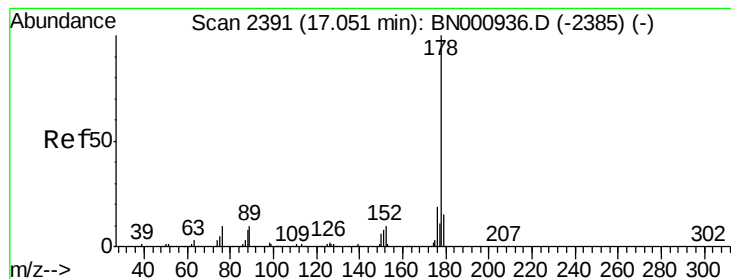
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 4.078 ng/ul

RT: 17.05 min Scan# 2390

Delta R.T. -0.01 min

Lab File: BN000952.D

Acq: 27 Apr 2018 02:44

Instrument :

BNA_N

ClientSampleId :

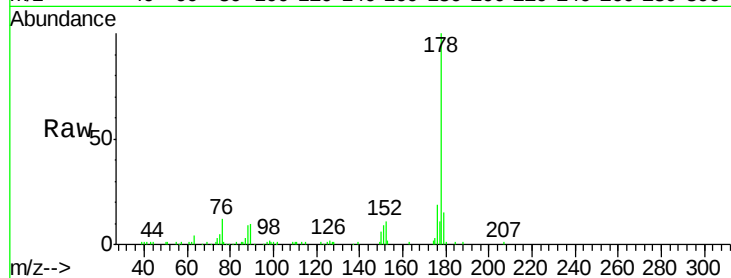
Tot Ion:178 Resp: 127409

Ion Ratio Lower Upper

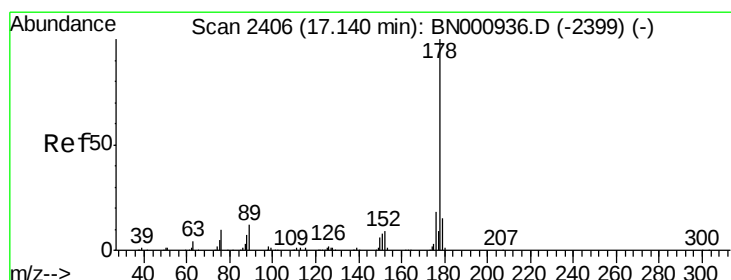
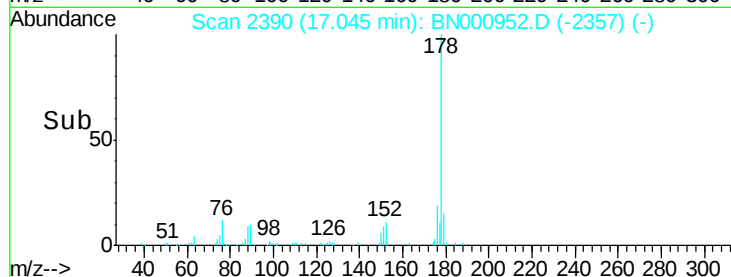
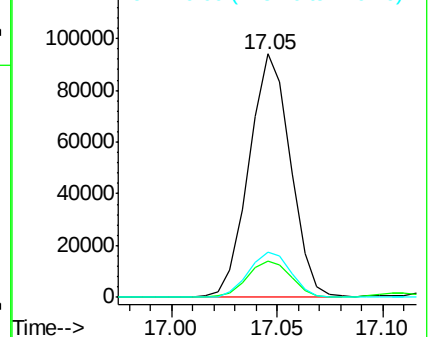
178 100

179 14.8 12.3 18.5

176 18.8 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: 1.030 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BN000952.D

Acq: 27 Apr 2018 02:44

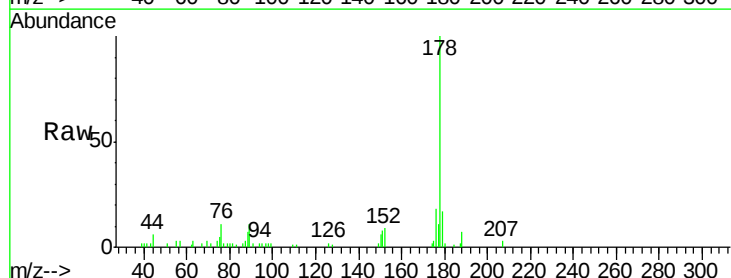
Tgt Ion:178 Resp: 32275

Ion Ratio Lower Upper

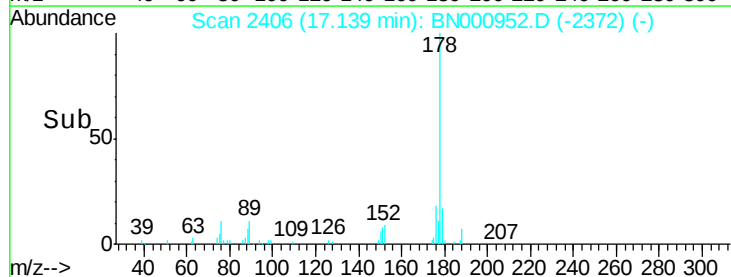
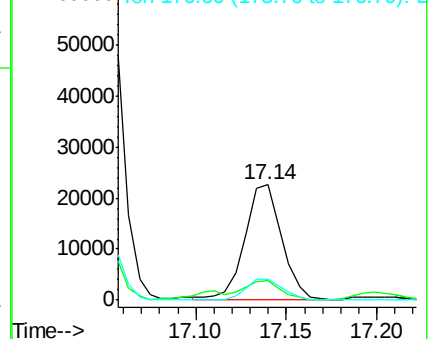
178 100

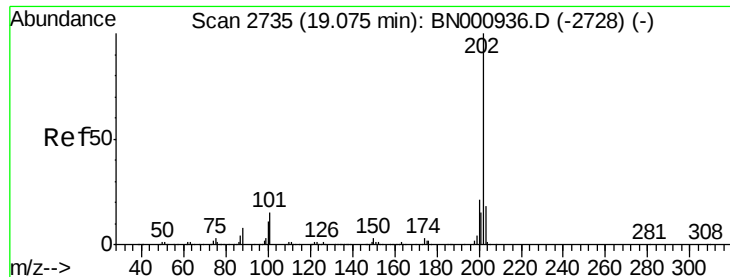
179 16.6 11.8 17.8

176 18.1 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

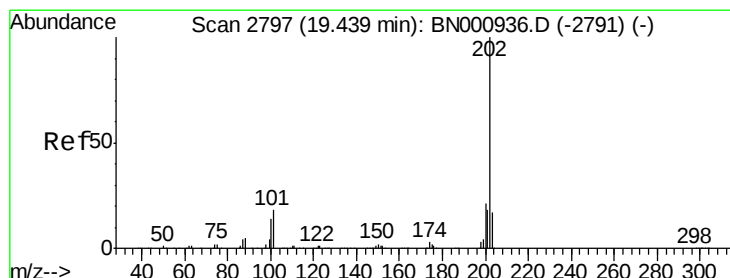
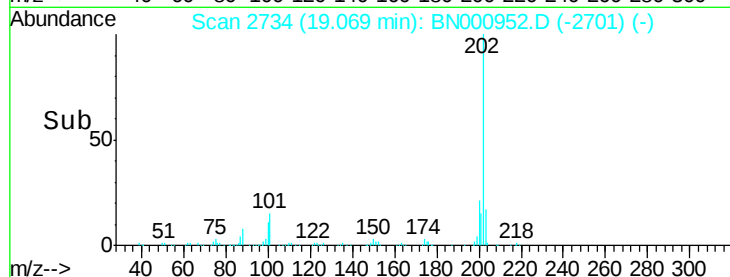
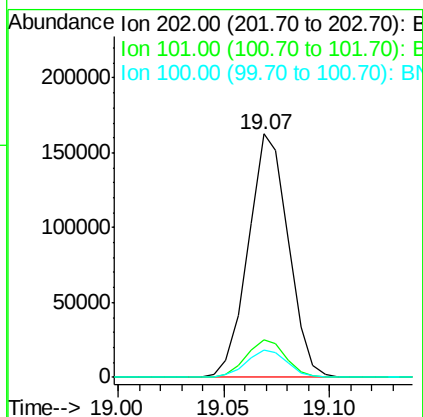
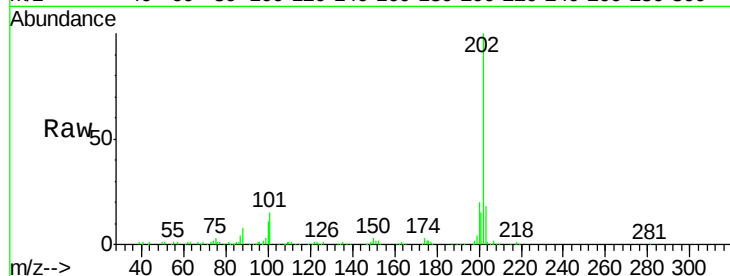




#16
Fluoranthene
Concen: 6.774 ng/ul
RT: 19.07 min Scan# 2734
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

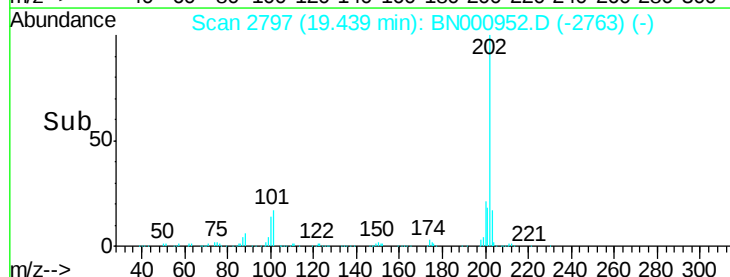
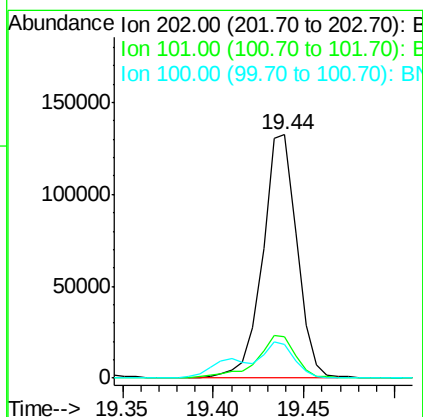
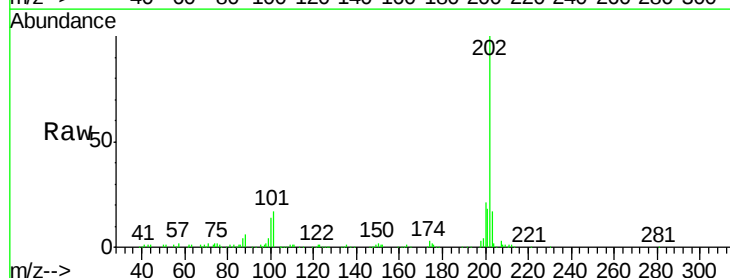
Instrument :
BNA_N
ClientSampled :

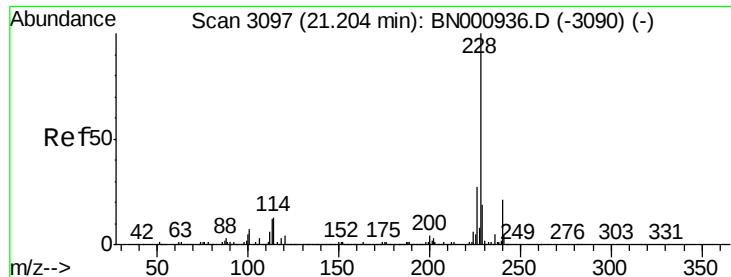
Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	9.9	14.9#
100	11.3	7.4	11.0#



#19
Pyrene
Concen: 5.193 ng/ul
RT: 19.44 min Scan# 2797
Delta R.T. -0.00 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.2	11.0	16.4#
100	13.9	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 3.516 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. -0.01 min

Lab File: BN000952.D

Acq: 27 Apr 2018 02:44

Instrument :

BNA_N

ClientSampled :

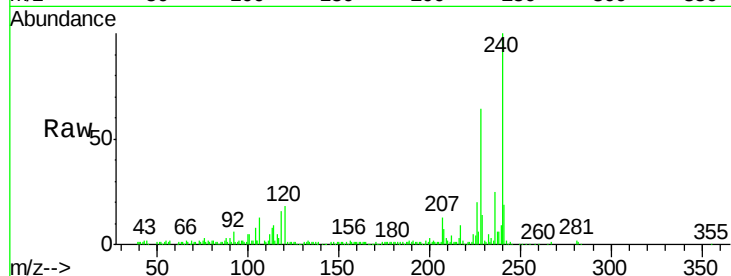
Tot Ion:228 Resp: 110344

Ion Ratio Lower Upper

228 100

229 21.0 15.7 23.5

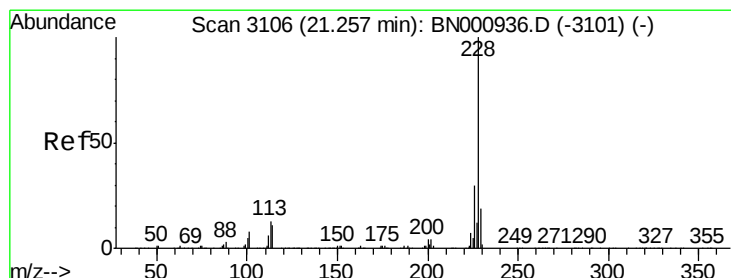
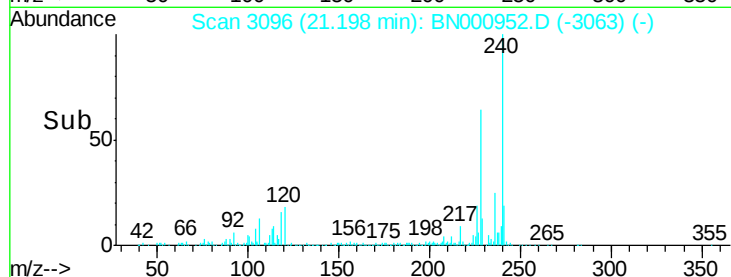
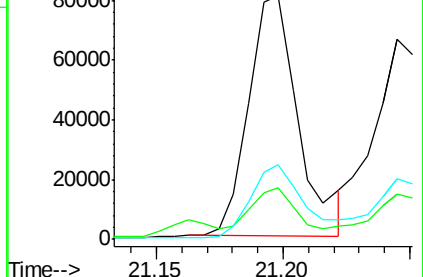
226 30.7 21.1 31.7



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: 3.366 ng/ul

RT: 21.25 min Scan# 3104

Delta R.T. -0.01 min

Lab File: BN000952.D

Acq: 27 Apr 2018 02:44

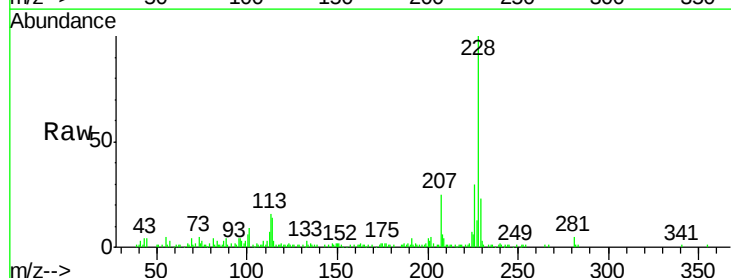
Tgt Ion:228 Resp: 99286

Ion Ratio Lower Upper

228 100

226 30.2 24.5 36.7

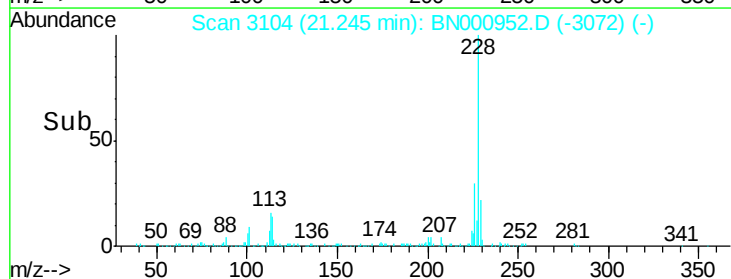
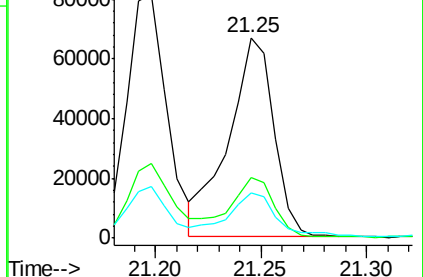
229 22.5 15.8 23.8

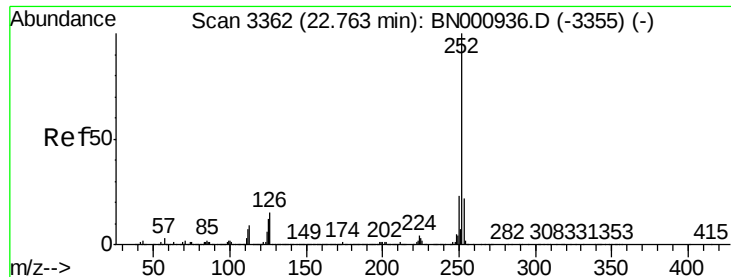


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

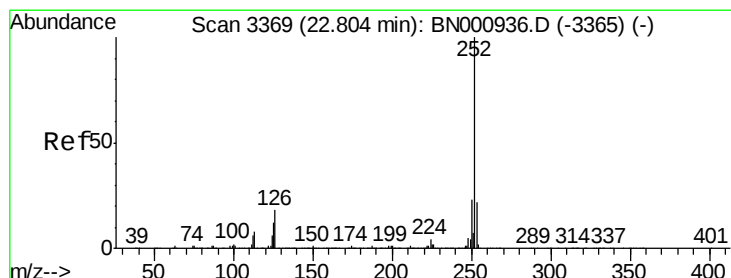
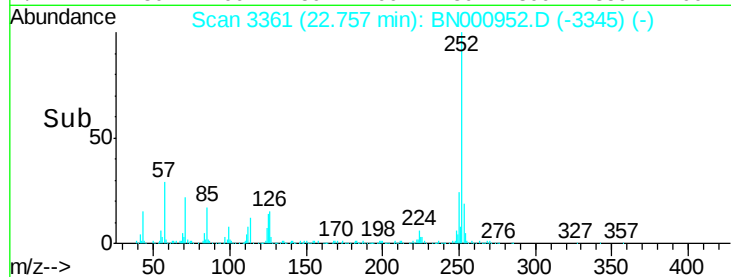
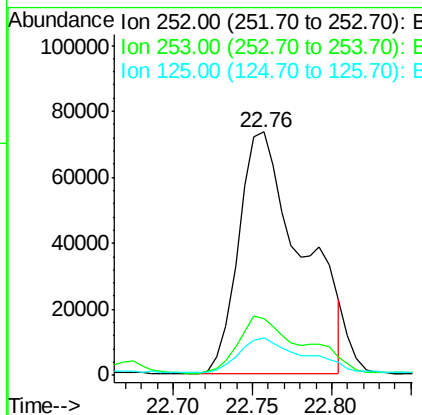
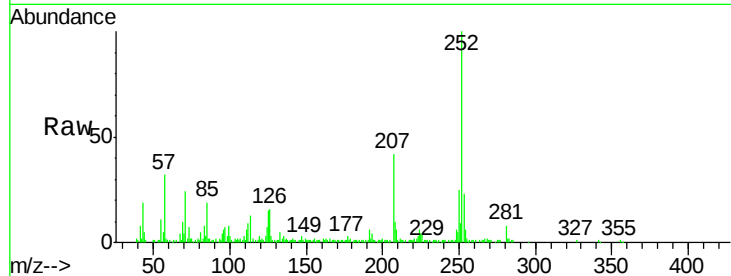




#23
Benzo(b)fluoranthene
Concen: 6.431 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

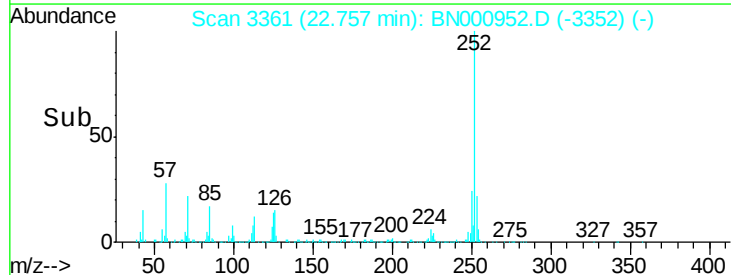
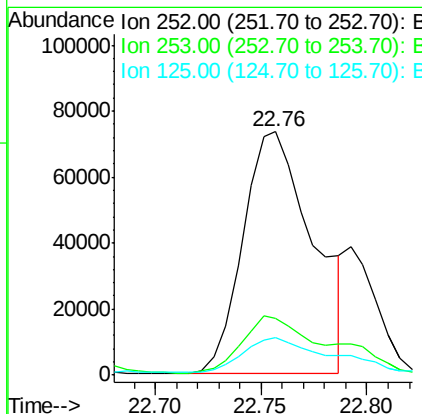
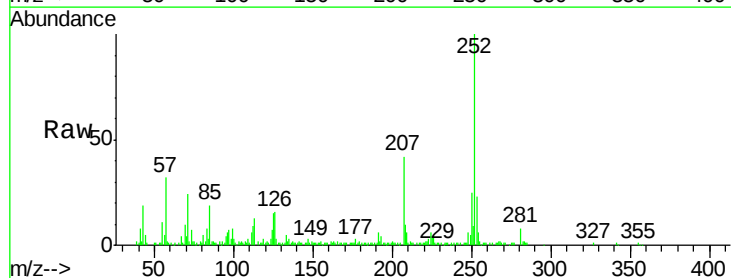
Instrument :
BNA_N
ClientSampleId :

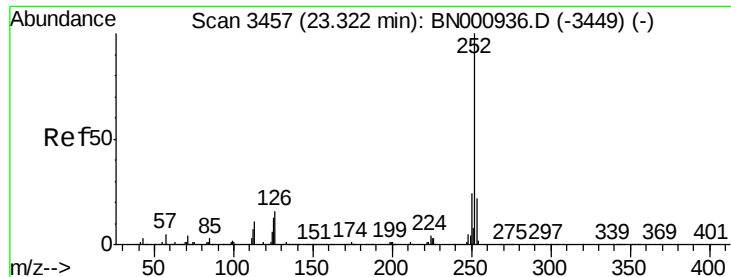
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.5	8.0	12.0



#24
Benzo(k)fluoranthene
Concen: 5.471 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.05 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.0	27.0
125	15.5	8.1	12.1

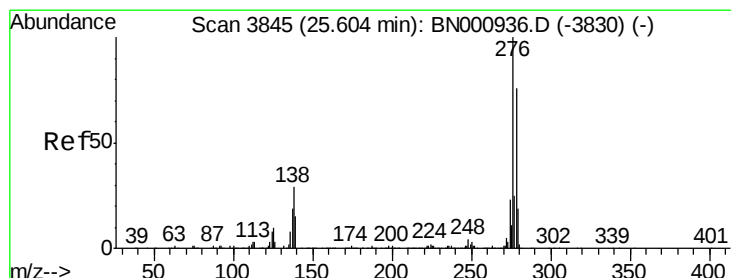
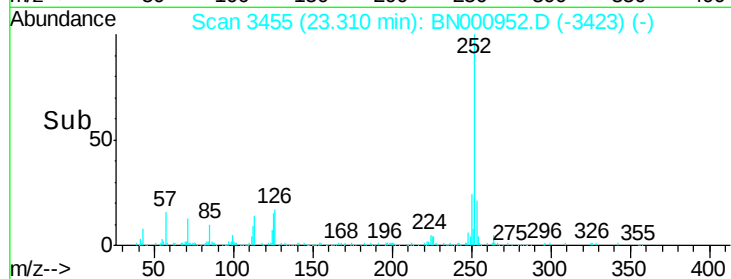
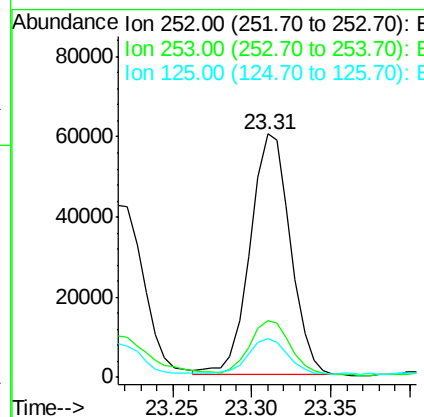
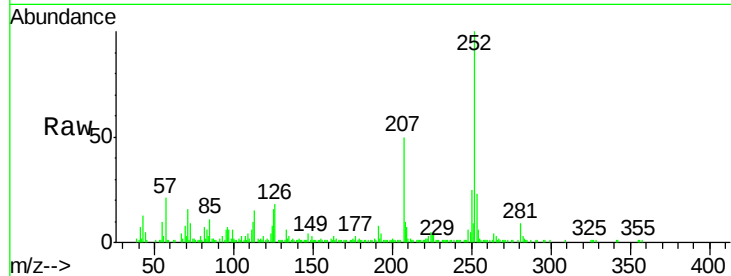




#26
Benzo(a)pyrene
Concen: 3.533 ng/ul
RT: 23.31 min Scan# 3455
Delta R.T. -0.01 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

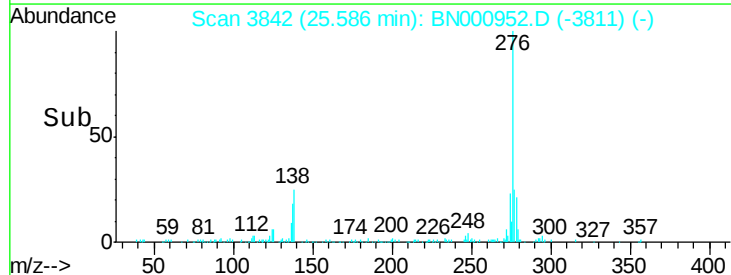
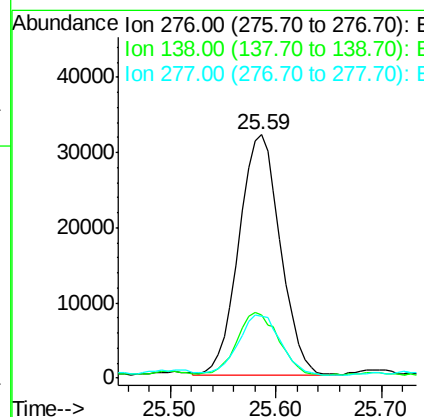
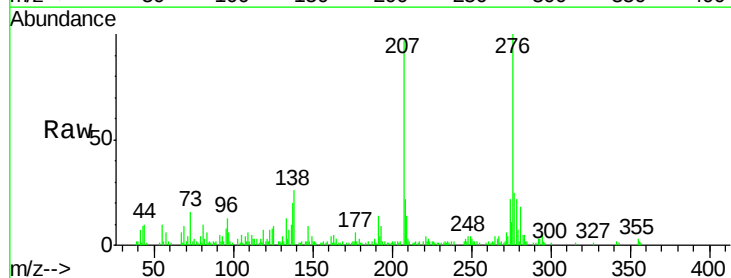
Instrument :
BNA_N
ClientSampleId :

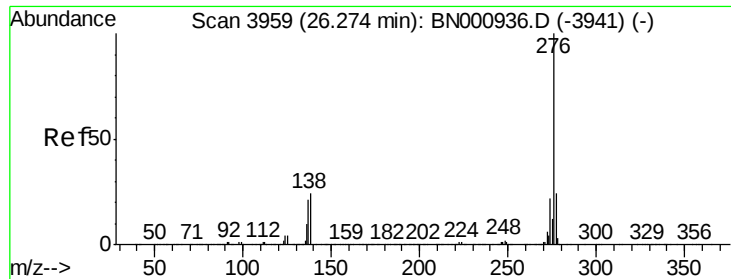
Tot Ion:252 Resp: 106078
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 16.0 8.2 12.4#



#27
Indeno(1,2,3-cd)pyrene
Concen: 2.394 ng/ul
RT: 25.59 min Scan# 3842
Delta R.T. -0.02 min
Lab File: BN000952.D
Acq: 27 Apr 2018 02:44

Tgt Ion:276 Resp: 86834
Ion Ratio Lower Upper
276 100
138 26.0 14.4 21.6#
277 25.3 18.0 27.0





#29

Benzo(a,h,i)perylene

Concen: 2.527 ng/ul

RT: 26.25 min Scan# 3955

Delta R.T. -0.02 min

Lab File: BN000952.D

Acq: 27 Apr 2018 02:44

Instrument :

BNA_N

ClientSampleId :

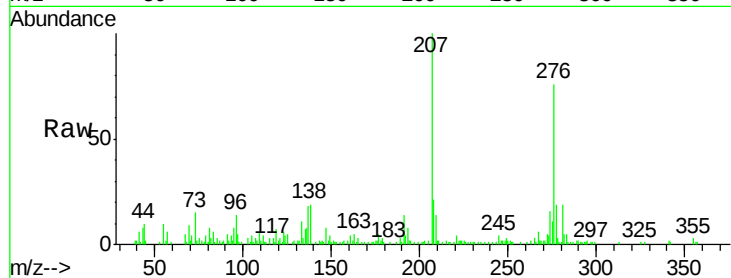
Tot Ion:276 Resp: 76652

Ion Ratio Lower Upper

276 100

138 25.4 15.3 22.9#

277 25.1 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

