

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000292.D
 Acq On : 09 Mar 2018 21:11
 Operator : JU/SJ
 Sample : J1844-11
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 23:52:18 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN030918MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Mar 09 23:47:40 2018
 Response via : Initial Calibration

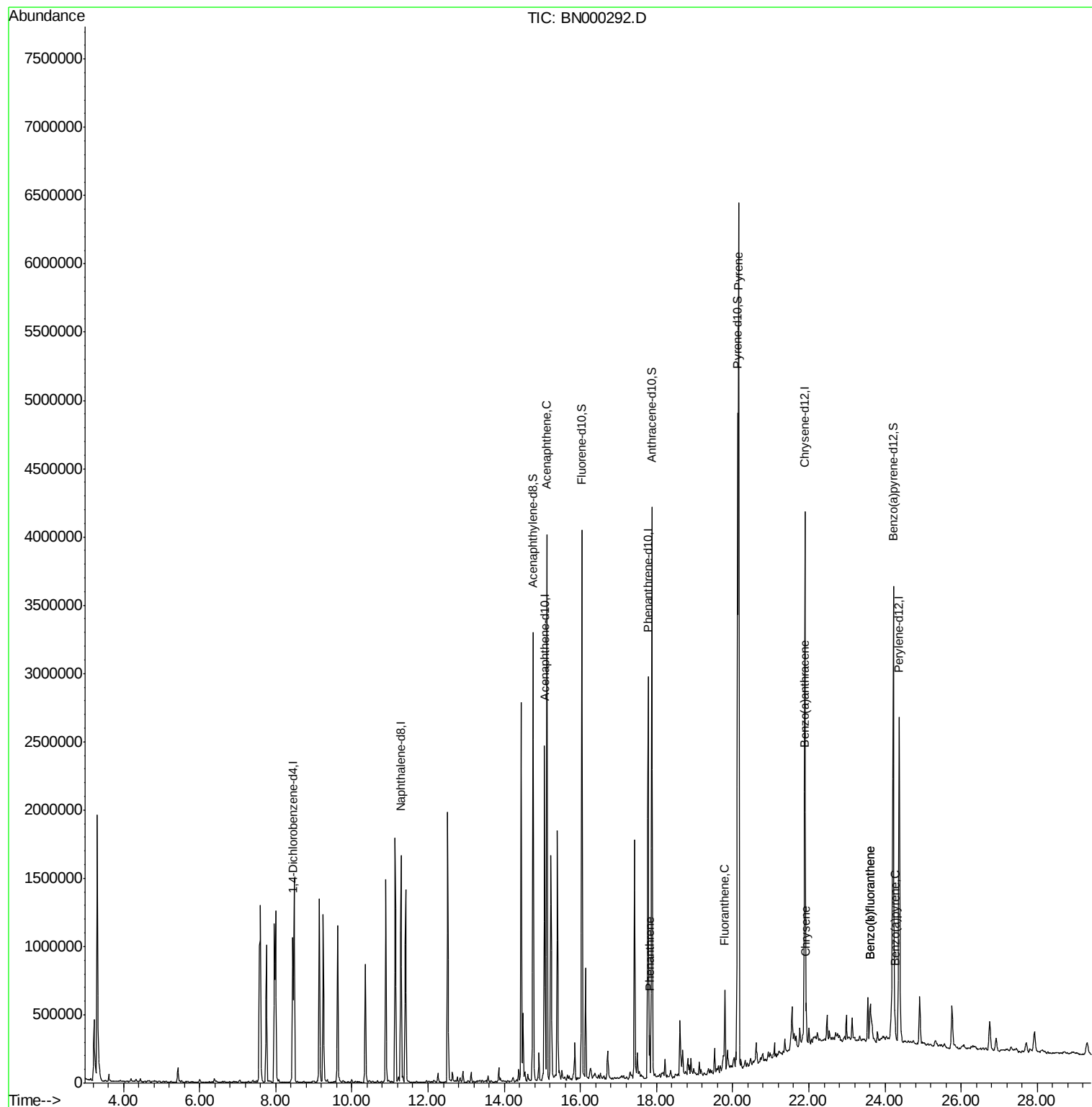
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	280912	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1375830	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	789181	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1662386	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1655050	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1681111	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	2203274	28.13	ng/ul	0.00
10) Fluorene-d10	16.04	176	1478113	27.87	ng/ul	0.00
14) Anthracene-d10	17.87	188	2180357	28.07	ng/ul	0.00
18) Pyrene-d10	20.13	212	2379834	29.39	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2232914	29.09	ng/ul	0.00
Target Compounds				Ovalue		
9) Acenaphthene	15.12	153	1559736	28.471	ng/ul	96
13) Phenanthrene	17.82	178	176049	1.847	ng/ul	98
16) Fluoranthene	19.80	202	315114	3.059	ng/ul	95
19) Pyrene	20.16	202	3390159	32.444	ng/ul#	87
20) Benzo(a)anthracene	21.87	228	161151	1.566	ng/ul	96
21) Chrysene	21.93	228	174020	1.782	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	284355	2.837	ng/ul#	94
24) Benzo(k)fluoranthene	23.62	252	284355	3.030	ng/ul#	94
26) Benzo(a)pyrene	24.26	252	133342	1.398	ng/ul#	92

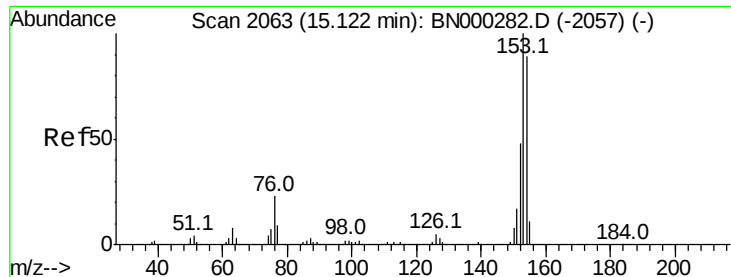
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#9

Acenaphthene

Concen: 28.471 ng/ul

RT: 15.12 min Scan# 2063

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

ClientSampled :

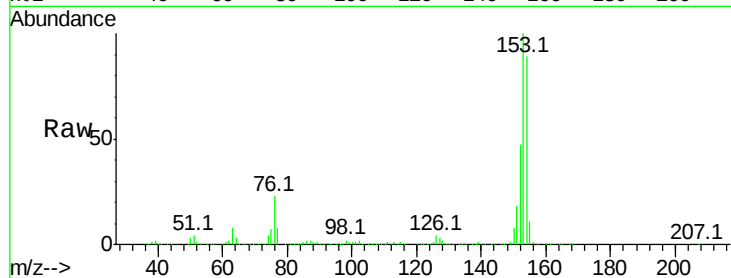
Tot Ion:153 Resp: 1559736

Ion Ratio Lower Upper

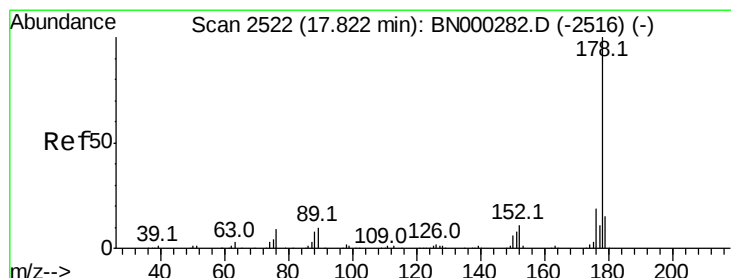
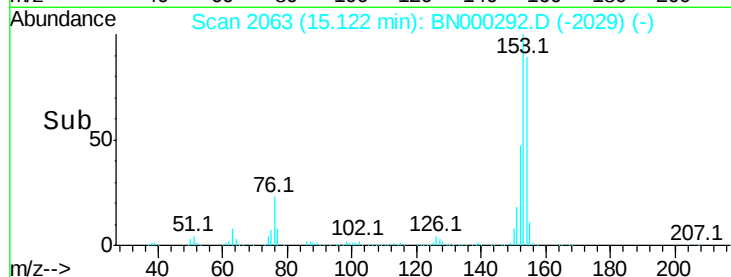
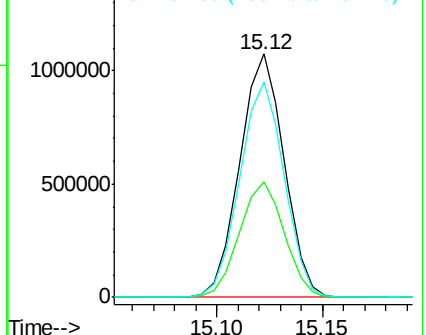
153 100

152 47.3 39.0 58.6

154 88.7 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: 1.847 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

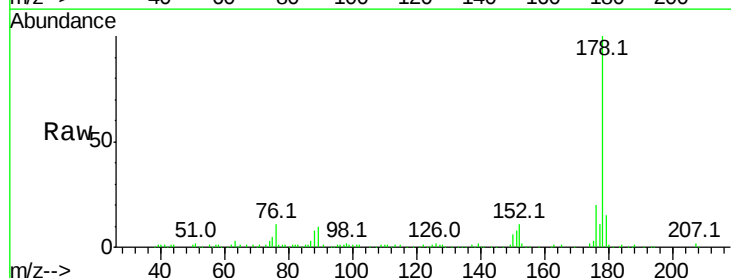
Tgt Ion:178 Resp: 176049

Ion Ratio Lower Upper

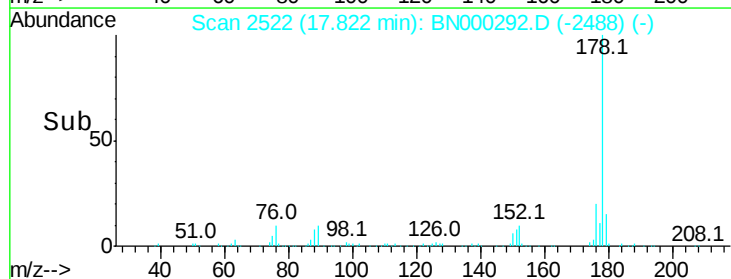
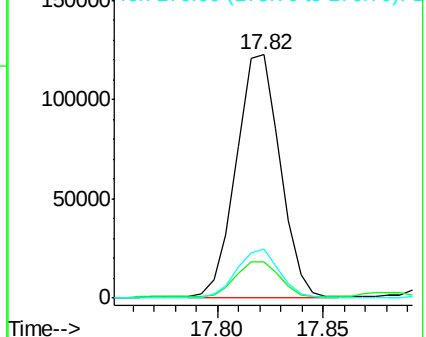
178 100

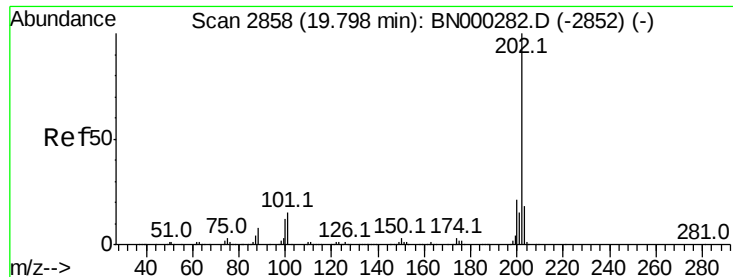
179 15.1 12.3 18.5

176 19.9 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

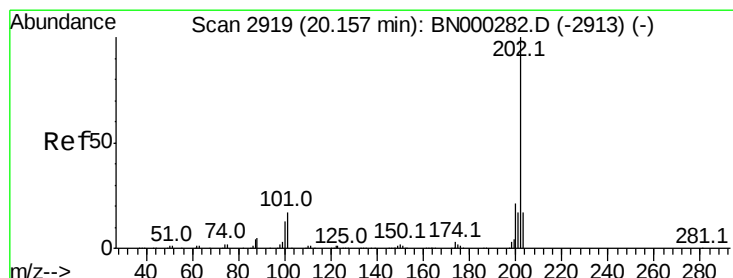
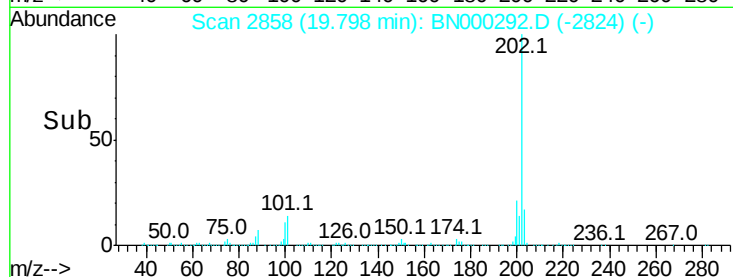
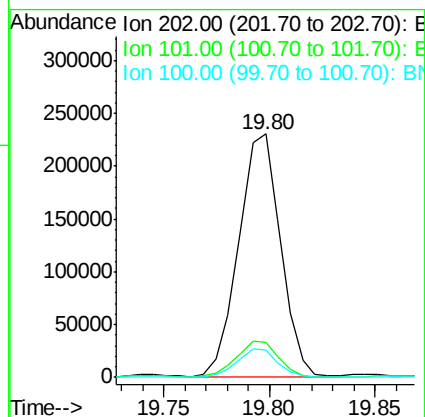
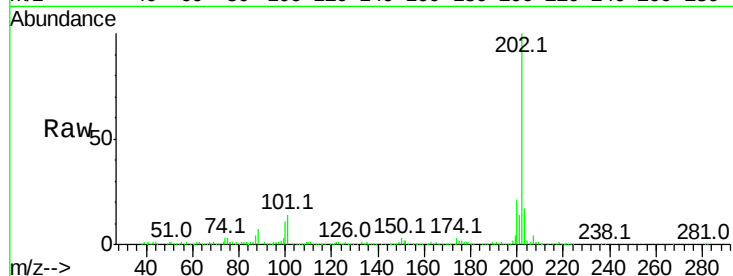




#16
Fluoranthene
Concen: 3.059 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

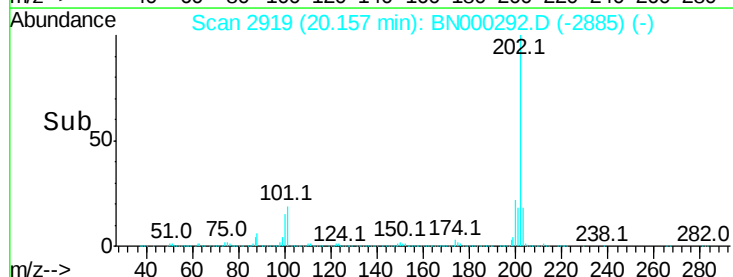
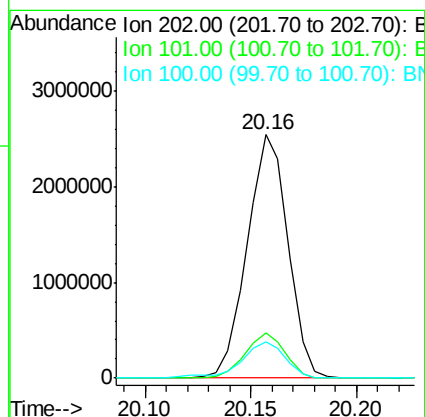
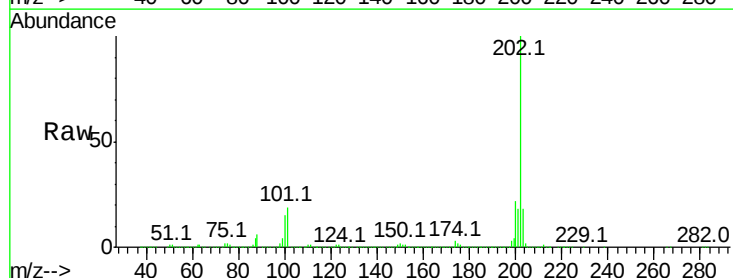
Instrument :
BNA_N
ClientSampleId :

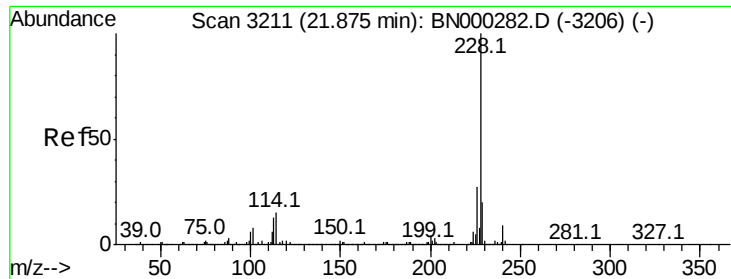
Tot Ion:202 Resp: 315114
Ion Ratio Lower Upper
202 100
101 14.3 9.9 14.9
100 11.0 7.4 11.0



#19
Pyrene
Concen: 32.444 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

Tgt Ion:202 Resp: 3390159
Ion Ratio Lower Upper
202 100
101 18.6 11.0 16.4#
100 15.0 8.1 12.1#

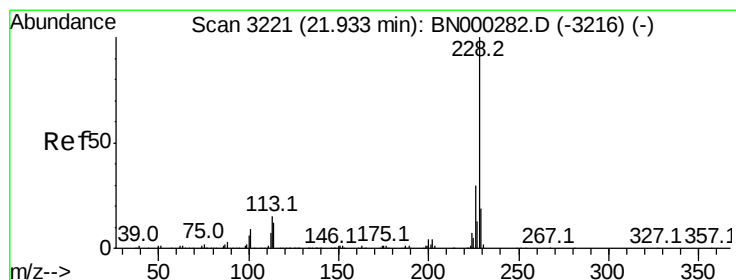
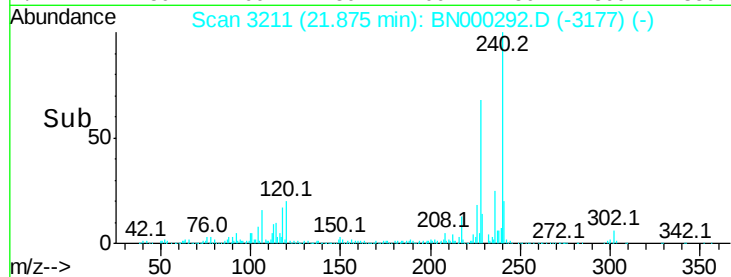
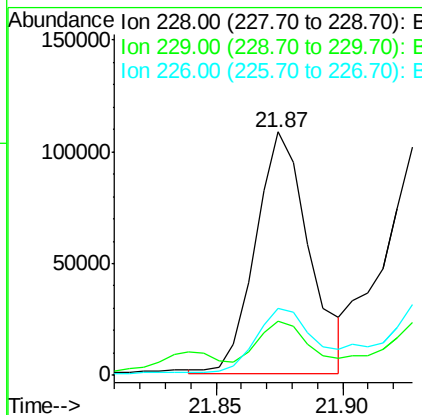
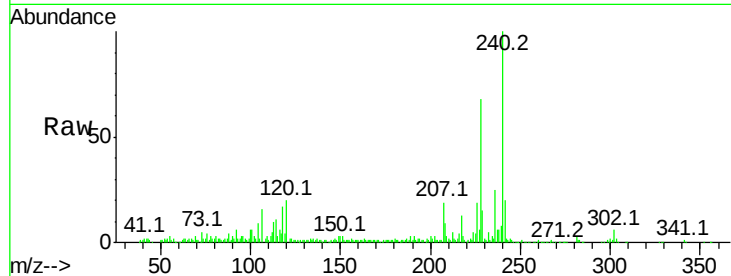




#20
Benzo(a)anthracene
Concen: 1.566 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

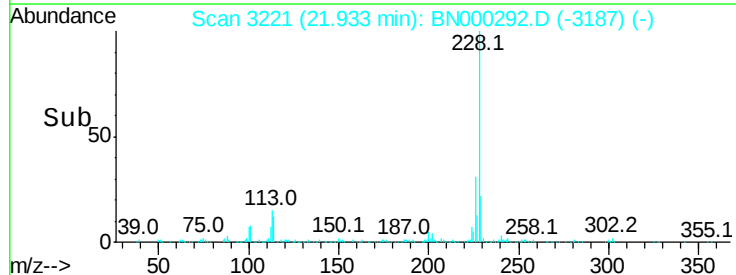
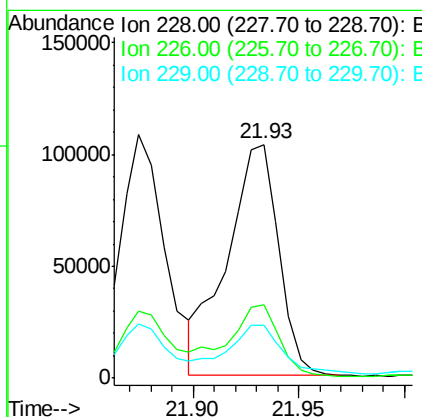
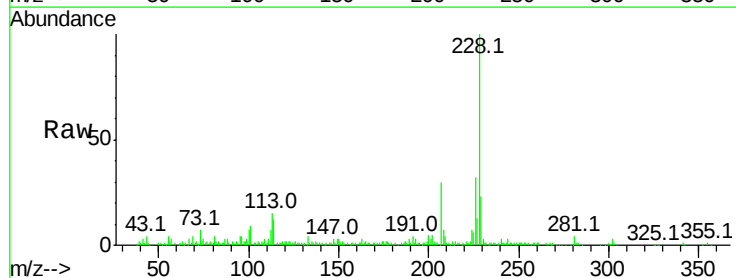
Instrument :
BNA_N
ClientSampleId :

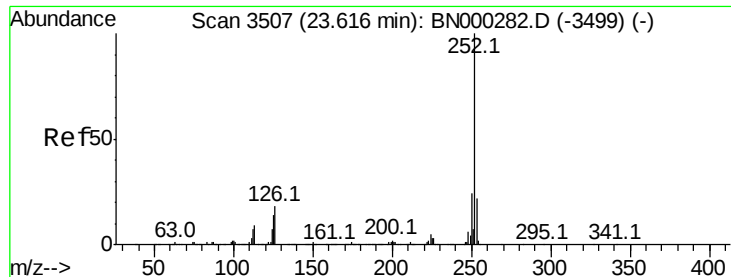
Tot Ion	Ratio	Lower	Upper
228	100		
229	22.2	15.7	23.5
226	27.5	21.1	31.7



#21
Chrysene
Concen: 1.782 ng/ul
RT: 21.93 min Scan# 3221
Delta R.T. -0.00 min
Lab File: BN000292.D
Acq: 09 Mar 2018 21:11

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.5	24.5	36.7
229	22.6	15.8	23.8





#23

Benzo(b)fluoranthene

Concen: 2.837 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

ClientSampleId :

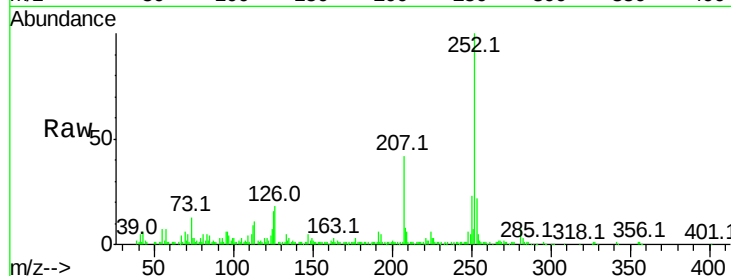
Tot Ion:252 Resp: 284355

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

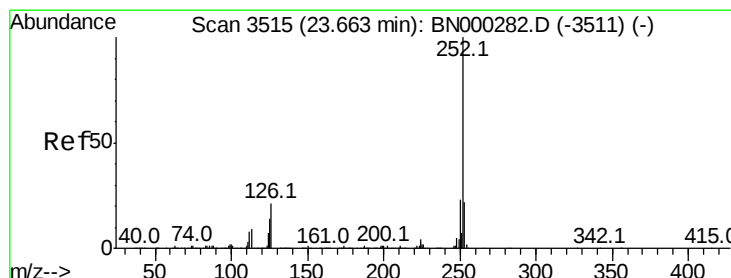
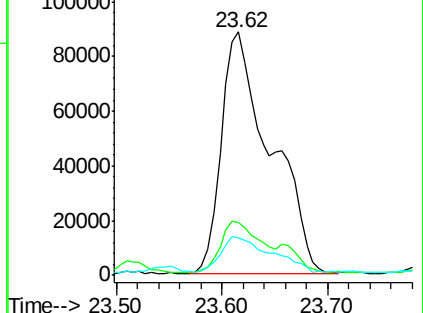
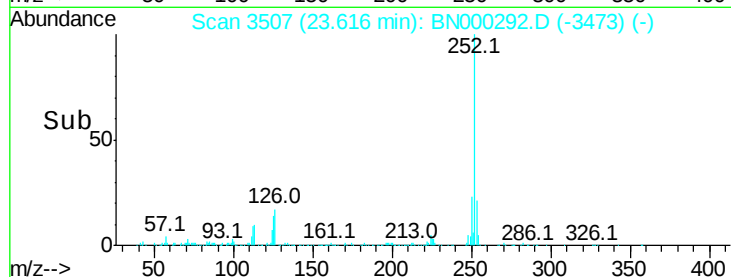
125 15.5 8.0 12.0#



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: 3.030 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

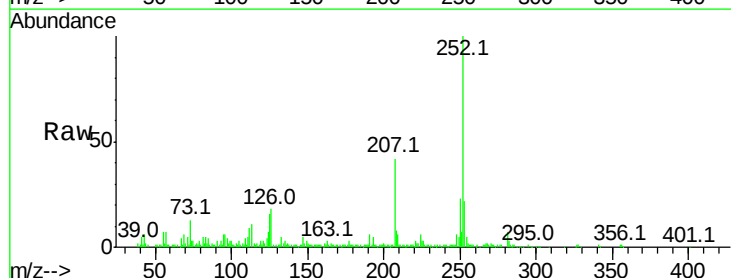
Tgt Ion:252 Resp: 284355

Ion Ratio Lower Upper

252 100

253 21.5 18.0 27.0

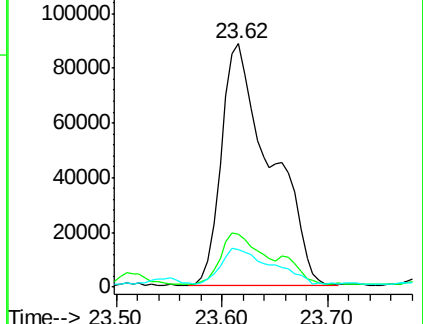
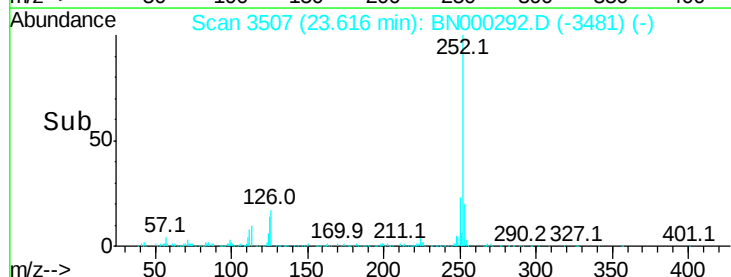
125 15.5 8.1 12.1#

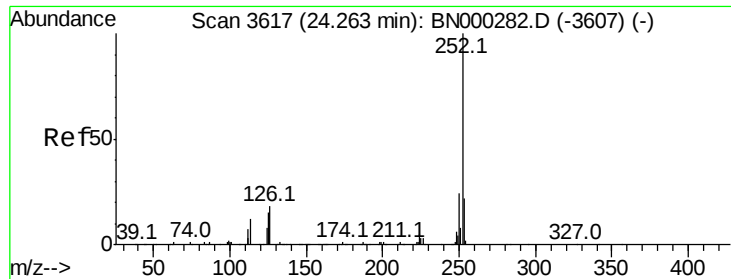


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#26

Benzo(a)pyrene

Concen: 1.398 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000292.D

Acq: 09 Mar 2018 21:11

Instrument :

BNA_N

ClientSampleId :

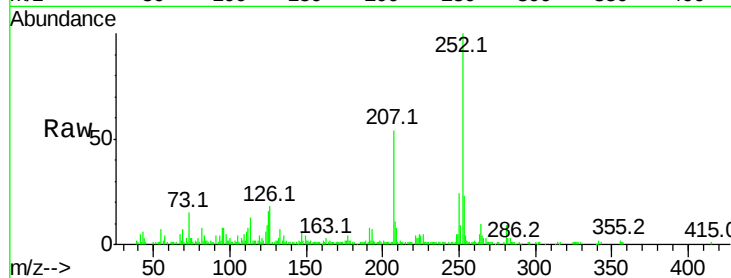
Tot Ion:252 Resp: 133342

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

125 16.5 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

