

Data Path : Z:\HPCHEM1\BNA M\DATA\BM042518\
 Data File : BM014838.D
 Acq On : 25 Apr 2018 17:44
 Operator : SJ/JU
 Sample : J2449-02
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Apr 26 02:01:10 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM041918.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Apr 26 01:59:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.50	152	291451	20.00	ng/ul	0.00
18) Naphthalene-d8	11.35	136	1182856	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.10	164	599122	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.82	188	1273683	20.00	ng/ul	0.00
75) Chrysene-d12	21.91	240	1364796	20.00	ng/ul	0.00
83) Perylene-d12	24.39	264	1478234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.65	96	33606	5.03	ng/uL	0.00
5) Phenol-d5	7.62	99	565178	25.08	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.80	67	410713	28.43	ng/ul	0.00
9) 2-Chlorophenol-d4	8.02	132	498589	26.45	ng/ul	0.00
13) 4-Methylphenol-d8	9.20	113	404677	22.52	ng/ul	0.00
19) Nitrobenzene-d5	9.69	128	219928	25.72	ng/ul	0.00
22) 2-Nitrophenol-d4	10.42	143	228044	26.78	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.95	165	418010	24.16	ng/ul	0.00
29) 4-Chloroaniline-d4	11.47	131	552975	32.38	ng/ul	0.00
43) Dimethylphthalate-d6	14.50	166	1233708	26.38	ng/ul	0.00
46) Acenaphthylene-d8	14.81	160	1433186	24.82	ng/ul	0.00
51) 4-Nitrophenol-d4	15.26	143	164013	18.90	ng/ul	0.00
57) Fluorene-d10	16.09	176	1064560	26.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.18	200	129404	18.78	ng/ul	0.00
70) Anthracene-d10	17.92	188	1577922	26.58	ng/ul	0.00
76) Pyrene-d10	20.16	212	1741958	26.98	ng/ul	0.00
87) Benzo(a)pyrene-d12	24.23	264	2109850	29.05	ng/ul	0.00

Target Compounds

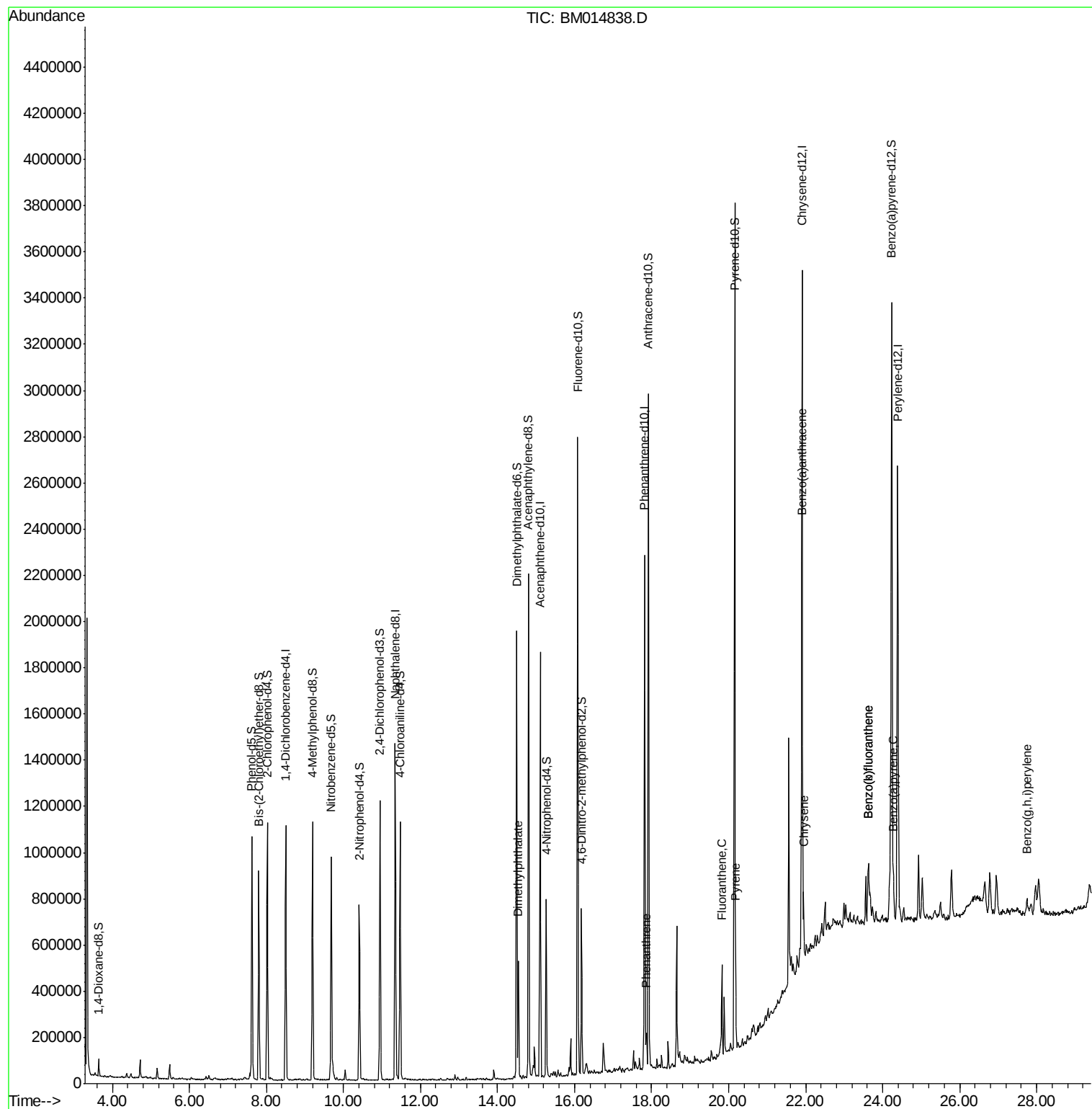
					Ovalue	
44) Dimethylphthalate	14.54	163	302255	6.686	ng/ul	100
69) Phenanthrene	17.86	178	81175	1.187	ng/ul	99
74) Fluoranthene	19.83	202	210562	2.823	ng/ul#	84
77) Pyrene	20.19	202	196799	2.468	ng/ul#	82
80) Benzo(a)anthracene	21.89	228	124631	1.562	ng/ul	98
82) Chrysene	21.94	228	157628	2.110	ng/ul	99
85) Benzo(b)fluoranthene	23.63	252	223565	2.566	ng/ul#	93
86) Benzo(k)fluoranthene	23.63	252	223565	2.668	ng/ul#	91
88) Benzo(a)pyrene	24.28	252	121905	1.475	ng/ul#	92
91) Benzo(a,h,i)perylene	27.75	276	82403	1.002	ng/ul#	86

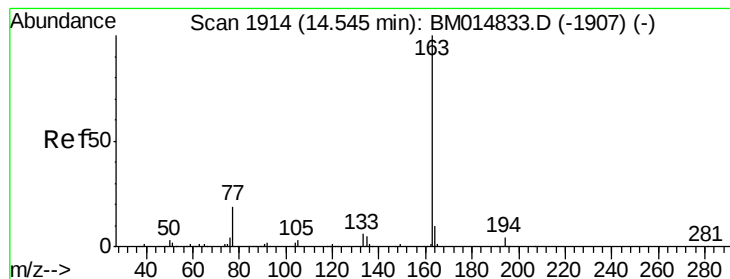
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#44

Dimethylphthalate

Concen: 6.686 ng/ul

RT: 14.54 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

Instrument :

BNA_M

ClientSampleId :

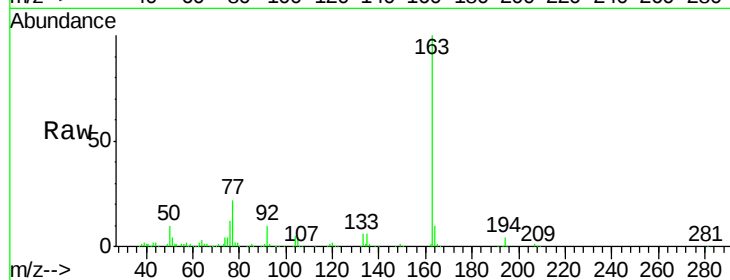
Tot Ion:163 Resp: 302255

Ion Ratio Lower Upper

163 100

194 4.3 3.5 5.3

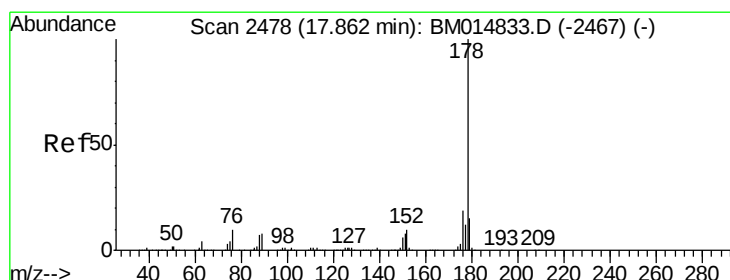
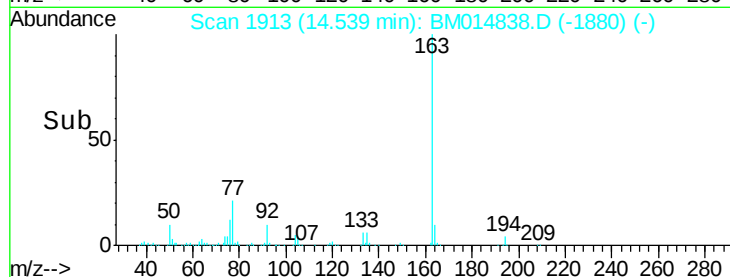
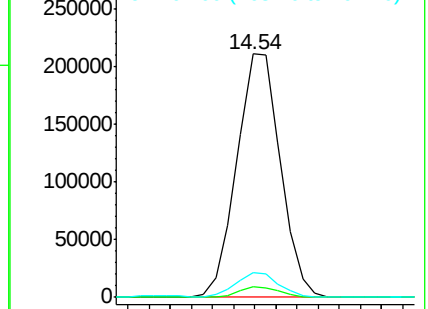
164 10.4 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69

Phenanthrene

Concen: 1.187 ng/ul

RT: 17.86 min Scan# 2478

Delta R.T. 0.00 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

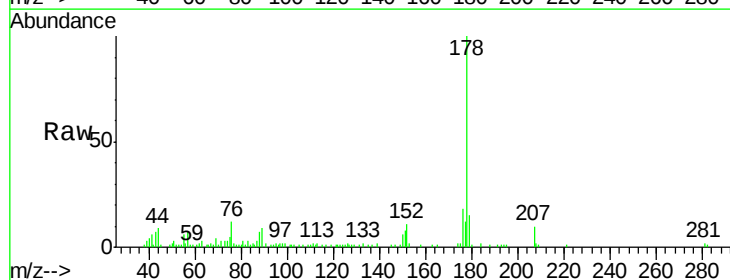
Tgt Ion:178 Resp: 81175

Ion Ratio Lower Upper

178 100

179 15.3 12.6 19.0

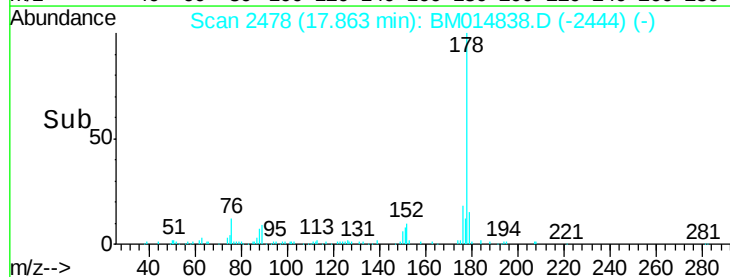
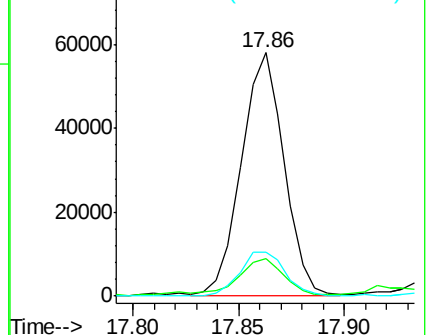
176 18.3 14.9 22.3

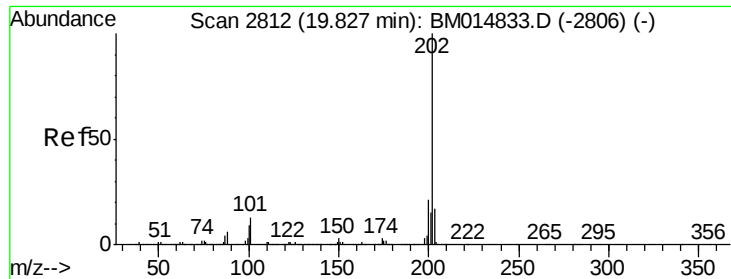


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

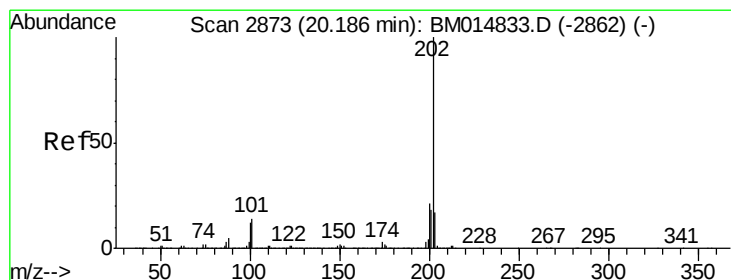
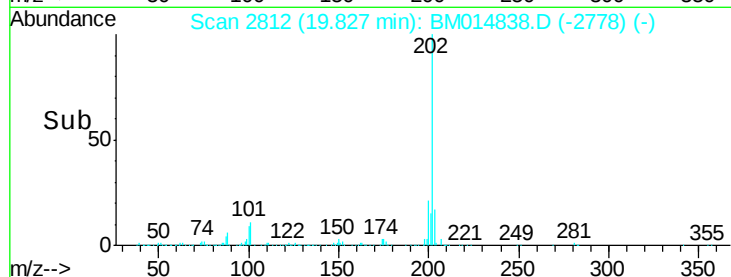
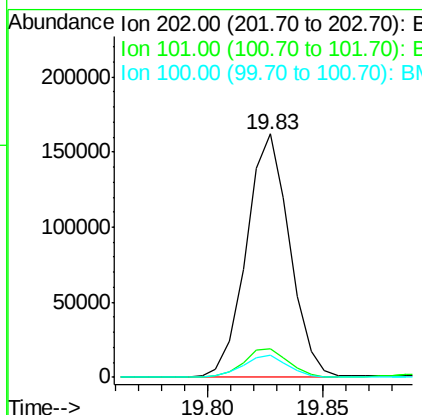
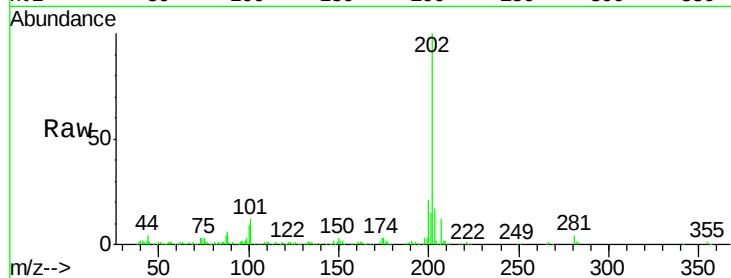




#74
 Fluoranthene
 Concen: 2.823 ng/ul
 RT: 19.83 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BM014838.D
 Acq: 25 Apr 2018 17:44

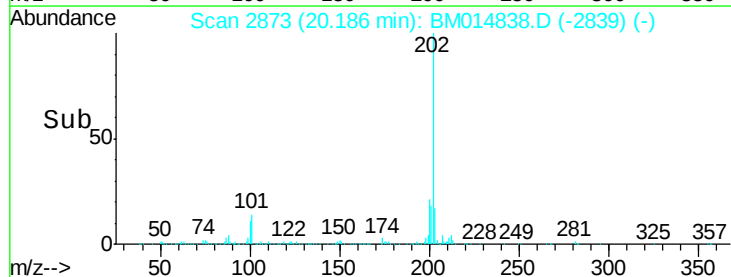
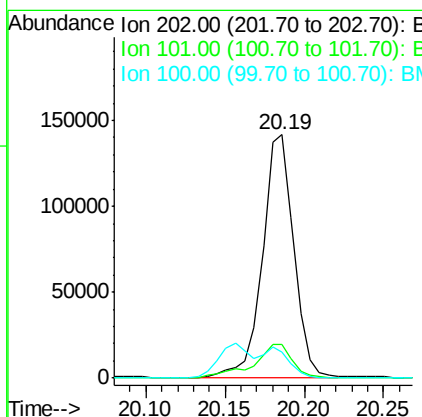
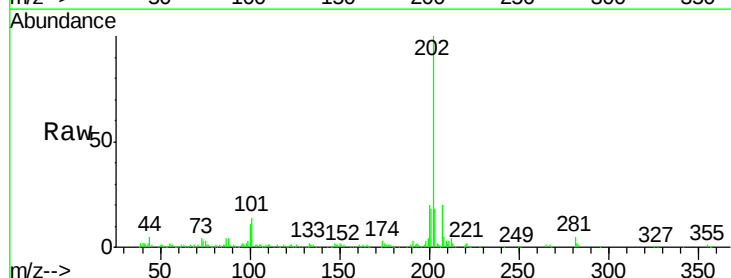
Instrument :
 BNA_M
 ClientSampleId :

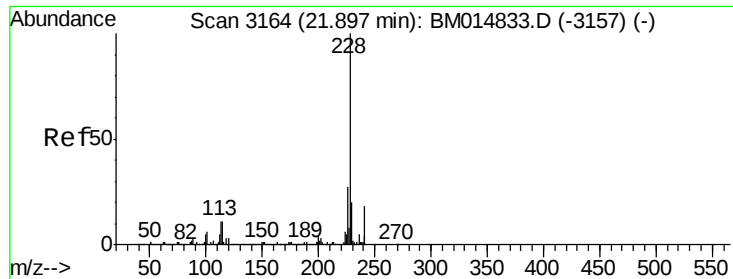
Tot Ion	Ratio	Resp	Lower	Upper
202	100	210562		
101	11.5		4.6	7.0#
100	9.3		3.4	5.2#



#77
 Pyrene
 Concen: 2.468 ng/ul
 RT: 20.19 min Scan# 2873
 Delta R.T. 0.00 min
 Lab File: BM014838.D
 Acq: 25 Apr 2018 17:44

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	196799		
101	14.0		5.1	7.7#
100	10.9		4.9	7.3#





#80

Benzo(a)anthracene

Concen: 1.562 ng/ul

RT: 21.89 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BM014838.D

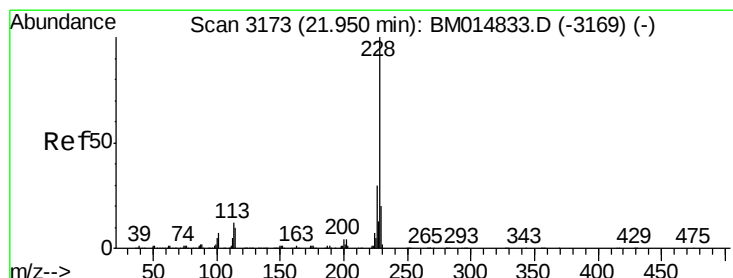
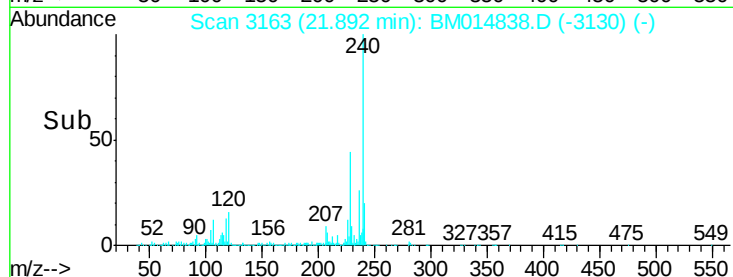
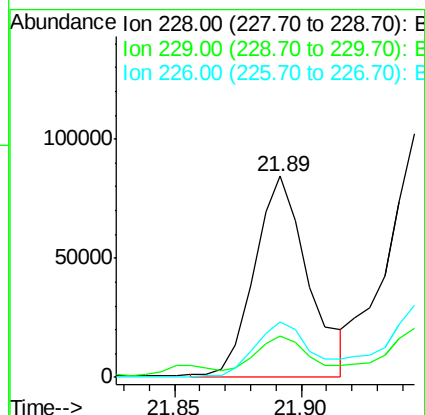
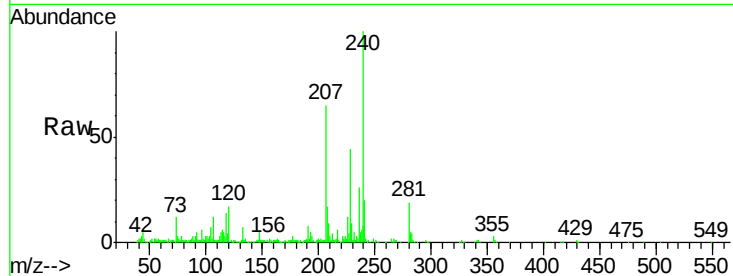
Acq: 25 Apr 2018 17:44

Instrument :

BNA_M

ClientSampled :

Tot Ion:	228	Resp:	124631
Ion	Ratio	Lower	Upper
228	100		
229	20.4	15.4	23.0
226	27.5	21.4	32.0



#82

Chrysene

Concen: 2.110 ng/ul

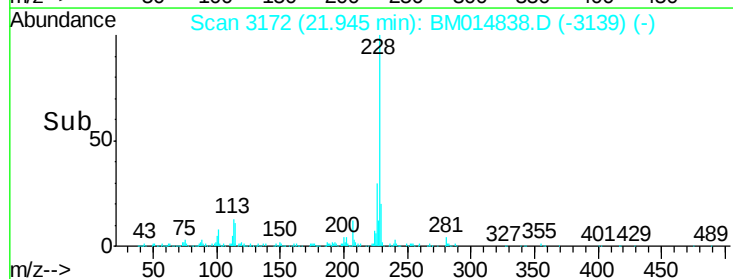
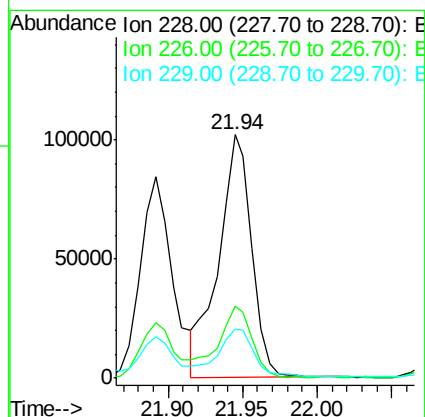
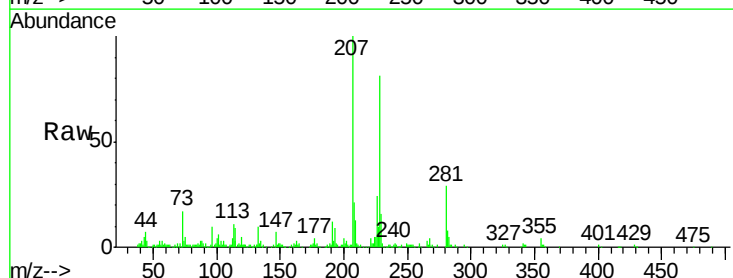
RT: 21.94 min Scan# 3172

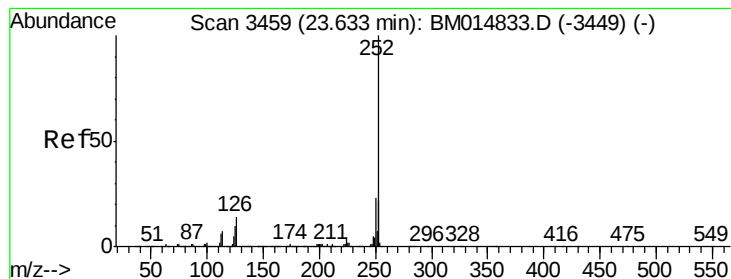
Delta R.T. -0.01 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

Tgt Ion:	228	Resp:	157628
Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	20.3	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 2.566 ng/ul

RT: 23.63 min Scan# 3459

Delta R.T. 0.00 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

Instrument :

BNA_M

ClientSampleId :

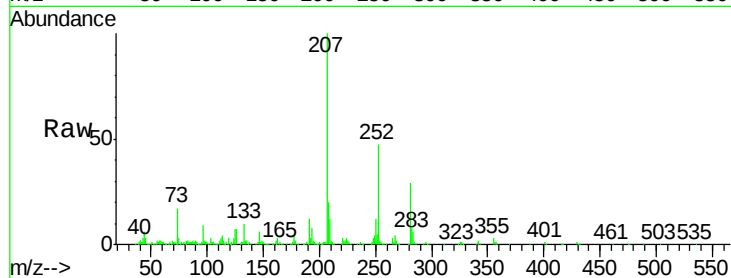
Tot Ion:252 Resp: 223565

Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

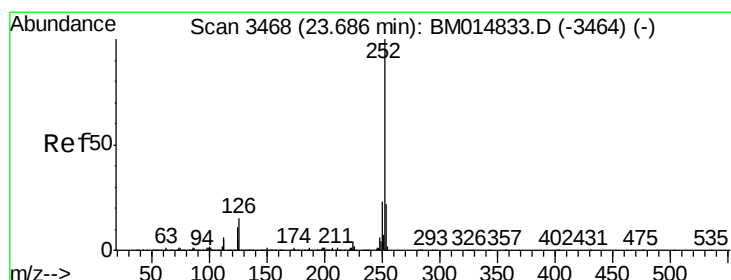
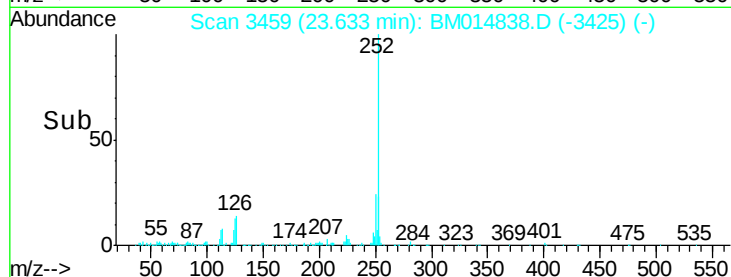
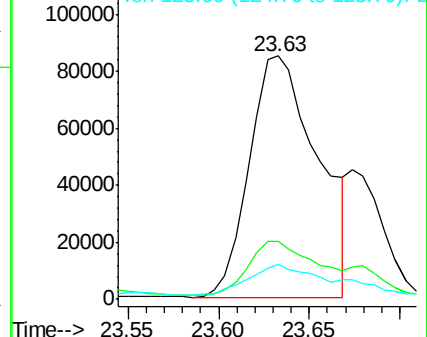
125 14.4 3.6 5.4#



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



#86

Benzo(k)fluoranthene

Concen: 2.668 ng/ul

RT: 23.63 min Scan# 3459

Delta R.T. -0.05 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

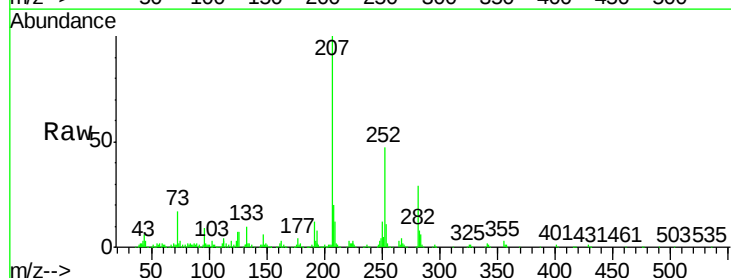
Tgt Ion:252 Resp: 223565

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

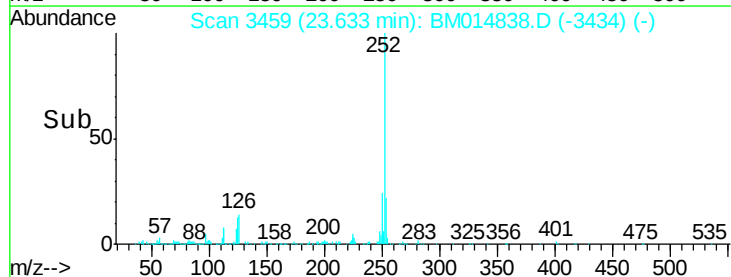
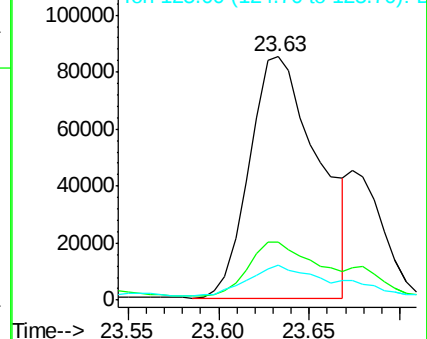
125 14.4 3.4 5.2#

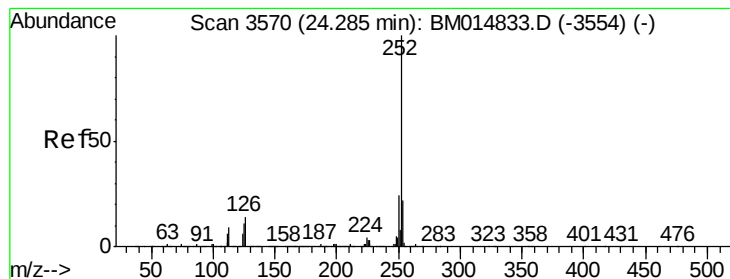


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 1.475 ng/ul

RT: 24.28 min Scan# 3569

Delta R.T. -0.01 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

Instrument :

BNA_M

ClientSampleId :

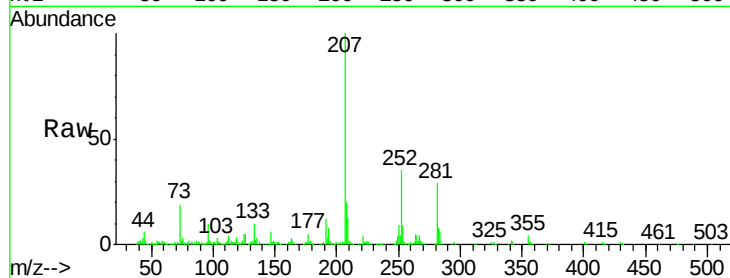
Tot Ion:252 Resp: 121905

Ion Ratio Lower Upper

252 100

253 25.0 18.2 27.2

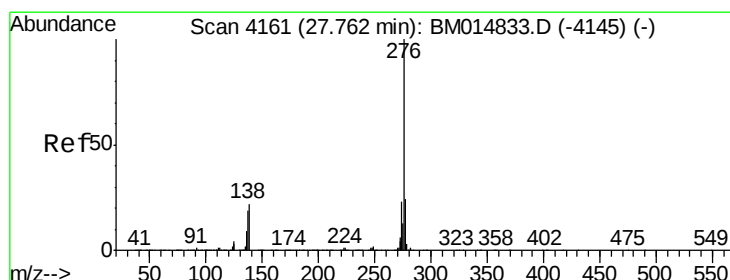
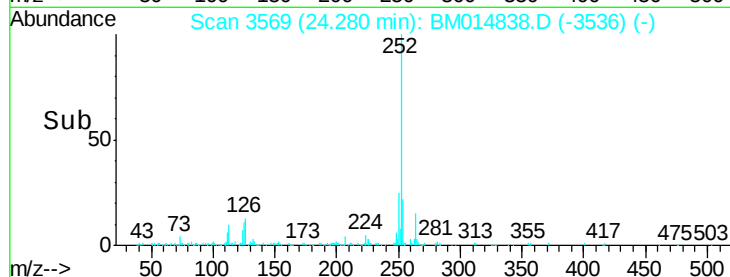
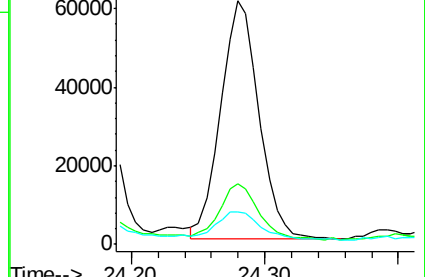
125 13.3 4.0 6.0#



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



#91

Benzo(g,h,i)perylene

Concen: 1.002 ng/ul

RT: 27.75 min Scan# 4159

Delta R.T. -0.01 min

Lab File: BM014838.D

Acq: 25 Apr 2018 17:44

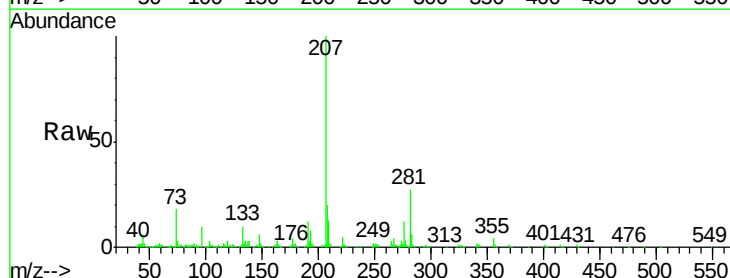
Tgt Ion:276 Resp: 82403

Ion Ratio Lower Upper

276 100

138 25.4 8.5 12.7#

277 24.6 18.6 28.0



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

