

Data Path : Z:\HPCHEM1\BNA M\DATA\BM120417\
 Data File : BM013173.D
 Acq On : 04 Dec 2017 18:59
 Operator : SJ/JU
 Sample : I6646-05
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0271

Quant Time: Dec 05 04:58:51 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM113017.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 05 04:53:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	285777	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	1242558	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	738954	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.09	188	1667615	20.00	ng/ul	0.00
75) Chrysene-d12	21.27	240	1722037	20.00	ng/ul	0.00
83) Perylene-d12	23.50	264	1346203	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	15228	2.64	ng/uL	0.00
5) Phenol-d5	6.88	99	351550	14.22	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	220360	15.63	ng/ul	0.00
9) 2-Chlorophenol-d4	7.24	132	291643	15.09	ng/ul	0.00
13) 4-Methylphenol-d8	8.41	113	304120	14.40	ng/ul	0.00
19) Nitrobenzene-d5	8.85	128	155704	15.80	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	160753	15.24	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	303578	13.97	ng/ul	0.00
29) 4-Chloroaniline-d4	10.62	131	357476	17.90	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	1013707	15.42	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	1240609	15.29	ng/ul	0.00
51) 4-Nitrophenol-d4	14.55	143	139674	12.23	ng/ul	0.00
57) Fluorene-d10	15.34	176	853391	15.09	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.46	200	122290	11.66	ng/ul	0.00
70) Anthracene-d10	17.19	188	1329895	15.92	ng/ul	0.00
76) Pyrene-d10	19.48	212	1454967	16.96	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.36	264	1074601	15.67	ng/ul	0.00

Target Compounds

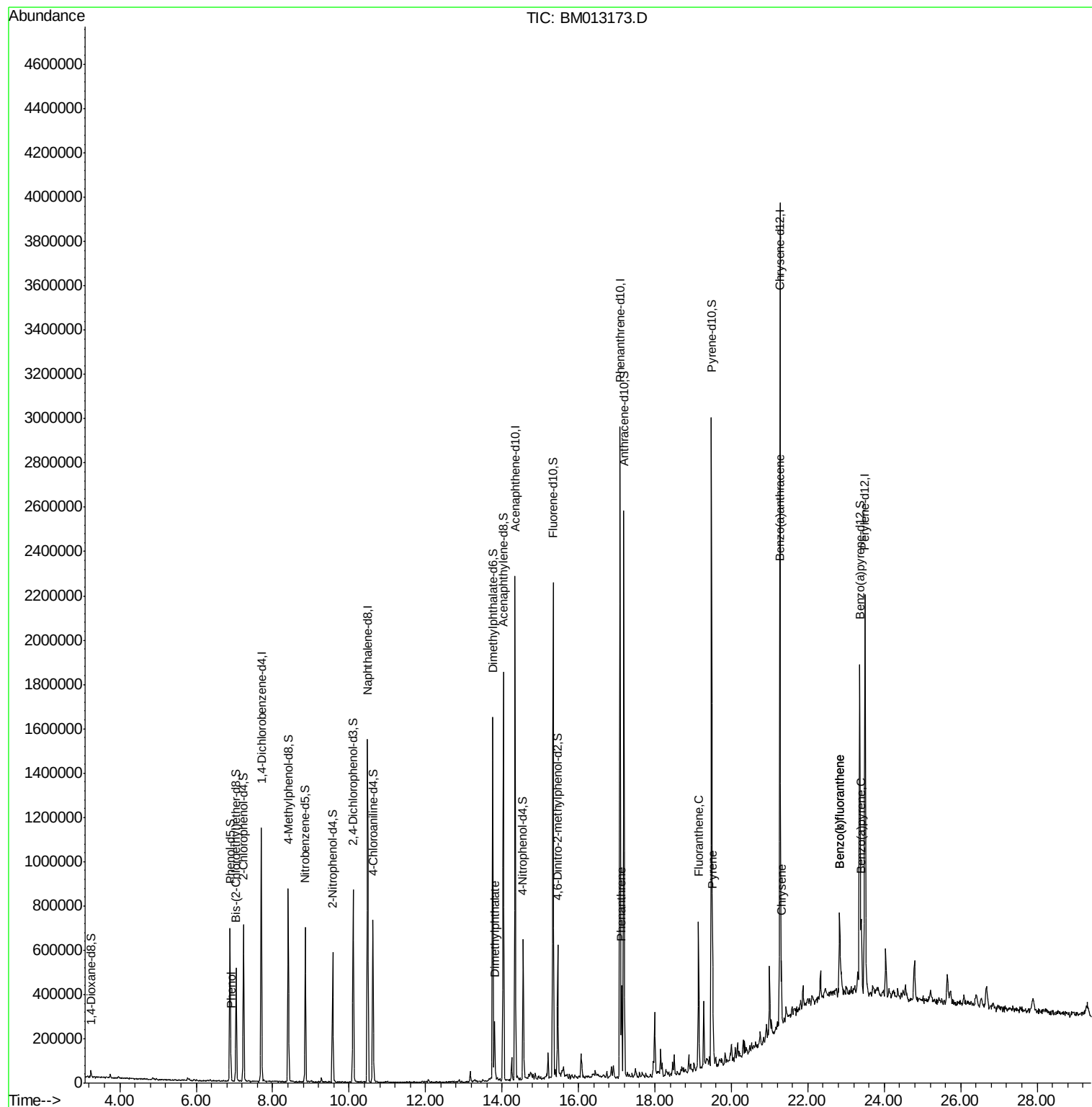
						Ovalue
6) Phenol	6.91	94	38464	1.57	ng/ul#	84
44) Dimethylphthalate	13.80	163	147302	2.34	ng/ul	97
69) Phenanthrene	17.13	178	240064	2.53	ng/ul	98
74) Fluoranthene	19.14	202	365213	3.15	ng/ul#	92
77) Pyrene	19.51	202	333464	3.19	ng/ul#	94
80) Benzo(a)anthracene	21.26	228	119031	1.09	ng/ul	96
82) Chrysene	21.31	228	162344	1.60	ng/ul	97
85) Benzo(b)fluoranthene	22.83	252	158078	1.74	ng/ul#	94
86) Benzo(k)fluoranthene	22.83	252	158078	1.85	ng/ul#	92
88) Benzo(a)pyrene	23.40	252	86086	1.06	ng/ul#	85

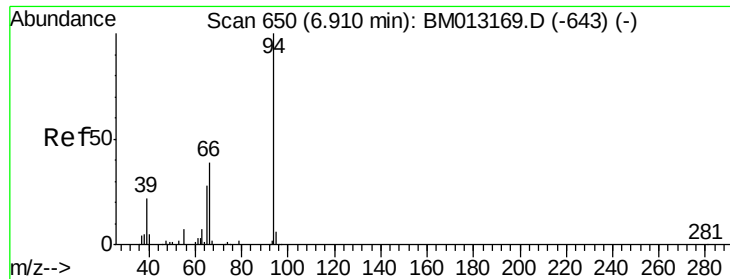
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.57 ng/ul

RT: 6.91 min Scan# 650

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Instrument :

BNA_M

ClientSampleId :

C0271

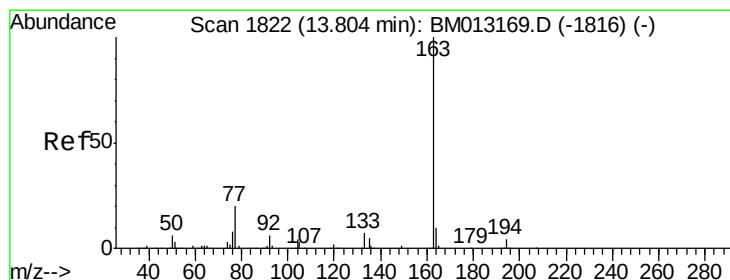
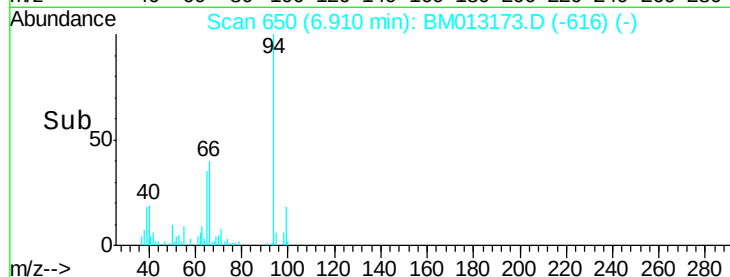
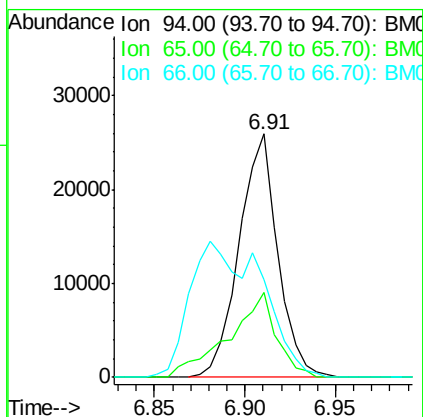
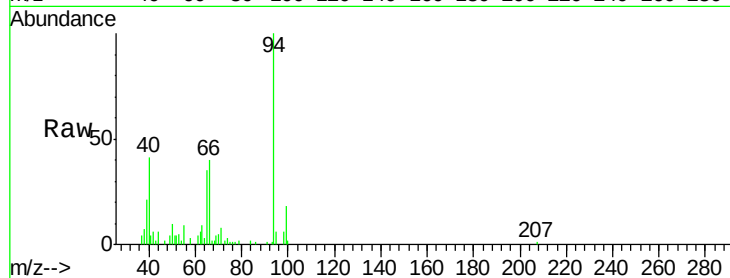
Tot Ion: 94 Resp: 38464

Ion Ratio Lower Upper

94 100

65 34.9 28.2 42.4

66 39.9 47.2 70.8#



#44

Dimethylphthalate

Concen: 2.34 ng/ul

RT: 13.80 min Scan# 1822

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

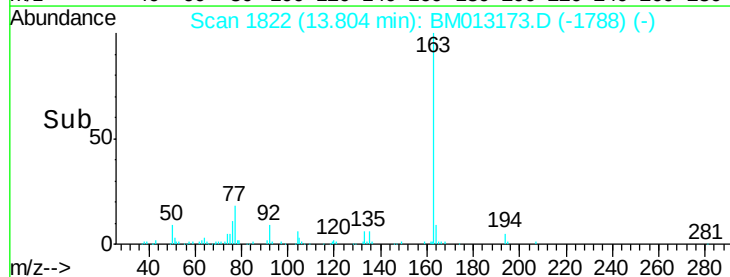
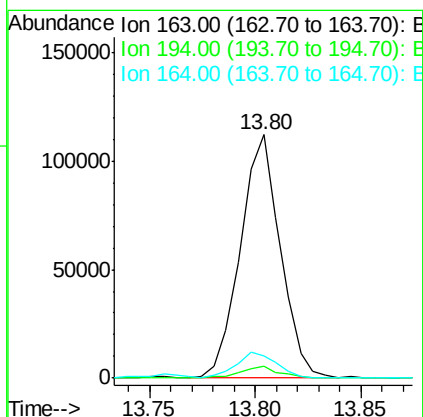
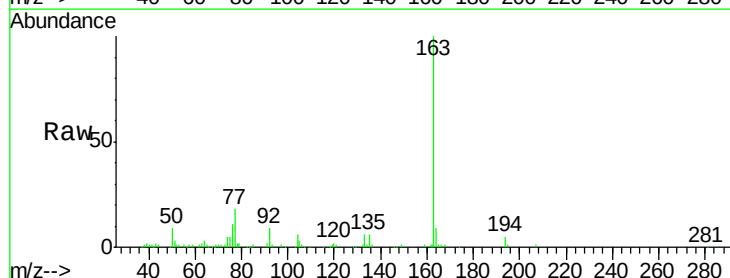
Tgt Ion: 163 Resp: 147302

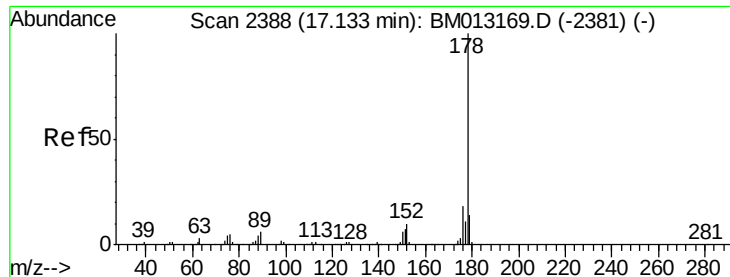
Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

164 9.1 8.2 12.4





#69

Phenanthrene

Concen: 2.53 ng/ul

RT: 17.13 min Scan# 2387

Delta R.T. -0.01 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Instrument :

BNA_M

ClientSampleId :

C0271

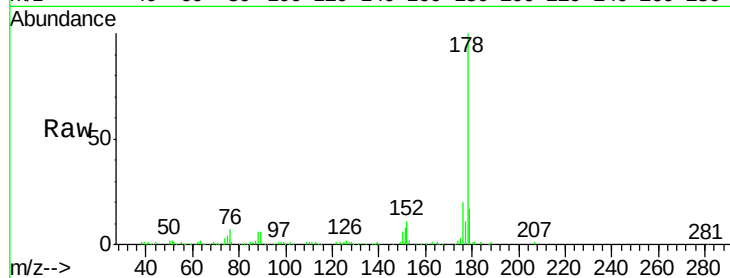
Tot Ion:178 Resp: 240064

Ion Ratio Lower Upper

178 100

179 16.7 12.6 19.0

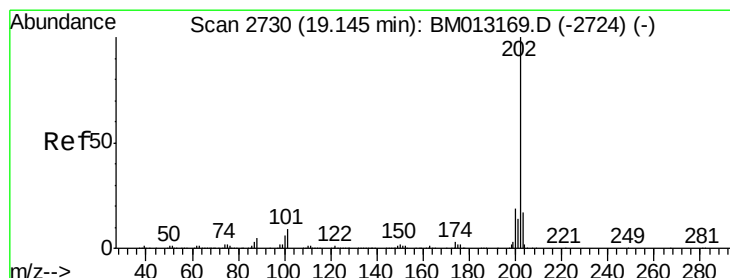
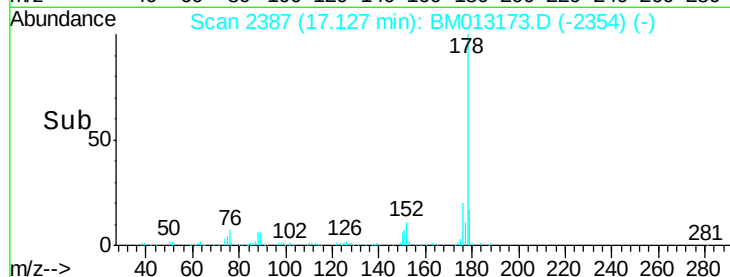
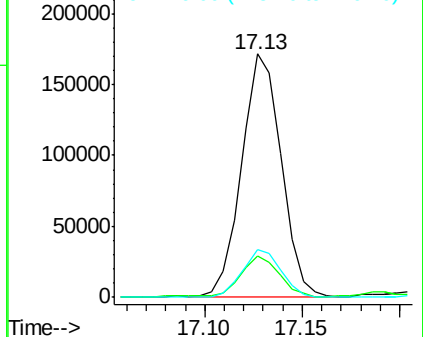
176 19.8 14.9 22.3



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: 3.15 ng/ul

RT: 19.14 min Scan# 2730

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

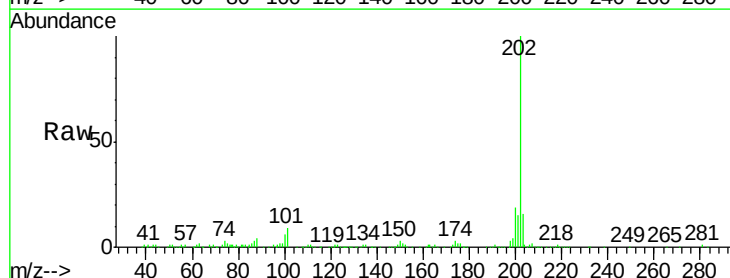
Tgt Ion:202 Resp: 365213

Ion Ratio Lower Upper

202 100

101 9.2 4.6 7.0#

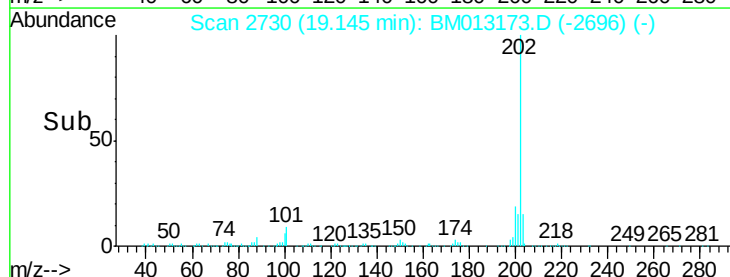
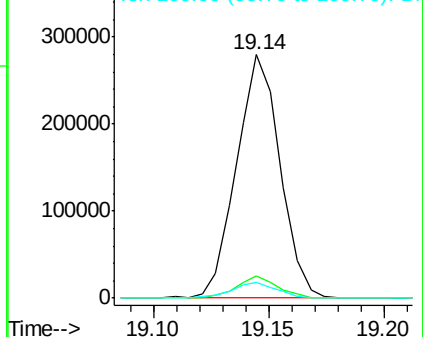
100 6.3 3.4 5.2#

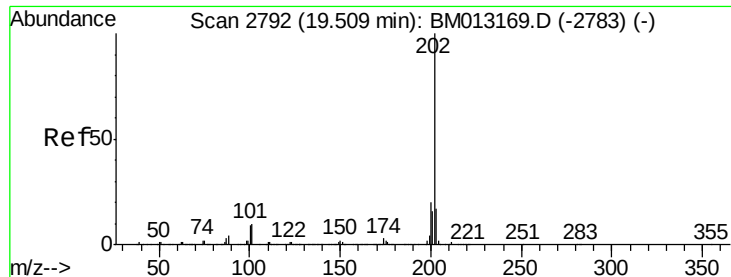


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 3.19 ng/ul

RT: 19.51 min Scan# 2792

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Instrument :

BNA_M

ClientSampleId :

C0271

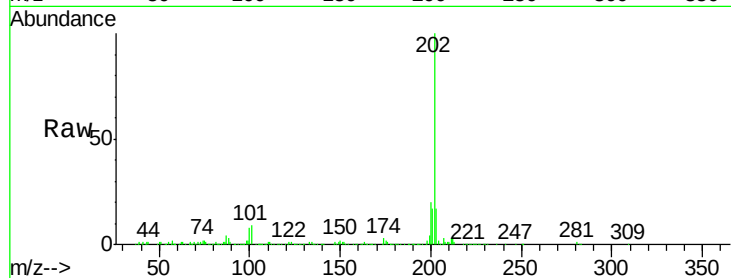
Tot Ion:202 Resp: 333464

Ion Ratio Lower Upper

202 100

101 8.8 5.1 7.7#

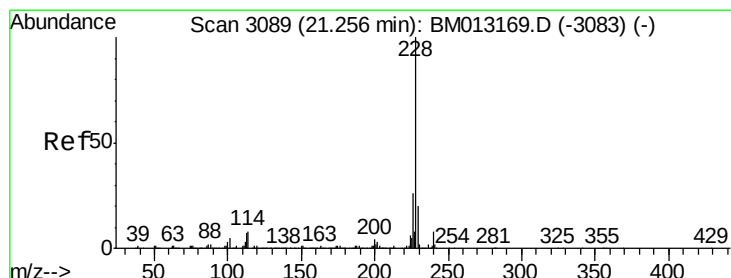
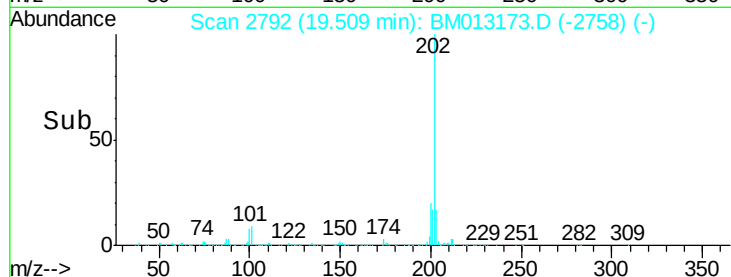
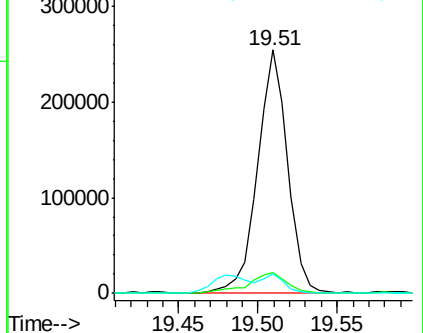
100 7.9 4.9 7.3#



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



#80

Benzo(a)anthracene

Concen: 1.09 ng/ul

RT: 21.26 min Scan# 3089

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

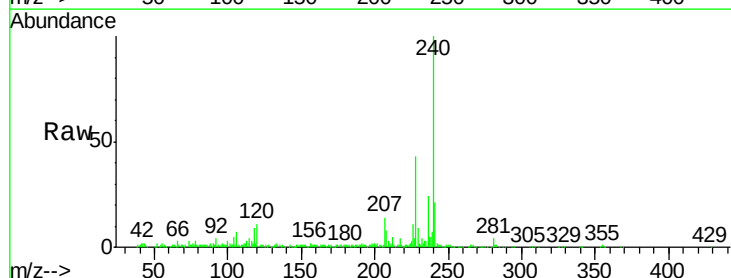
Tgt Ion:228 Resp: 119031

Ion Ratio Lower Upper

228 100

229 20.9 15.4 23.0

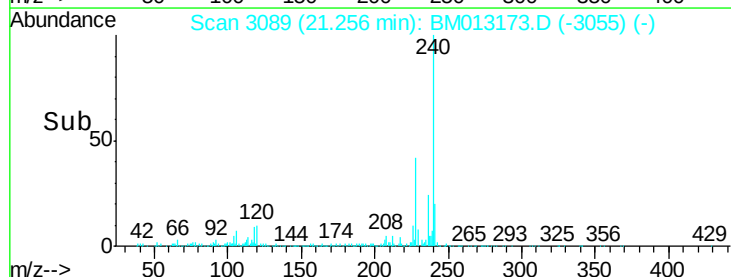
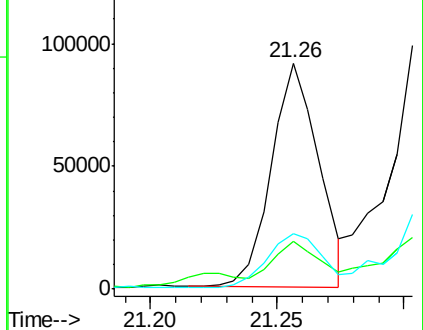
226 24.7 21.4 32.0

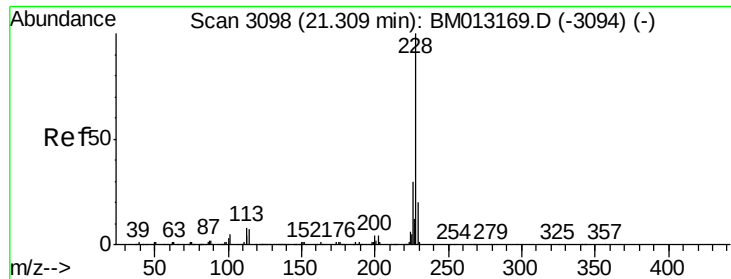


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 1.60 ng/ul

RT: 21.31 min Scan# 3098

Delta R.T. -0.00 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Instrument :

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ClientSampleId :

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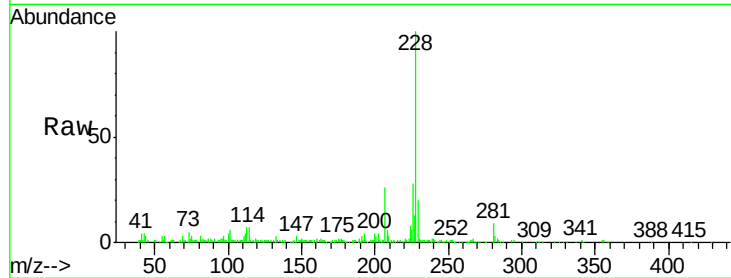
Tot Ion:228 Resp: 162344

Ion Ratio Lower Upper

228 100

226 27.6 23.4 35.2

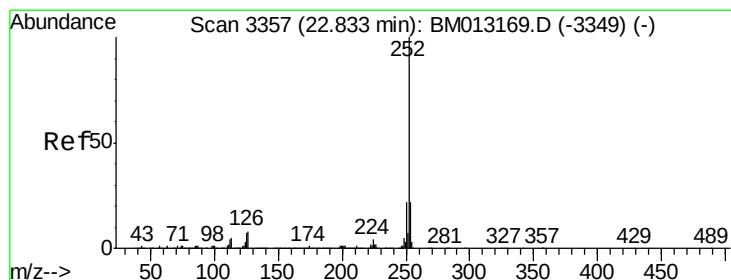
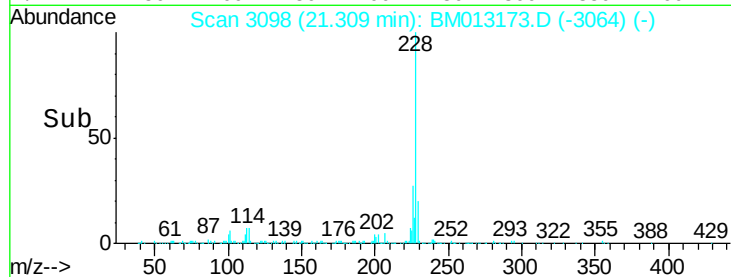
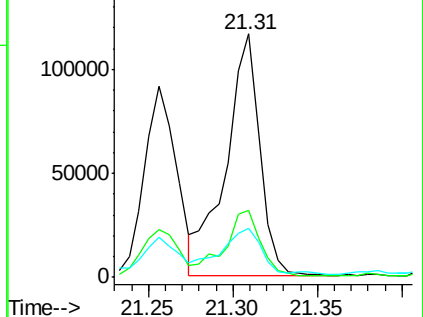
229 20.2 15.5 23.3



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: 1.74 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.01 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

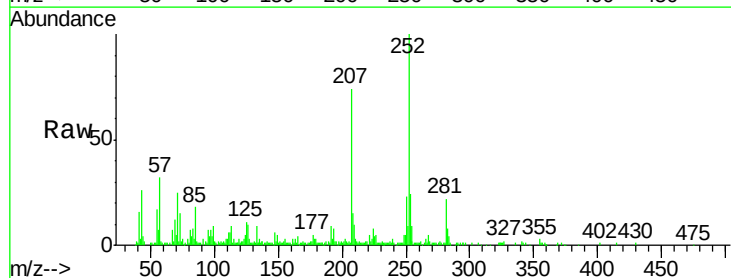
Tgt Ion:252 Resp: 158078

Ion Ratio Lower Upper

252 100

253 24.2 17.9 26.9

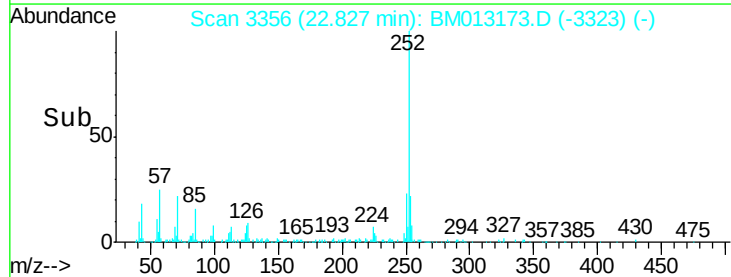
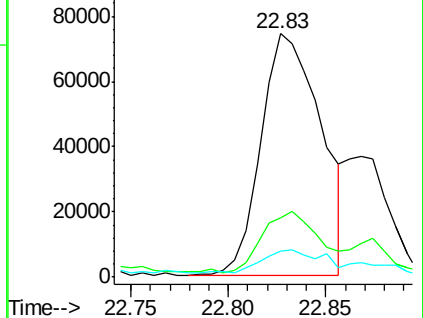
125 10.9 3.6 5.4#

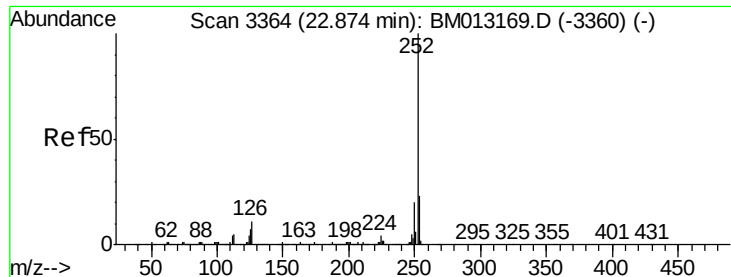


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#86

Benzo(k)fluoranthene

Concen: 1.85 ng/ul

RT: 22.83 min Scan# 3356

Delta R.T. -0.05 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Instrument :

BNA_M

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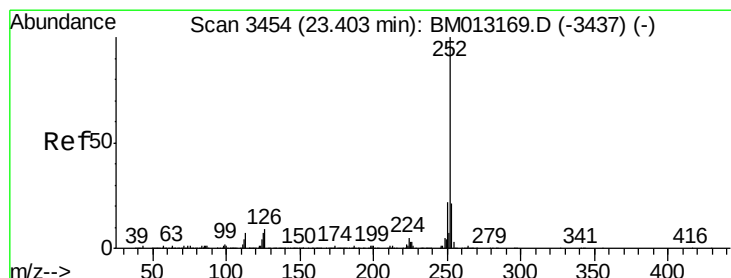
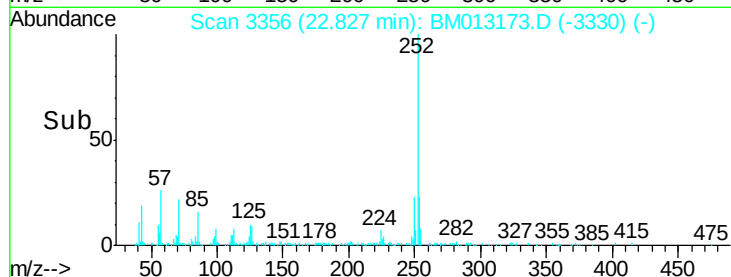
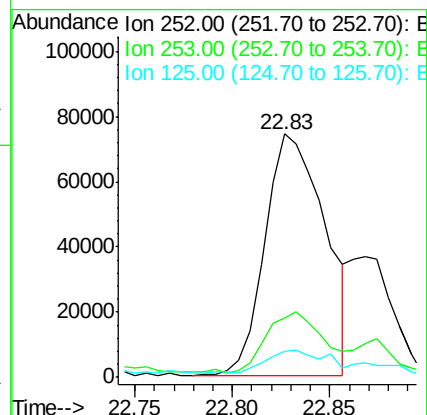
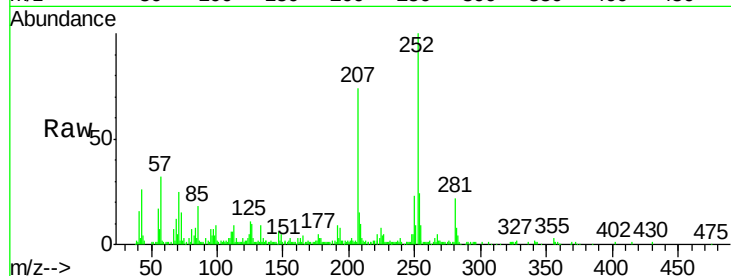
Tot Ion:252 Resp: 158078

Ion Ratio Lower Upper

252 100

253 24.2 17.1 25.7

125 10.9 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 1.06 ng/ul

RT: 23.40 min Scan# 3453

Delta R.T. -0.01 min

Lab File: BM013173.D

Acq: 04 Dec 2017 18:59

Tgt Ion:252 Resp: 86086

Ion Ratio Lower Upper

252 100

253 29.6 18.2 27.2#

125 10.6 4.0 6.0#

