

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001080.D
 Acq On : 02 May 2018 20:44
 Operator : JU/SJ
 Sample : J2527-18
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:26:36 2018
 Quant Method : Z:\HPCHEM1\BNA N\METHODS\SOM-EPA-BN042418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu May 03 08:25:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	134143	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	571555	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	280040	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	515949	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	428632	20.00	ng/ul	0.00
22) Perylene-d12	23.41	264	453828	20.00	ng/ul	0.00

System Monitoring Compounds

7) Acenaphthylene-d8	13.95	160	505003	18.78	ng/ul	0.00
10) Fluorene-d10	15.25	176	336933	18.77	ng/ul	0.00
14) Anthracene-d10	17.10	188	444483	18.84	ng/ul	0.00
18) Pyrene-d10	19.40	212	428769	19.52	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	440087	20.53	ng/ul	0.00

Target Compounds

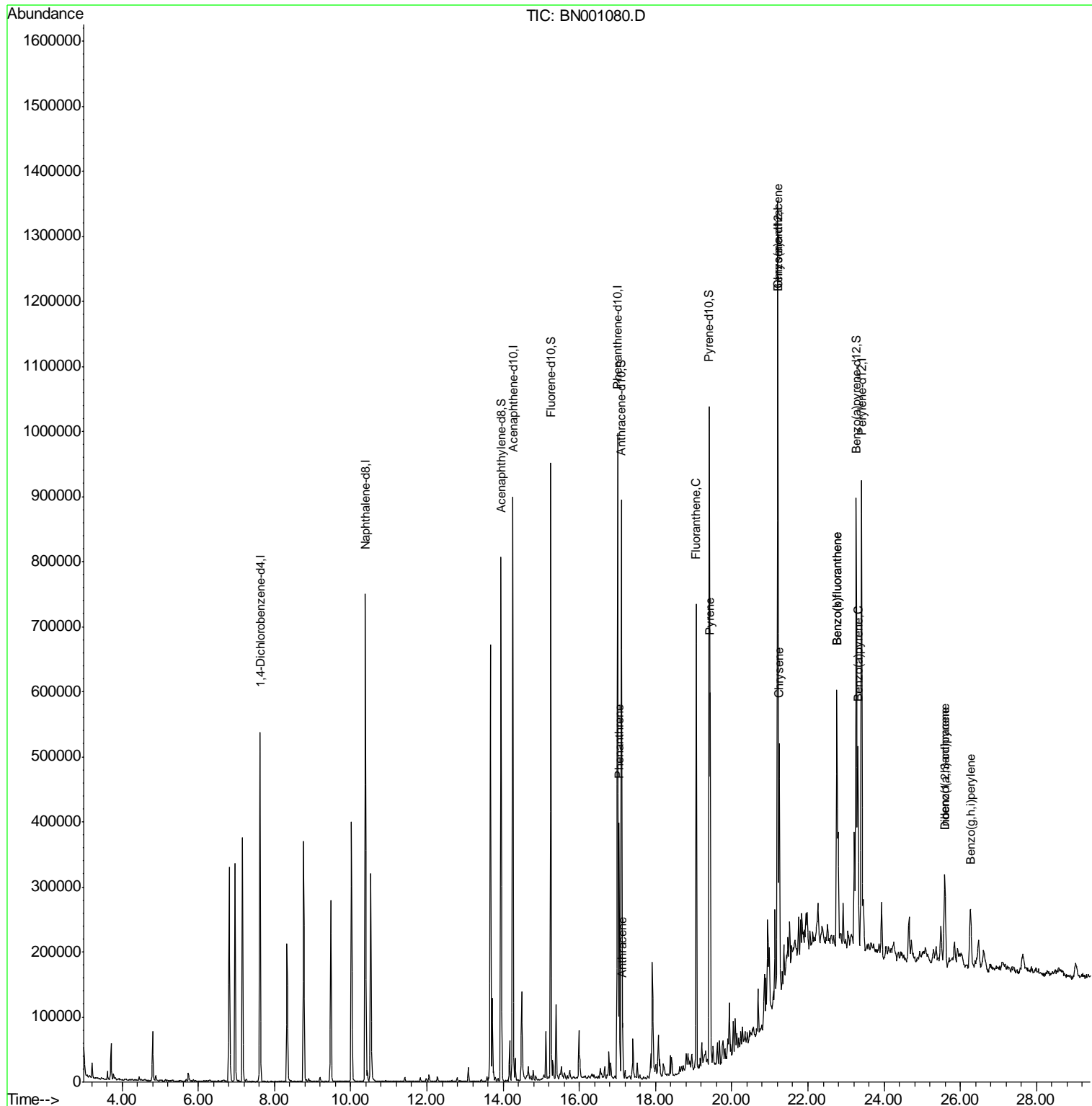
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
13) Phenanthrene	17.05	178	210634	7.485	ng/ul	99
15) Anthracene	17.13	178	48055	1.703	ng/ul	97
16) Fluoranthene	19.07	202	379649	13.298	ng/ul#	93
19) Pyrene	19.44	202	319698	11.612	ng/ul#	91
20) Benzo(a)anthracene	21.20	228	199491	7.786	ng/ul	97
21) Chrysene	21.25	228	181013	7.516	ng/ul	97
23) Benzo(b)fluoranthene	22.76	252	265200	10.283	ng/ul#	97
24) Benzo(k)fluoranthene	22.76	252	339456	13.451	ng/ul#	97
26) Benzo(a)pyrene	23.32	252	164961	6.693	ng/ul#	94
27) Indeno(1,2,3-cd)pyrene	25.59	276	109320	3.672	ng/ul#	91
28) Dibenzo(a,h)anthracene	25.59	278	29611	1.193	ng/ul#	76
29) Benzo(g,h,i)perylene	26.26	276	97944	3.934	ng/ul#	92

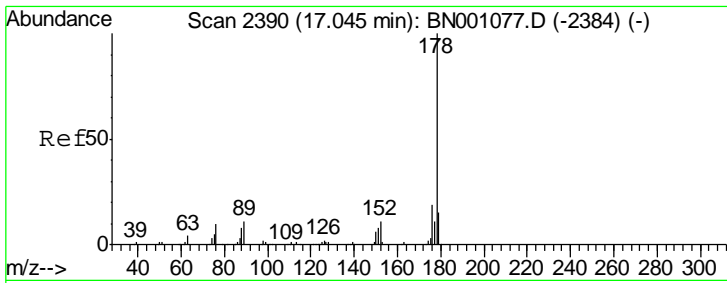
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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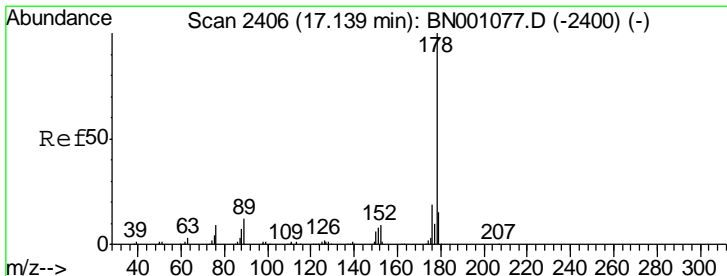
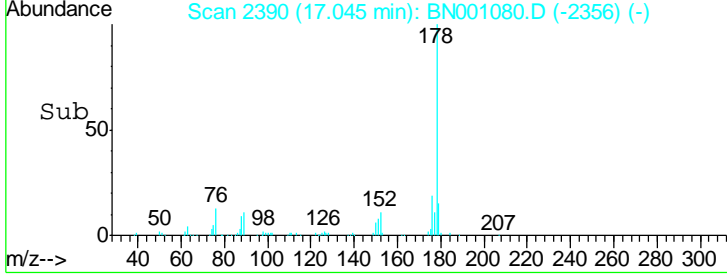
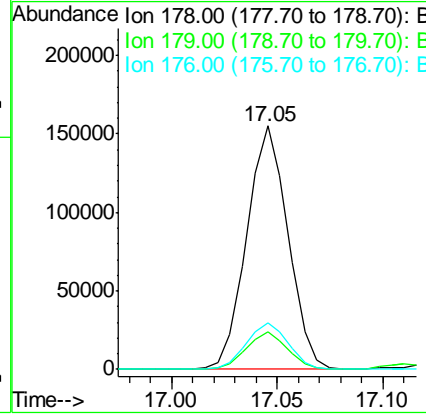
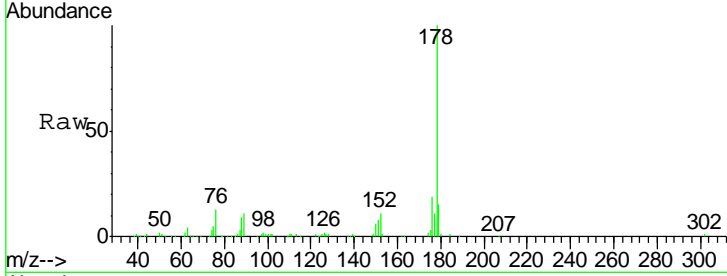




#13
 Phenanthrene
 Concen: 7.485 ng/ul
 RT: 17.05 min Scan# 2390
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

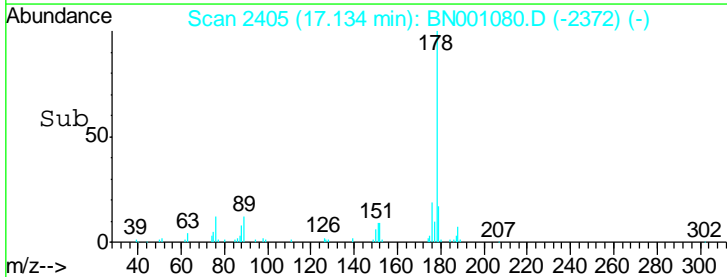
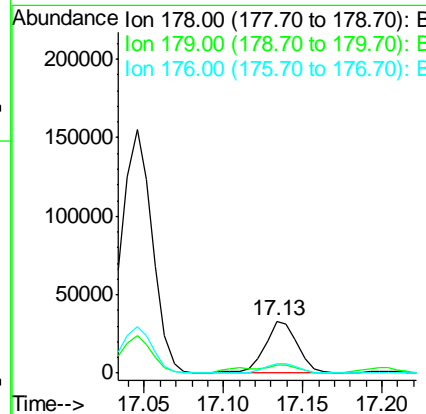
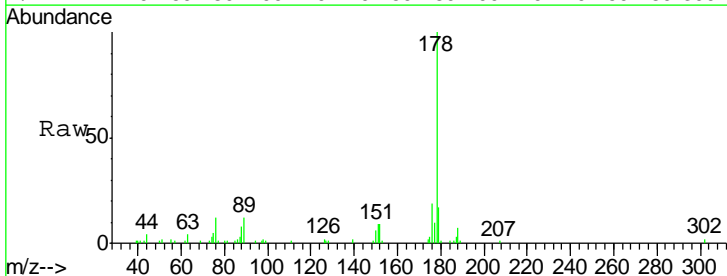
Instrument :
 BNA_N
 ClientSampled :

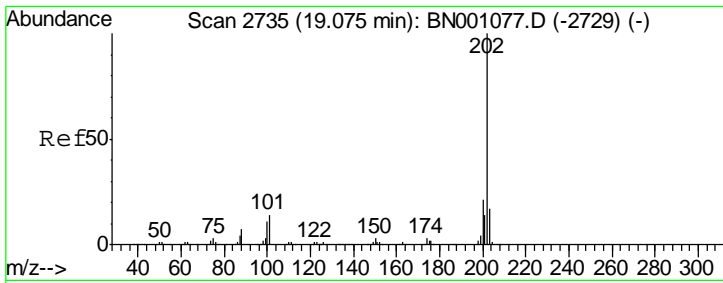
Tgt Ion	Resp	Lower	Upper
178	210634		
179	15.2	12.3	18.5
176	19.3	15.1	22.7



#15
 Anthracene
 Concen: 1.703 ng/ul
 RT: 17.13 min Scan# 2405
 Delta R.T. -0.01 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
178	48055		
179	16.6	11.8	17.8
176	18.5	15.2	22.8

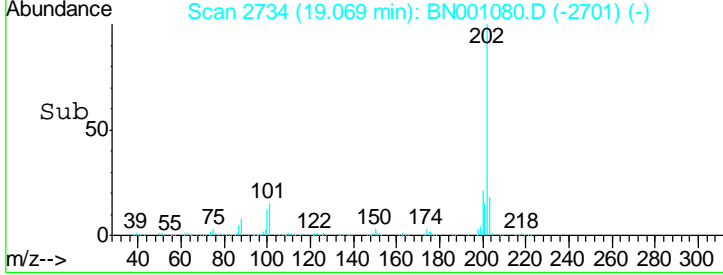
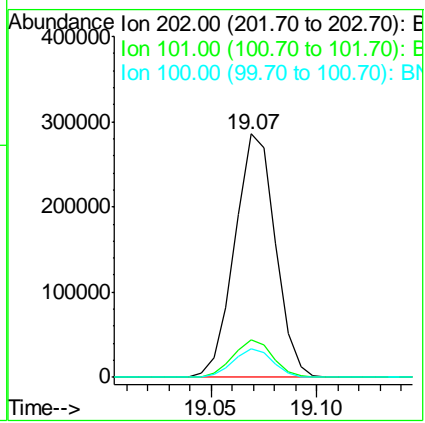
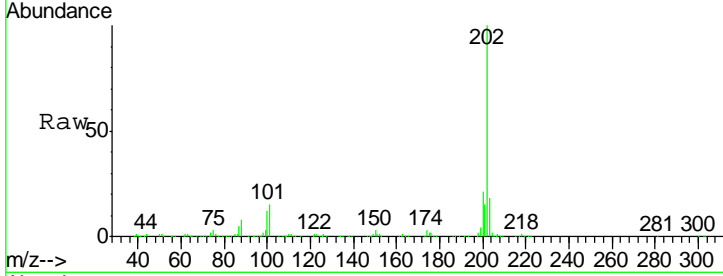




#16
 Fluoranthene
 Concen: 13.298 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

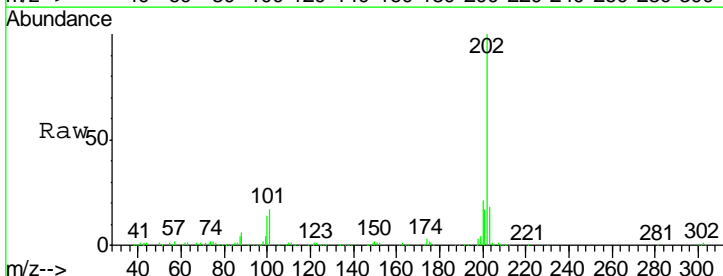
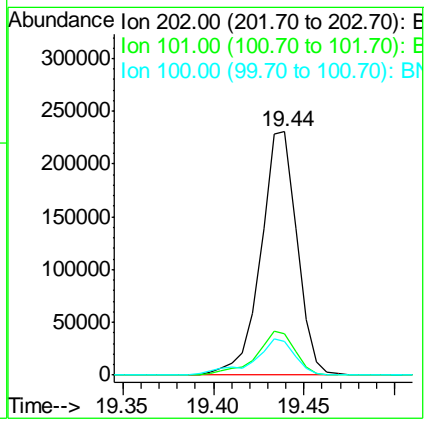
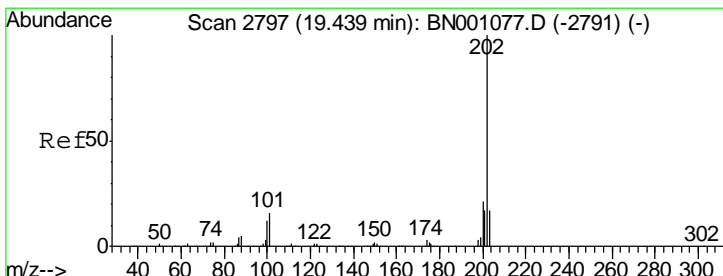
Instrument :
 BNA_N
 ClientSampled :

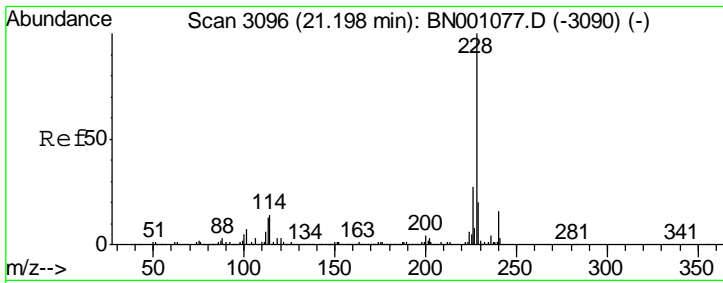
Tgt Ion	Resp	Lower	Upper
202	379649		
101	15.3	9.9	14.9#
100	11.8	7.4	11.0#



#19
 Pyrene
 Concen: 11.612 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
202	319698		
101	16.9	11.0	16.4#
100	14.0	8.1	12.1#

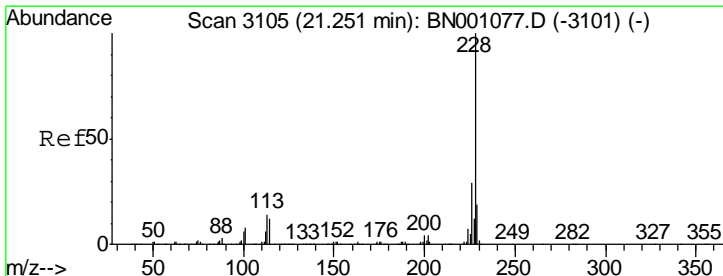
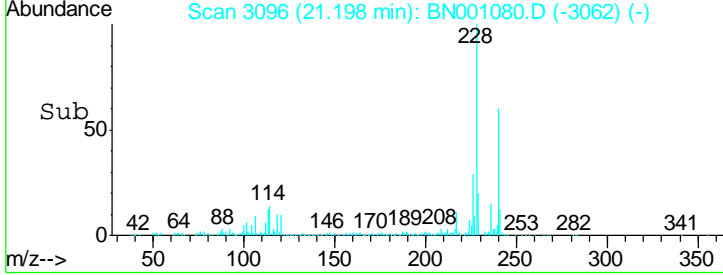
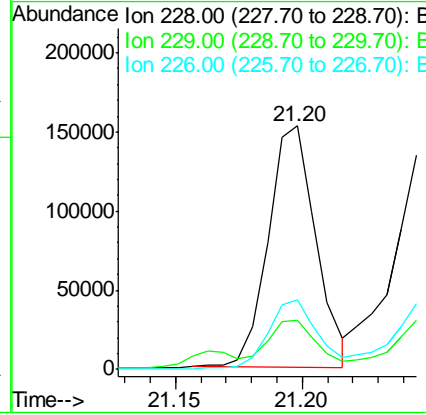
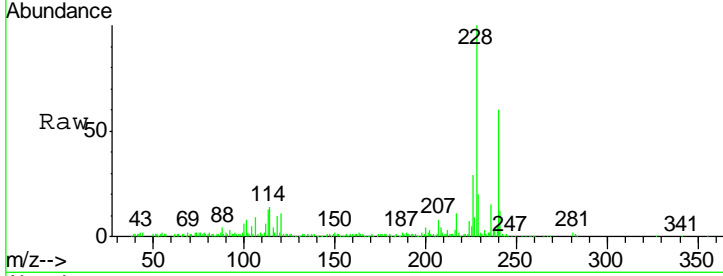




#20
 Benzo(a)anthracene
 Concen: 7.786 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

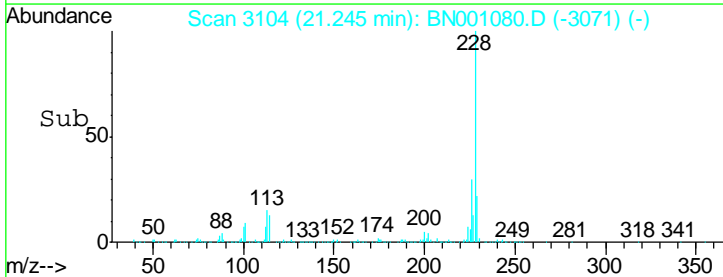
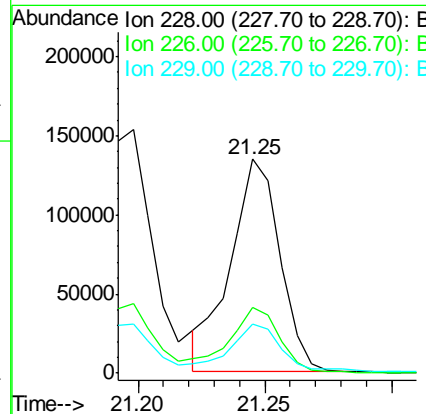
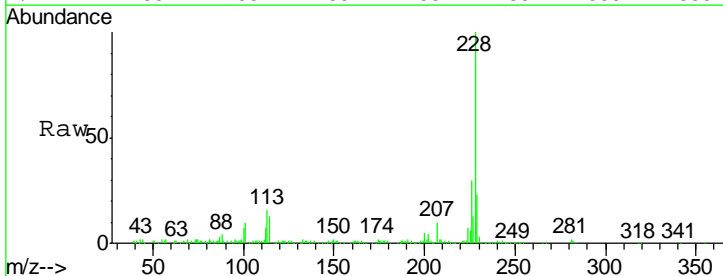
Instrument :
 BNA_N
 ClientSampled :

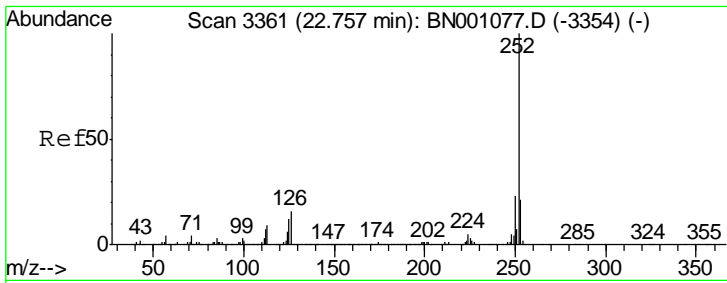
Tgt Ion	Resp	Lower	Upper
228	199491		
229	20.3	15.7	23.5
226	28.8	21.1	31.7



#21
 Chrysene
 Concen: 7.516 ng/ul
 RT: 21.25 min Scan# 3104
 Delta R.T. -0.01 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
228	181013		
226	30.4	24.5	36.7
229	22.7	15.8	23.8

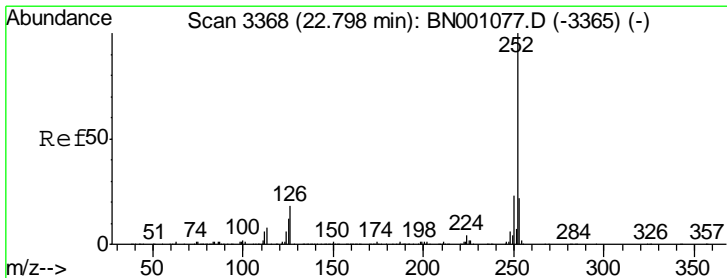
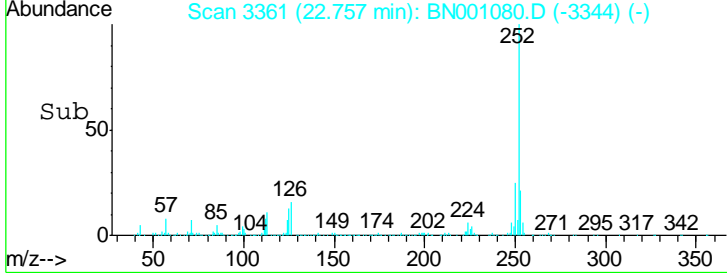
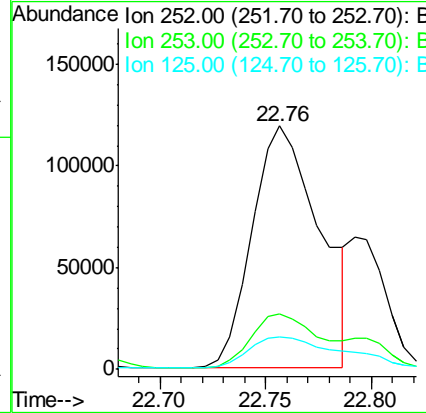
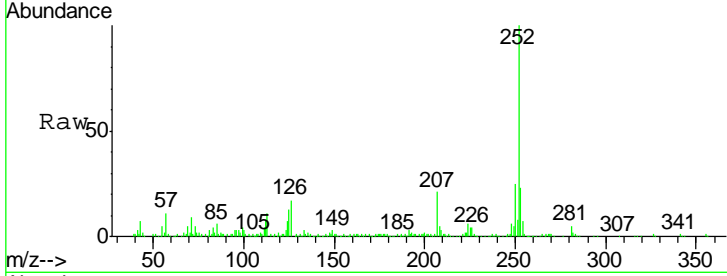




#23
 Benzo(b)fluoranthene
 Concen: 10.283 ng/ul
 RT: 22.76 min Scan# 3361
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

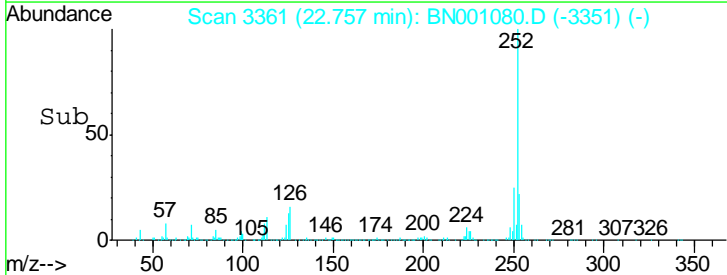
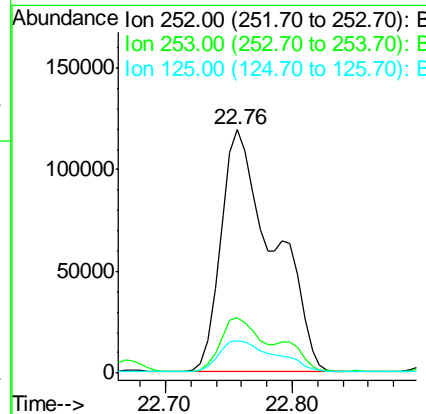
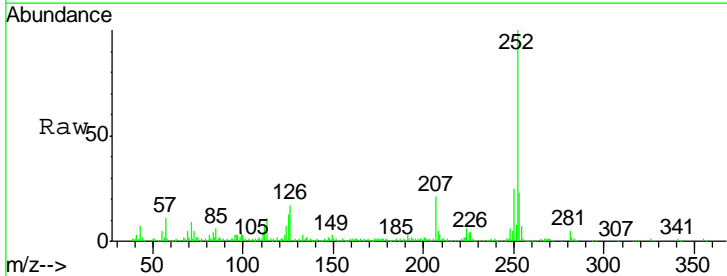
Instrument :
 BNA_N
 ClientSampled :

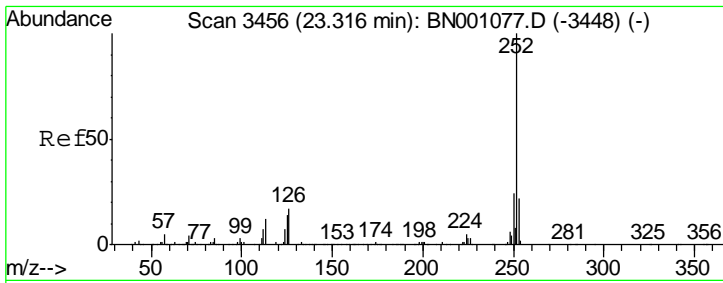
Tgt Ion	Resp	Lower	Upper
252	265200		
253	22.9	18.0	27.0
125	13.2	8.0	12.0



#24
 Benzo(k)fluoranthene
 Concen: 13.451 ng/ul
 RT: 22.76 min Scan# 3361
 Delta R.T. -0.04 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
252	339456		
253	22.9	18.0	27.0
125	13.2	8.1	12.1

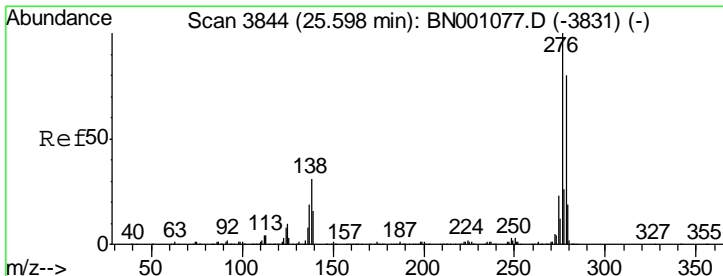
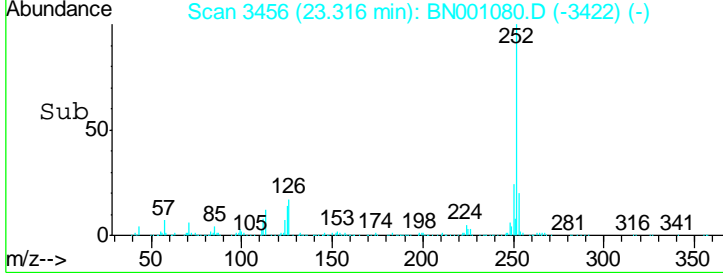
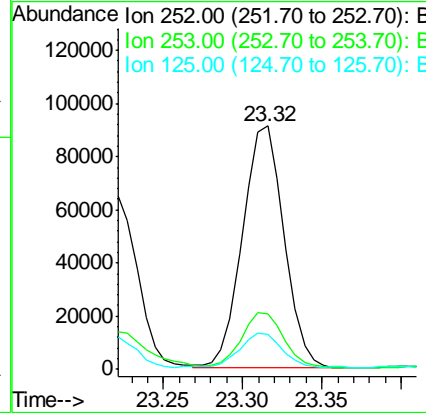
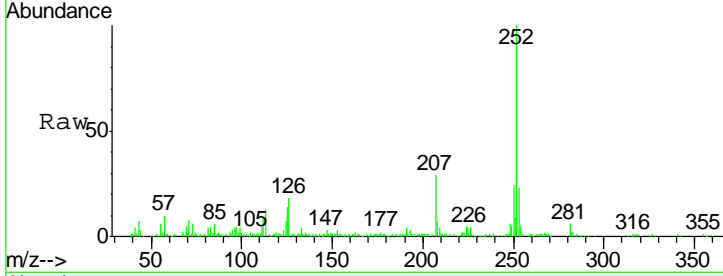




#26
 Benzo(a)pyrene
 Concen: 6.693 ng/ul
 RT: 23.32 min Scan# 3456
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

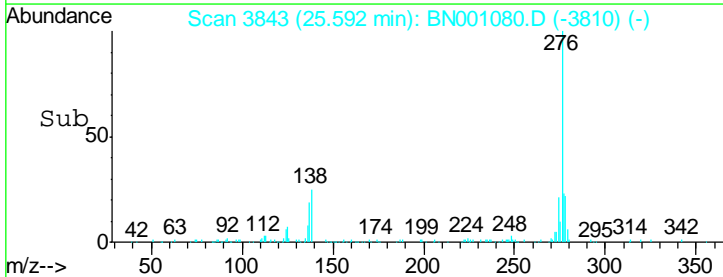
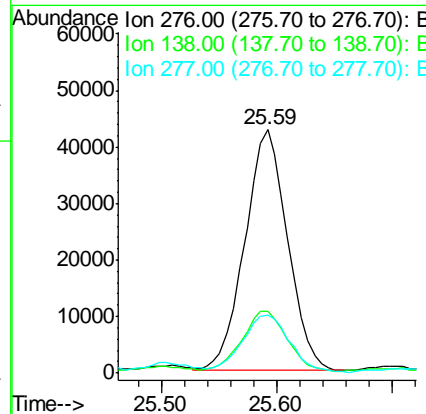
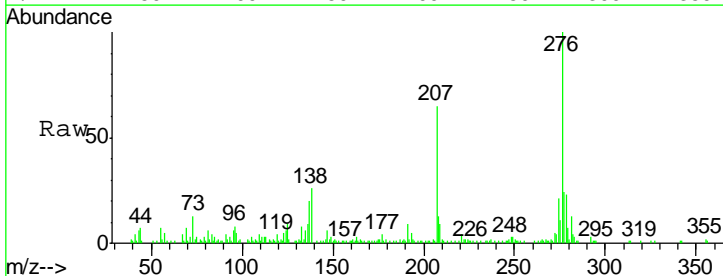
Instrument :
 BNA_N
 ClientSampled :

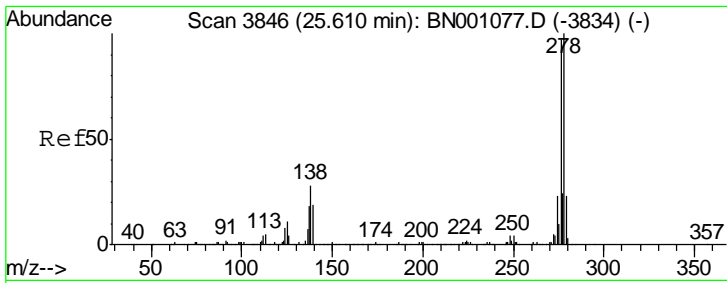
Tgt Ion	Resp	Lower	Upper
252	164961		
253	23.0	17.2	25.8
125	14.5	8.2	12.4



#27
 Indeno(1,2,3-cd)pyrene
 Concen: 3.672 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.01 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
276	109320		
138	25.7	14.4	21.6
277	23.9	18.0	27.0

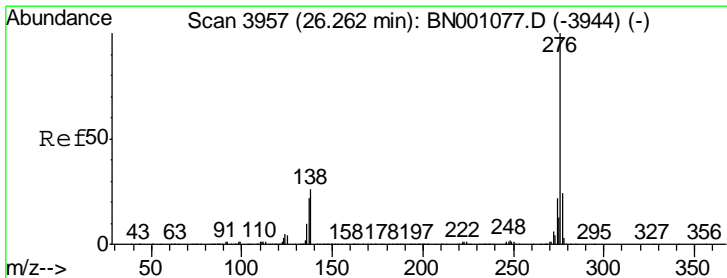
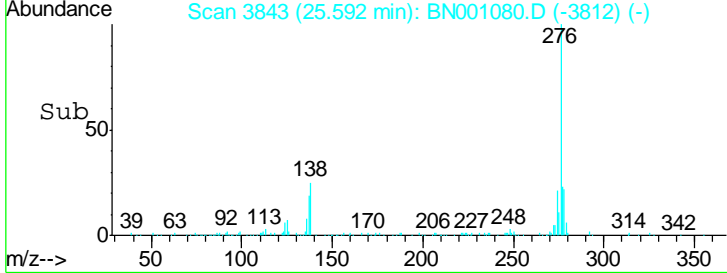
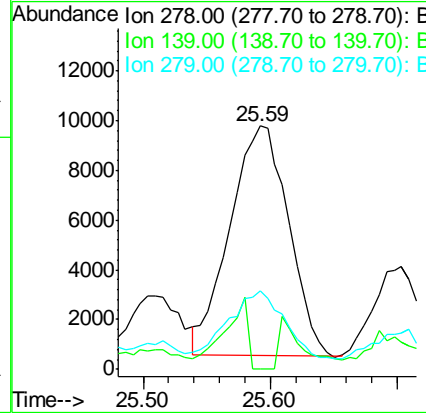
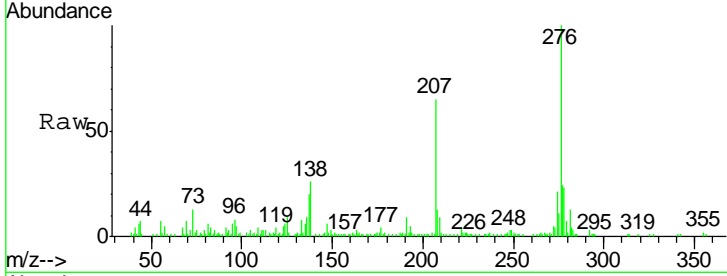




#28
 Dibenzo(a,h)anthracene
 Concen: 1.193 ng/ul
 RT: 25.59 min Scan# 3843
 Delta R.T. -0.02 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Instrument :
 BNA_N
 ClientSampled :

Tgt Ion	Resp	Lower	Upper
278	29611		
139	0.0	12.2	18.4#
279	32.2	19.2	28.8#



#29
 Benzo(g,h,i)perylene
 Concen: 3.934 ng/ul
 RT: 26.26 min Scan# 3957
 Delta R.T. 0.00 min
 Lab File: BN001080.D
 Acq: 02 May 2018 20:44

Tgt Ion	Resp	Lower	Upper
276	97944		
138	26.7	15.3	22.9#
277	24.3	19.0	28.4

