

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000297.D
 Acq On : 10 Mar 2018 00:02
 Operator : JU/SJ
 Sample : J1844-12
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 10 02:38:41 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

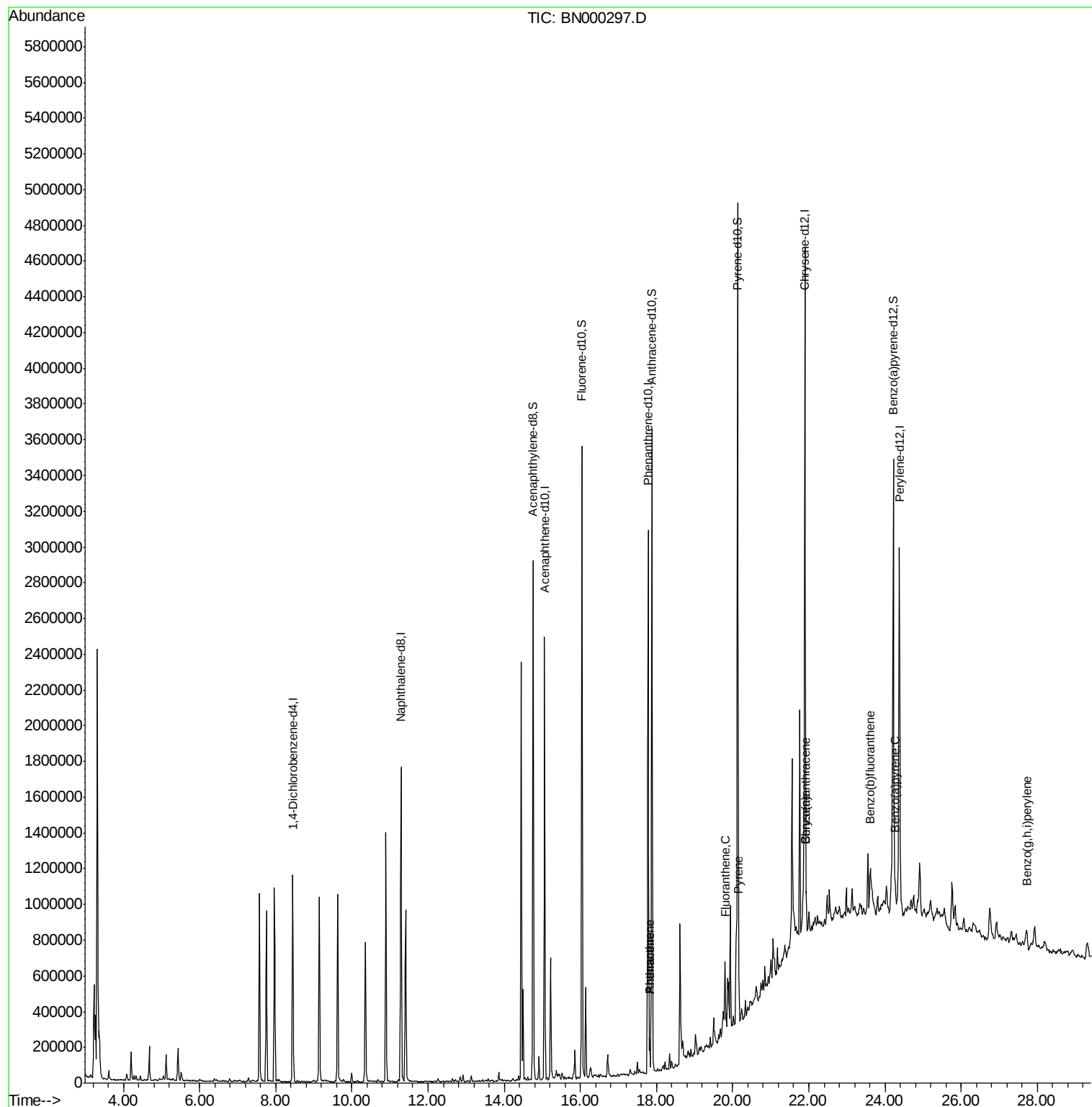
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.45	152	313849	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1442002	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	793251	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1657182	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1600411	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1413187	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	14.76	160	1968742	25.01	ng/ul	0.00
10) Fluorene-d10	16.04	176	1293154	24.26	ng/ul	0.00
14) Anthracene-d10	17.87	188	1933409	24.97	ng/ul	0.00
18) Pyrene-d10	20.13	212	2093270	26.74	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.22	264	1668057	25.85	ng/ul	0.00
Target Compounds				Ovalue		
13) Phenanthrene	17.82	178	99978	1.052	ng/ul	97
15) Anthracene	17.82	178	101132	1.049	ng/ul	97
16) Fluoranthene	19.80	202	217259	2.116	ng/ul	96
19) Pyrene	20.16	202	181964	1.801	ng/ul#	90
20) Benzo(a)anthracene	21.93	228	120304	1.209	ng/ul	92
21) Chrysene	21.93	228	120226	1.273	ng/ul	97
23) Benzo(b)fluoranthene	23.62	252	214167	2.541	ng/ul#	90
26) Benzo(a)pyrene	24.26	252	98244	1.225	ng/ul#	79
29) Benzo(g,h,i)perylene	27.72	276	100349	1.390	ng/ul#	82

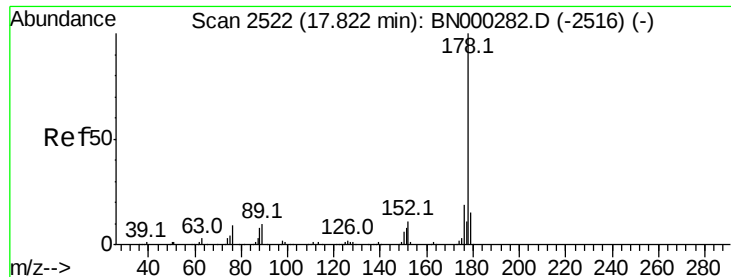
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.052 ng/ul

RT: 17.82 min Scan# 2522

Delta R.T. -0.00 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

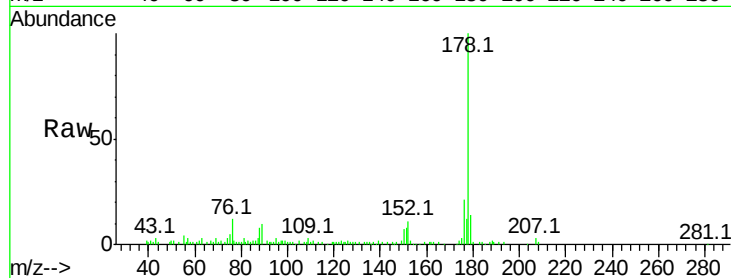
Instrument :

BNA_N

ClientSampled :

Tot Ion:178 Resp: 99978

Ion	Ratio	Lower	Upper
178	100		
179	14.4	12.3	18.5
176	20.6	15.1	22.7

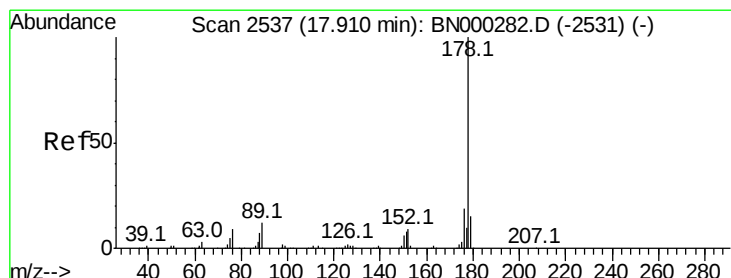
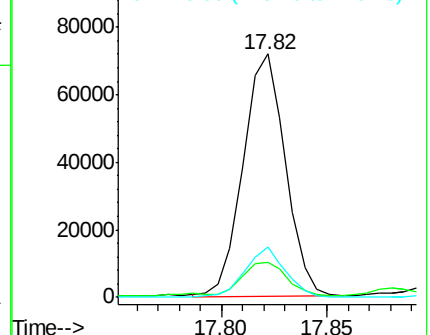
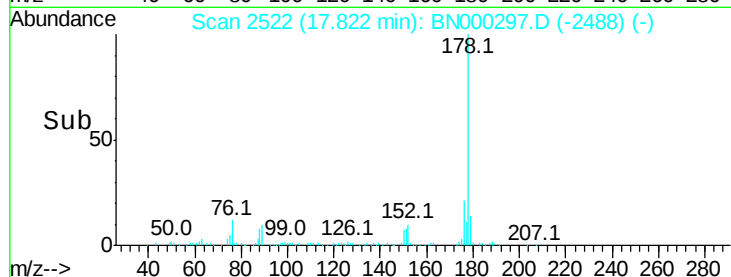


Abundance

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: 1.049 ng/ul

RT: 17.82 min Scan# 2522

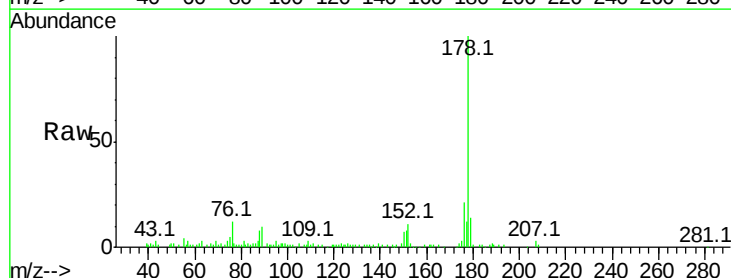
Delta R.T. -0.09 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

Tgt Ion:178 Resp: 101132

Ion	Ratio	Lower	Upper
178	100		
179	14.4	11.8	17.8
176	20.6	15.2	22.8

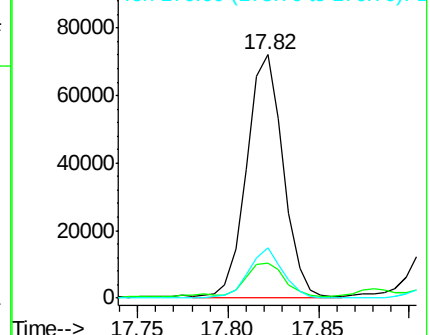
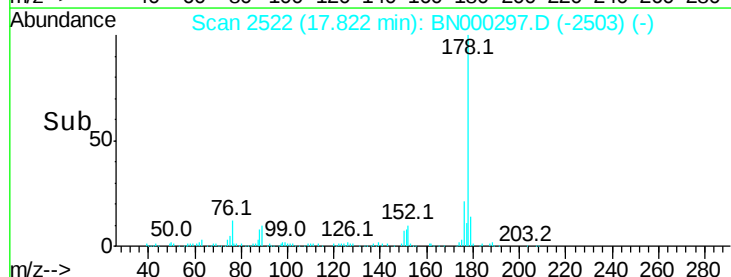


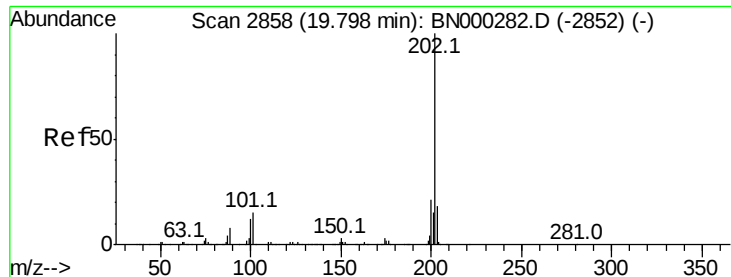
Abundance

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

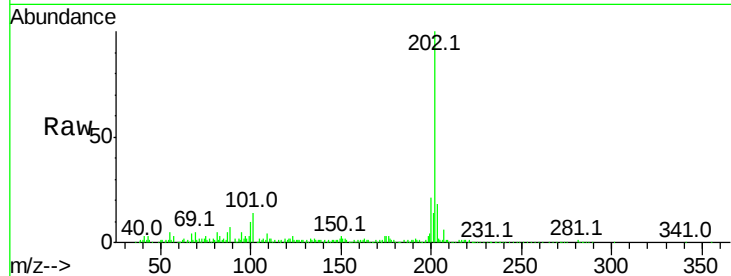




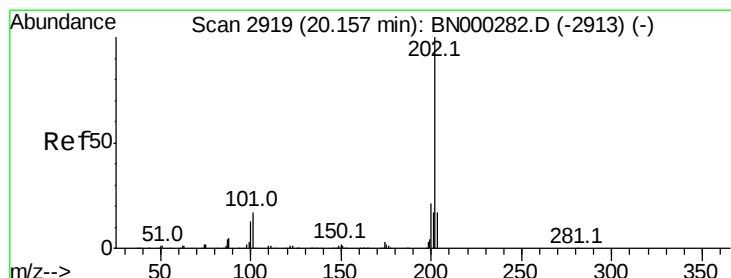
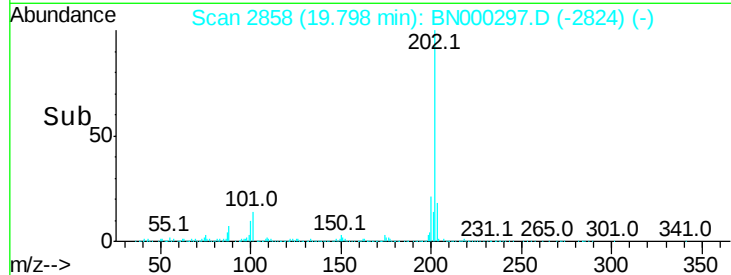
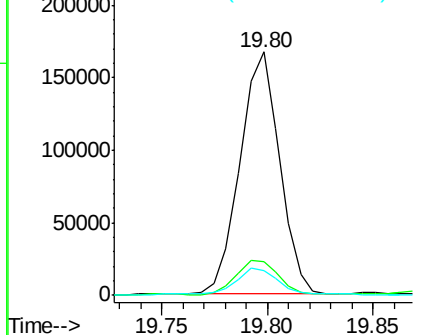
#16
 Fluoranthene
 Concen: 2.116 ng/ul
 RT: 19.80 min Scan# 2858
 Delta R.T. -0.00 min
 Lab File: BN000297.D
 Acq: 10 Mar 2018 00:02

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	14.0	9.9	14.9
100	10.2	7.4	11.0

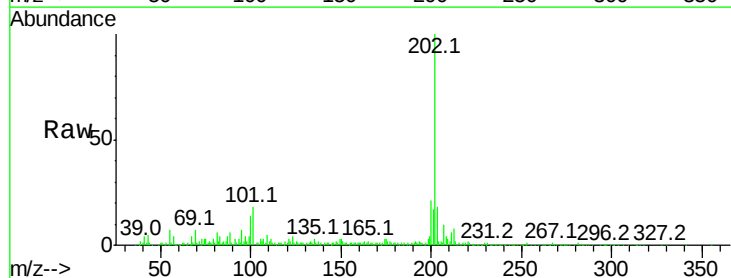


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

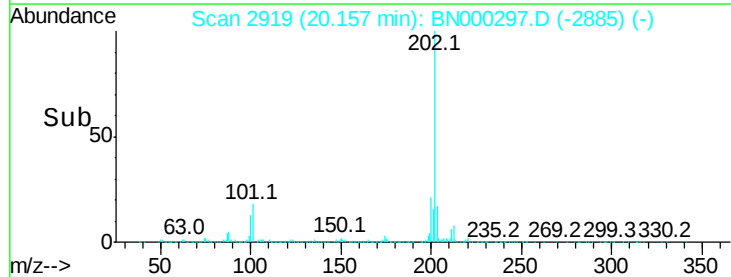
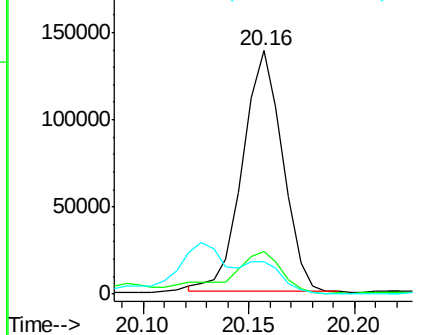


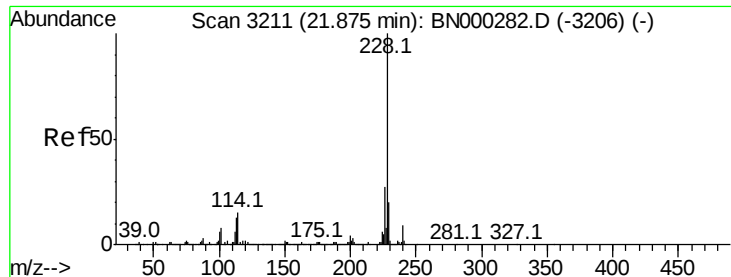
#19
 Pyrene
 Concen: 1.801 ng/ul
 RT: 20.16 min Scan# 2919
 Delta R.T. -0.00 min
 Lab File: BN000297.D
 Acq: 10 Mar 2018 00:02

Tgt Ion	Ratio	Lower	Upper
202	100		
101	17.7	11.0	16.4#
100	13.6	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: 1.209 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. 0.06 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

Instrument :

BNA_N

ClientSampleId :

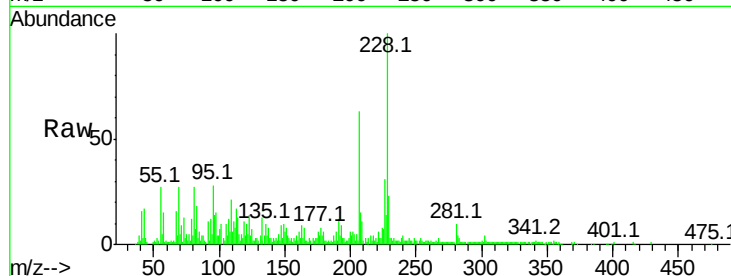
Tot Ion:228 Resp: 120304

Ion Ratio Lower Upper

228 100

229 22.8 15.7 23.5

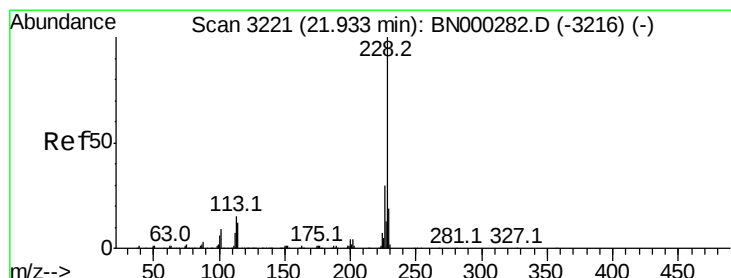
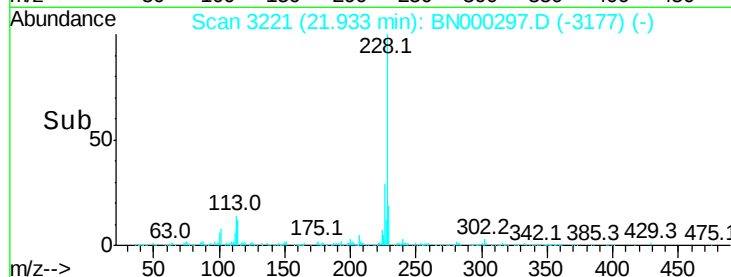
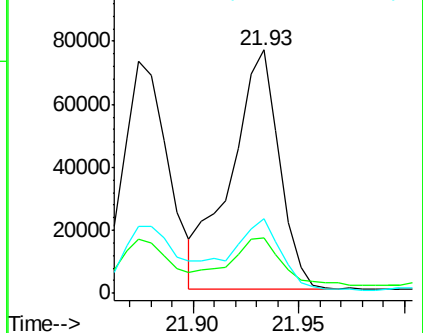
226 30.7 21.1 31.7



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: 1.273 ng/ul

RT: 21.93 min Scan# 3221

Delta R.T. -0.00 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

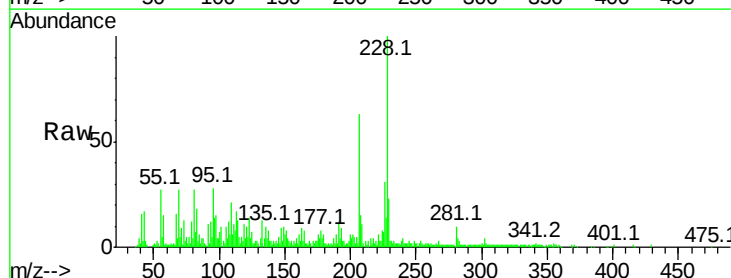
Tgt Ion:228 Resp: 120226

Ion Ratio Lower Upper

228 100

226 30.7 24.5 36.7

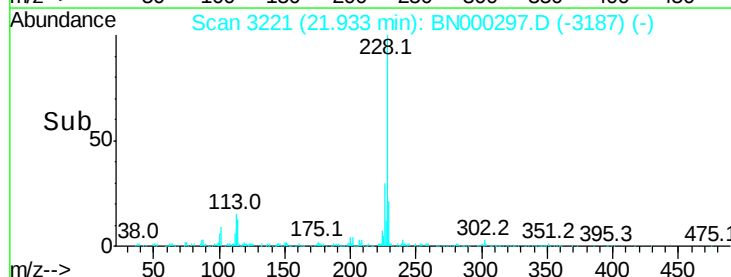
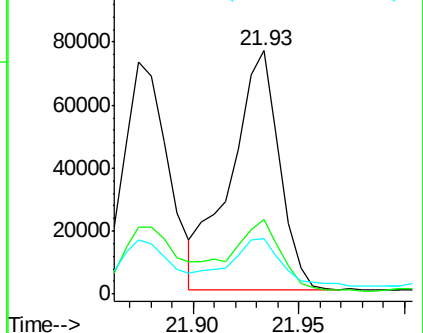
229 22.8 15.8 23.8

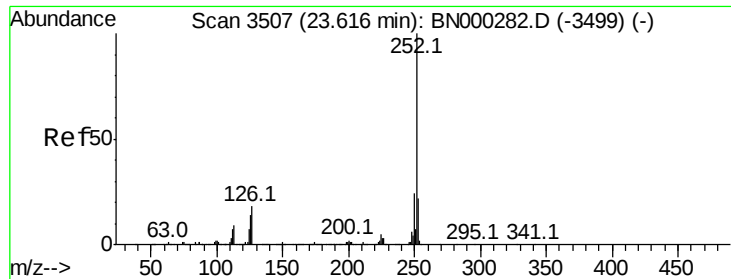


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#23

Benzo(b)fluoranthene

Concen: 2.541 ng/ul

RT: 23.62 min Scan# 3507

Delta R.T. -0.00 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

Instrument :

BNA_N

ClientSampleId :

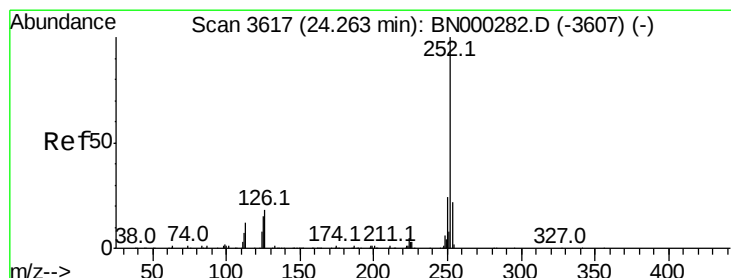
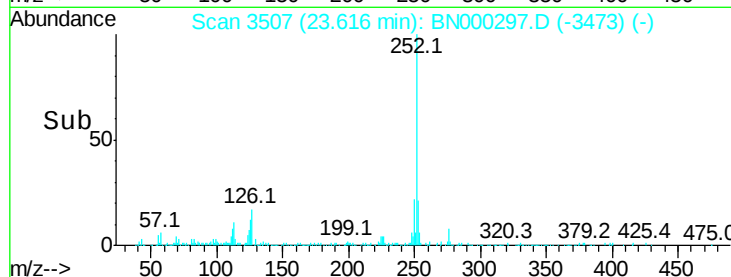
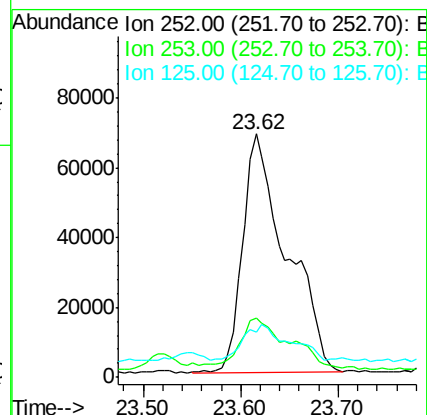
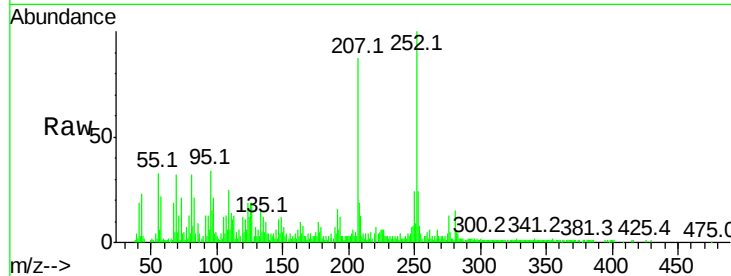
Tot Ion:252 Resp: 214167

Ion Ratio Lower Upper

252 100

253 24.1 18.0 27.0

125 18.8 8.0 12.0#



#26

Benzo(a)pyrene

Concen: 1.225 ng/ul

RT: 24.26 min Scan# 3617

Delta R.T. -0.00 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

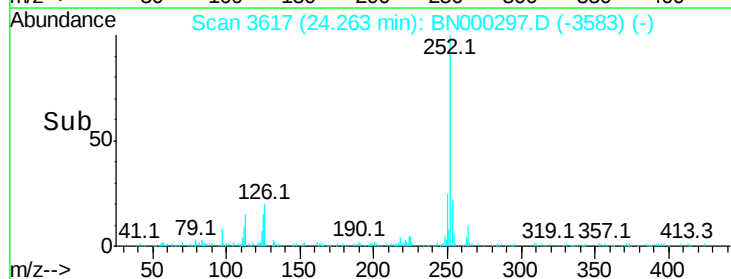
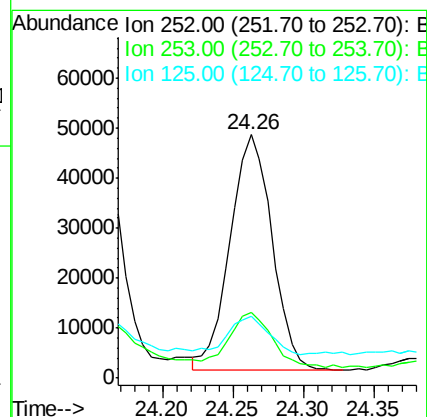
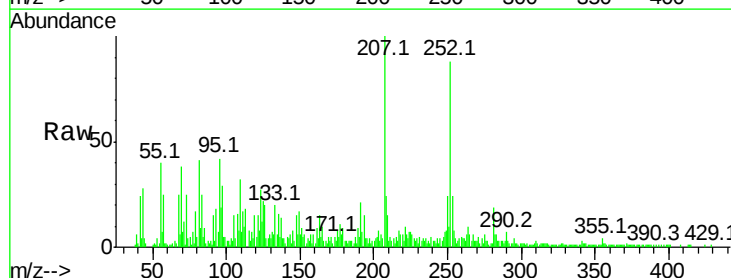
Tgt Ion:252 Resp: 98244

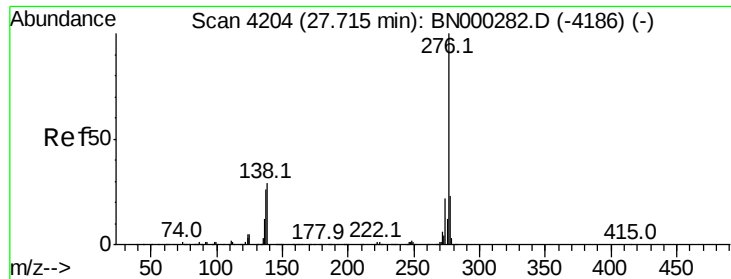
Ion Ratio Lower Upper

252 100

253 27.0 17.2 25.8#

125 25.4 8.2 12.4#





#29

Benzo(a,h,i)perylene

Concen: 1.390 ng/ul

RT: 27.72 min Scan# 4204

Delta R.T. -0.00 min

Lab File: BN000297.D

Acq: 10 Mar 2018 00:02

Instrument :

BNA_N

ClientSampleId :

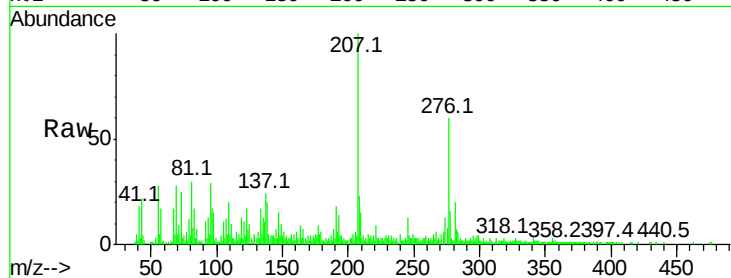
Tot Ion:276 Resp: 100349

Ion Ratio Lower Upper

276 100

138 33.9 15.3 22.9#

277 26.7 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

