

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000298.D
 Acq On : 10 Mar 2018 00:37
 Operator : JU/SJ
 Sample : J1844-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 10 02:38:54 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

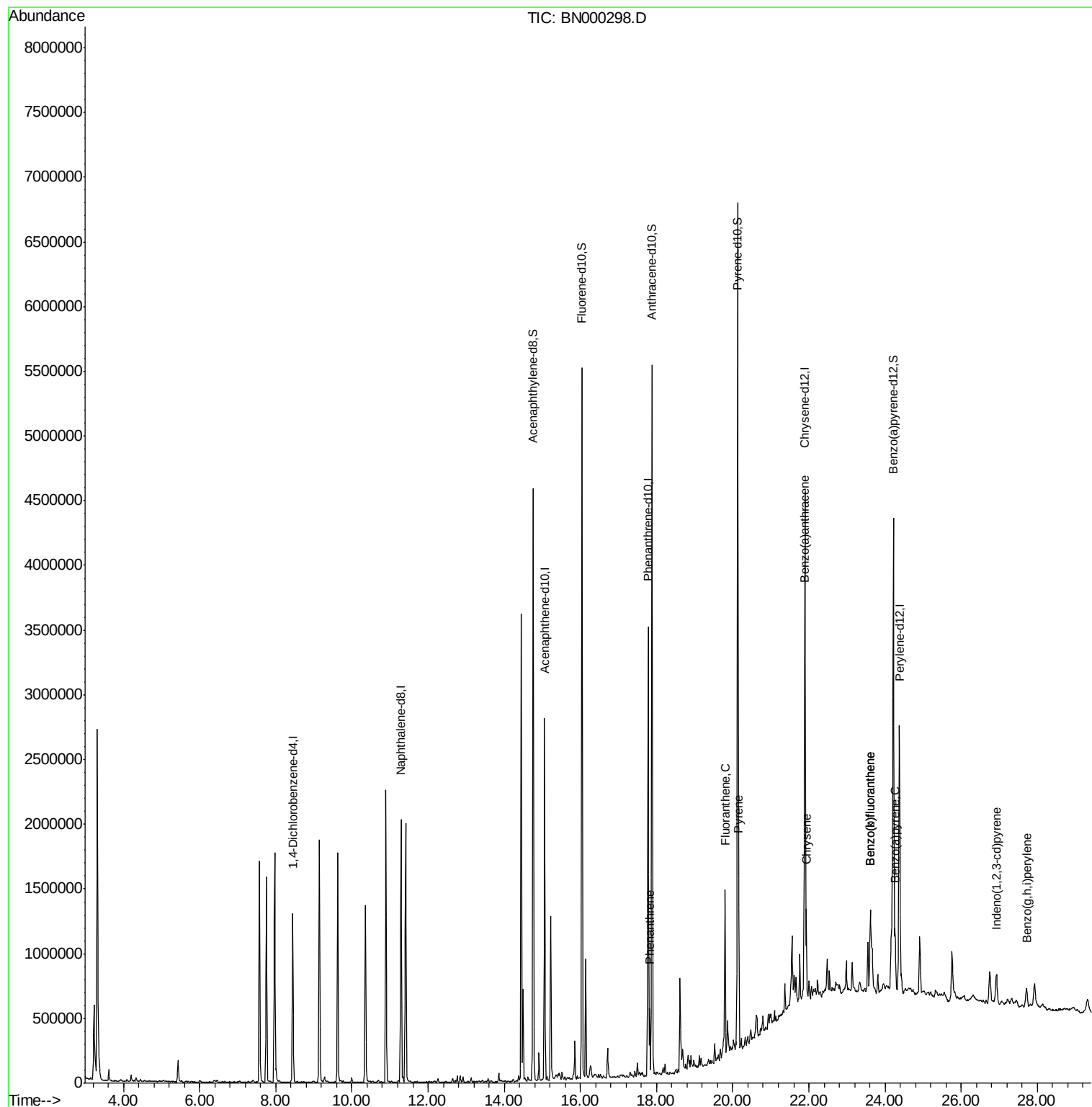
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	360653	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1667741	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	910142	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1841424	20.00	ng/ul	0.00
17) Chrysene-d12	21.90	240	1712617	20.00	ng/ul	0.00
22) Perylene-d12	24.38	264	1525209	20.00	ng/ul	0.01
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	3196134	35.38	ng/ul	0.00
10) Fluorene-d10	16.04	176	2058519	33.65	ng/ul	0.00
14) Anthracene-d10	17.88	188	2965939	34.47	ng/ul	0.00
18) Pyrene-d10	20.13	212	3083799	36.81	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	2494410	35.81	ng/ul	0.01
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	282461	2.675	ng/ul	99
16) Fluoranthene	19.80	202	707184	6.198	ng/ul#	93
19) Pyrene	20.16	202	641371	5.932	ng/ul#	89
20) Benzo(a)anthracene	21.88	228	386914	3.634	ng/ul	97
21) Chrysene	21.93	228	369197	3.654	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	664070	7.302	ng/ul#	95
24) Benzo(k)fluoranthene	23.62	252	664070	7.800	ng/ul#	96
26) Benzo(a)pyrene	24.27	252	318442	3.679	ng/ul#	93
27) Indeno(1,2,3-cd)pyrene	26.92	276	201741	2.162	ng/ul#	83
29) Benzo(g,h,i)perylene	27.72	276	178690	2.293	ng/ul#	88

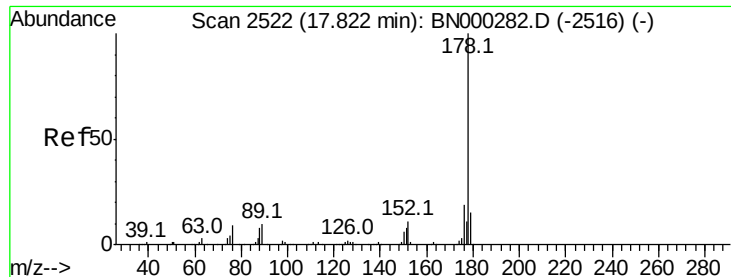
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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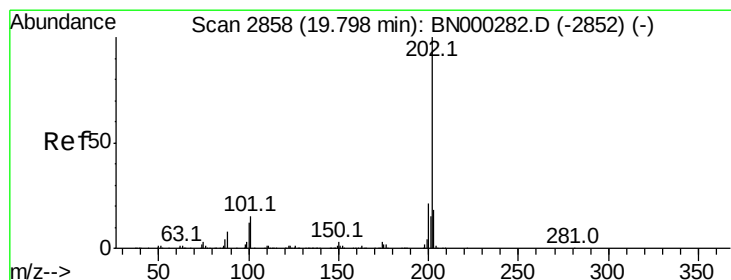
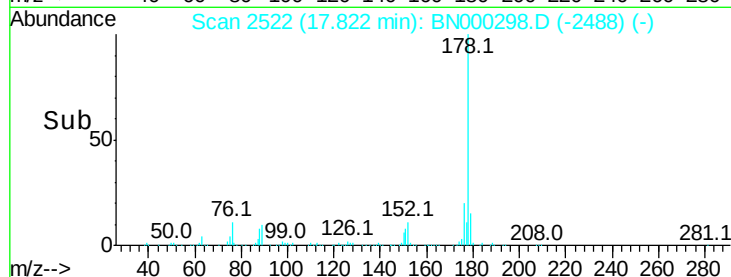
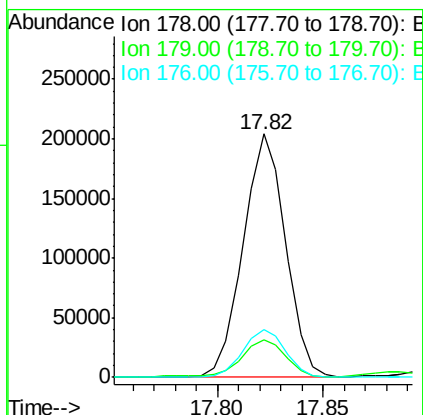
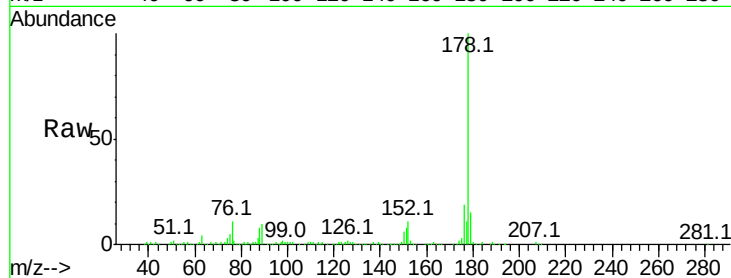




#13
Phenanthrene
Concen: 2.675 ng/ul
RT: 17.82 min Scan# 2522
Delta R.T. -0.00 min
Lab File: BN000298.D
Acq: 10 Mar 2018 00:37

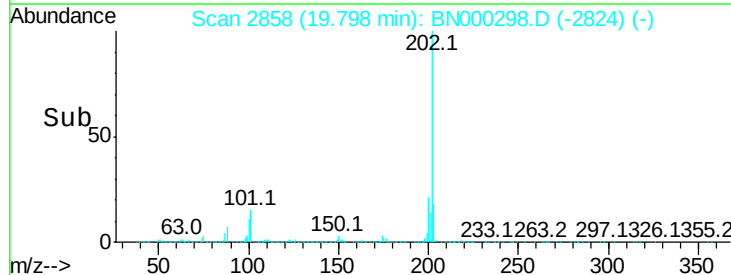
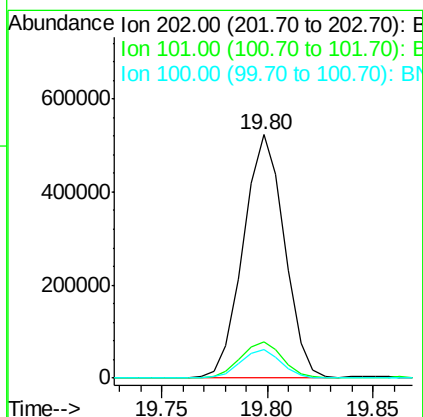
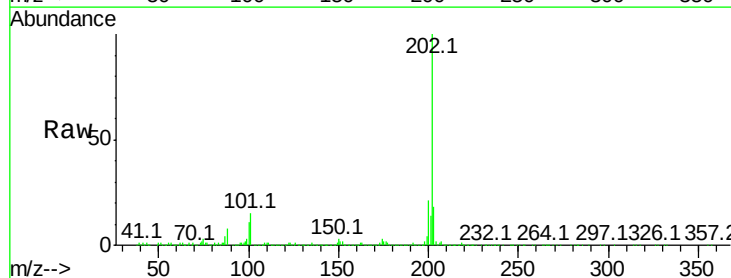
Instrument :
BNA_N
ClientSampled :

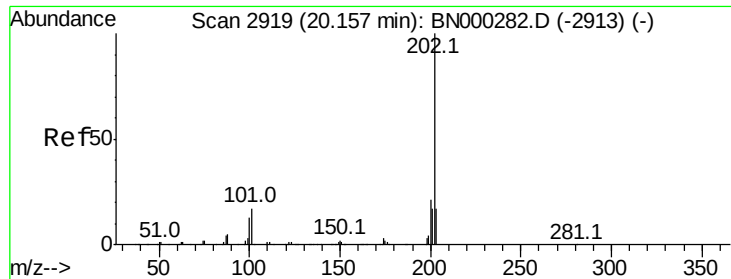
Tot Ion:178 Resp: 282461
Ion Ratio Lower Upper
178 100
179 15.4 12.3 18.5
176 19.5 15.1 22.7



#16
Fluoranthene
Concen: 6.198 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000298.D
Acq: 10 Mar 2018 00:37

Tgt Ion:202 Resp: 707184
Ion Ratio Lower Upper
202 100
101 15.1 9.9 14.9#
100 11.5 7.4 11.0#





#19

Pvrene

Concen: 5.932 ng/ul

RT: 20.16 min Scan# 2919

Delta R.T. -0.00 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

Instrument :

BNA_N

ClientSampleId :

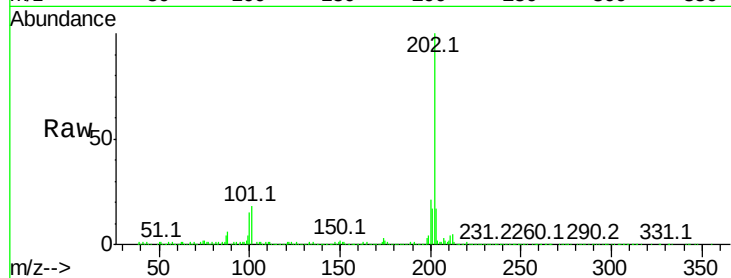
Tot Ion:202 Resp: 641371

Ion Ratio Lower Upper

202 100

101 17.8 11.0 16.4#

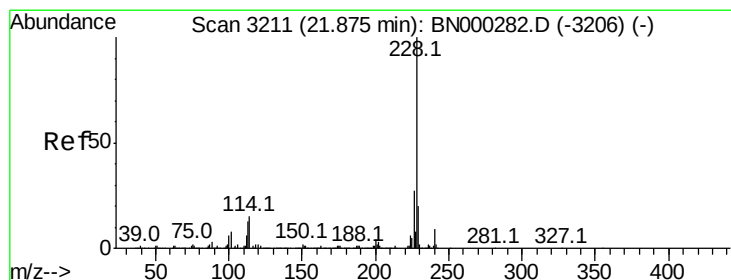
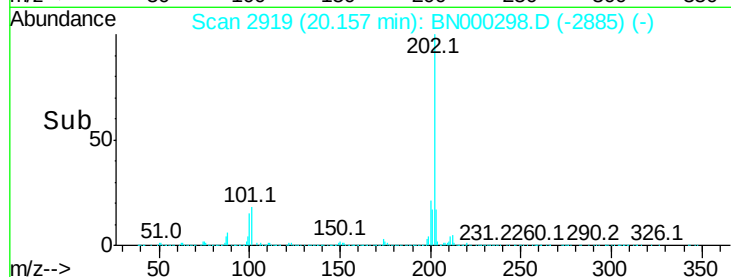
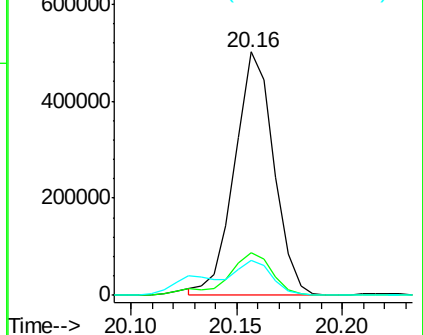
100 14.6 8.1 12.1#



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: 3.634 ng/ul

RT: 21.88 min Scan# 3212

Delta R.T. 0.01 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

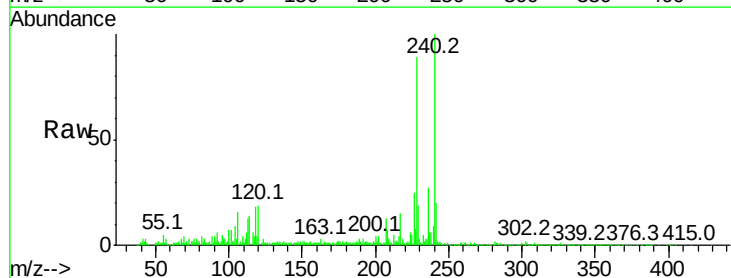
Tgt Ion:228 Resp: 386914

Ion Ratio Lower Upper

228 100

229 20.7 15.7 23.5

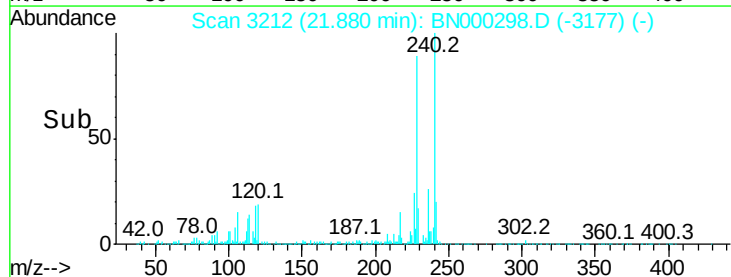
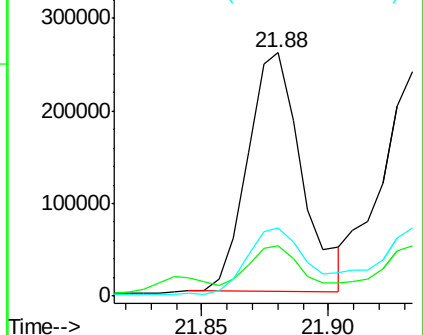
226 27.9 21.1 31.7

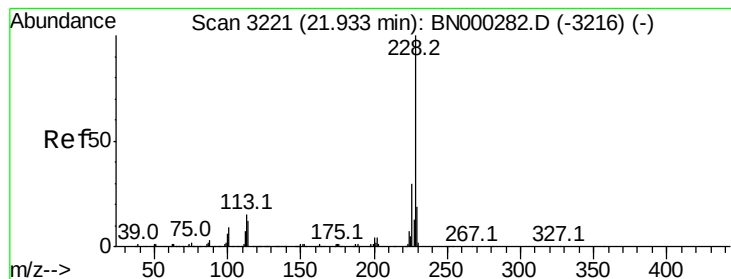


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#21

Chrysene

Concen: 3.654 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

Instrument :

BNA_N

ClientSampleId :

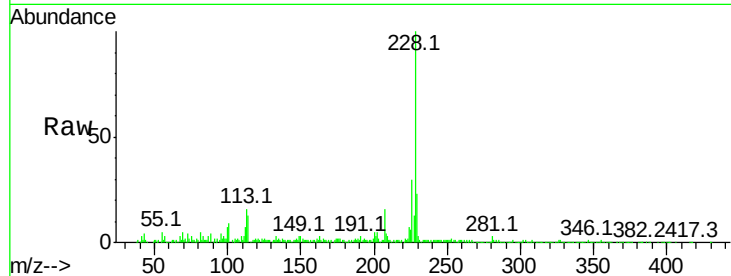
Tot Ion:228 Resp: 369197

Ion Ratio Lower Upper

228 100

226 30.1 24.5 36.7

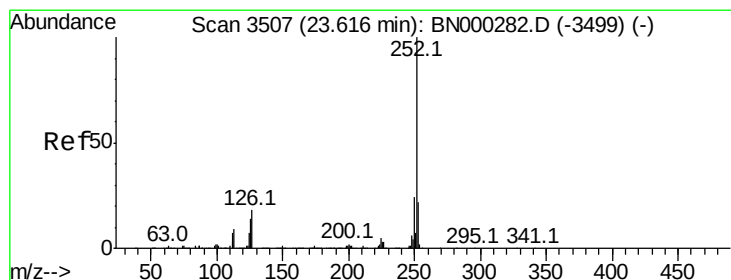
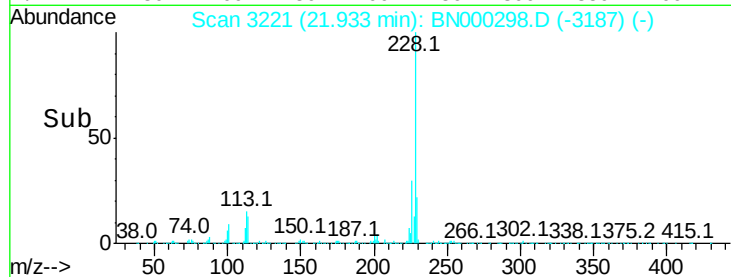
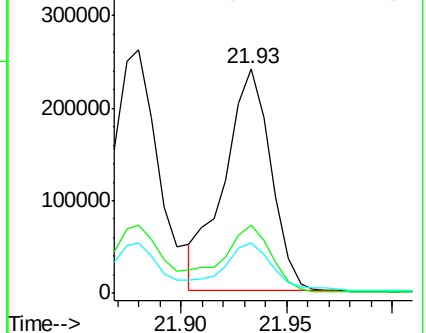
229 22.6 15.8 23.8



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: 7.302 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. 0.01 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

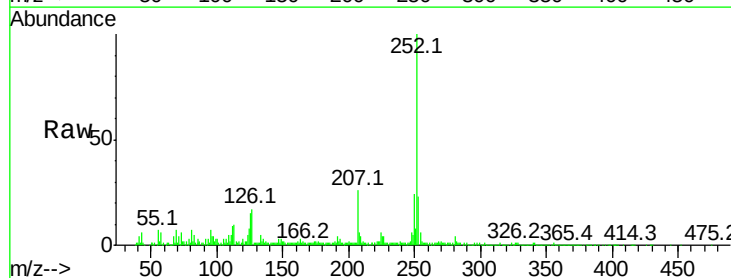
Tgt Ion:252 Resp: 664070

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

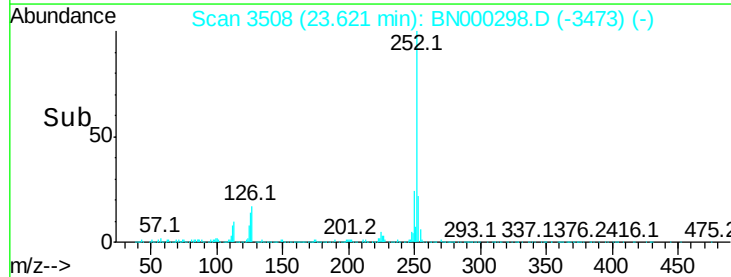
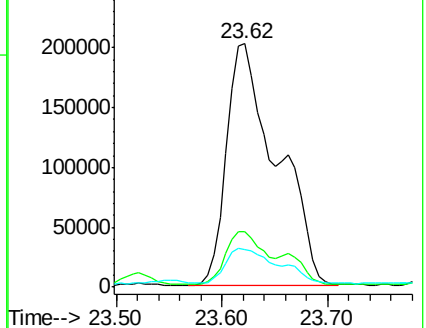
125 15.2 8.0 12.0#

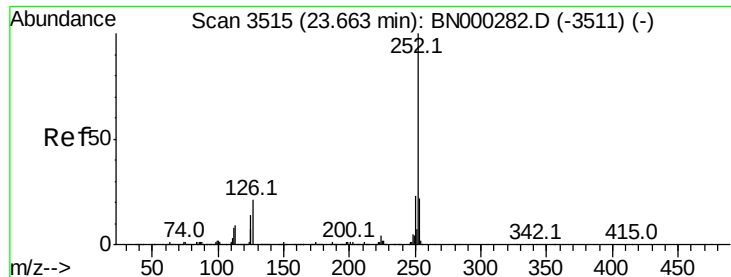


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 7.800 ng/ul

RT: 23.62 min Scan# 3508

Delta R.T. -0.04 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

Instrument :

BNA_N

ClientSampleId :

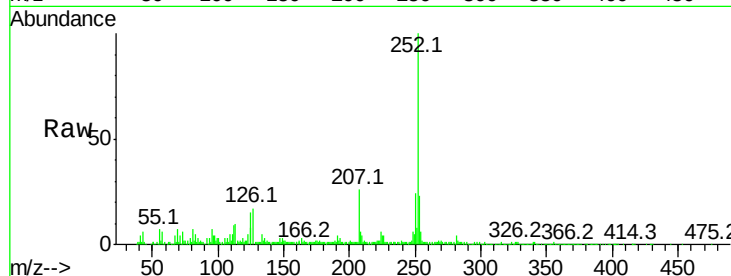
Tot Ion:252 Resp: 664070

Ion Ratio Lower Upper

252 100

253 22.7 18.0 27.0

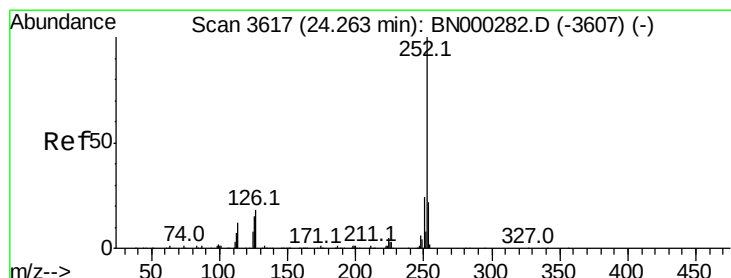
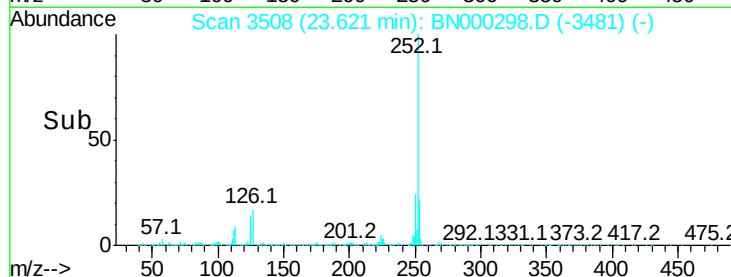
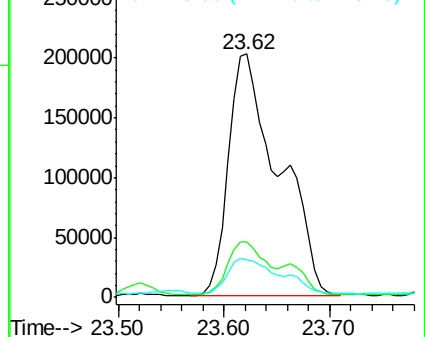
125 15.2 8.1 12.1#



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: 3.679 ng/ul

RT: 24.27 min Scan# 3618

Delta R.T. 0.01 min

Lab File: BN000298.D

Acq: 10 Mar 2018 00:37

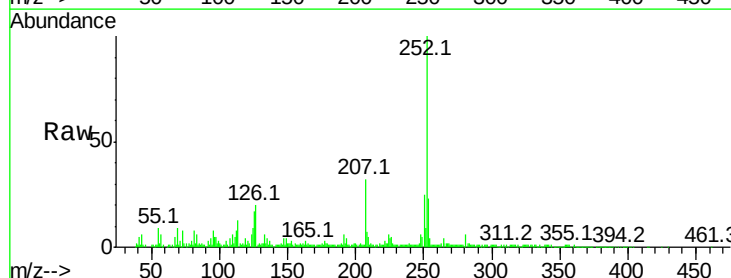
Tgt Ion:252 Resp: 318442

Ion Ratio Lower Upper

252 100

253 22.7 17.2 25.8

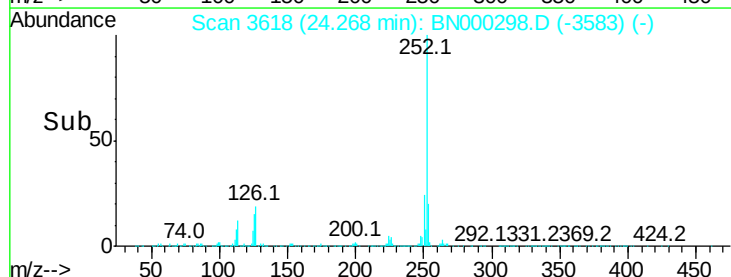
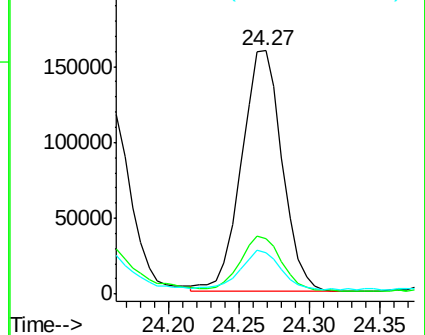
125 16.9 8.2 12.4#

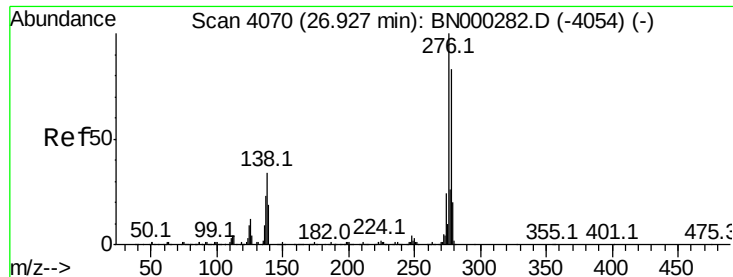


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

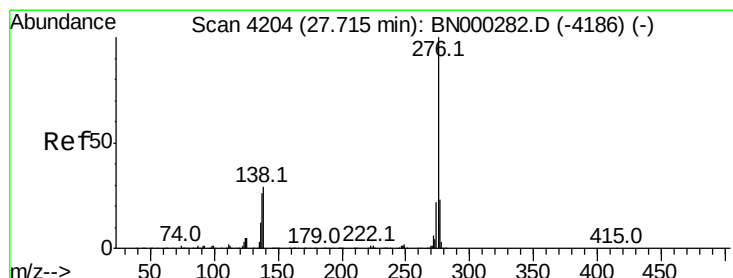
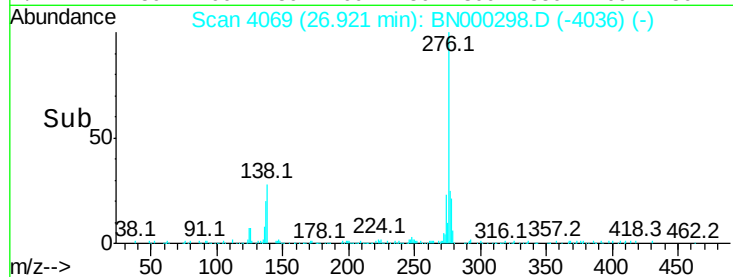
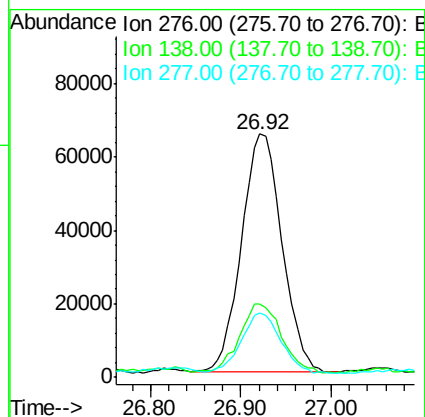
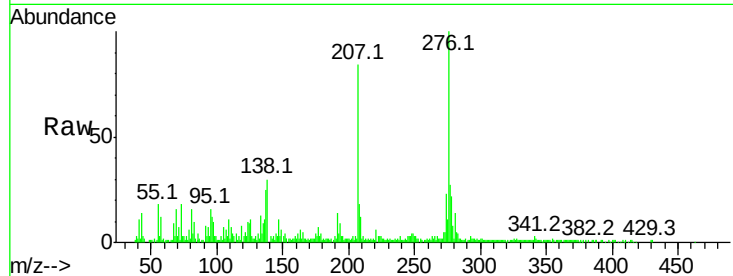




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 2.162 ng/ul
 RT: 26.92 min Scan# 4069
 Delta R.T. -0.01 min
 Lab File: BN000298.D
 Acq: 10 Mar 2018 00:37

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	30.3	14.4	21.6#
277	26.7	18.0	27.0



#29
 Benzo(g,h,i)perylene
 Concen: 2.293 ng/ul
 RT: 27.72 min Scan# 4204
 Delta R.T. -0.00 min
 Lab File: BN000298.D
 Acq: 10 Mar 2018 00:37

Tgt Ion	Ratio	Lower	Upper
276	100		
138	30.8	15.3	22.9#
277	24.0	19.0	28.4

