

Data File : BM018037.D
Acq On : 10 Dec 2018 22:55
Operator : JU/SJ
Sample : J6077-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
F9Y00

Quant Time: Dec 11 06:46:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM111918MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Dec 11 06:43:59 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.55	152	186649	20.00	ng/ul	0.00
18) Naphthalene-d8	10.32	136	796691	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.20	164	458912	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.96	188	1022193	20.00	ng/ul	0.00
77) Chrysene-d12	21.17	240	1078689	20.00	ng/ul	0.00
85) Perylene-d12	23.34	264	923420	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.16	96	20836	5.11	ng/uL	0.00
5) Phenol-d5	6.74	99	419175	24.59	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.90	67	252827	24.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.09	132	385670	28.91	ng/ul	0.00
13) 4-Methylphenol-d8	8.26	113	323524	23.23	ng/ul	0.00
19) Nitrobenzene-d5	8.70	128	180546	29.50	ng/ul	0.00
22) 2-Nitrophenol-d4	9.42	143	205438	29.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.95	165	332276	24.89	ng/ul	0.00
29) 4-Chloroaniline-d4	10.47	131	384994	33.61	ng/ul	0.00
43) Dimethylphthalate-d6	13.62	166	1164759	29.25	ng/ul	0.00
46) Acenaphthylene-d8	13.89	160	1447433	30.04	ng/ul	0.00
51) 4-Nitrophenol-d4	14.44	143	140785	19.45	ng/ul	0.01
57) Fluorene-d10	15.20	176	1037508	30.17	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.34	200	178269	24.40	ng/ul	0.00
70) Anthracene-d10	17.06	188	1567116	30.79	ng/ul	0.00
78) Pyrene-d10	19.36	212	1798994	34.47	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.20	264	1582204	31.59	ng/ul	0.00

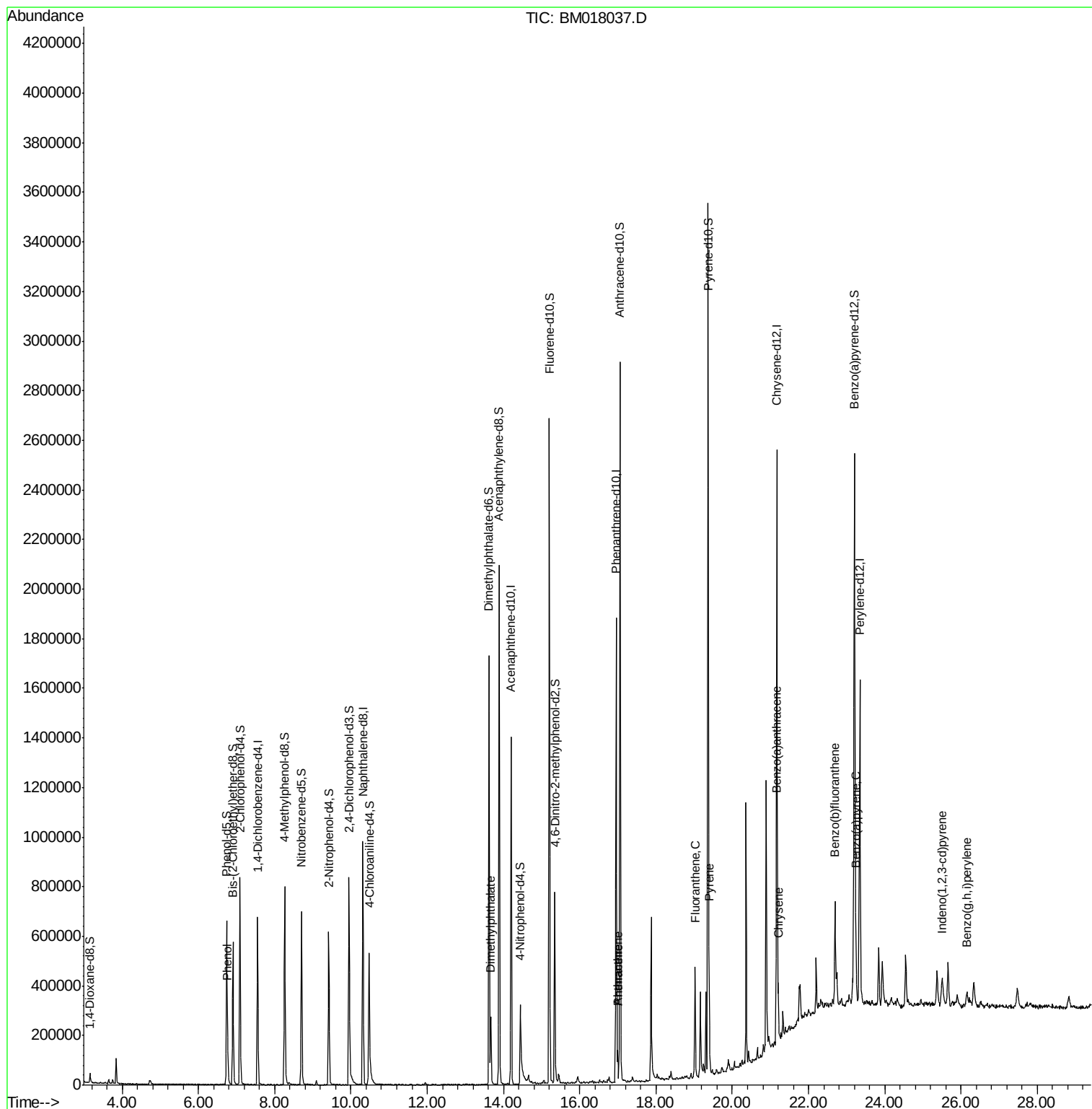
Target Compounds				Qvalue		
6) Phenol	6.77	94	80861	4.752	ng/ul	97
44) Dimethylphthalate	13.67	163	177015	4.589	ng/ul	99
69) Phenanthrene	17.00	178	74587	1.276	ng/ul	98
71) Anthracene	17.00	178	74587	1.248	ng/ul	98
76) Fluoranthene	19.03	202	264125	3.841	ng/ul	99
79) Pyrene	19.39	202	227340	3.472	ng/ul	99
82) Benzo(a)anthracene	21.15	228	82468	1.233	ng/ul	97
84) Chrysene	21.21	228	129307	2.067	ng/ul	98
87) Benzo(b)fluoranthene	22.70	252	162191	2.826	ng/ul#	95
90) Benzo(a)pyrene	23.24	252	76629	1.408	ng/ul	99
91) Indeno(1,2,3-cd)pyrene	25.50	276	64613	1.120	ng/ul	96
93) Benzo(g,h,i)perylene	26.16	276	55319	1.187	ng/ul	93

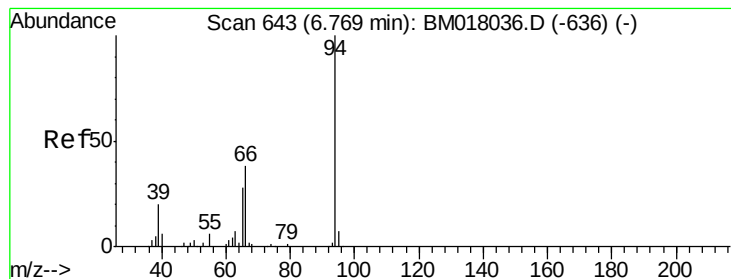
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 4.752 ng/ul

RT: 6.77 min Scan# 643

Delta R.T. 0.00 min

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Acq: 10 Dec 2018 22:55

Instrument :

BNA_M

ClientSampleId :

F9Y00

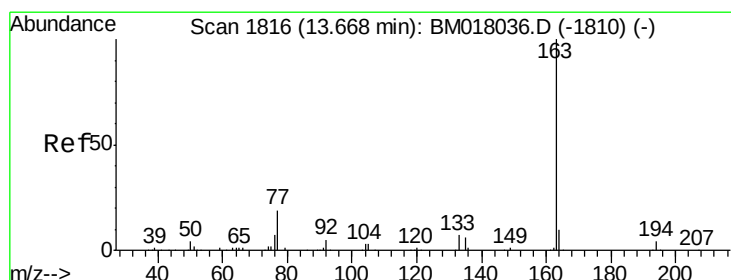
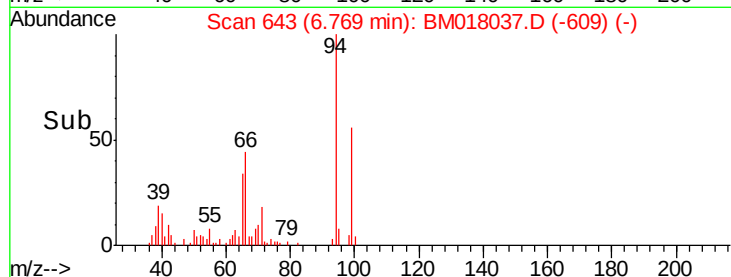
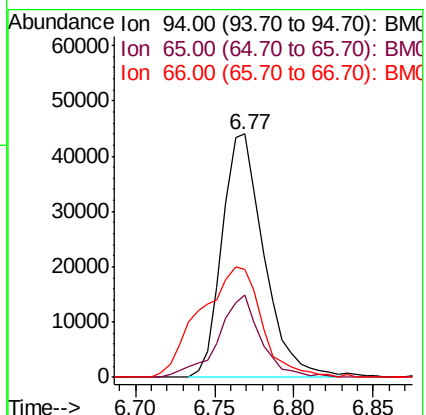
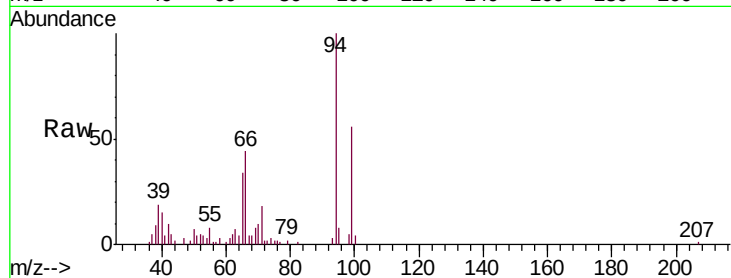
Tgt Ion: 94 Resp: 80861

Ion Ratio Lower Upper

94 100

65 33.7 24.7 37.1

66 44.3 34.6 51.8



#44

Dimethylphthalate

Concen: 4.589 ng/ul

RT: 13.67 min Scan# 1816

Delta R.T. 0.00 min

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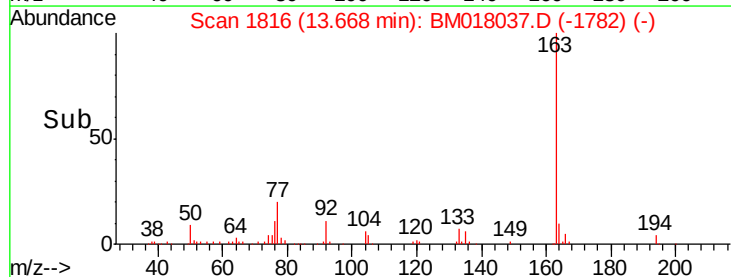
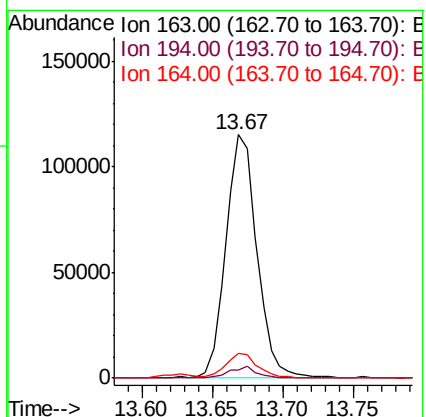
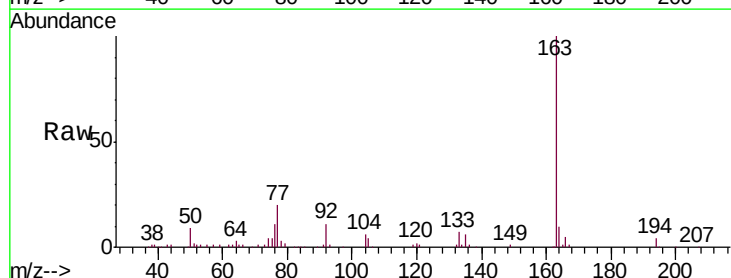
Tgt Ion: 163 Resp: 177015

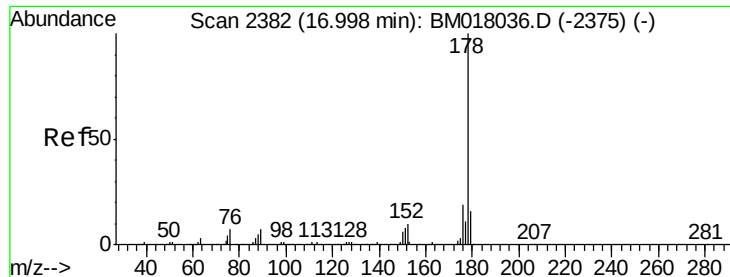
Ion Ratio Lower Upper

163 100

194 3.5 3.4 5.0

164 10.4 8.1 12.1





#69

Phenanthrene

Concen: 1.276 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. 0.00 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

Instrument :

BNA_M

ClientSampleId :

F9Y00

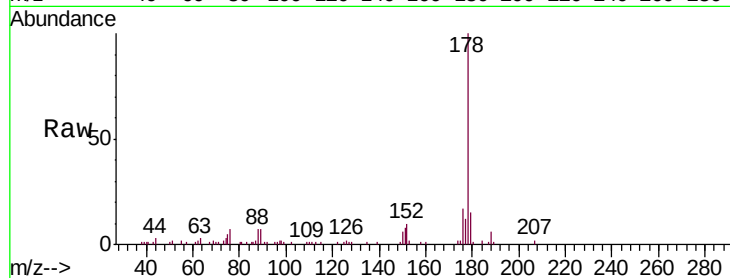
Tgt Ion:178 Resp: 74587

Ion Ratio Lower Upper

178 100

179 15.1 11.8 17.8

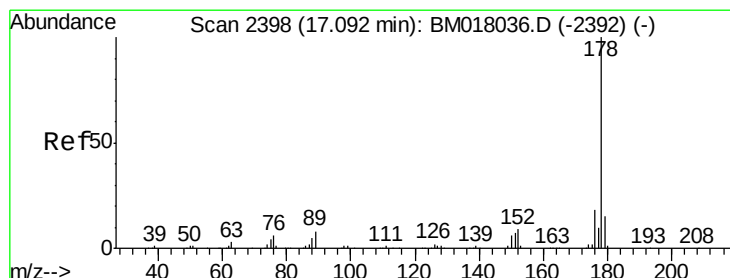
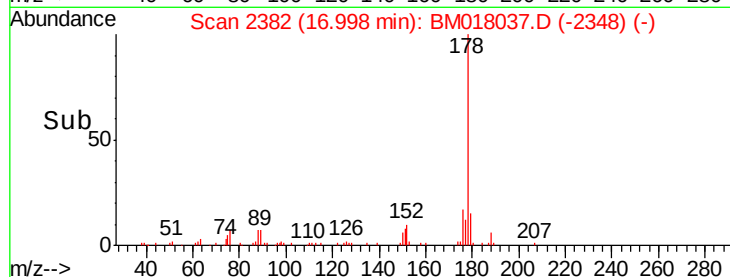
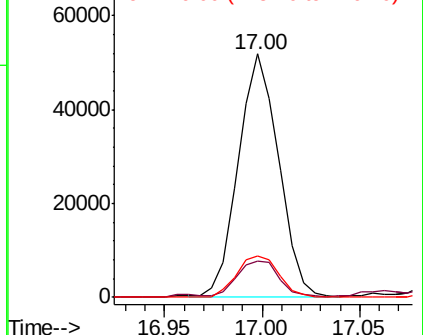
176 17.2 15.0 22.6



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



#71

Anthracene

Concen: 1.248 ng/ul

RT: 17.00 min Scan# 2382

Delta R.T. -0.09 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

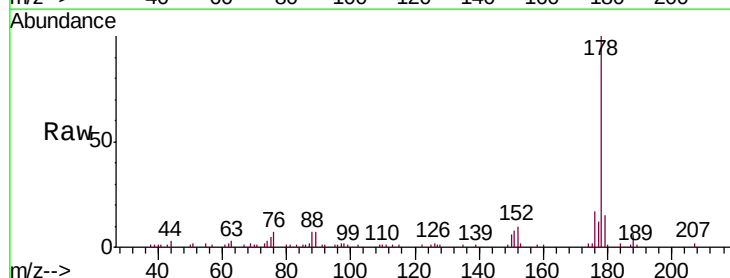
Tgt Ion:178 Resp: 74587

Ion Ratio Lower Upper

178 100

179 15.1 12.4 18.6

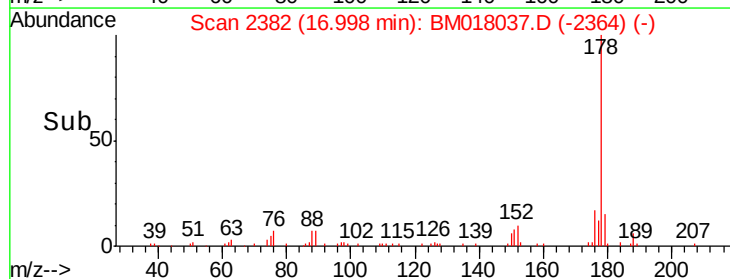
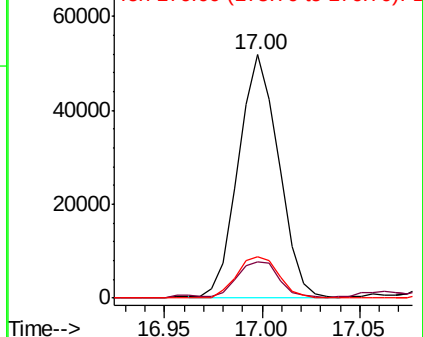
176 17.2 14.8 22.2

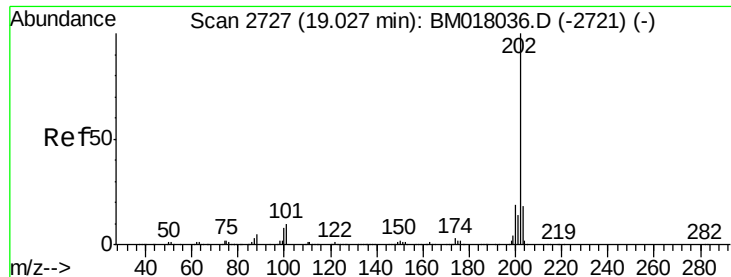


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#76

Fluoranthene

Concen: 3.841 ng/ul

RT: 19.03 min Scan# 2727

Delta R.T. 0.00 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

Instrument :

BNA_M

ClientSampleId :

F9Y00

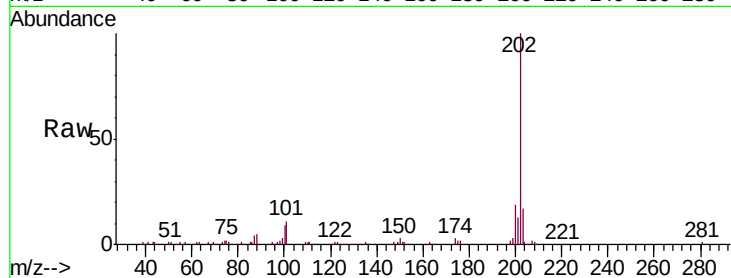
Tgt Ion:202 Resp: 264125

Ion Ratio Lower Upper

202 100

101 10.5 8.4 12.6

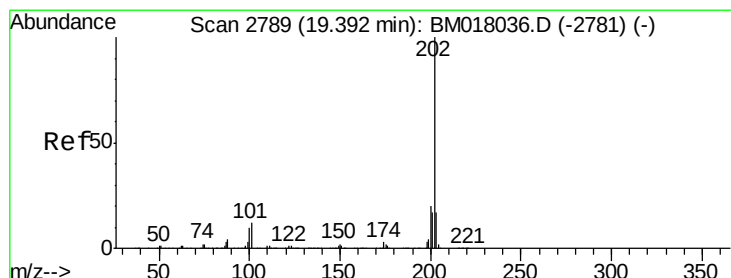
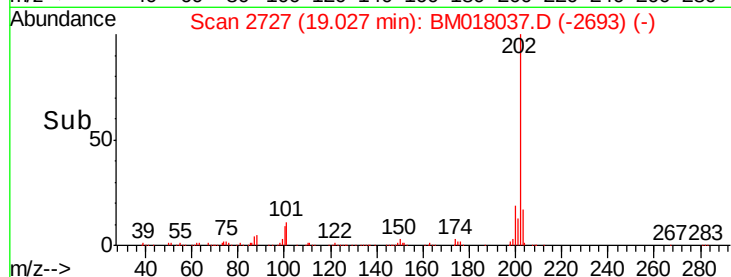
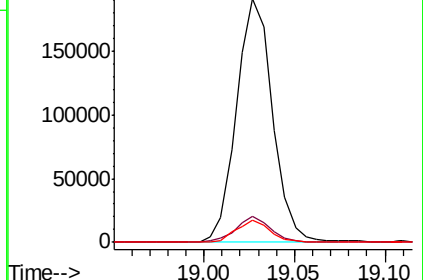
100 9.3 6.6 9.8



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



#79

Pyrene

Concen: 3.472 ng/ul

RT: 19.39 min Scan# 2789

Delta R.T. 0.00 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

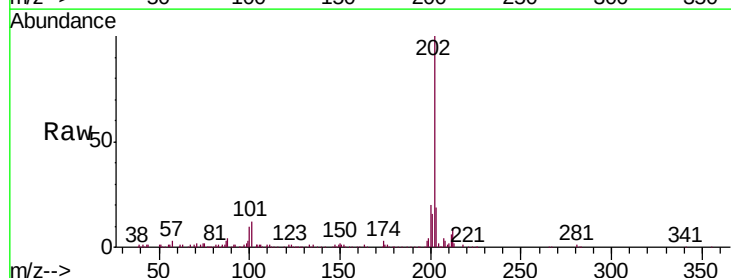
Tgt Ion:202 Resp: 227340

Ion Ratio Lower Upper

202 100

101 12.5 9.6 14.4

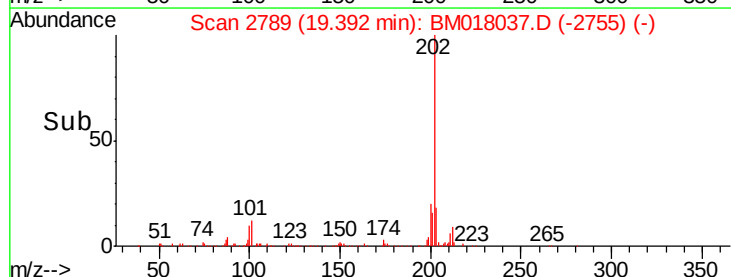
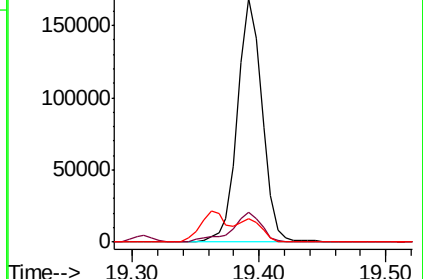
100 9.9 7.9 11.9

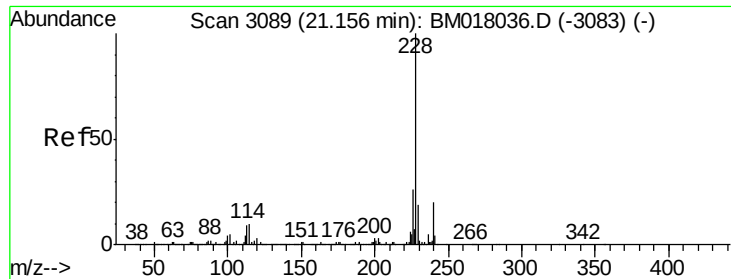


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 1.233 ng/ul

RT: 21.15 min Scan# 3088

Delta R.T. -0.01 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

Instrument :

BNA_M

ClientSampleId :

F9Y00

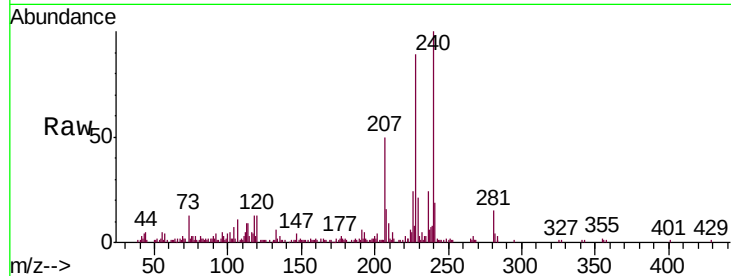
Tgt Ion:228 Resp: 82468

Ion Ratio Lower Upper

228 100

229 23.4 16.0 24.0

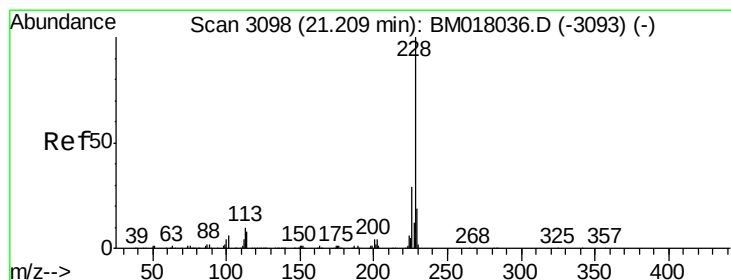
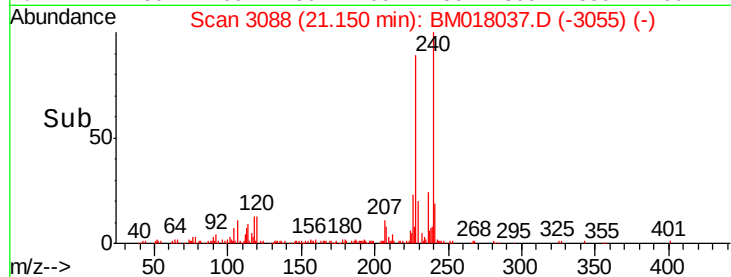
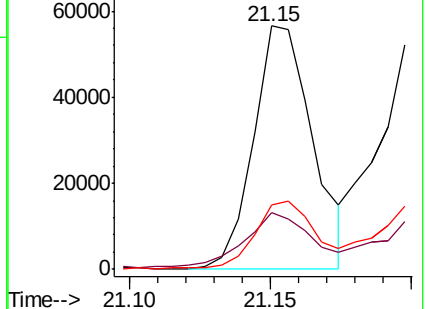
226 26.4 21.0 31.6



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



#84

Chrysene

Concen: 2.067 ng/ul

RT: 21.21 min Scan# 3098

Delta R.T. 0.00 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

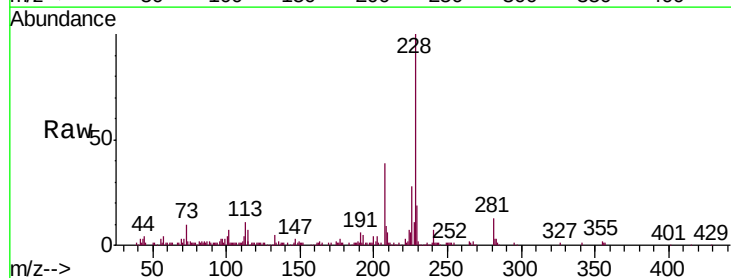
Tgt Ion:228 Resp: 129307

Ion Ratio Lower Upper

228 100

226 28.3 23.7 35.5

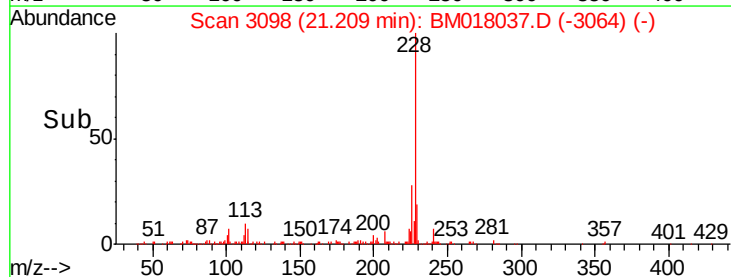
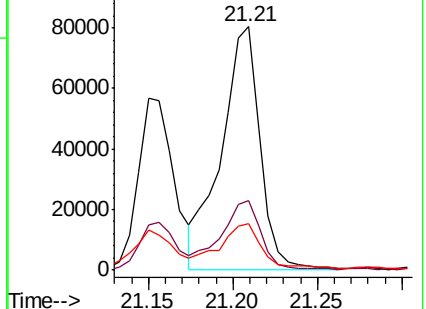
229 19.3 15.8 23.8

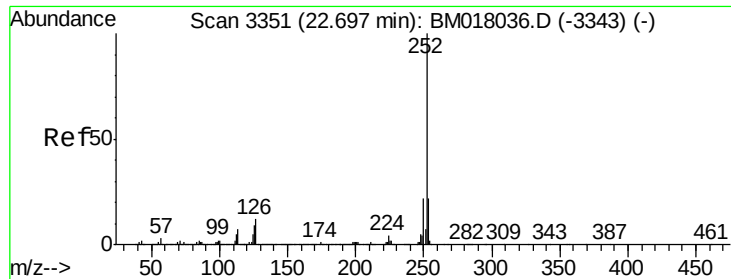


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#87

Benzo(b)fluoranthene

Concen: 2.826 ng/ul

RT: 22.70 min Scan# 3351

Delta R.T. 0.00 min

Lab File: BM018037.D

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F9Y00

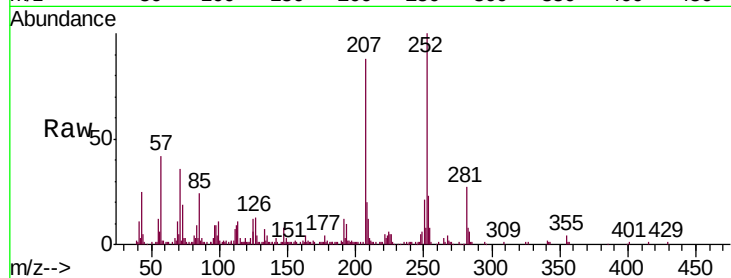
Tgt Ion:252 Resp: 162191

Ion Ratio Lower Upper

252 100

253 23.2 17.0 25.4

125 11.7 7.3 10.9#

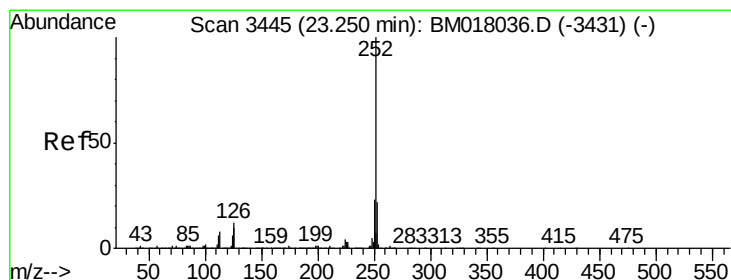
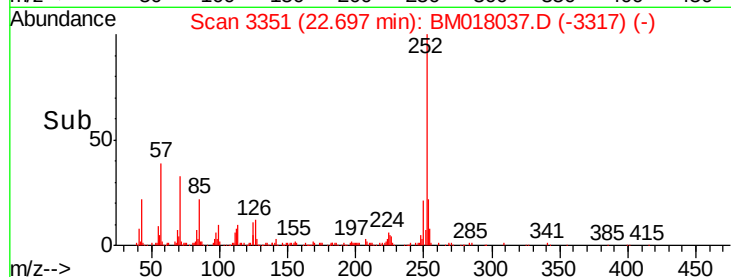
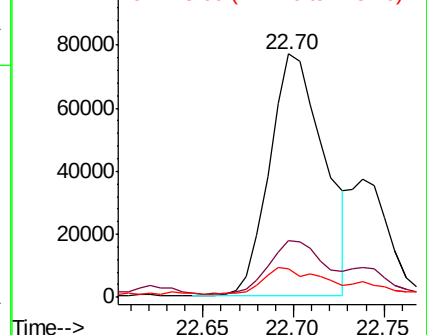


Abundance

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



#90

Benzo(a)pyrene

Concen: 1.408 ng/ul

RT: 23.24 min Scan# 3444

Delta R.T. -0.01 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

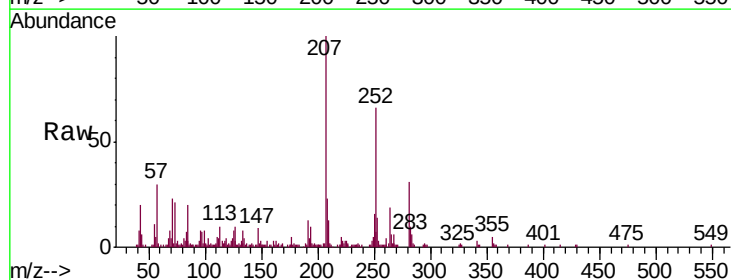
Tgt Ion:252 Resp: 76629

Ion Ratio Lower Upper

252 100

253 21.8 17.4 26.0

125 11.6 7.9 11.9

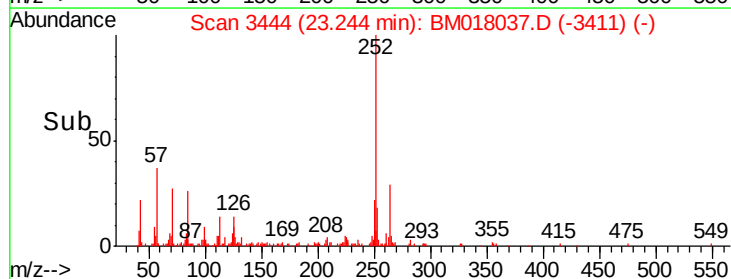
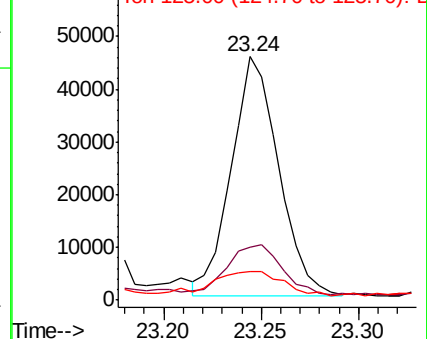


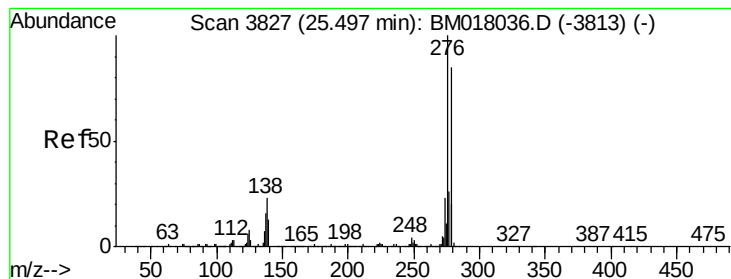
Abundance

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

Indeno(1,2,3-cd)pyrene

Concen: 1.120 ng/ul

RT: 25.50 min Scan# 3828

Delta R.T. 0.01 min

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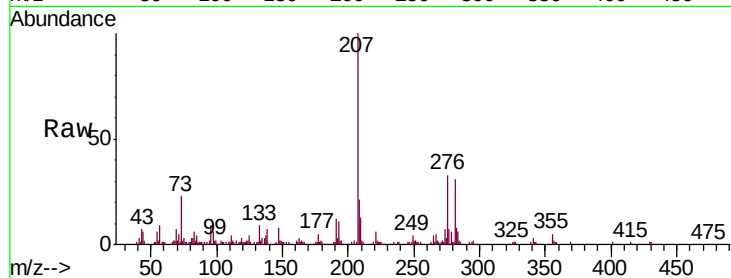
Tgt Ion:276 Resp: 64613

Ion Ratio Lower Upper

276 100

138 22.6 18.2 27.2

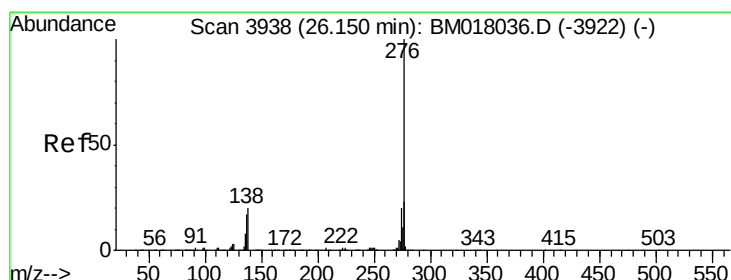
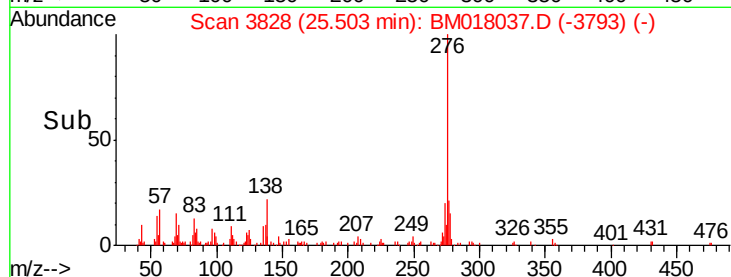
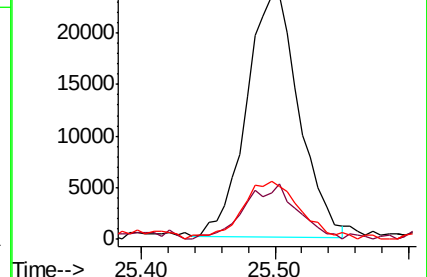
277 21.6 20.2 30.4



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



#93

Benzo(g,h,i)perylene

Concen: 1.187 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BM018037.D

Acq: 10 Dec 2018 22:55

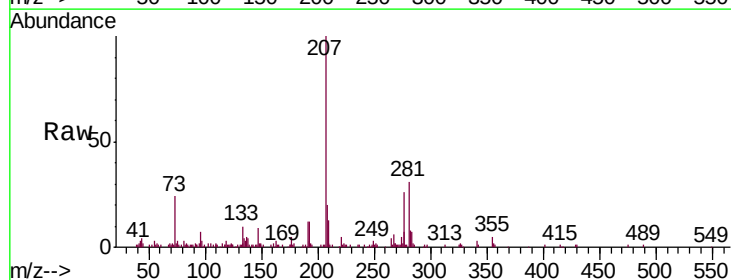
Tgt Ion:276 Resp: 55319

Ion Ratio Lower Upper

276 100

138 16.5 15.8 23.6

277 26.3 18.6 27.8



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

