

Data Path : Z:\HPCHEM1\BNA N\DATA\BN050218\
 Data File : BN001090.D
 Acq On : 03 May 2018 02:34
 Operator : JU/SJ
 Sample : J2601-13
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_N
 ClientSampleId :

Quant Time: May 03 08:28:22 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

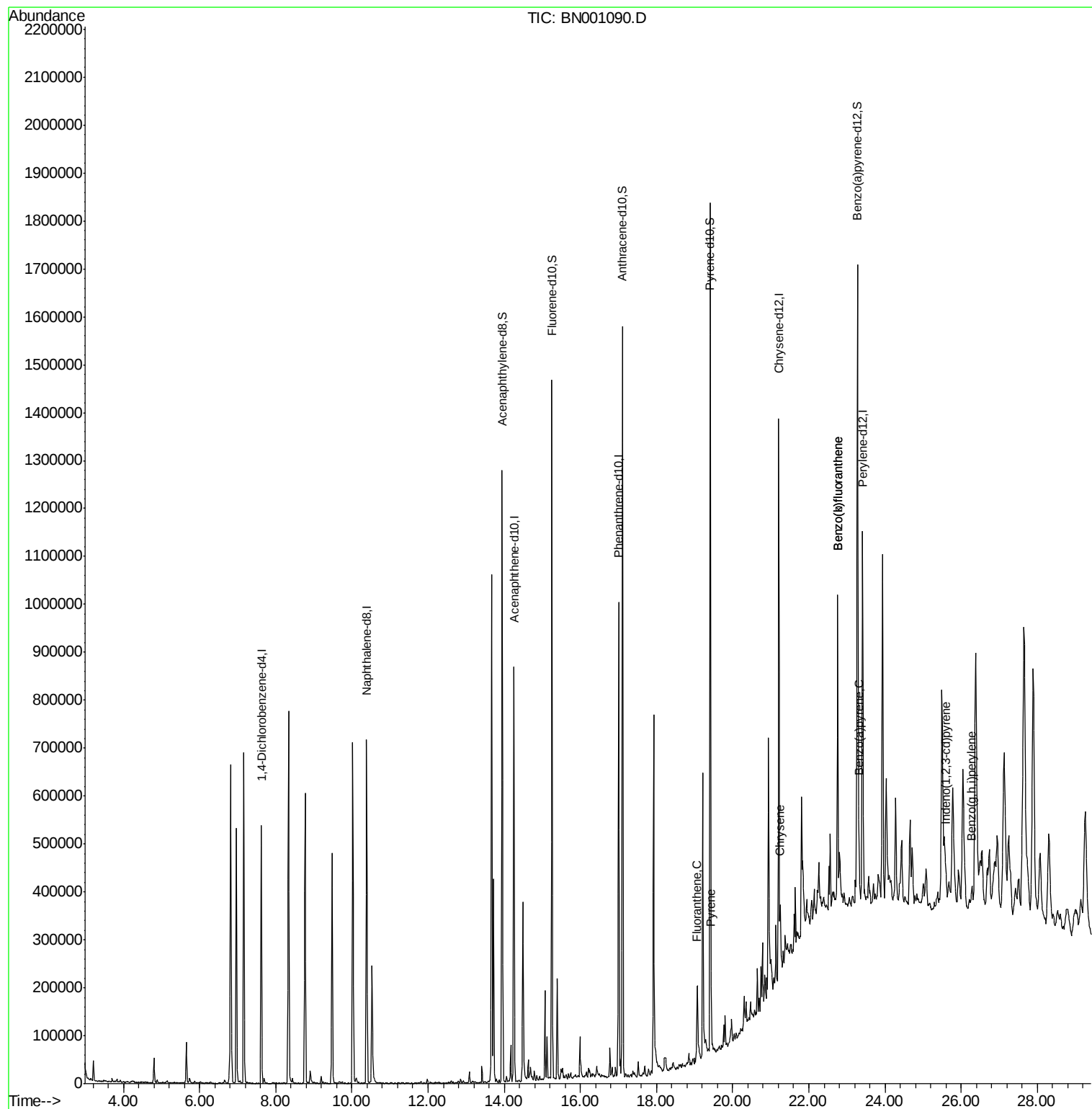
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.62	152	132866	20.00	ng/ul	0.00
2) Naphthalene-d8	10.39	136	552885	20.00	ng/ul	0.00
6) Acenaphthene-d10	14.26	164	266039	20.00	ng/ul	0.00
12) Phenanthrene-d10	17.00	188	518889	20.00	ng/ul	0.00
17) Chrysene-d12	21.21	240	487160	20.00	ng/ul	0.00
22) Perylene-d12	23.42	264	510312	20.00	ng/ul	0.00
System Monitoring Compounds						
7) Acenaphthylene-d8	13.95	160	794286	31.09	ng/ul	0.00
10) Fluorene-d10	15.26	176	542316	31.80	ng/ul	0.00
14) Anthracene-d10	17.10	188	770138	32.46	ng/ul	0.00
18) Pyrene-d10	19.41	212	811045	32.49	ng/ul	0.00
25) Benzo(a)pyrene-d12	23.27	264	861418	35.73	ng/ul	0.00
Target Compounds				Ovalue		
16) Fluoranthene	19.07	202	70938	2.471	ng/ul#	90
19) Pyrene	19.44	202	63205	2.020	ng/ul#	91
21) Chrysene	21.25	228	44518	1.626	ng/ul	98
23) Benzo(b)fluoranthene	22.76	252	88942	3.067	ng/ul#	79
24) Benzo(k)fluoranthene	22.76	252	88432	3.116	ng/ul#	79
26) Benzo(a)pyrene	23.32	252	34740	1.253	ng/ul#	83
27) Indeno(1,2,3-cd)pyrene	25.60	276	35237	1.053	ng/ul#	83
29) Benzo(g,h,i)perylene	26.27	276	35477	1.267	ng/ul#	87

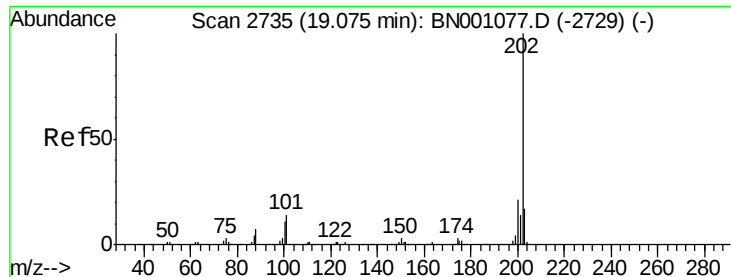
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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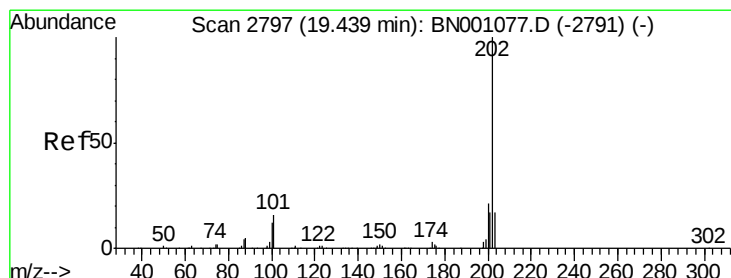
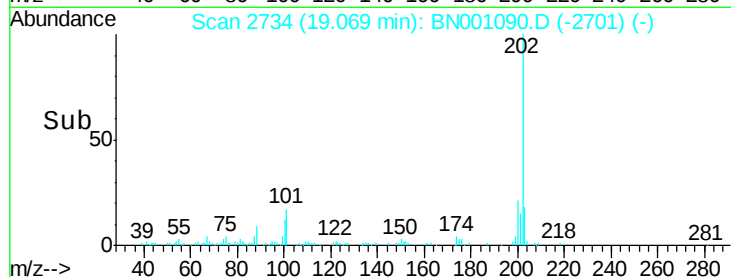
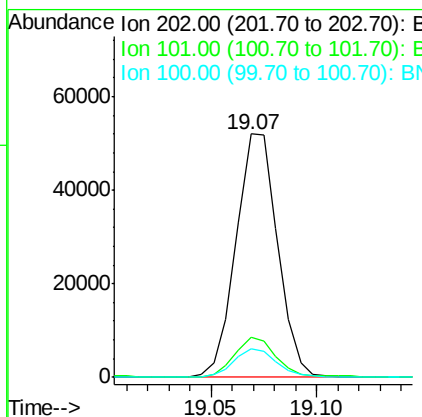
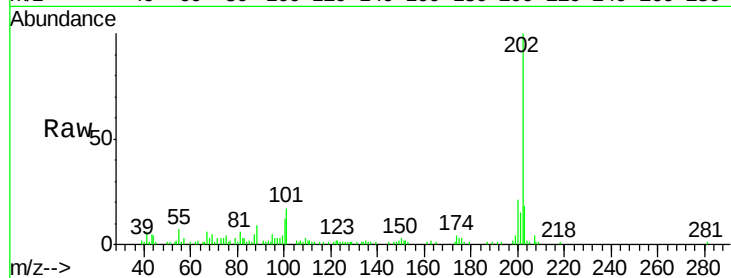




#16
 Fluoranthene
 Concen: 2.471 ng/ul
 RT: 19.07 min Scan# 2734
 Delta R.T. -0.01 min
 Lab File: BN001090.D
 Acq: 03 May 2018 02:34

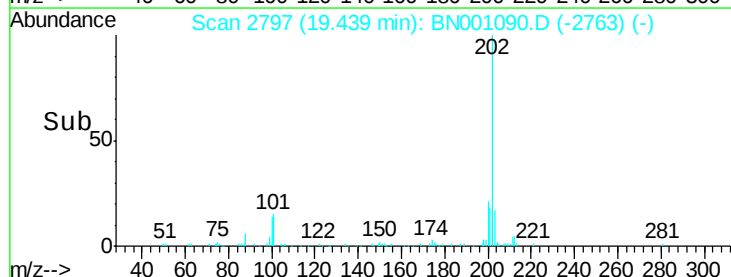
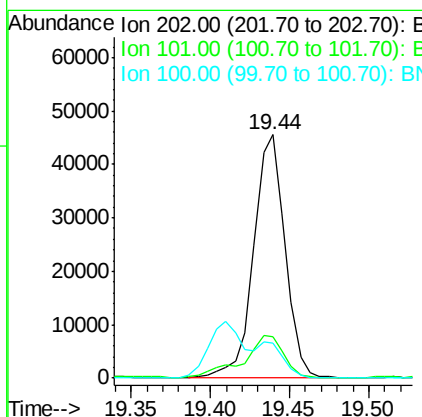
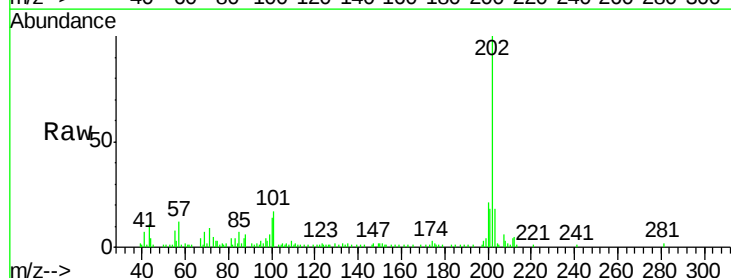
Instrument :
 BNA_N
 ClientSampleId :

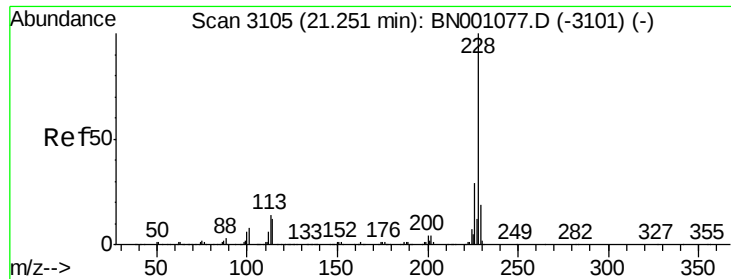
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.7	9.9	14.9#
100	12.0	7.4	11.0#



#19
 Pyrene
 Concen: 2.020 ng/ul
 RT: 19.44 min Scan# 2797
 Delta R.T. 0.00 min
 Lab File: BN001090.D
 Acq: 03 May 2018 02:34

Tgt Ion	Ratio	Lower	Upper
202	100		
101	16.9	11.0	16.4#
100	14.2	8.1	12.1#





#21

Chrysene

Concen: 1.626 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BN001090.D

Acq: 03 May 2018 02:34

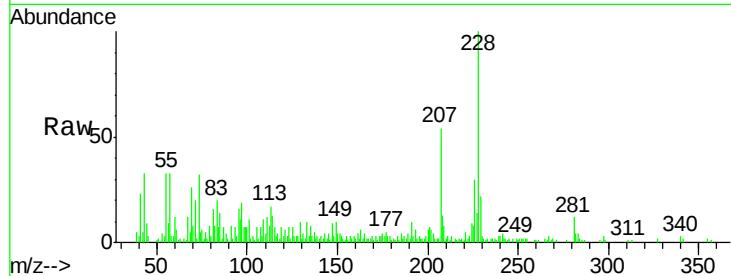
Instrument :

BNA_N

ClientSampled :

Tot Ion:228 Resp: 44518

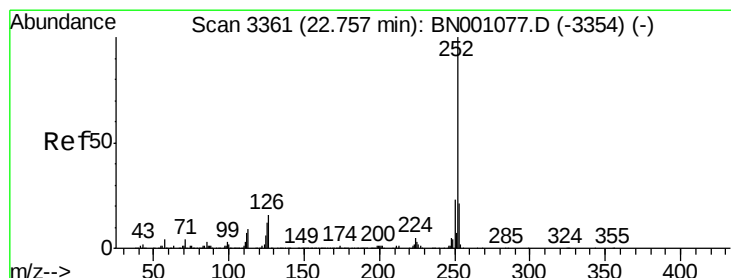
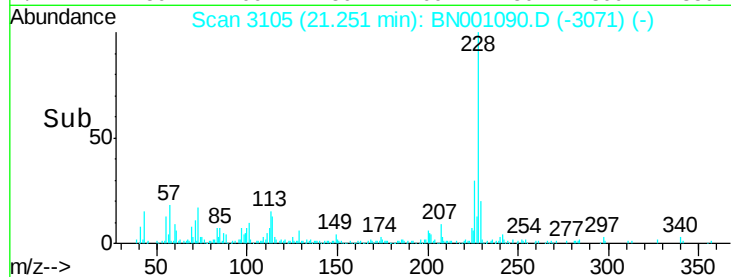
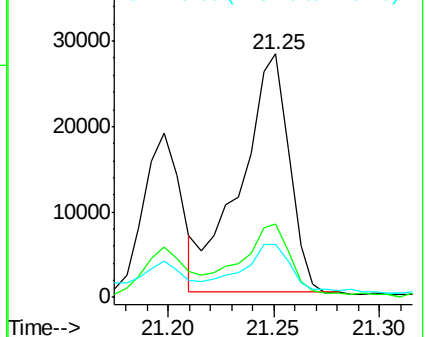
Ion	Ratio	Lower	Upper
228	100		
226	30.3	24.5	36.7
229	21.8	15.8	23.8



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: 3.067 ng/ul

RT: 22.76 min Scan# 3361

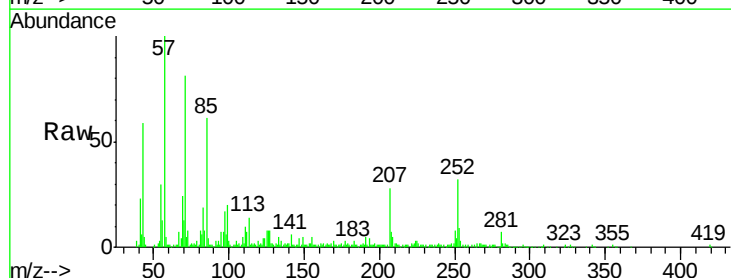
Delta R.T. 0.00 min

Lab File: BN001090.D

Acq: 03 May 2018 02:34

Tgt Ion:252 Resp: 88942

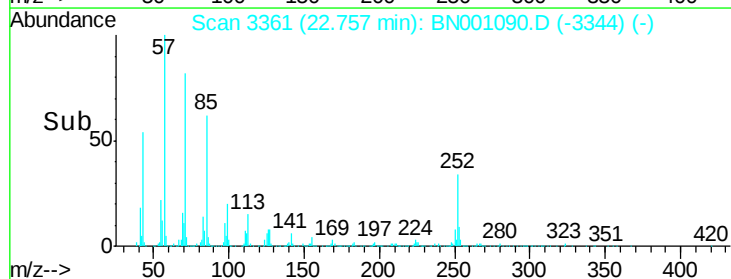
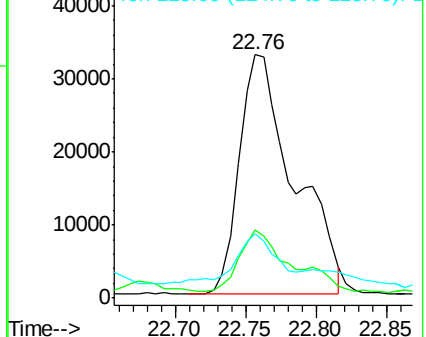
Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	26.3	8.0	12.0#

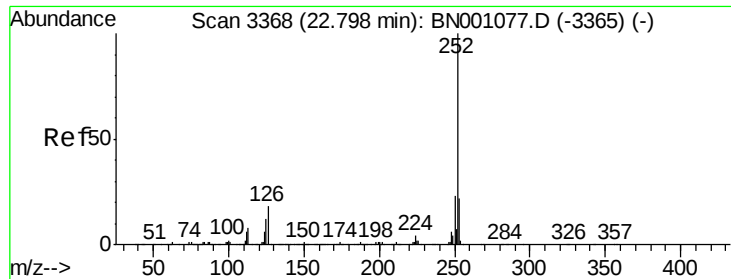


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

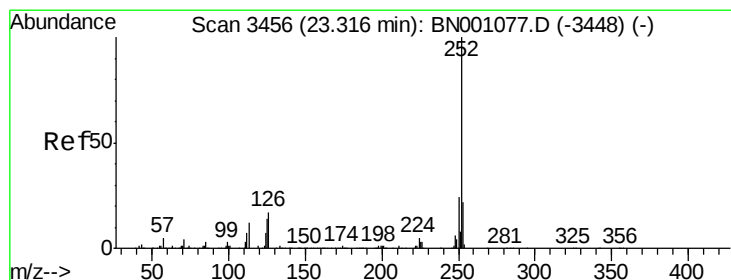
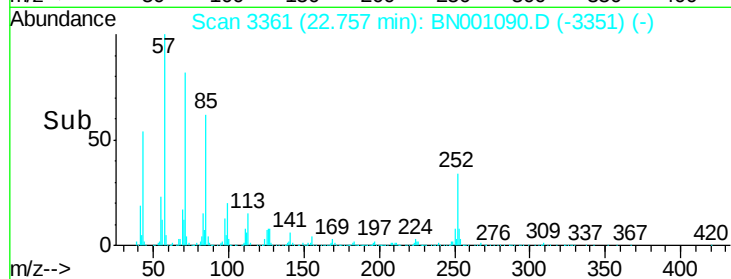
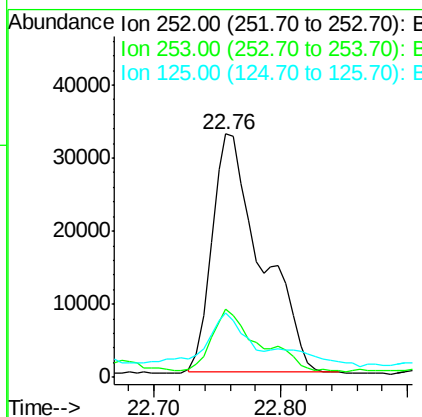
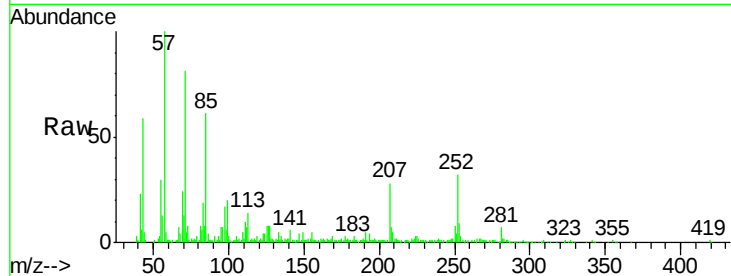




#24
Benzo(k)fluoranthene
Concen: 3.116 ng/ul
RT: 22.76 min Scan# 3361
Delta R.T. -0.04 min
Lab File: BN001090.D
Acq: 03 May 2018 02:34

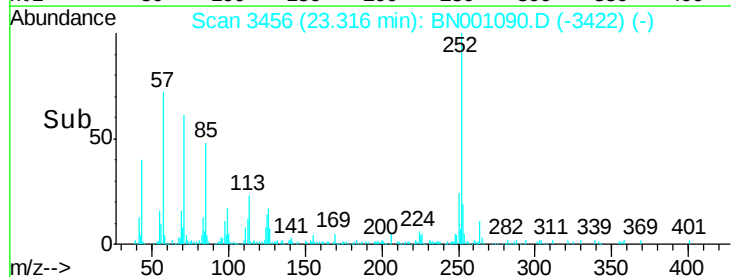
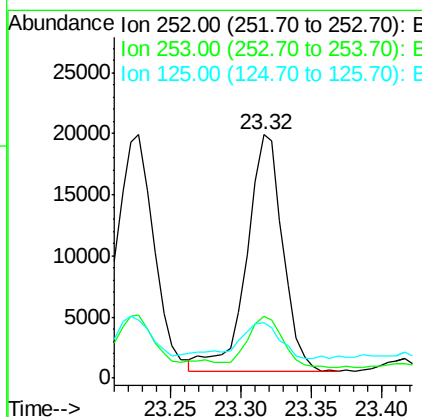
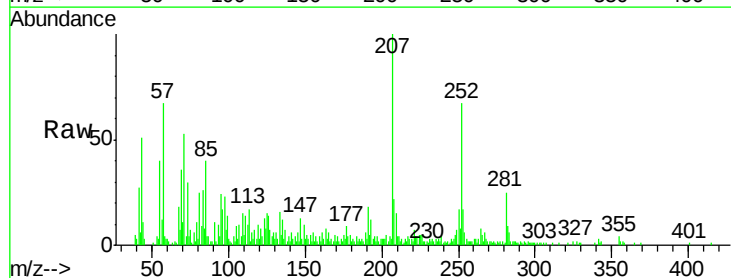
Instrument :
BNA_N
ClientSampleId :

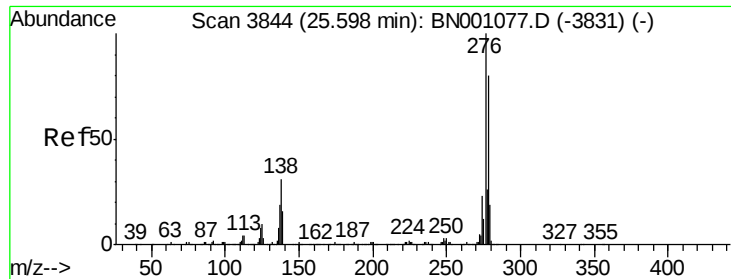
Tot Ion	Ratio	Lower	Upper
252	100		
253	27.8	18.0	27.0#
125	26.3	8.1	12.1#



#26
Benzo(a)pyrene
Concen: 1.253 ng/ul
RT: 23.32 min Scan# 3456
Delta R.T. 0.00 min
Lab File: BN001090.D
Acq: 03 May 2018 02:34

Tgt Ion	Ratio	Lower	Upper
252	100		
253	25.6	17.2	25.8
125	22.9	8.2	12.4#

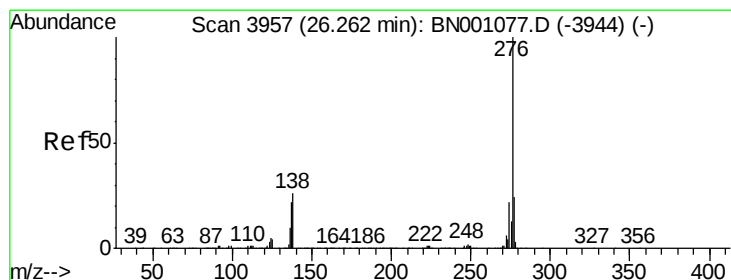
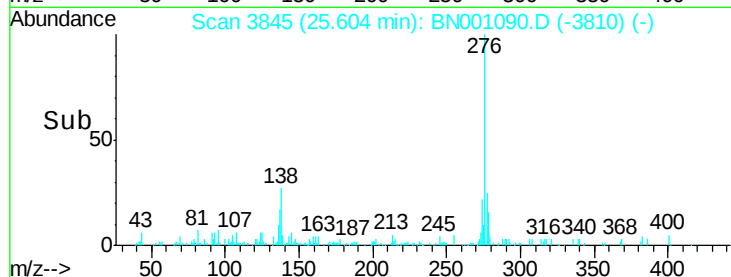
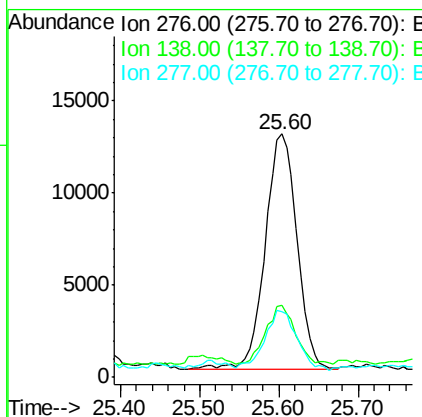
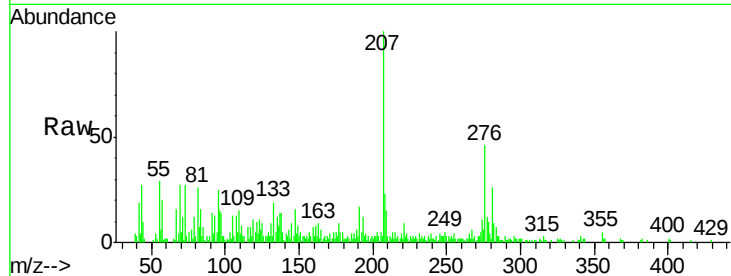




#27
 Indeno(1,2,3-cd)pyrene
 Concen: 1.053 ng/ul
 RT: 25.60 min Scan# 3845
 Delta R.T. 0.01 min
 Lab File: BN001090.D
 Acq: 03 May 2018 02:34

Instrument :
 BNA_N
 ClientSampleId :

Tot Ion:276 Resp: 35237
 Ion Ratio Lower Upper
 276 100
 138 29.9 14.4 21.6#
 277 27.2 18.0 27.0#



#29
 Benzo(g,h,i)perylene
 Concen: 1.267 ng/ul
 RT: 26.27 min Scan# 3959
 Delta R.T. 0.01 min
 Lab File: BN001090.D
 Acq: 03 May 2018 02:34

Tgt Ion:276 Resp: 35477
 Ion Ratio Lower Upper
 276 100
 138 27.5 15.3 22.9#
 277 27.6 19.0 28.4

