

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000294.D
 Acq On : 09 Mar 2018 22:19
 Operator : JU/SJ
 Sample : J1844-15
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 23:52:40 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

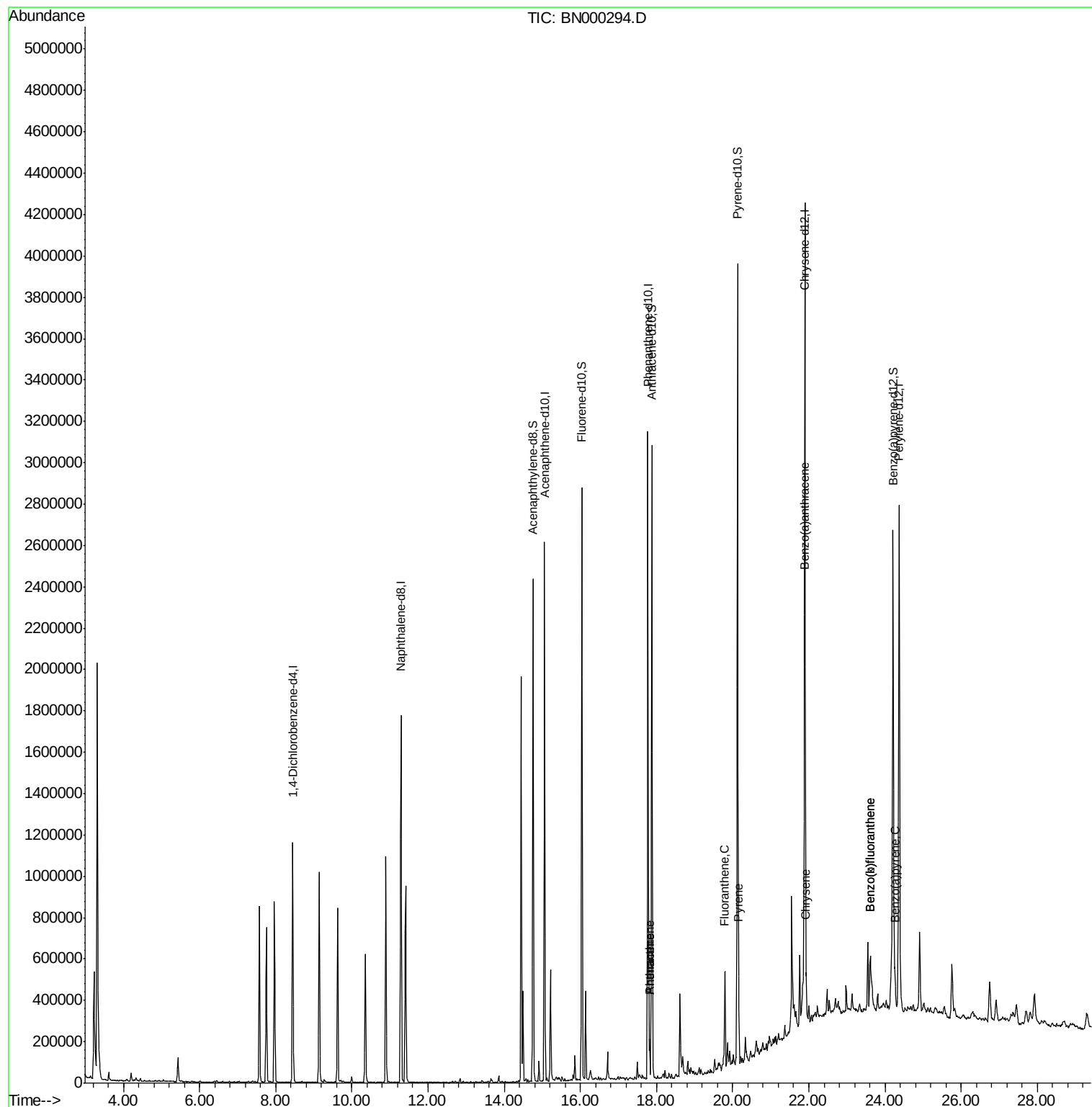
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	313425	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1472269	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	822177	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.77	188	1724393	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1690834	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1654975	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1598440	19.59	ng/ul	0.00
10) Fluorene-d10	16.04	176	1074297	19.44	ng/ul	0.00
14) Anthracene-d10	17.87	188	1586564	19.69	ng/ul	0.00
18) Pyrene-d10	20.13	212	1706672	20.63	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1538954	20.36	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	105478	1.067	ng/ul	99
15) Anthracene	17.82	178	106155	1.058	ng/ul	99
16) Fluoranthene	19.80	202	261398	2.446	ng/ul	95
19) Pyrene	20.16	202	215910	2.023	ng/ul#	91
20) Benzo(a)anthracene	21.87	228	127090	1.209	ng/ul	96
21) Chrysene	21.93	228	131384	1.317	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	213029	2.159	ng/ul#	95
24) Benzo(k)fluoranthene	23.62	252	213029	2.306	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	126942	1.352	ng/ul#	92

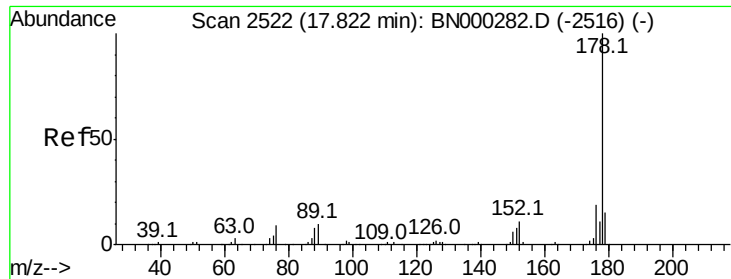
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.067 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

Instrument :

BNA_N

ClientSampled :

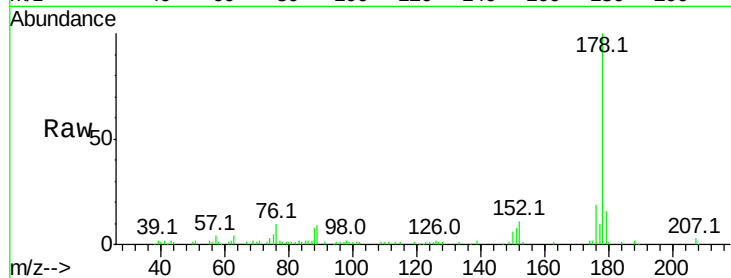
Tot Ion:178 Resp: 105478

Ion Ratio Lower Upper

178 100

179 15.6 12.3 18.5

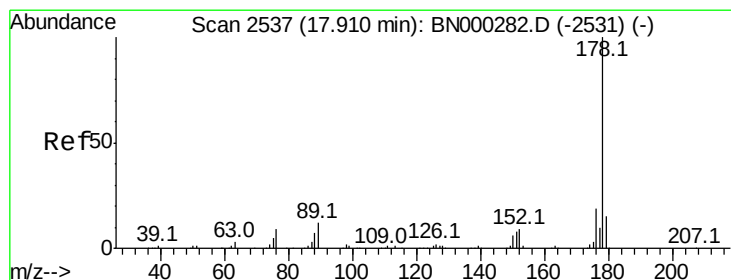
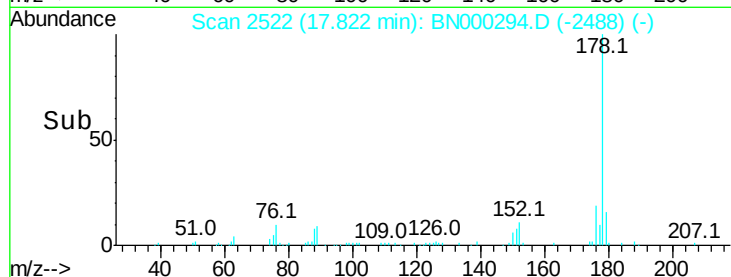
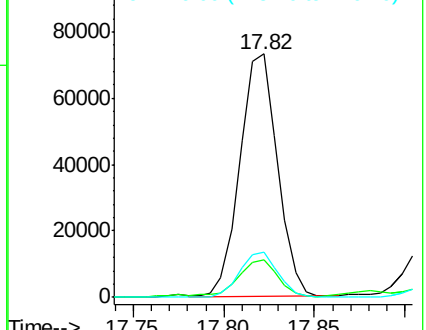
176 18.6 15.1 22.7



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: 1.058 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.09 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

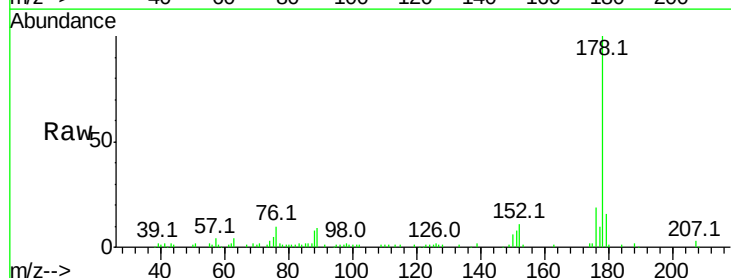
Tgt Ion:178 Resp: 106155

Ion Ratio Lower Upper

178 100

179 15.6 11.8 17.8

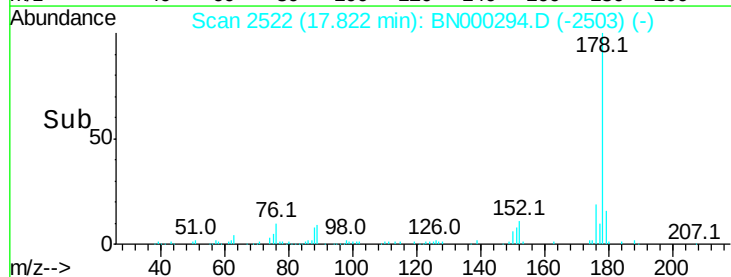
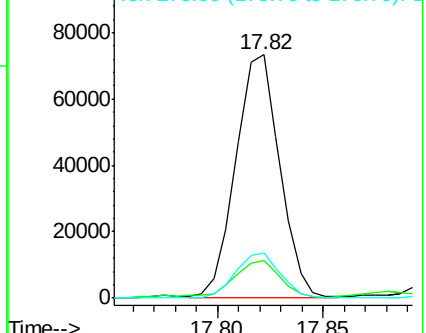
176 18.6 15.2 22.8

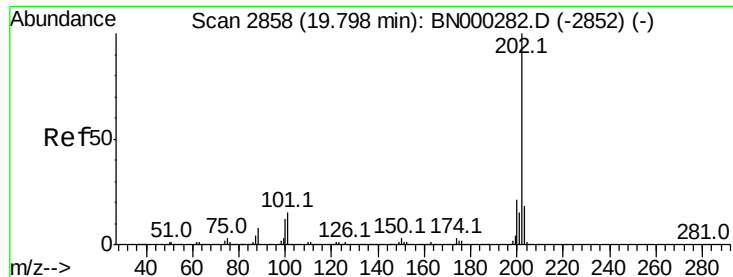


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

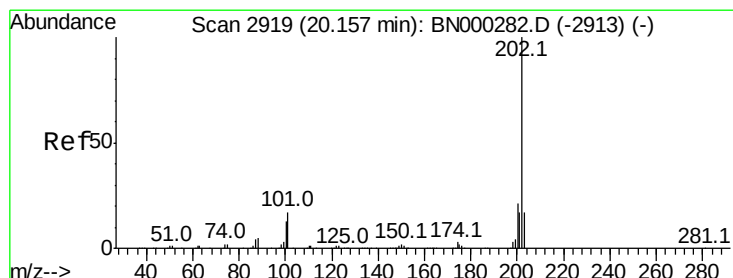
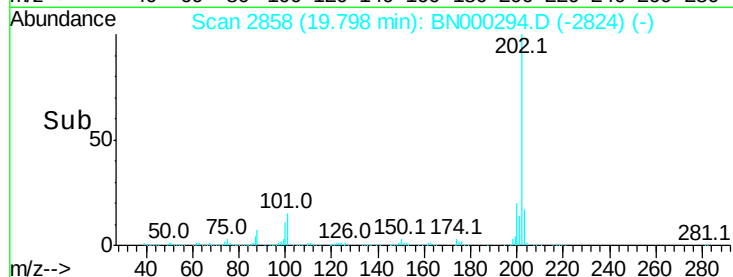
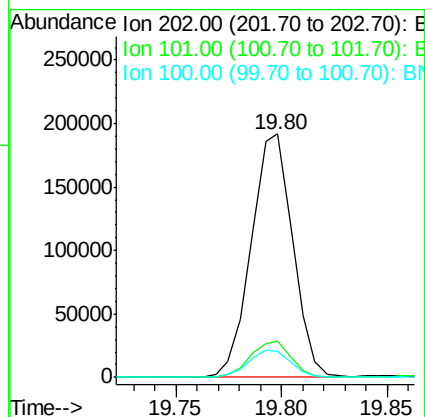
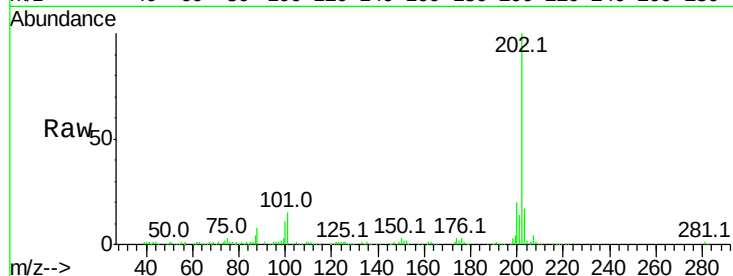




#16
Fluoranthene
Concen: 2.446 ng/ul
RT: 19.80 min Scan# 2858
Delta R.T. -0.00 min
Lab File: BN000294.D
Acq: 09 Mar 2018 22:19

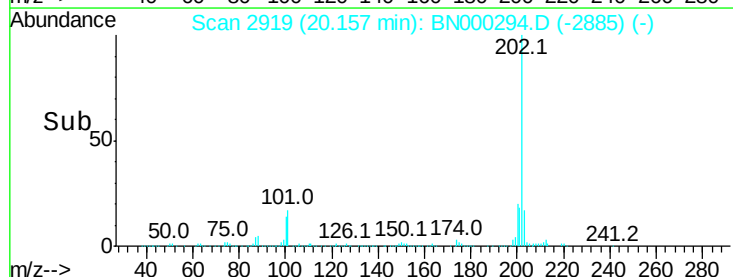
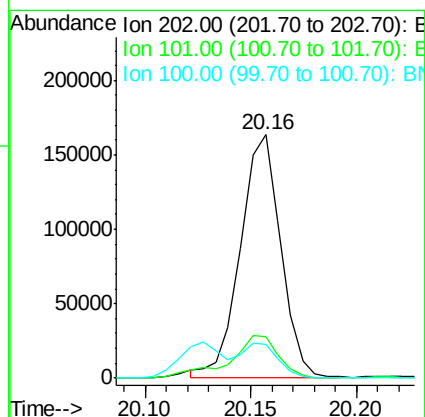
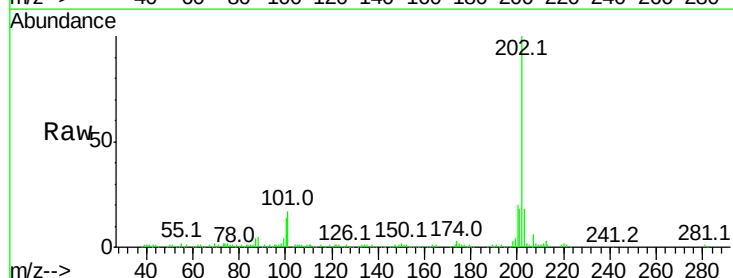
Instrument :
BNA_N
ClientSampled :

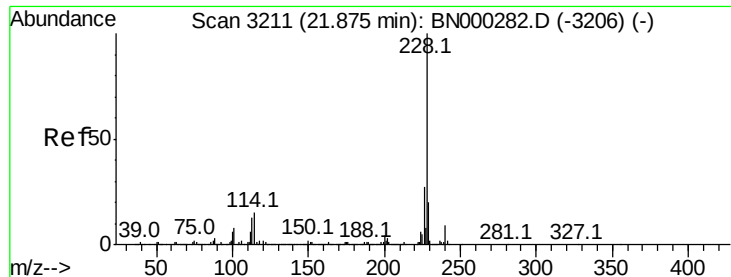
Tot Ion	Ratio	Lower	Upper
202	100		
101	14.9	9.9	14.9
100	10.6	7.4	11.0



#19
Pyrene
Concen: 2.023 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000294.D
Acq: 09 Mar 2018 22:19

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.8	11.0	16.4#
100	14.1	8.1	12.1#





#20

Benzo(a)anthracene

Concen: 1.209 ng/ul

RT: 21.87 min Scan# 3211

Delta R.T. -0.00 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

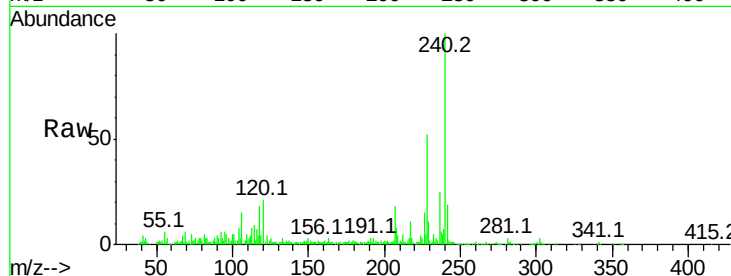
Instrument :

BNA_N

ClientSampleId :

Tot Ion:228 Resp: 127090

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.7	23.5
226	28.4	21.1	31.7

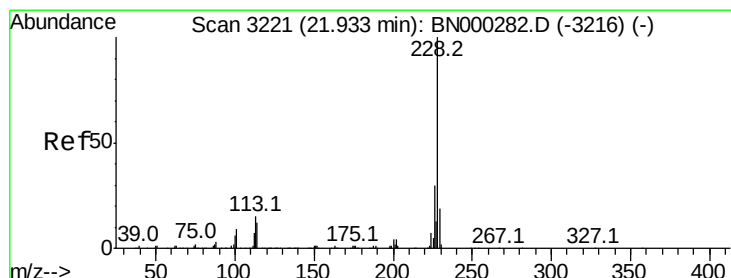
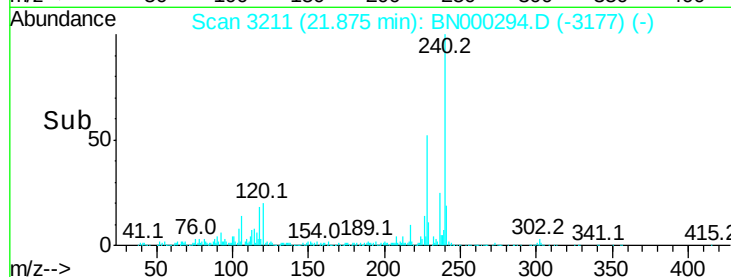
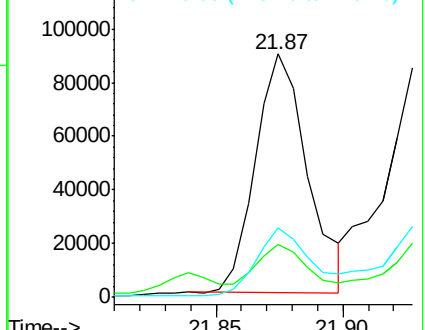


Abundance

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: 1.317 ng/ul

RT: 21.93 min Scan# 3220

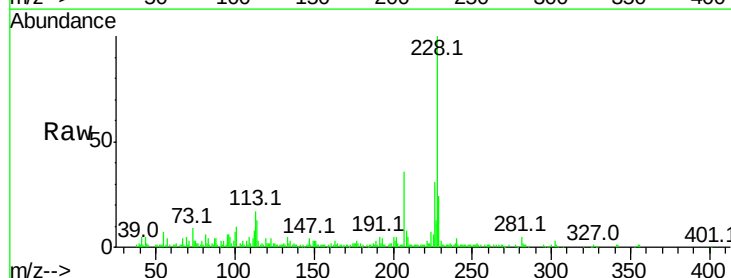
Delta R.T. -0.01 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

Tgt Ion:228 Resp: 131384

Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.5	36.7
229	23.5	15.8	23.8

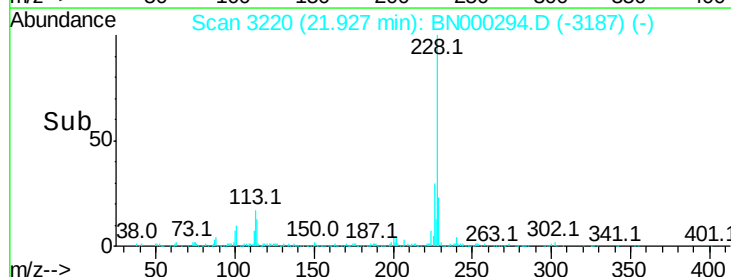
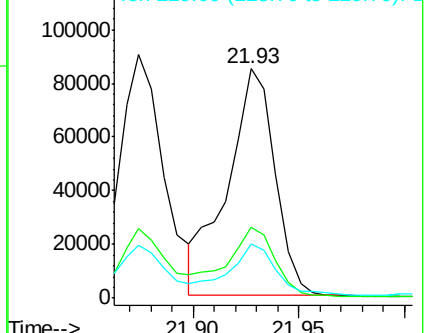


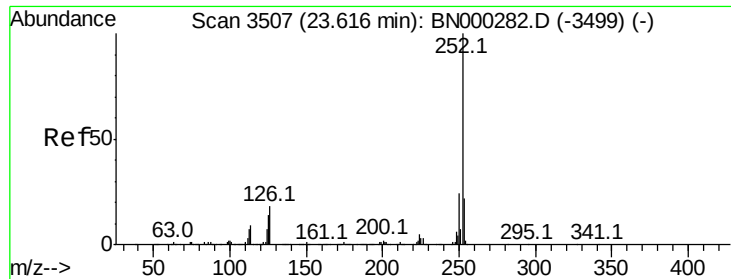
Abundance

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: 2.159 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

Instrument :

BNA_N

ClientSampled :

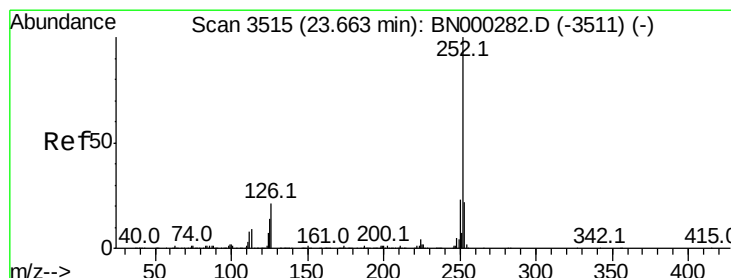
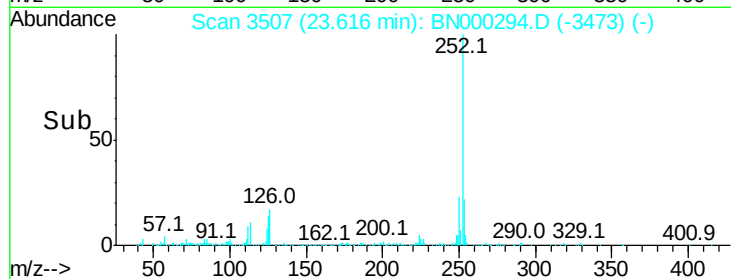
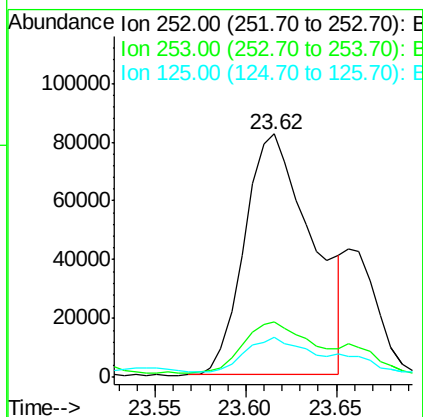
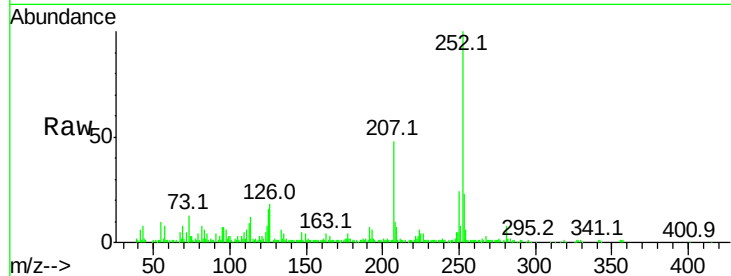
Tot Ion:252 Resp: 213029

Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 16.2 8.0 12.0#



#24

Benzo(k)fluoranthene

Concen: 2.306 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.05 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

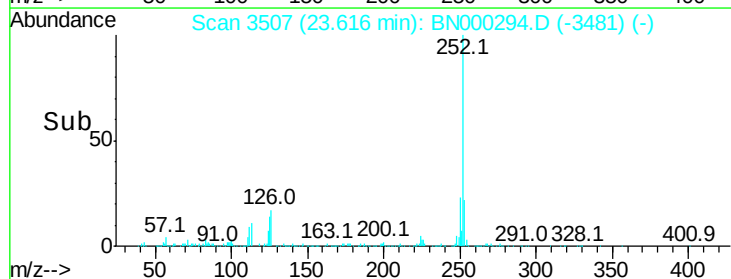
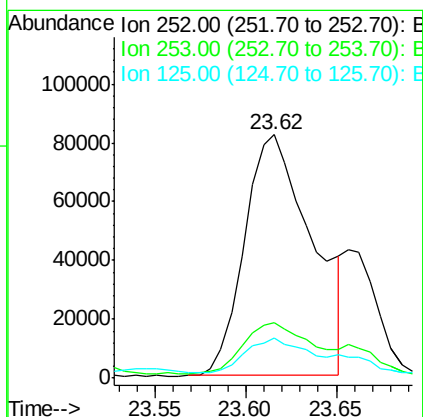
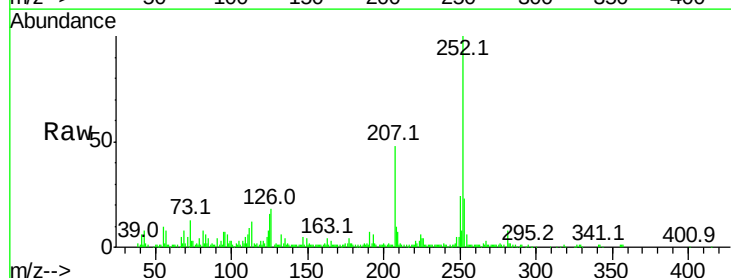
Tgt Ion:252 Resp: 213029

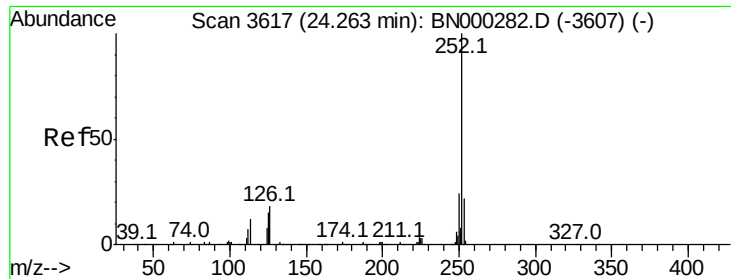
Ion Ratio Lower Upper

252 100

253 22.6 18.0 27.0

125 16.2 8.1 12.1#





#26

Benzo(a)pyrene

Concen: 1.352 ng/ul

RT: 24.26 min Scan# 3616

Delta R.T. -0.01 min

Lab File: BN000294.D

Acq: 09 Mar 2018 22:19

Instrument :

BNA_N

ClientSampleId :

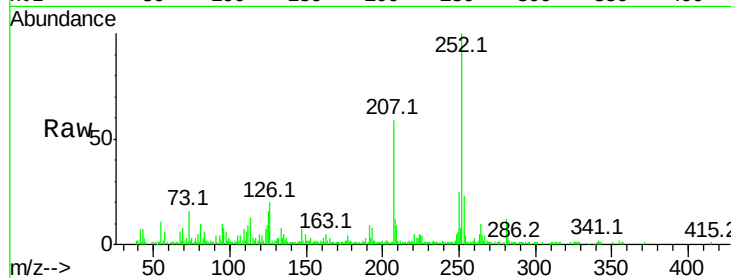
Tot Ion:252 Resp: 126942

Ion Ratio Lower Upper

252 100

253 23.2 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

