

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
 Data File : BM014340.D
 Acq On : 23 Feb 2018 20:44
 Operator : SJ/JU
 Sample : J1631-01 10X
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Feb 23 23:19:35 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Feb 23 23:12:42 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.53	152	114113	20.00	ng/ul	0.00
18) Naphthalene-d8	10.30	136	516904	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.18	164	316521	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.94	188	685243	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	645169	20.00	ng/ul	0.00
83) Perylene-d12	23.32	264	526625	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.11	96	1416	0.53	ng/uL	0.00
5) Phenol-d5	6.76	99	6160	0.64	ng/ul	0.04
7) Bis-(2-Chloroethyl)ether-d	6.89	67	6271	1.07	ng/ul	0.01
9) 2-Chlorophenol-d4	7.08	132	7920	1.07	ng/ul	0.02
13) 4-Methylphenol-d8	8.27	113	4966	0.59	ng/ul	0.03
19) Nitrobenzene-d5	8.70	128	1904	0.50	ng/ul	0.02
22) 2-Nitrophenol-d4	9.41	143	1697	0.43	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	10.02	165	2722	0.33	ng/ul	0.08
29) 4-Chloroaniline-d4	10.53	131	150	0.02	ng/ul	0.07
43) Dimethylphthalate-d6	13.61	166	44313	1.70	ng/ul	0.00
46) Acenaphthylene-d8	13.87	160	53943	1.67	ng/ul	0.00
51) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
57) Fluorene-d10	15.19	176	41277	1.76	ng/ul	0.01
62) 4,6-Dinitro-2-methylphenol	15.37	200	1799	0.44	ng/ul	0.04
70) Anthracene-d10	17.04	188	64117	1.94	ng/ul	0.00
76) Pyrene-d10	19.34	212	72420	2.18	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.19	264	57611	2.25	ng/ul	0.00

Target Compounds

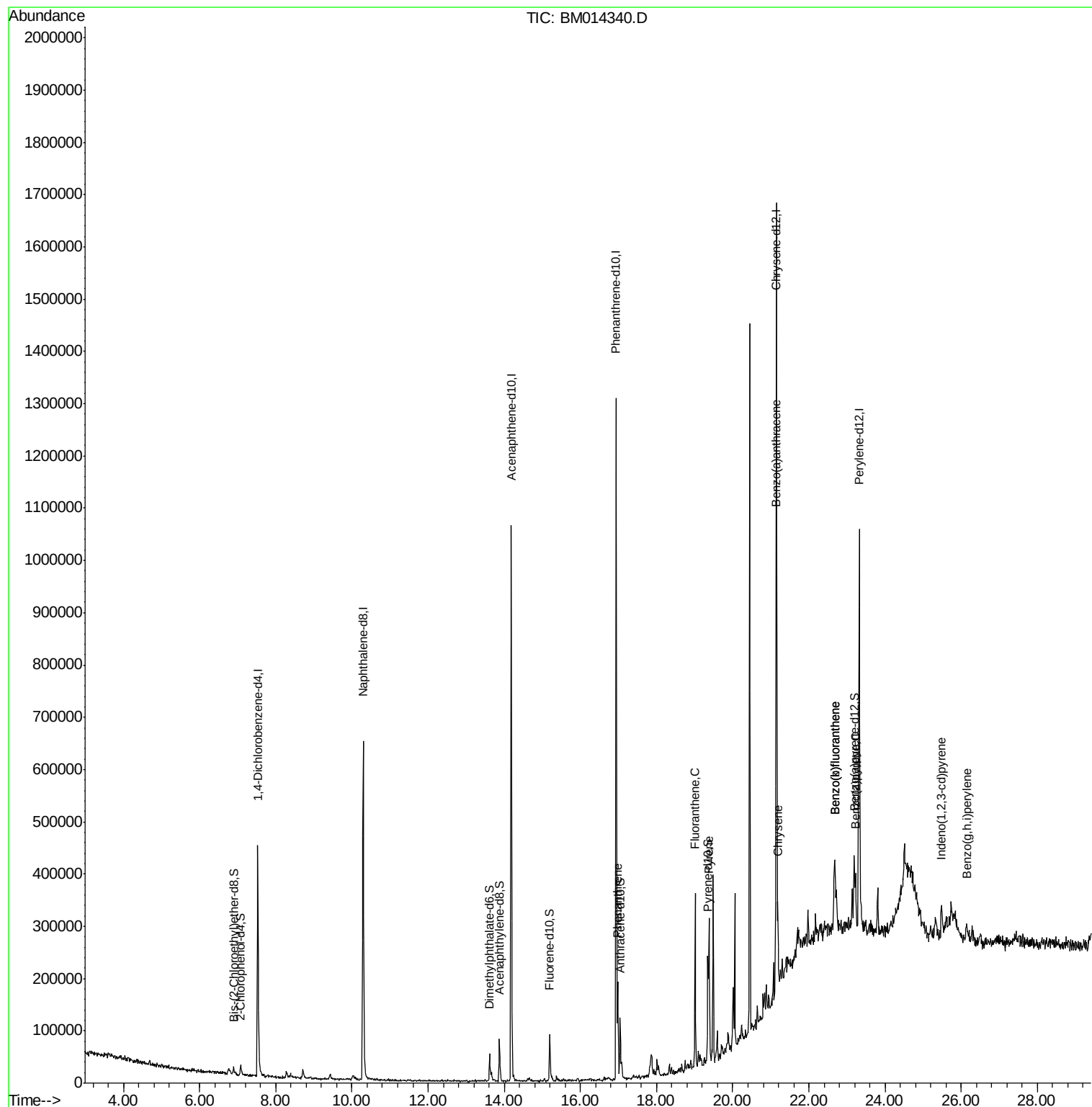
					Ovalue	
69) Phenanthrene	16.99	178	98448	2.494	ng/ul	96
74) Fluoranthene	19.01	202	186556	3.955	ng/ul#	92
77) Pyrene	19.38	202	163689	3.818	ng/ul#	97
80) Benzo(a)anthracene	21.13	228	87802	2.181	ng/ul	93
82) Chrysene	21.19	228	84425	2.248	ng/ul	99
85) Benzo(b)fluoranthene	22.68	252	102801	2.915	ng/ul#	97
86) Benzo(k)fluoranthene	22.68	252	102801	3.066	ng/ul#	95
88) Benzo(a)pyrene	23.23	252	63720	2.022	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.47	276	43961	1.438	ng/ul	98
91) Benzo(g,h,i)perylene	26.15	276	31899	1.288	ng/ul#	86

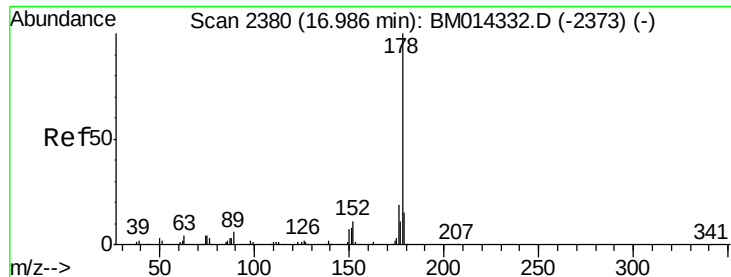
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022318\
Data File : BM014340.D
Acq On : 23 Feb 2018 20:44
Operator : SJ/JU
Sample : J1631-01 10X
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Feb 23 23:19:35 2018
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri Feb 23 23:12:42 2018
Response via : Initial Calibration





#69

Phenanthrene

Concen: 2.494 ng/ul

RT: 16.99 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Instrument :

BNA_M

ClientSampleId :

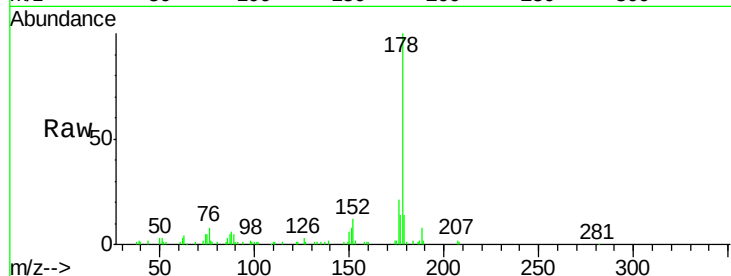
Tot Ion:178 Resp: 98448

Ion Ratio Lower Upper

178 100

179 13.8 12.6 19.0

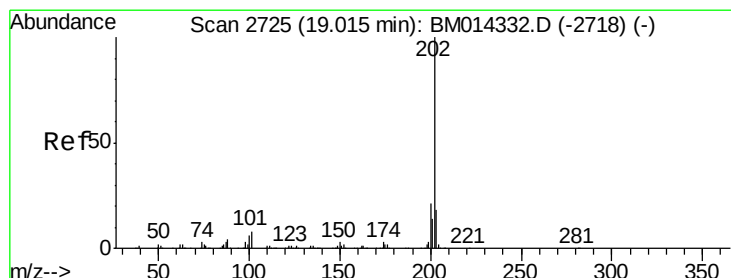
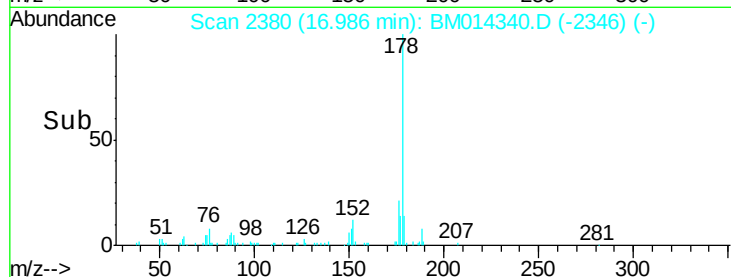
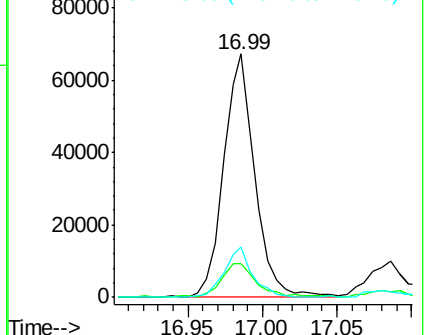
176 20.5 14.9 22.3



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



#74

Fluoranthene

Concen: 3.955 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. -0.01 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

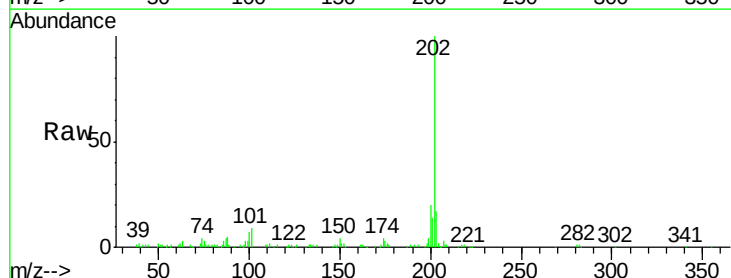
Tgt Ion:202 Resp: 186556

Ion Ratio Lower Upper

202 100

101 9.1 4.6 7.0#

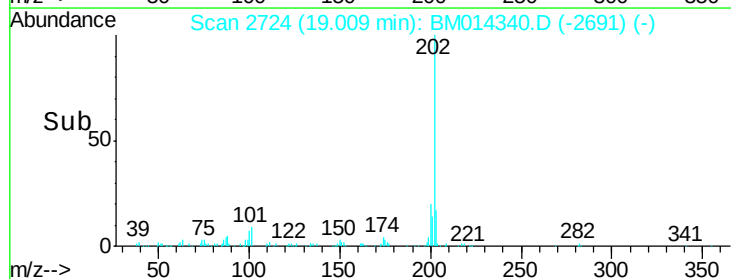
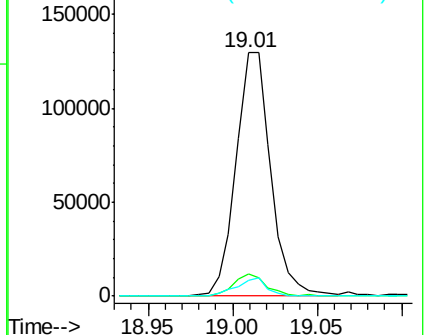
100 6.5 3.4 5.2#

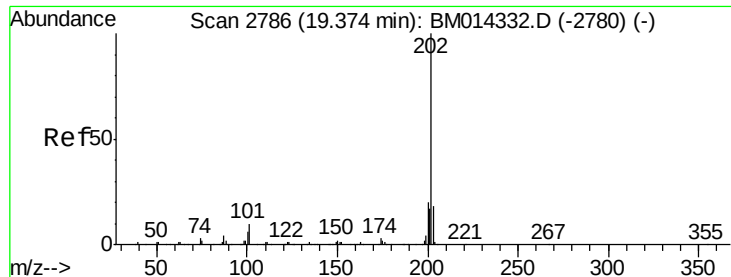


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.818 ng/ul

RT: 19.38 min Scan# 2787

Delta R.T. 0.01 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Instrument :

BNA_M

ClientSampled :

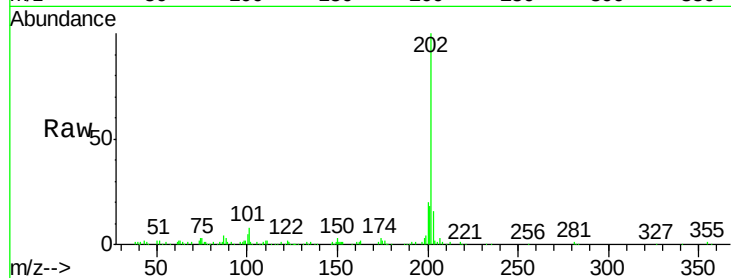
Tot Ion:202 Resp: 163689

Ion Ratio Lower Upper

202 100

101 7.7 5.1 7.7#

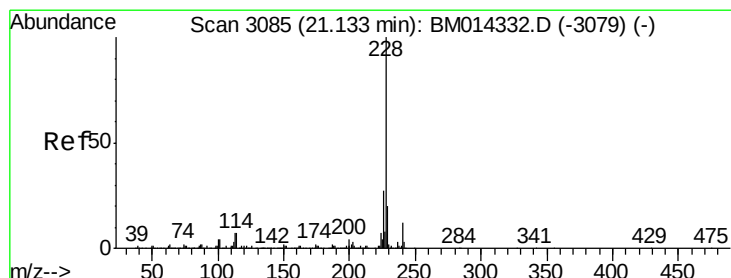
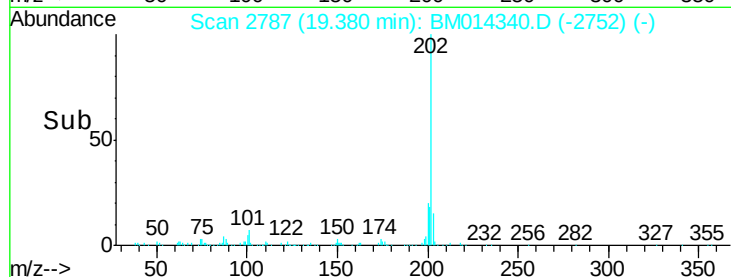
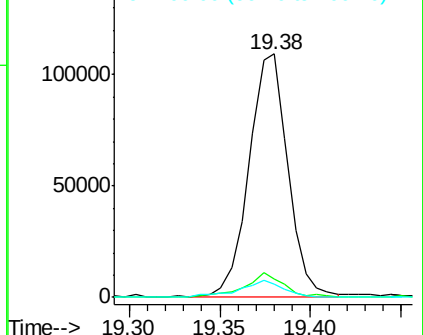
100 5.3 4.9 7.3



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



#80

Benzo(a)anthracene

Concen: 2.181 ng/ul

RT: 21.13 min Scan# 3085

Delta R.T. -0.00 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

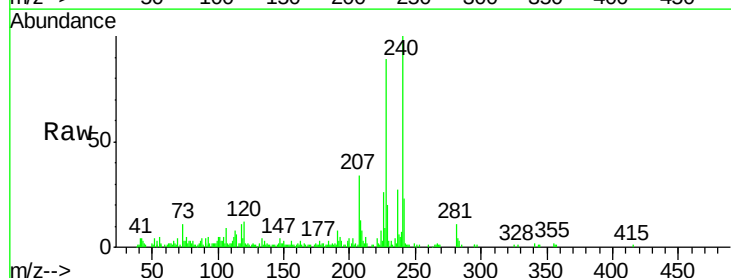
Tgt Ion:228 Resp: 87802

Ion Ratio Lower Upper

228 100

229 22.4 15.4 23.0

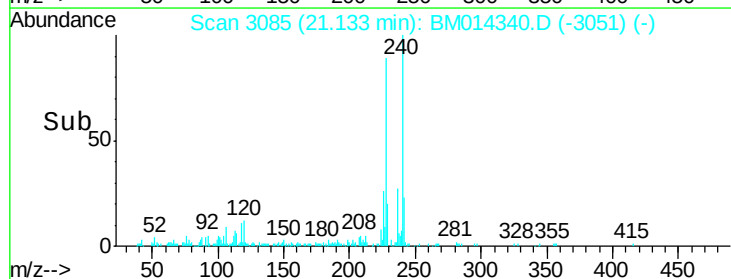
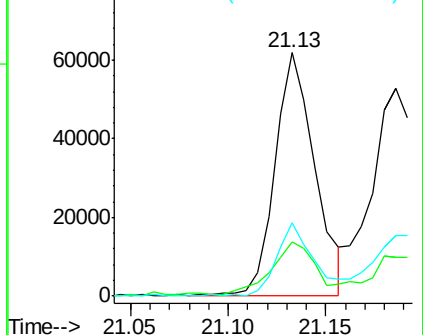
226 29.9 21.4 32.0

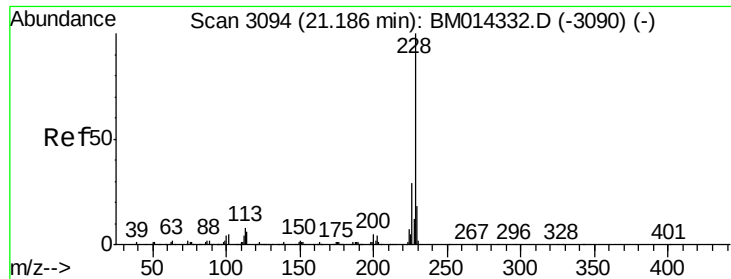


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 2.248 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. -0.00 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

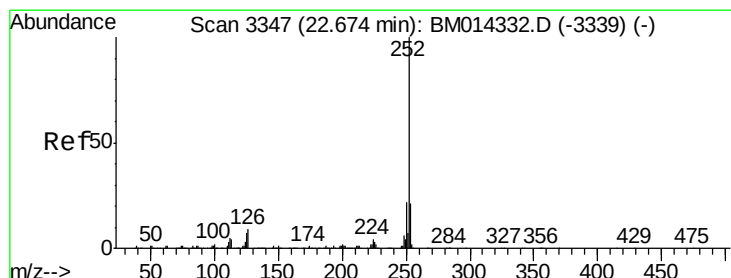
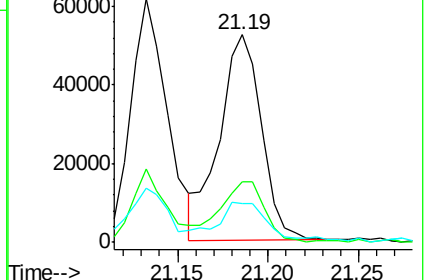
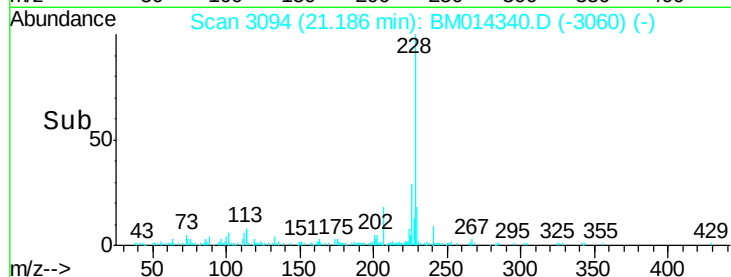
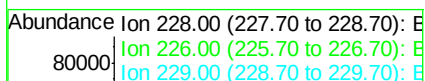
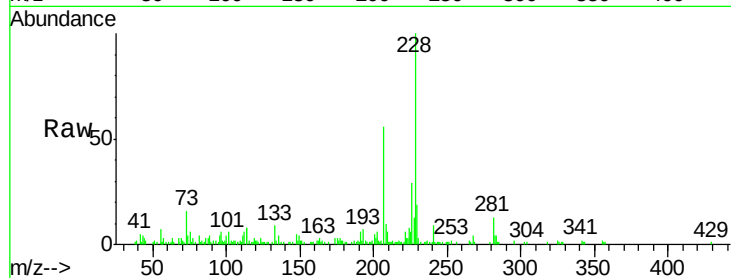
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 84425

Ion	Ratio	Lower	Upper
228	100		
226	28.9	23.4	35.2
229	19.0	15.5	23.3



#85

Benzo(b)fluoranthene

Concen: 2.915 ng/ul

RT: 22.68 min Scan# 3348

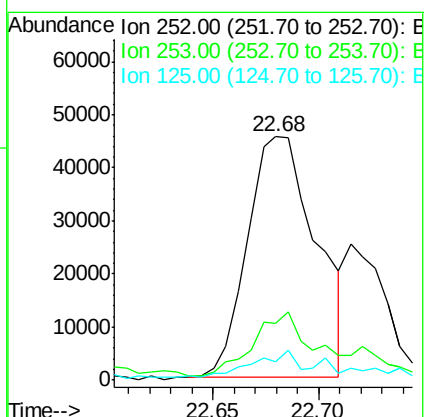
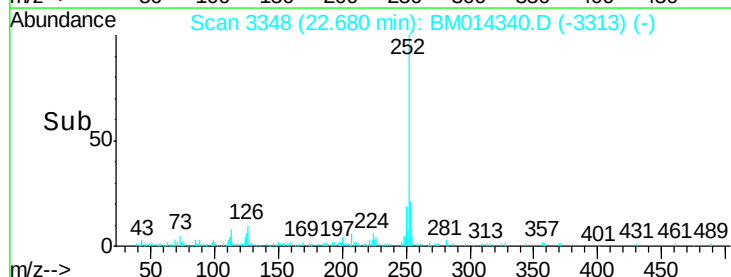
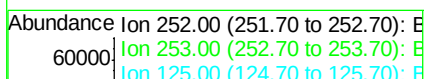
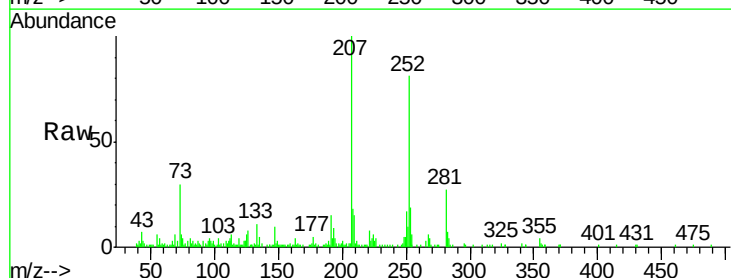
Delta R.T. 0.01 min

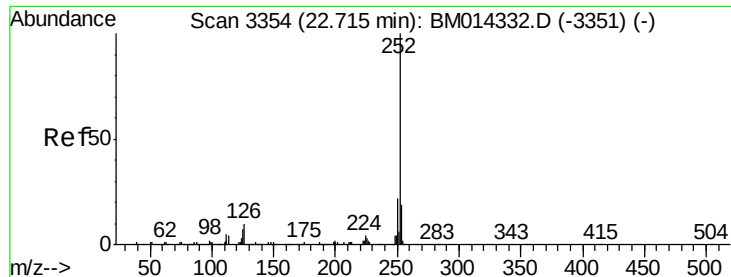
Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Tgt Ion:252 Resp: 102801

Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.9	26.9
125	7.6	3.6	5.4





#86

Benzo(k)fluoranthene

Concen: 3.066 ng/ul

RT: 22.68 min Scan# 3348

Delta R.T. -0.04 min

Lab File: BM014340.D

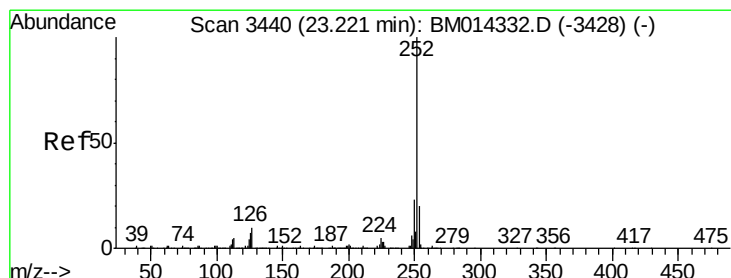
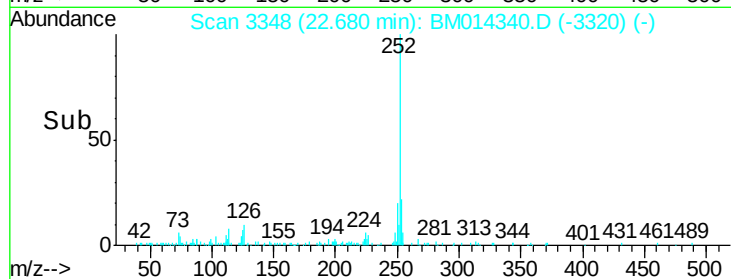
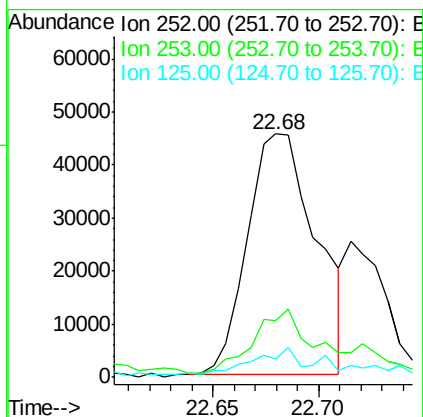
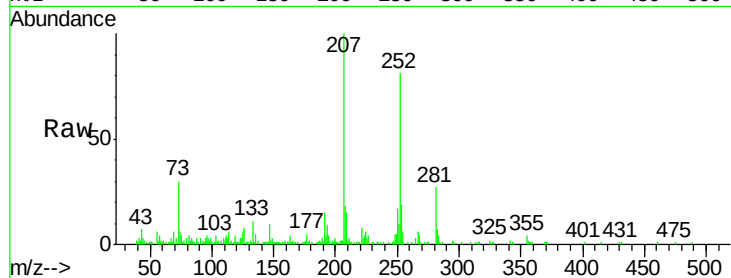
Acq: 23 Feb 2018 20:44

Instrument :

BNA_M

ClientSampleId :

Tot Ion:252	Resp:	102801
Ion Ratio	Lower	Upper
252	100	
253	23.2	17.1 25.7
125	7.6	3.4 5.2#



#88

Benzo(a)pyrene

Concen: 2.022 ng/ul

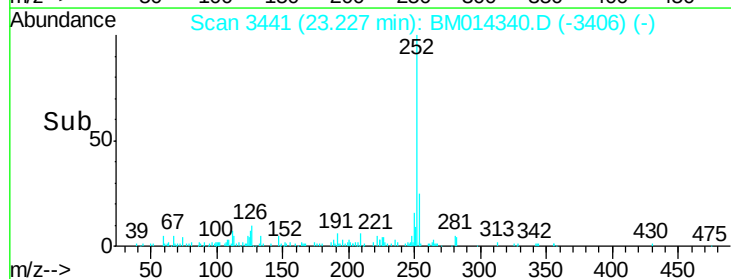
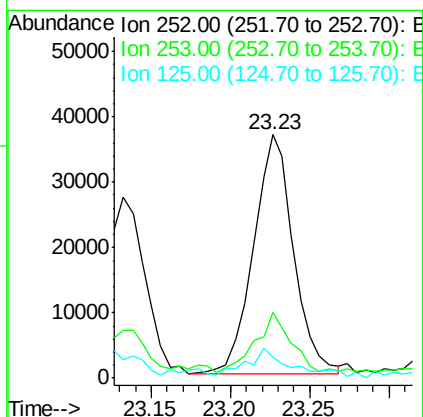
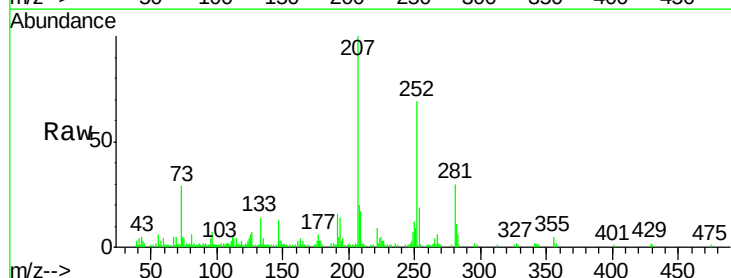
RT: 23.23 min Scan# 3441

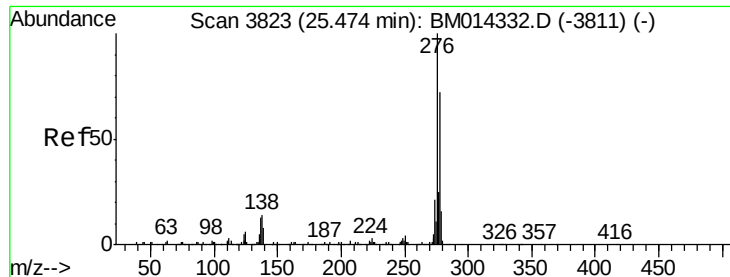
Delta R.T. 0.01 min

Lab File: BM014340.D

Acq: 23 Feb 2018 20:44

Tgt Ion:252	Resp:	63720
Ion Ratio	Lower	Upper
252	100	
253	27.1	18.2 27.2
125	8.4	4.0 6.0#



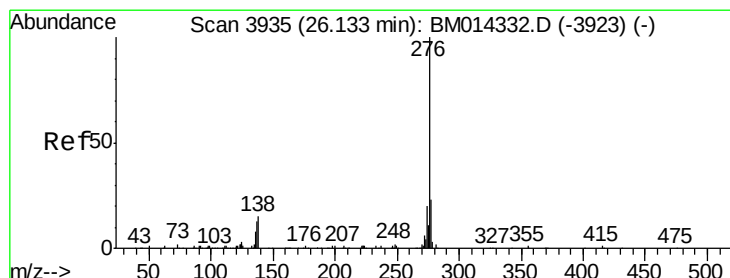
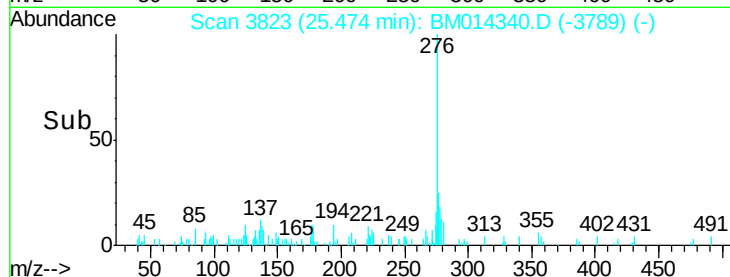
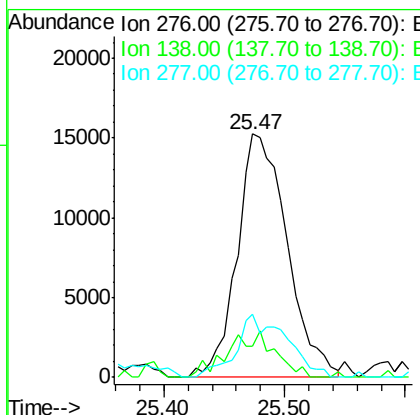
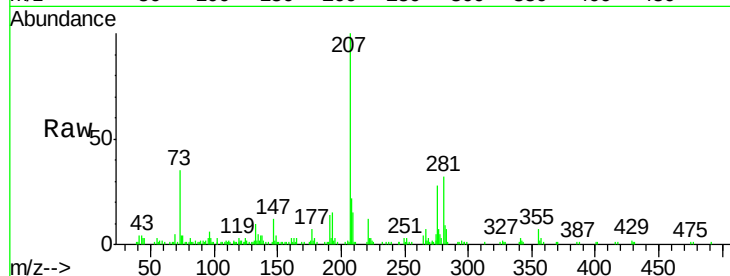


#89

Indeno(1,2,3-cd)pyrene
Concen: 1.438 ng/ul
RT: 25.47 min Scan# 3823
Delta R.T. -0.00 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.6	9.3	13.9
277	25.9	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 1.288 ng/ul
RT: 26.15 min Scan# 3938
Delta R.T. 0.02 min
Lab File: BM014340.D
Acq: 23 Feb 2018 20:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	20.5	8.5	12.7#
277	27.3	18.6	28.0

