

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120817\
 Data File : BM013292.D
 Acq On : 09 Dec 2017 05:20
 Operator : SJ/JU
 Sample : I6758-14
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B15

Quant Time: Dec 11 00:49:31 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Fri Dec 08 23:45:50 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	189407	20.00	ng/ul	0.00
18) Naphthalene-d8	10.47	136	863071	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.33	164	536465	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.08	188	1325820	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1600490	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1540824	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.23	96	16598	4.34	ng/uL	0.00
5) Phenol-d5	6.87	99	391802	23.91	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.03	67	231759	24.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	320848	25.05	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	317778	22.70	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	174338	25.47	ng/ul	0.00
22) 2-Nitrophenol-d4	9.56	143	193494	26.41	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.09	165	353429	23.41	ng/ul	0.00
29) 4-Chloroaniline-d4	10.61	131	383212	27.62	ng/ul	0.00
43) Dimethylphthalate-d6	13.75	166	1209584	25.34	ng/ul	0.00
46) Acenaphthylene-d8	14.02	160	1485683	25.22	ng/ul	0.00
51) 4-Nitrophenol-d4	14.54	143	186028	22.43	ng/ul	0.00
57) Fluorene-d10	15.33	176	1026630	25.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	162295	19.46	ng/ul	0.00
70) Anthracene-d10	17.18	188	1627462	24.51	ng/ul	0.00
76) Pyrene-d10	19.48	212	1893053	23.74	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1837190	23.41	ng/ul	0.00

Target Compounds

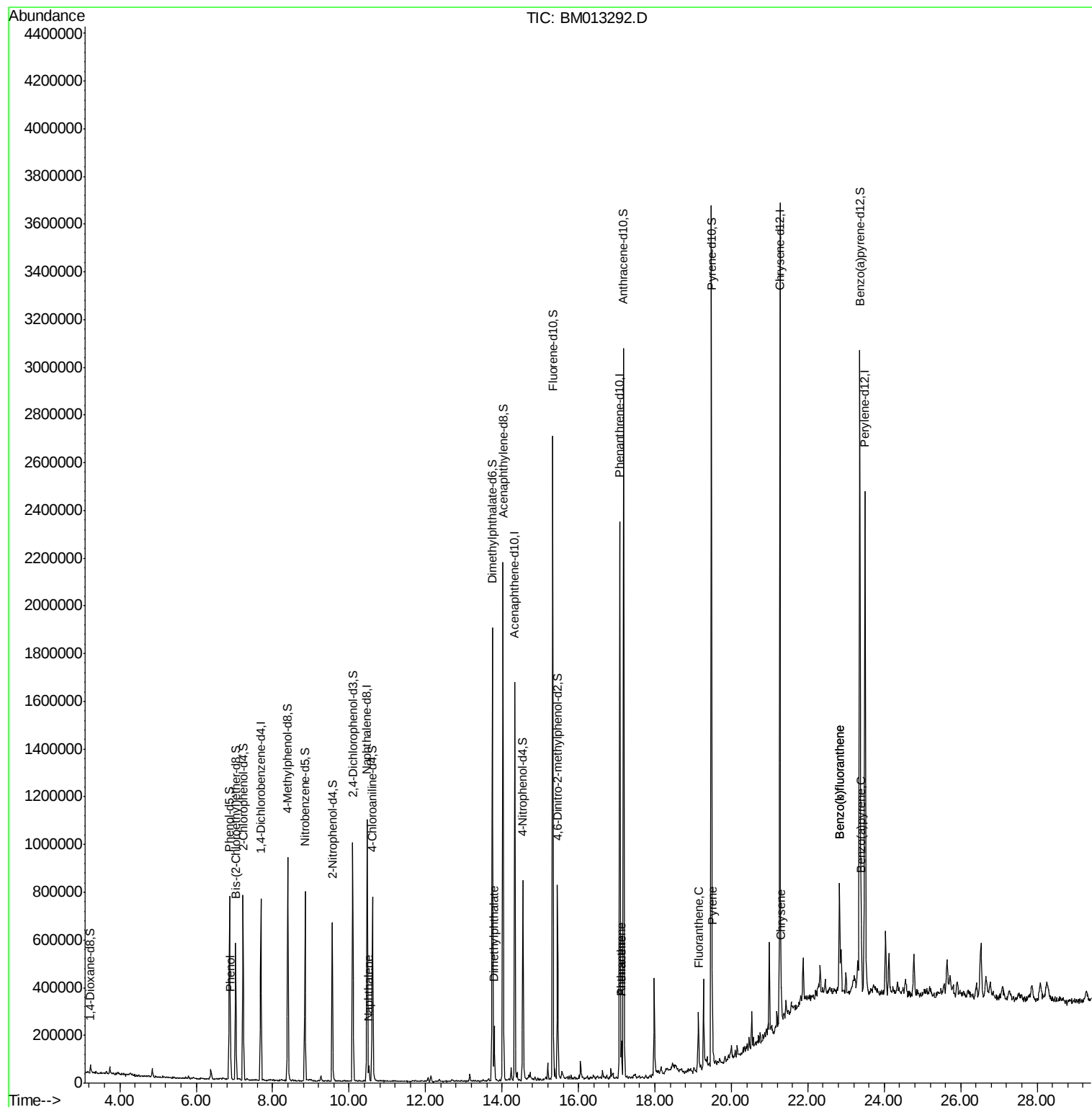
				Ovalue	
6) Phenol	6.90	94	60836	3.755	ng/ul# 81
28) Naphthalene	10.52	128	49478	1.114	ng/ul# 97
44) Dimethylphthalate	13.79	163	129454	2.835	ng/ul# 98
69) Phenanthrene	17.12	178	84985	1.128	ng/ul 99
71) Anthracene	17.12	178	84985	1.104	ng/ul 97
74) Fluoranthene	19.14	202	116793	1.265	ng/ul# 89
77) Pyrene	19.50	202	121007	1.244	ng/ul# 91
82) Chrysene	21.30	228	97129	1.031	ng/ul 97
85) Benzo(b)fluoranthene	22.83	252	193629	1.864	ng/ul# 96
86) Benzo(k)fluoranthene	22.83	252	193629	1.981	ng/ul# 94
88) Benzo(a)pyrene	23.40	252	106994	1.147	ng/ul# 94

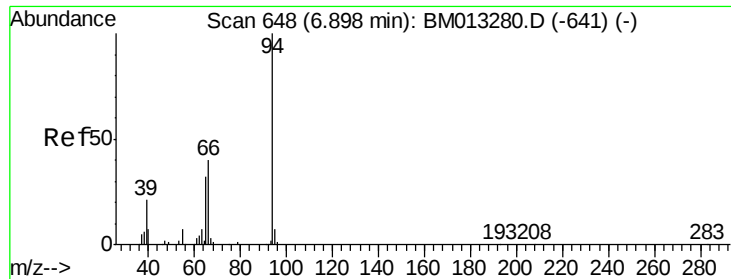
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 3.755 ng/ul

RT: 6.90 min Scan# 648

Delta R.T. 0.00 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

Instrument :

BNA_M

ClientSampleId :

F9B15

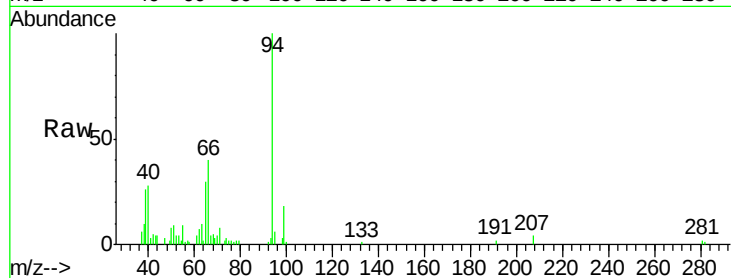
Tot Ion: 94 Resp: 60836

Ion Ratio Lower Upper

94 100

65 29.9 28.2 42.4

66 39.8 47.2 70.8#

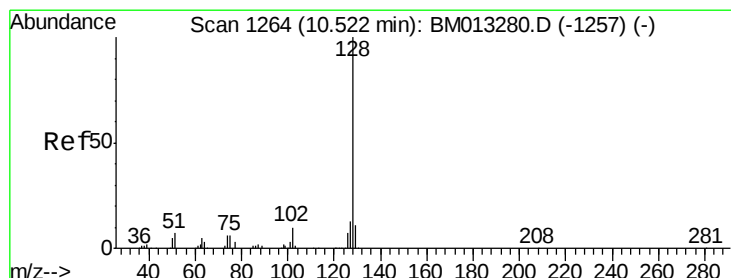
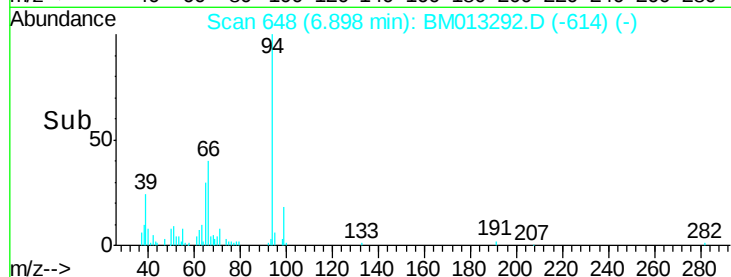


Abundance Ion 94.00 (93.70 to 94.70): BM013280.D (-641) (-)

Ion 65.00 (64.70 to 65.70): BM013280.D (-641) (-)

Ion 66.00 (65.70 to 66.70): BM013280.D (-641) (-)

Time-->



#28

Naphthalene

Concen: 1.114 ng/ul

RT: 10.52 min Scan# 1264

Delta R.T. 0.00 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

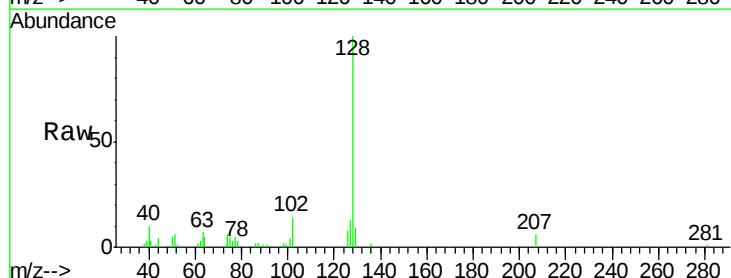
Tgt Ion: 128 Resp: 49478

Ion Ratio Lower Upper

128 100

129 8.8 8.8 13.2#

127 13.3 10.6 16.0

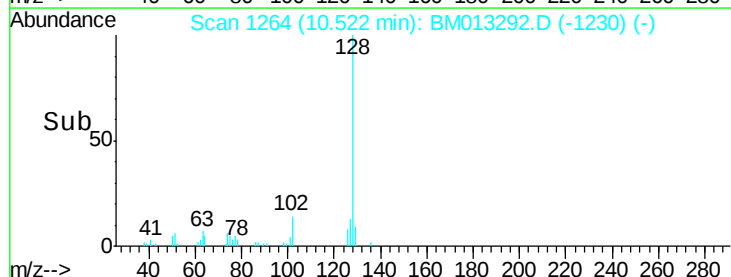


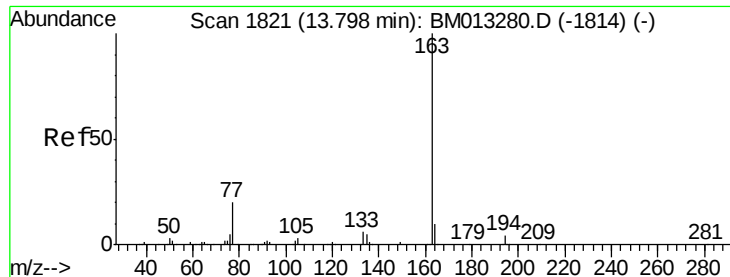
Abundance Ion 128.00 (127.70 to 128.70): BM013280.D (-1257) (-)

Ion 129.00 (128.70 to 129.70): BM013280.D (-1257) (-)

Ion 127.00 (126.70 to 127.70): BM013280.D (-1257) (-)

Time-->

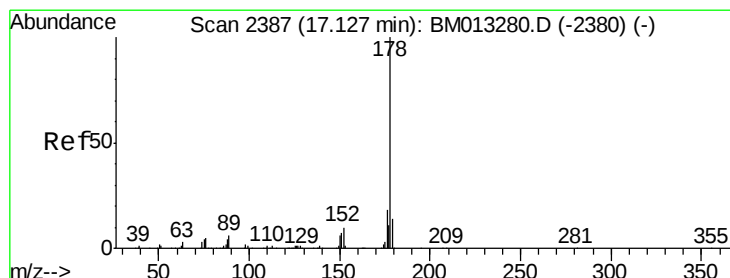
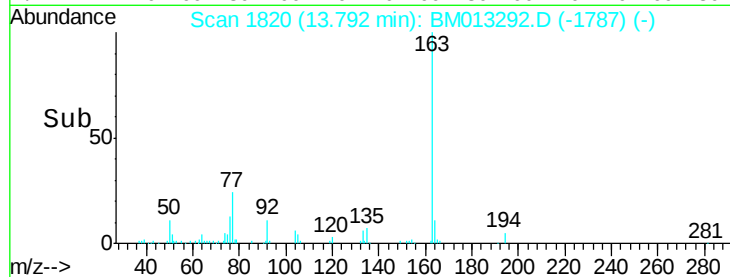
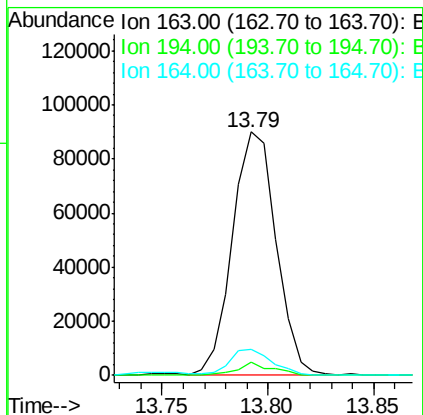
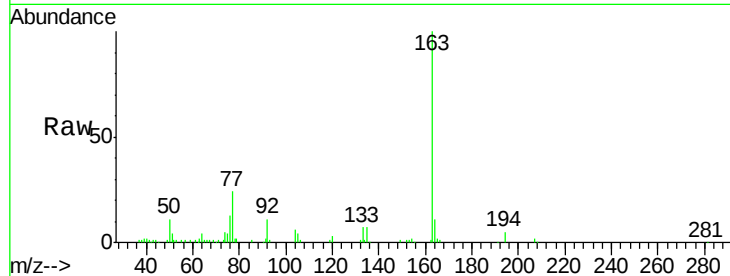




#44
Dimethylphthalate
Concen: 2.835 ng/ul
RT: 13.79 min Scan# 1820
Delta R.T. -0.01 min
Lab File: BM013292.D
Acq: 09 Dec 2017 05:20

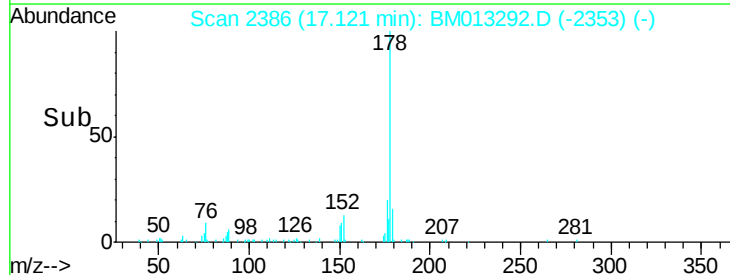
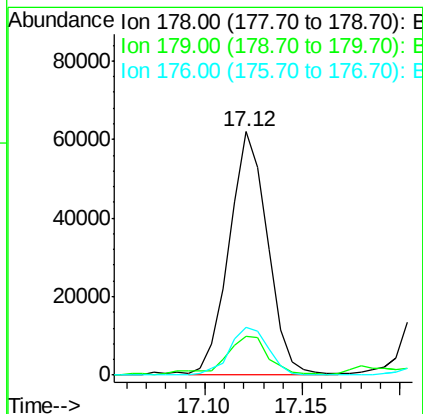
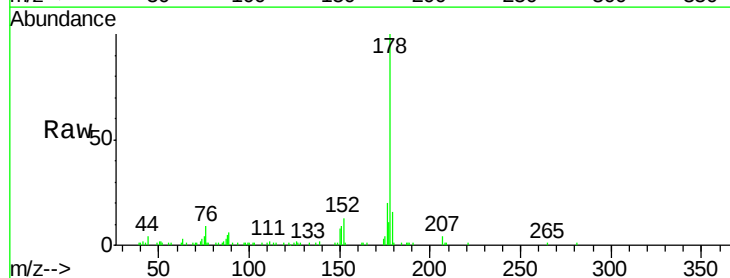
Instrument :
BNA_M
ClientSampleId :
F9B15

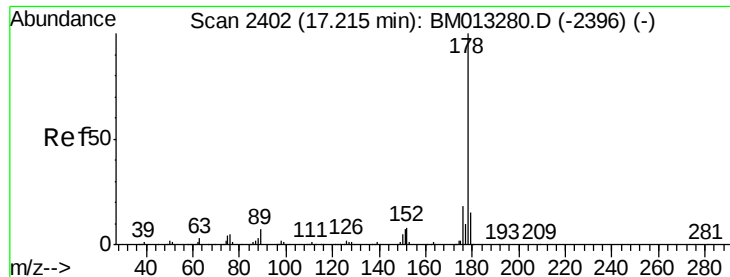
Tot Ion	Ratio	Lower	Upper
163	100		
194	5.3	3.5	5.3#
164	10.9	8.2	12.4



#69
Phenanthrene
Concen: 1.128 ng/ul
RT: 17.12 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM013292.D
Acq: 09 Dec 2017 05:20

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.1	12.6	19.0
176	19.6	14.9	22.3





#71

Anthracene

Concen: 1.104 ng/ul

RT: 17.12 min Scan# 2386

Delta R.T. -0.09 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

Instrument :

BNA_M

ClientSampleId :

F9B15

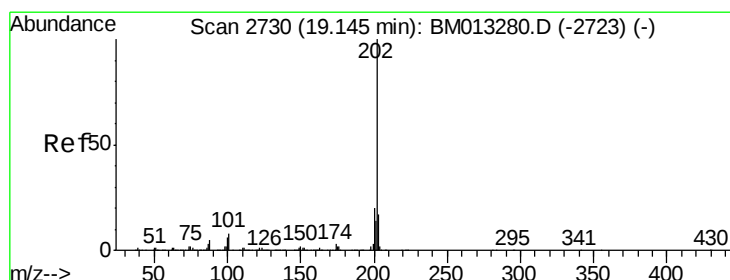
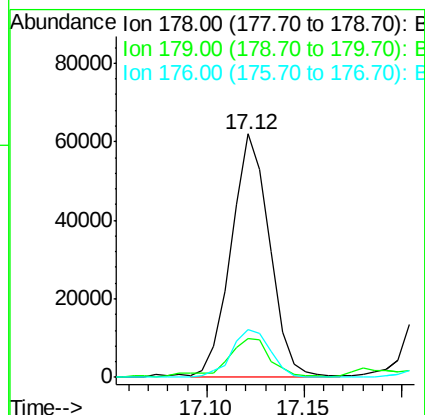
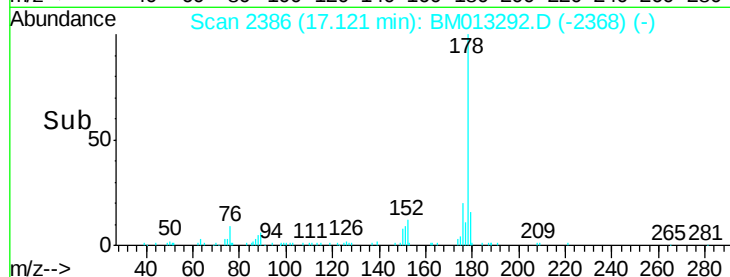
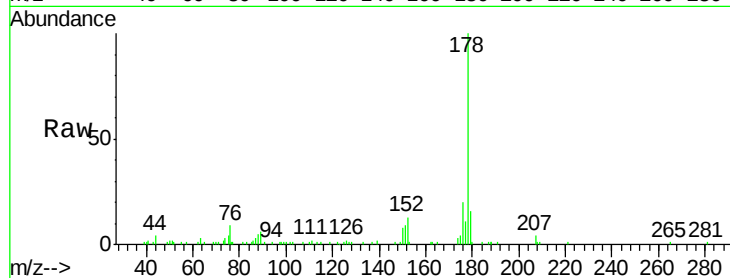
Tot Ion:178 Resp: 84985

Ion Ratio Lower Upper

178 100

179 16.1 11.7 17.5

176 19.6 14.6 21.8



#74

Fluoranthene

Concen: 1.265 ng/ul

RT: 19.14 min Scan# 2729

Delta R.T. -0.01 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

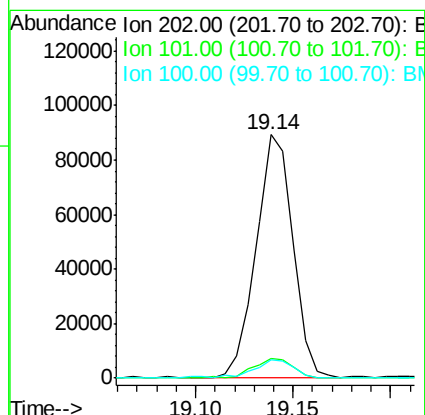
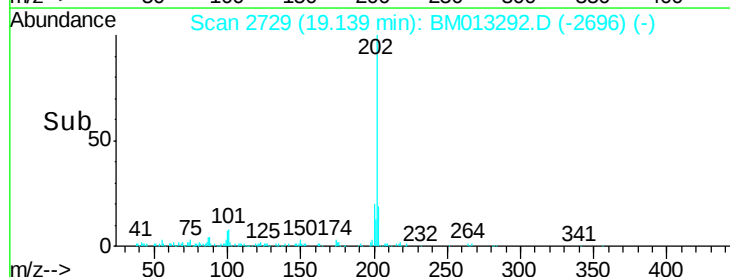
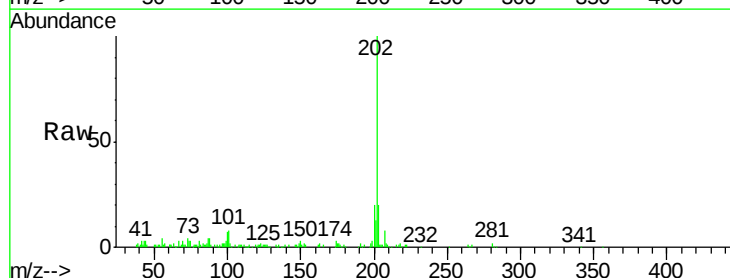
Tgt Ion:202 Resp: 116793

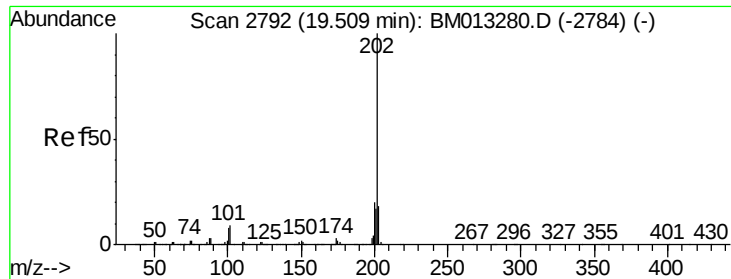
Ion Ratio Lower Upper

202 100

101 10.0 4.6 7.0#

100 7.4 3.4 5.2#





#77

Pvrene

Concen: 1.244 ng/ul

RT: 19.50 min Scan# 2791

Delta R.T. -0.01 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

Instrument :

BNA_M

ClientSampleId :

F9B15

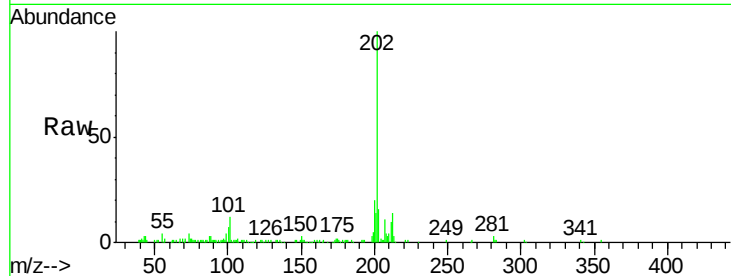
Tot Ion:202 Resp: 121007

Ion Ratio Lower Upper

202 100

101 11.6 5.1 7.7#

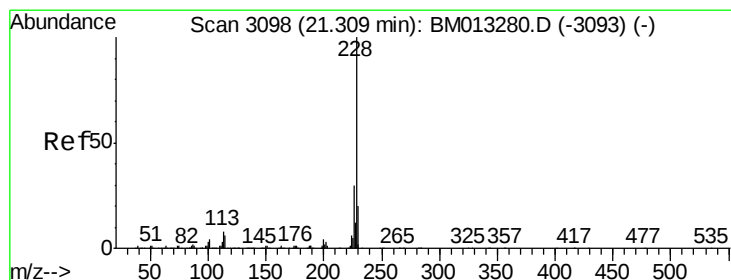
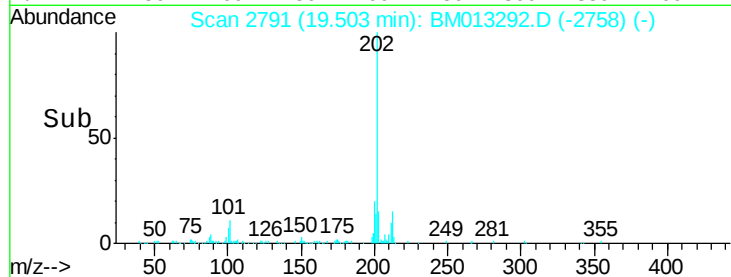
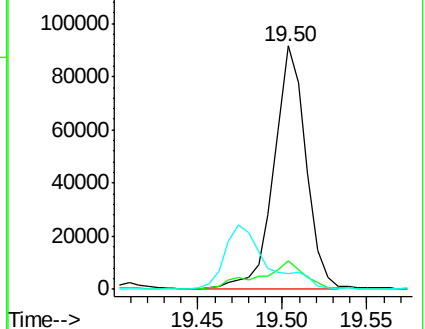
100 6.6 4.9 7.3



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



#82

Chrysene

Concen: 1.031 ng/ul

RT: 21.30 min Scan# 3097

Delta R.T. -0.01 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

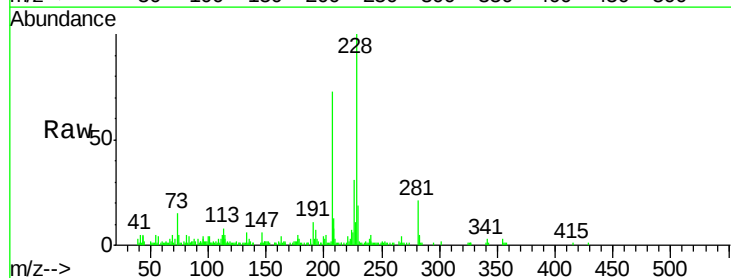
Tgt Ion:228 Resp: 97129

Ion Ratio Lower Upper

228 100

226 31.5 23.4 35.2

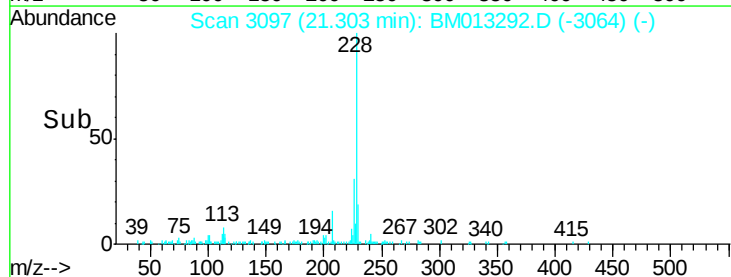
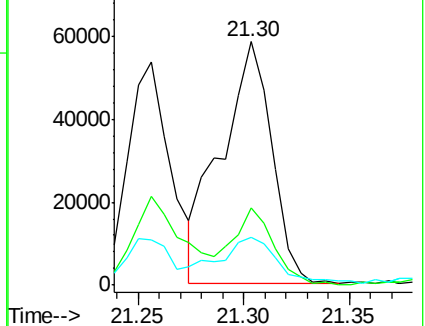
229 19.5 15.5 23.3

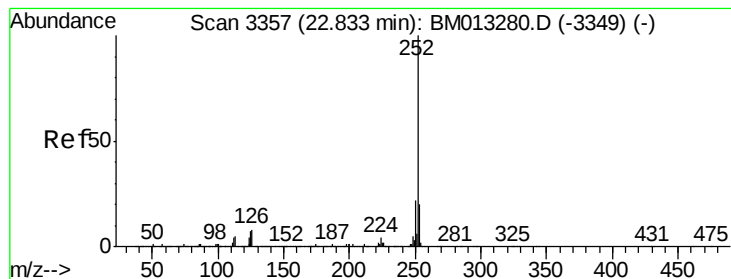


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#85

Benzo(b)fluoranthene

Concen: 1.864 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

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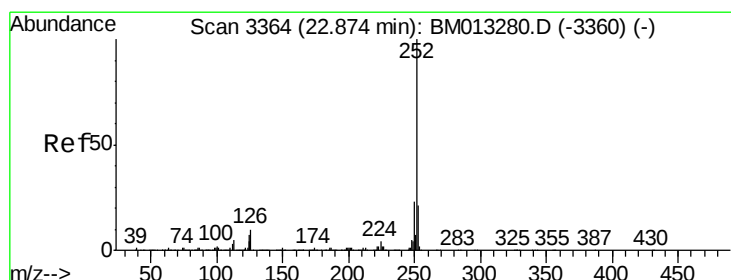
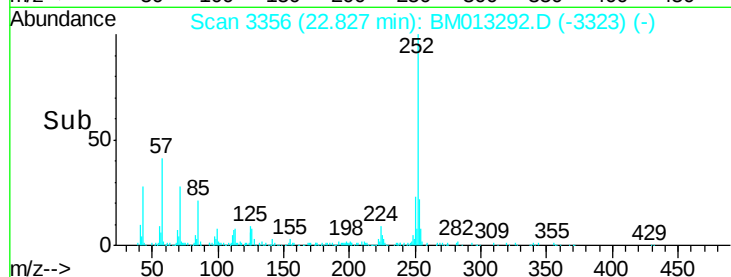
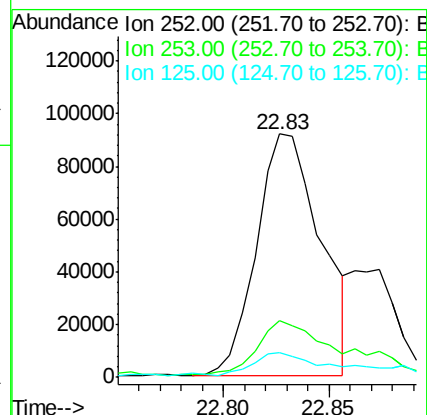
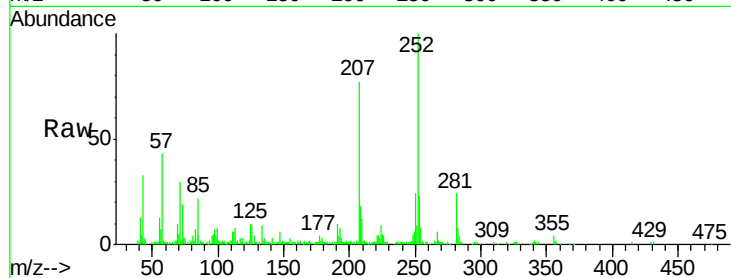
Tot Ion:252 Resp: 193629

Ion Ratio Lower Upper

252 100

253 23.1 17.9 26.9

125 10.1 3.6 5.4#



#86

Benzo(k)fluoranthene

Concen: 1.981 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

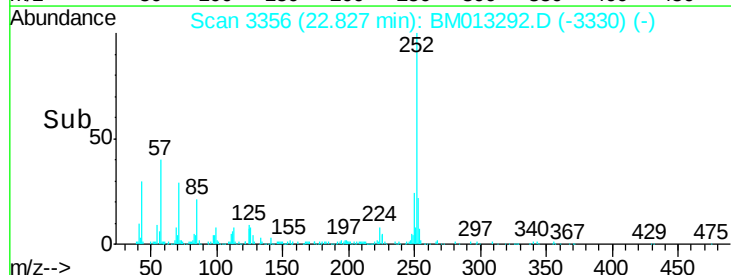
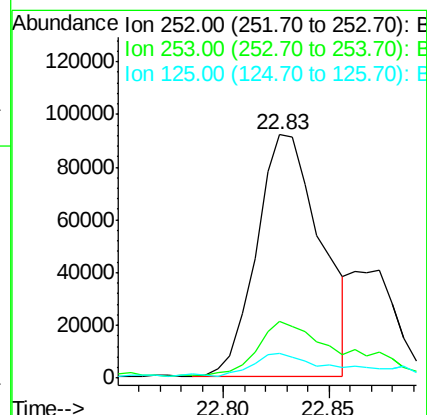
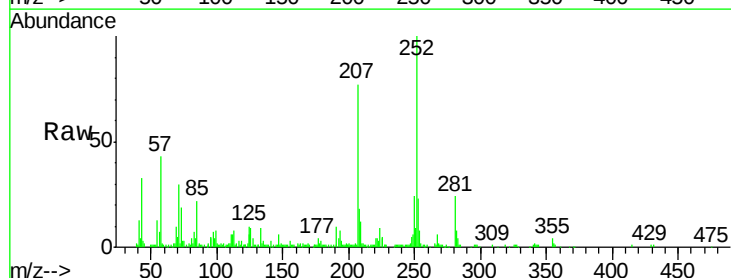
Tgt Ion:252 Resp: 193629

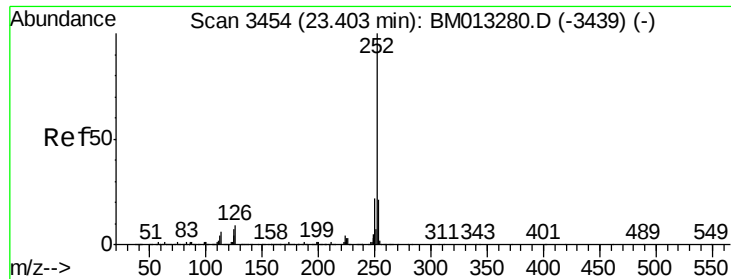
Ion Ratio Lower Upper

252 100

253 23.1 17.1 25.7

125 10.1 3.4 5.2#





#88

Benzo(a)pyrene

Concen: 1.147 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM013292.D

Acq: 09 Dec 2017 05:20

Instrument :

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ClientSampleId :

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Tot Ion:252 Resp: 106994

Ion Ratio Lower Upper

252 100

253 24.8 18.2 27.2

125 9.4 4.0 6.0#

