

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA N\DATA\BN030918\
 Data File : BN000290.D
 Acq On : 09 Mar 2018 20:02
 Operator : JU/SJ
 Sample : J1844-03
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: Mar 09 23:51:55 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	293086	20.00	ng/ul	0.00
2) Naphthalene-d8	11.29	136	1439413	20.00	ng/ul	0.00
6) Acenaphthene-d10	15.06	164	822521	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.78	188	1714319	20.00	ng/ul	0.00
17) Chrysene-d12	21.89	240	1691654	20.00	ng/ul	0.00
22) Perylene-d12	24.37	264	1726488	20.00	ng/ul	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
7) Acenaphthylene-d8	14.76	160	1676921	20.54	ng/ul	0.00
10) Fluorene-d10	16.04	176	1131276	20.46	ng/ul	0.00
14) Anthracene-d10	17.87	188	1640889	20.49	ng/ul	0.00
18) Pyrene-d10	20.13	212	1772507	21.42	ng/ul	0.00
25) Benzo(a)pyrene-d12	24.21	264	1675670	21.25	ng/ul	0.00

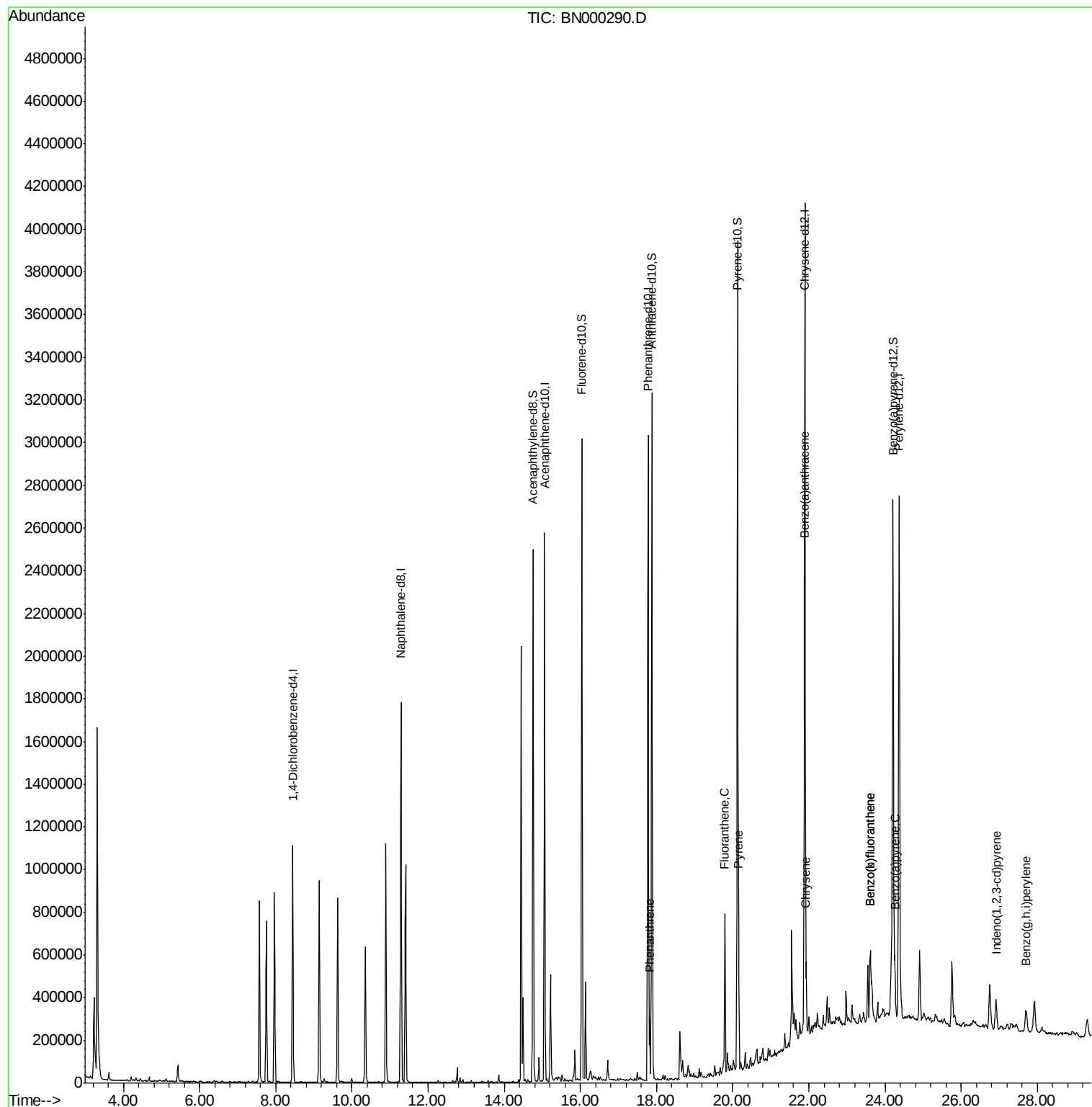
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.82	178	163544	1.663	ng/ul	99
16) Fluoranthene	19.79	202	407882	3.840	ng/ul#	92
19) Pyrene	20.16	202	356586	3.339	ng/ul#	92
20) Benzo(a)anthracene	21.87	228	198480	1.887	ng/ul	97
21) Chrysene	21.93	228	193099	1.935	ng/ul	97
23) Benzo(b)fluoranthene	23.61	252	299523	2.909	ng/ul#	95
24) Benzo(k)fluoranthene	23.61	252	299523	3.108	ng/ul#	95
26) Benzo(a)pyrene	24.26	252	186855	1.907	ng/ul#	91
27) Indeno(1,2,3-cd)pyrene	26.91	276	119058	1.127	ng/ul#	85
29) Benzo(g,h,i)perylene	27.70	276	124333	1.409	ng/ul#	87

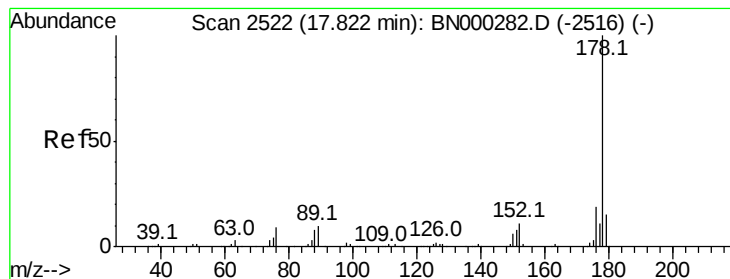
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#13

Phenanthrene

Concen: 1.663 ng/ul

RT: 17.82 min Scan# 2521

Delta R.T. -0.01 min

Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

Instrument :

BNA_N

ClientSampleId :

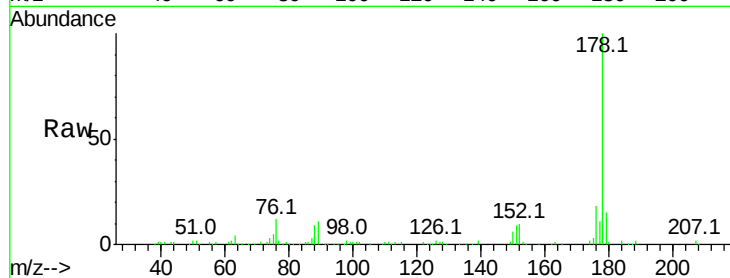
Tot Ion:178 Resp: 163544

Ion Ratio Lower Upper

178 100

179 14.9 12.3 18.5

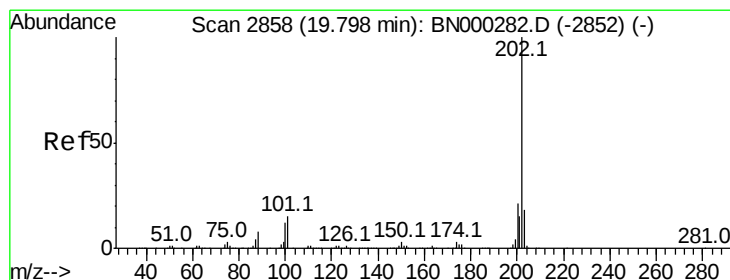
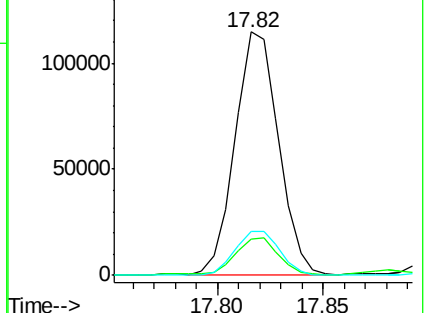
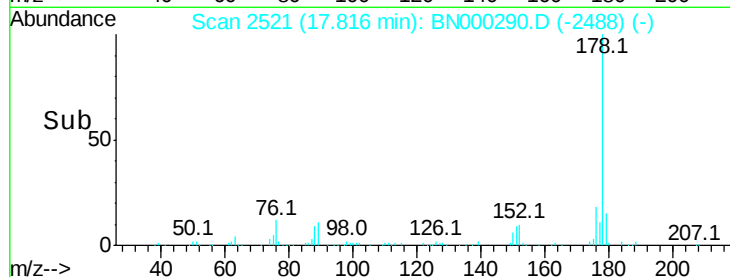
176 18.2 15.1 22.7



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: 3.840 ng/ul

RT: 19.79 min Scan# 2857

Delta R.T. -0.01 min

Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

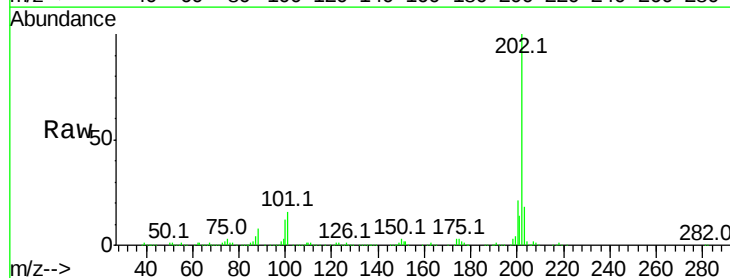
Tgt Ion:202 Resp: 407882

Ion Ratio Lower Upper

202 100

101 15.7 9.9 14.9#

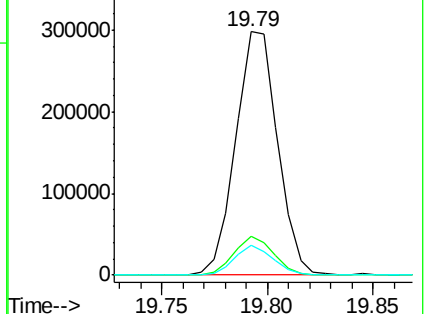
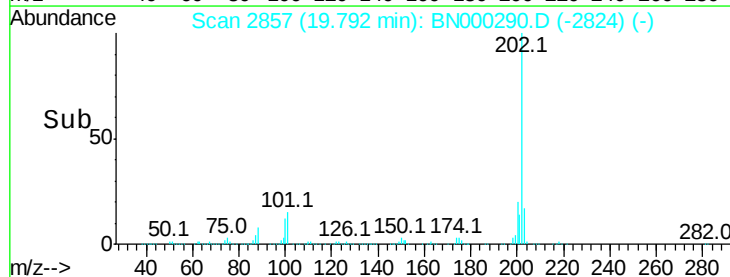
100 12.2 7.4 11.0#

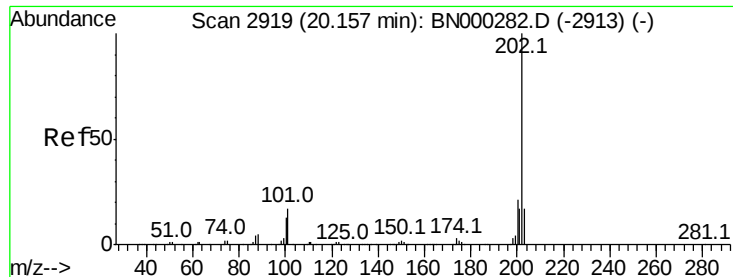


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

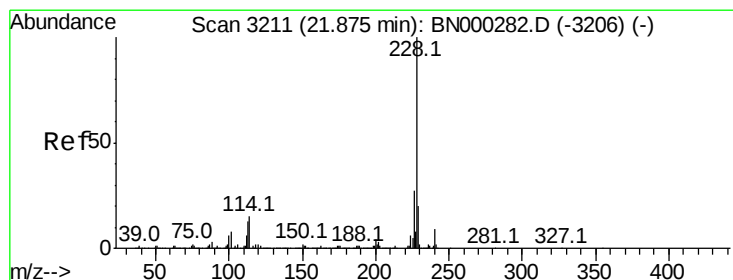
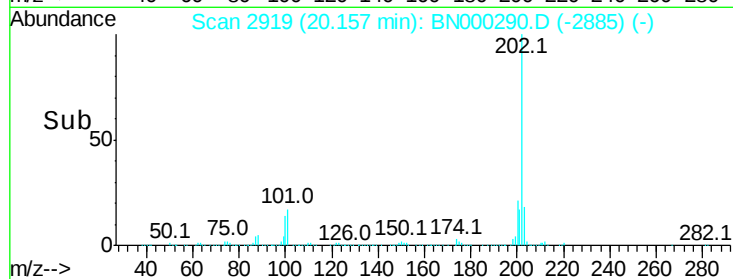
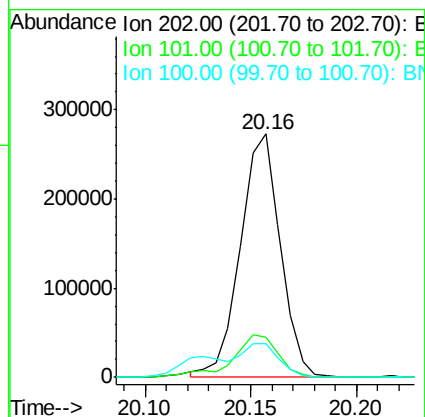
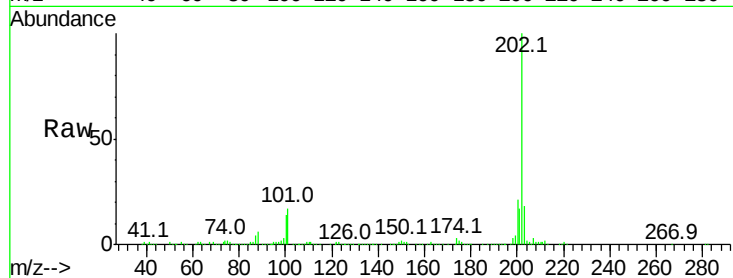




#19
Pvrene
Concen: 3.339 ng/ul
RT: 20.16 min Scan# 2919
Delta R.T. -0.00 min
Lab File: BN000290.D
Acq: 09 Mar 2018 20:02

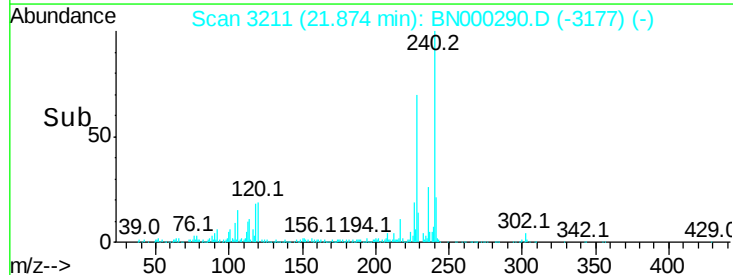
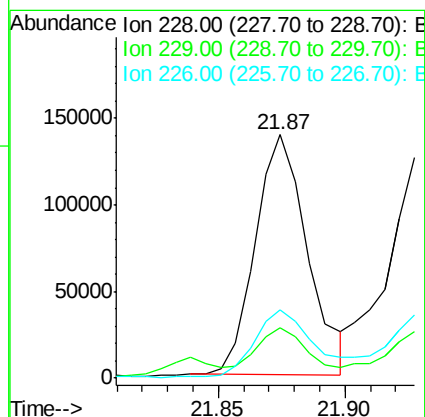
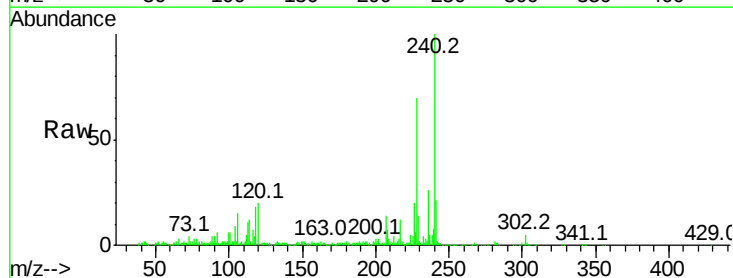
Instrument :
BNA_N
ClientSampleId :

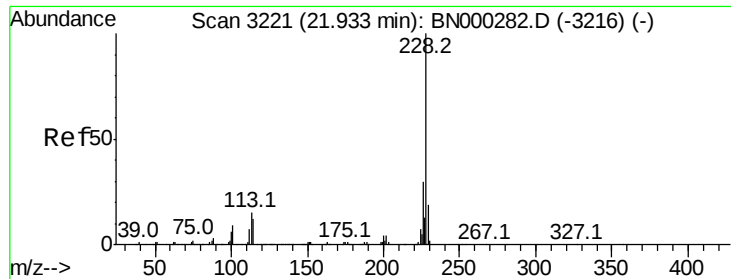
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.6	11.0	16.4#
100	13.7	8.1	12.1#



#20
Benzo(a)anthracene
Concen: 1.887 ng/ul
RT: 21.87 min Scan# 3211
Delta R.T. -0.00 min
Lab File: BN000290.D
Acq: 09 Mar 2018 20:02

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.6	15.7	23.5
226	28.2	21.1	31.7





#21

Chrysene

Concen: 1.935 ng/ul

RT: 21.93 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

Instrument :

BNA_N

ClientSampleId :

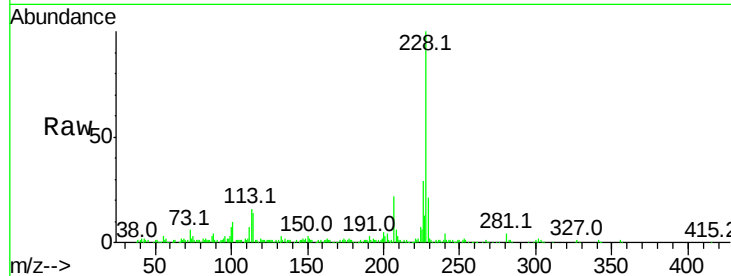
Tot Ion:228 Resp: 193099

Ion Ratio Lower Upper

228 100

226 28.6 24.5 36.7

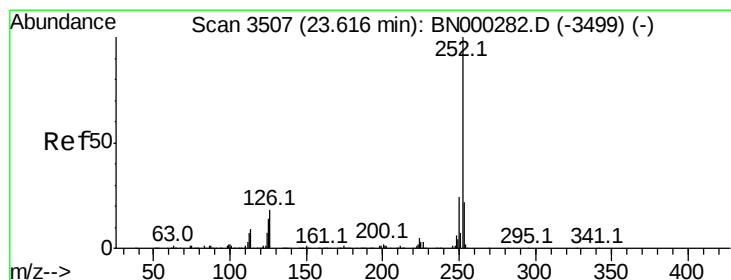
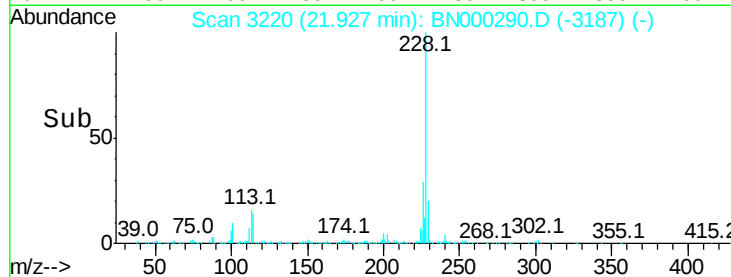
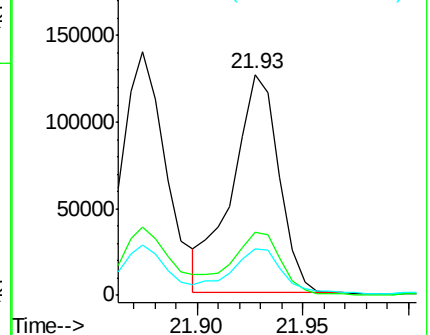
229 21.0 15.8 23.8



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: 2.909 ng/ul

RT: 23.61 min Scan# 3506

Delta R.T. -0.01 min

Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

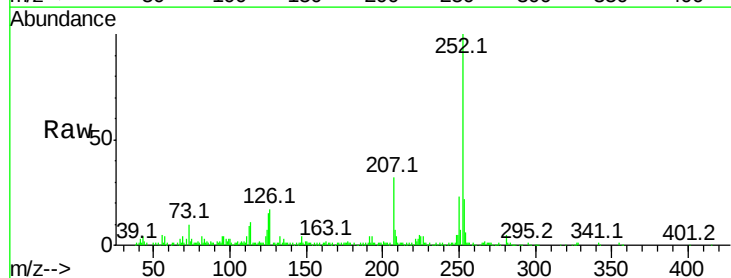
Tgt Ion:252 Resp: 299523

Ion Ratio Lower Upper

252 100

253 21.8 18.0 27.0

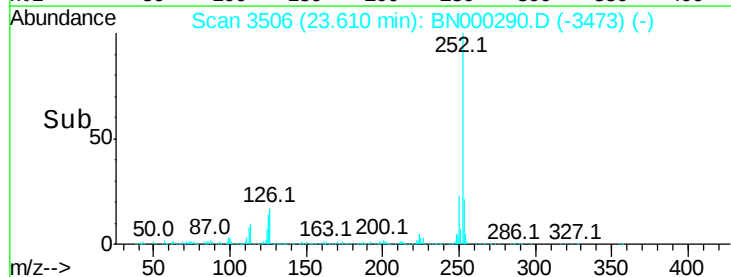
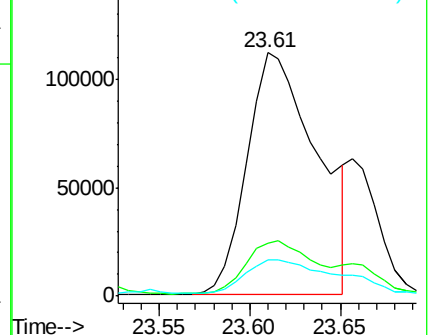
125 15.0 8.0 12.0#

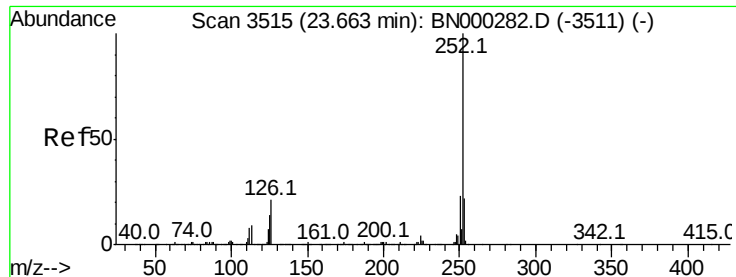


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#24

Benzo(k)fluoranthene

Concen: 3.108 ng/ul

RT: 23.61 min Scan# 3506

Delta R.T. -0.05 min

Lab File: BN000290.D

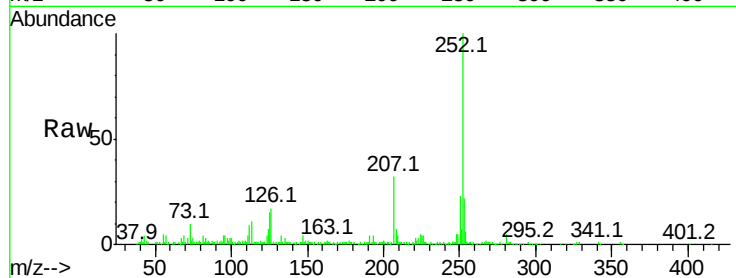
Acq: 09 Mar 2018 20:02

Instrument :

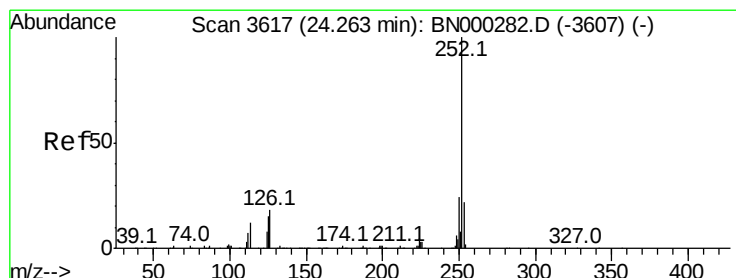
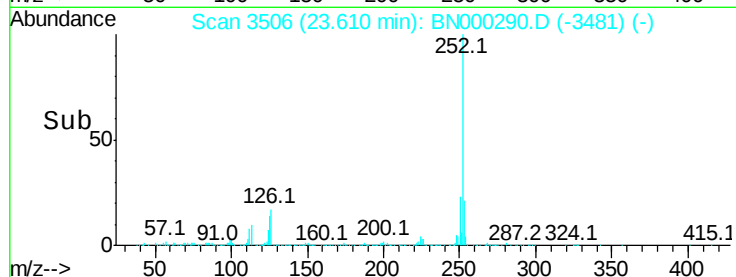
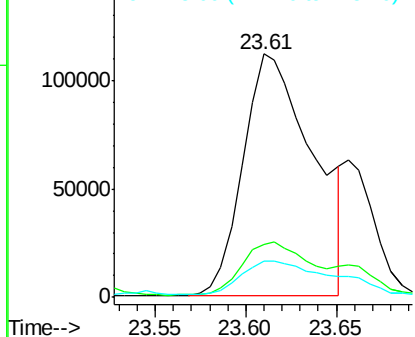
BNA_N

ClientSampled :

Tot Ion:	252	Resp:	299523
Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	15.0	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: 1.907 ng/ul

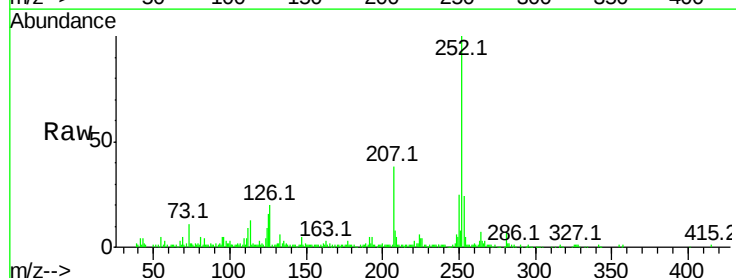
RT: 24.26 min Scan# 3616

Delta R.T. -0.01 min

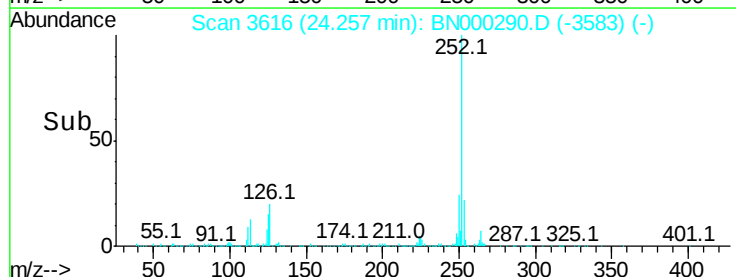
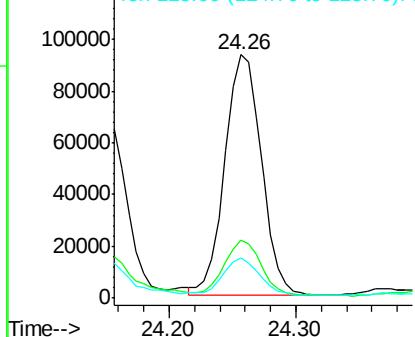
Lab File: BN000290.D

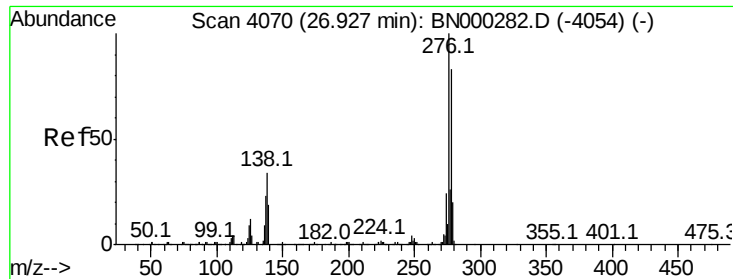
Acq: 09 Mar 2018 20:02

Tgt Ion:	252	Resp:	186855
Ion	Ratio	Lower	Upper
252	100		
253	24.0	17.2	25.8
125	16.4	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: 1.127 ng/ul

RT: 26.91 min Scan# 4067

Delta R.T. -0.02 min

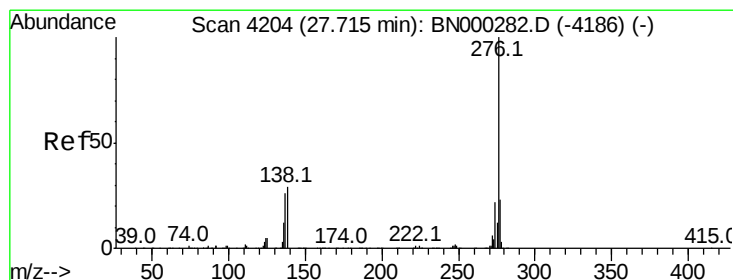
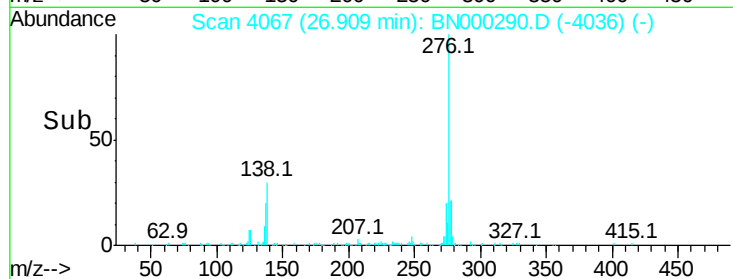
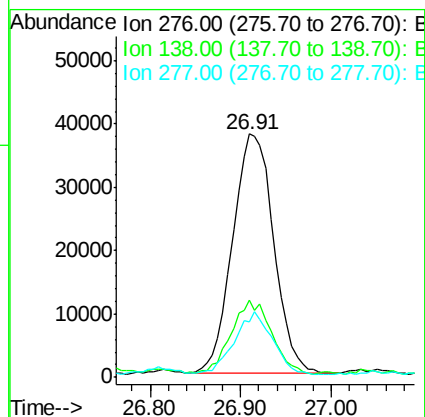
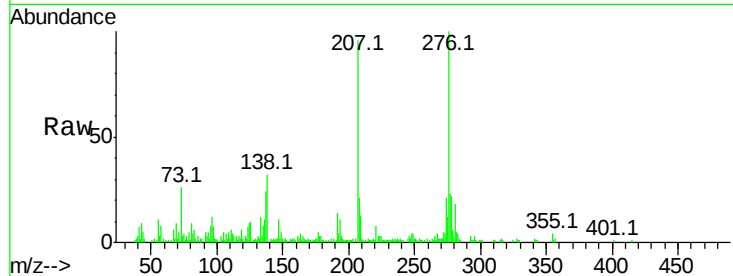
Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

Instrument :
BNA_N
ClientSampleId :

Tot Ion:276 Resp: 119058

Ion	Ratio	Lower	Upper
276	100		
138	31.9	14.4	21.6#
277	23.0	18.0	27.0



#29

Benzo(g,h,i)perylene

Concen: 1.409 ng/ul

RT: 27.70 min Scan# 4201

Delta R.T. -0.02 min

Lab File: BN000290.D

Acq: 09 Mar 2018 20:02

Tgt Ion:276 Resp: 124333

Ion	Ratio	Lower	Upper
276	100		
138	32.0	15.3	22.9#
277	24.0	19.0	28.4

