

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 :
 C0AD7

Quant Time: Apr 26 02:19:36 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

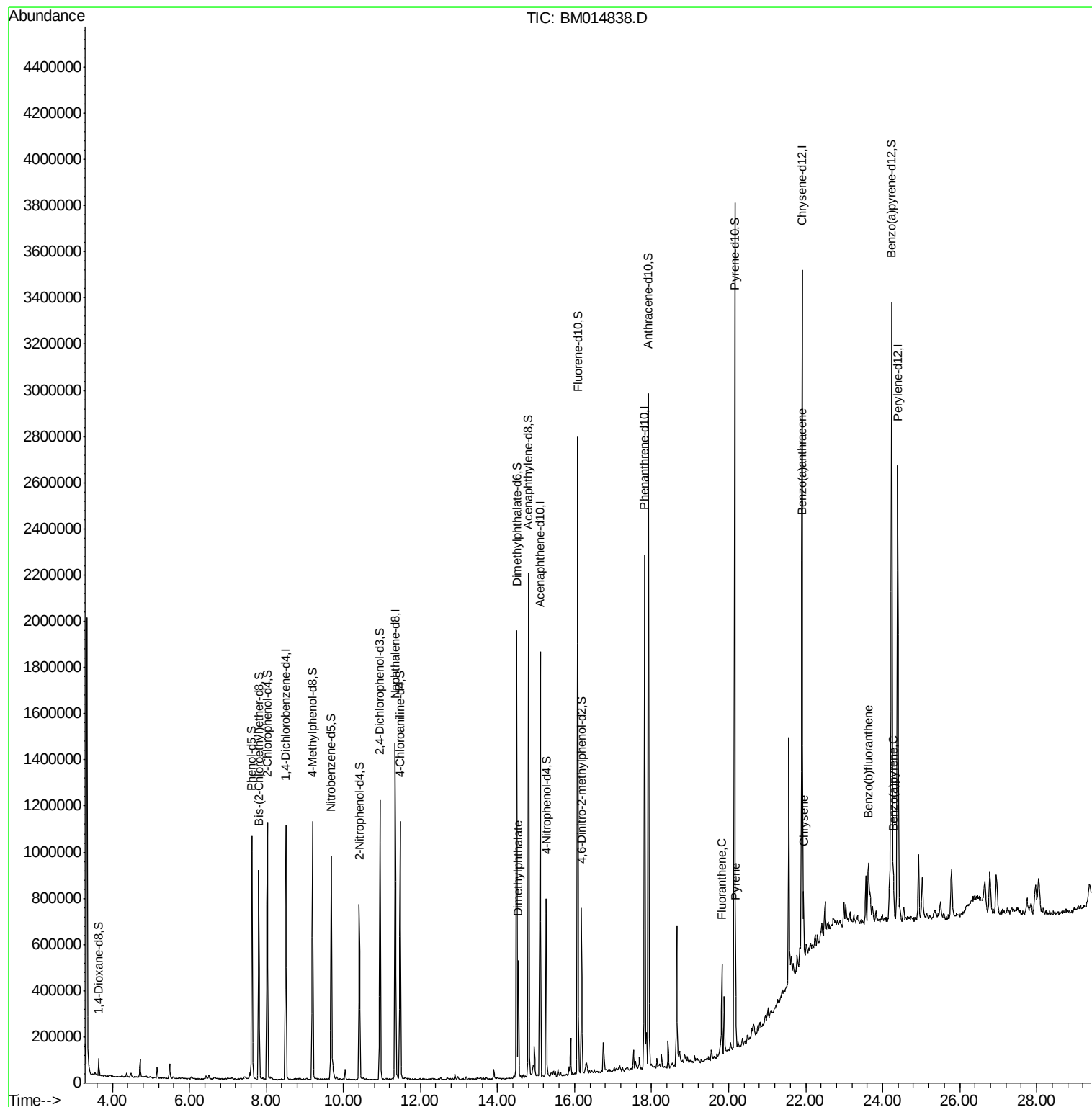
					Ovalue	
44) Dimethylphthalate	14.54	163	302255	6.686	ng/ul	100
74) Fluoranthene	19.83	202	210562	2.823	ng/ul#	84
77) Pyrene	20.19	202	196799	2.468	ng/ul#	82
80) Benzo(a)anthracene	21.89	228	124631	1.562	ng/ul	98
82) Chrysene	21.94	228	157628	2.110	ng/ul	99
85) Benzo(b)fluoranthene	23.63	252	223565	2.566	ng/ul#	93
88) Benzo(a)pyrene	24.28	252	121905	1.475	ng/ul#	92

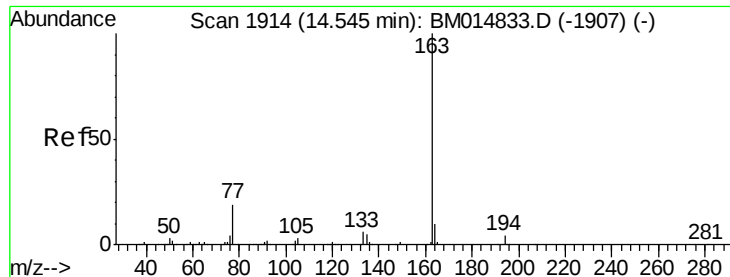
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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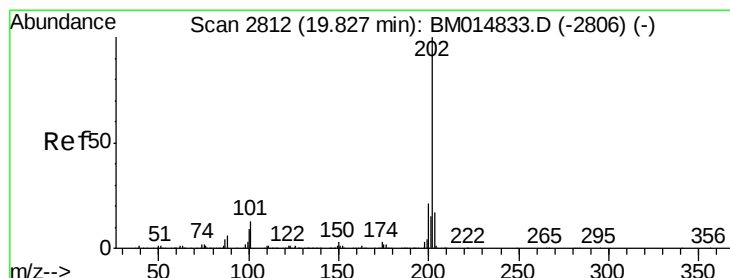
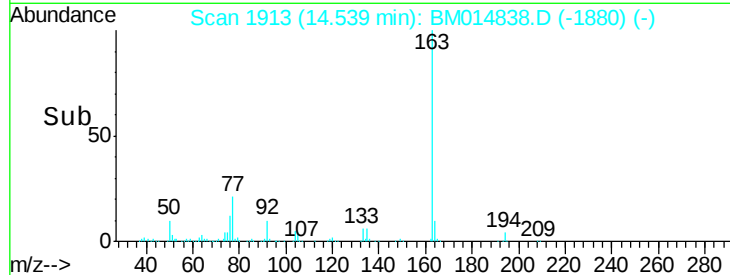
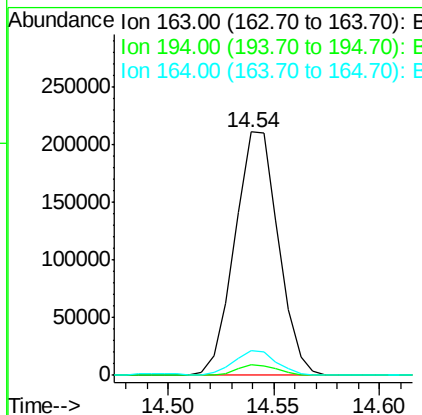
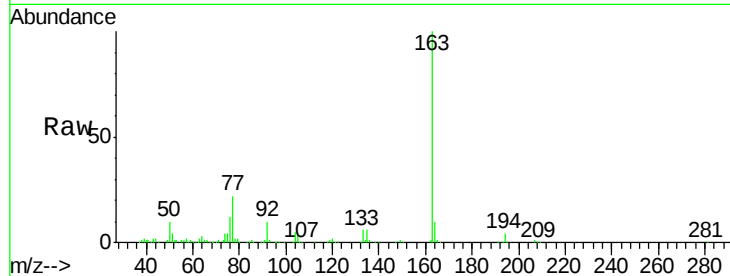




#44
Dimethylphthalate
Concen: 6.686 ng/ul
RT: 14.54 min Scan# 1913
Delta R.T. -0.01 min
Lab File: BM014838.D
Acq: 25 Apr 2018 17:44

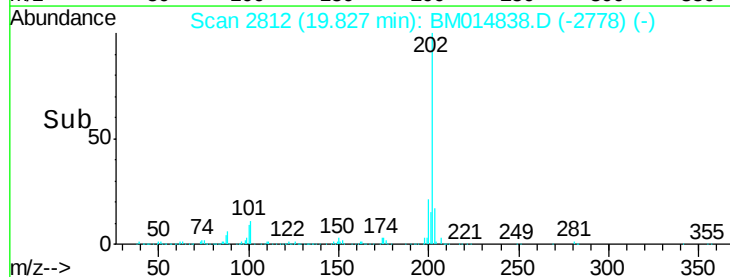
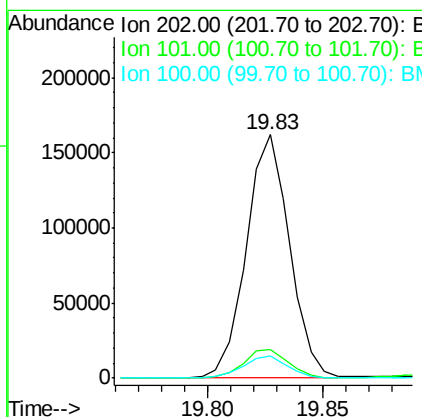
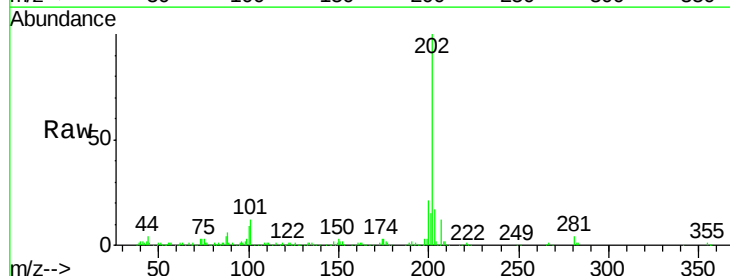
Instrument :
BNA_M
ClientSampleId :
C0AD7

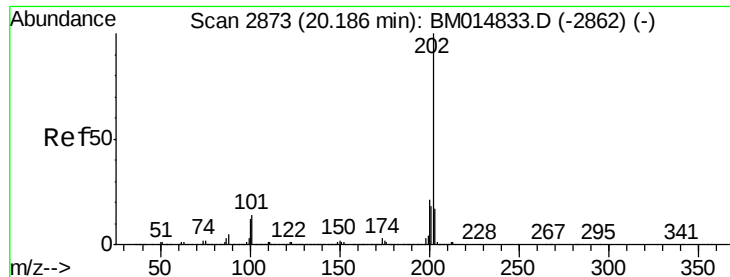
Tot Ion:163 Resp: 302255
Ion Ratio Lower Upper
163 100
194 4.3 3.5 5.3
164 10.4 8.2 12.4



#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

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





#77

Pvrene

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

Instrument :

BNA_M

ClientSampleId :

C0AD7

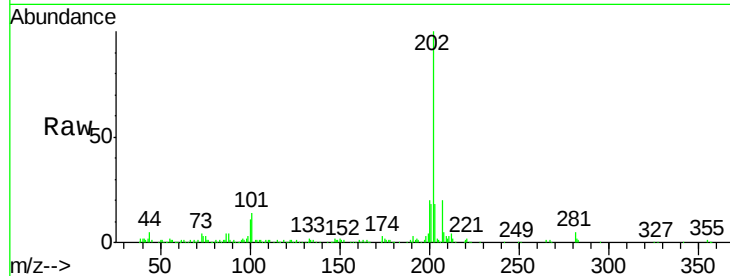
Tot Ion:202 Resp: 196799

Ion Ratio Lower Upper

202 100

101 14.0 5.1 7.7#

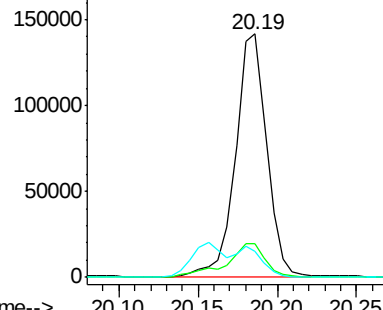
100 10.9 4.9 7.3#



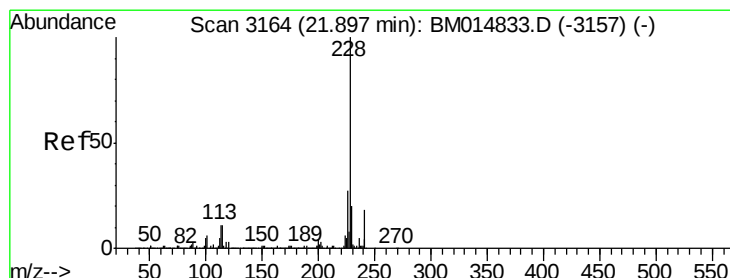
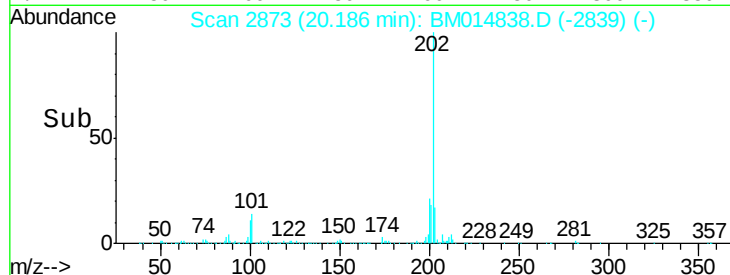
Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B



Time-->



#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

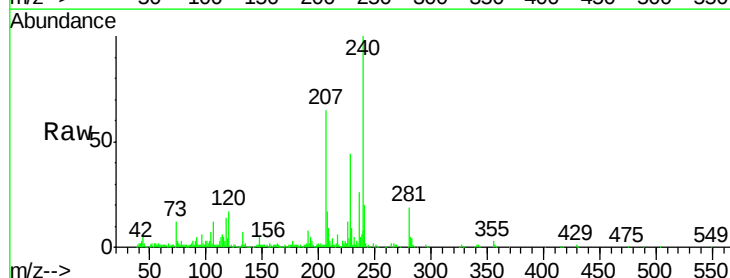
Tgt Ion:228 Resp: 124631

Ion Ratio Lower Upper

228 100

229 20.4 15.4 23.0

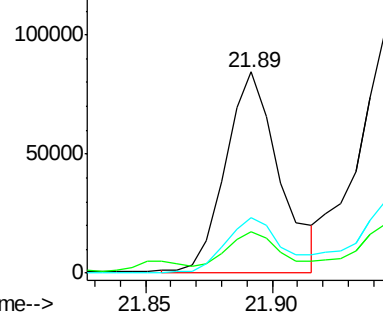
226 27.5 21.4 32.0



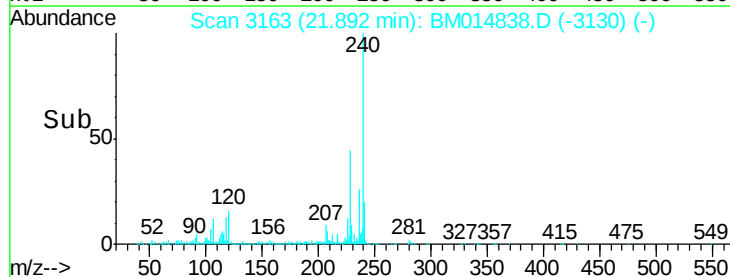
Abundance Ion 228.00 (227.70 to 228.70): E

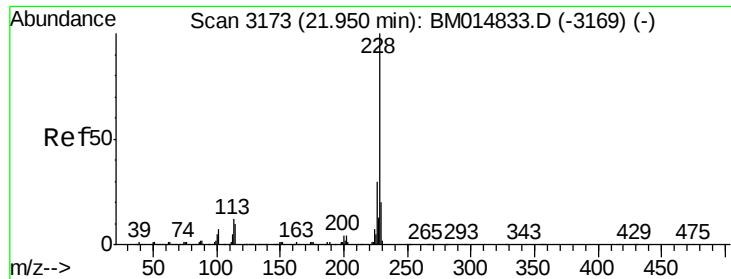
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



Time-->





#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

Instrument :

BNA_M

ClientSampleId :

C0AD7

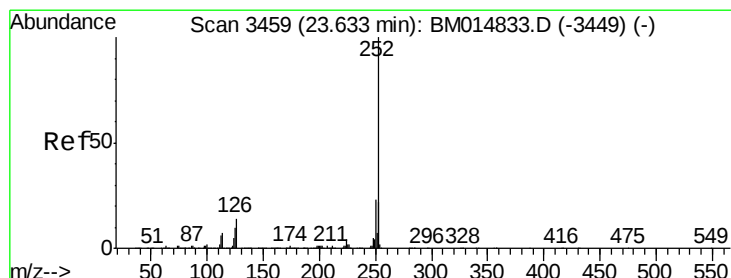
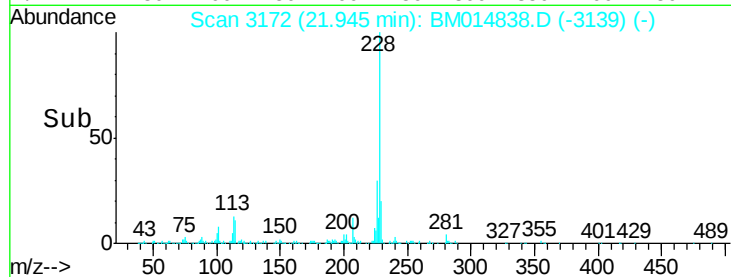
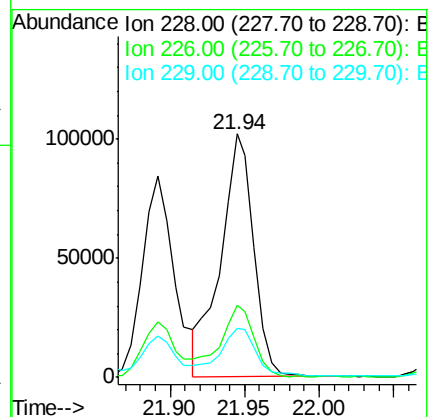
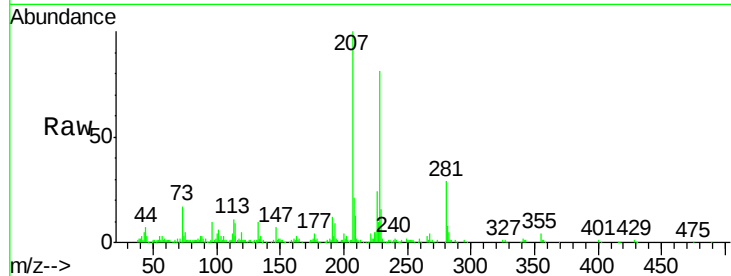
Tot Ion:228 Resp: 157628

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

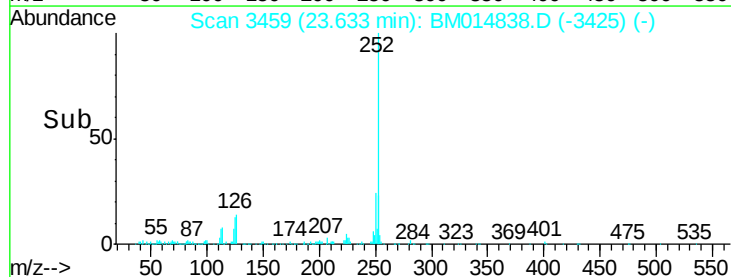
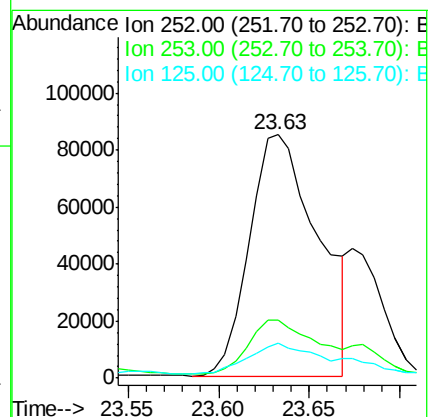
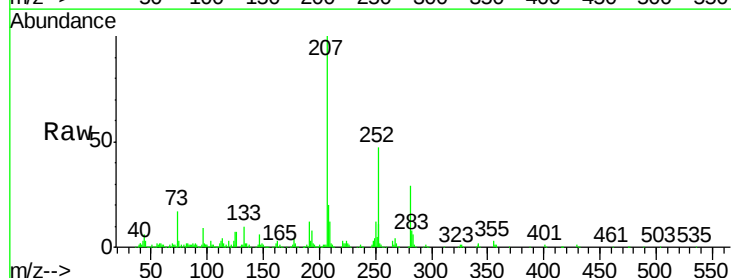
Tgt Ion:252 Resp: 223565

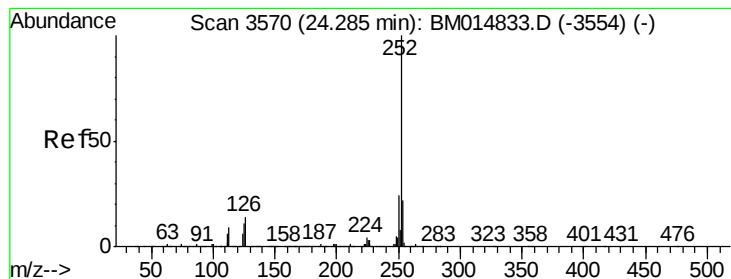
Ion Ratio Lower Upper

252 100

253 23.7 17.9 26.9

125 14.4 3.6 5.4#





#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 :

C0AD7

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#

