

Data Path : Z:\HPCHEM1\BNA M\DATA\BM022818\
 Data File : BM014433.D
 Acq On : 01 Mar 2018 10:31
 Operator : SJ/JU
 Sample : J1678-02
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BE5T1

Quant Time: Mar 01 11:32:28 2018
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM021418.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Mar 01 03:03:26 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.51	152	136520	20.00	ng/ul	0.00
18) Naphthalene-d8	10.28	136	646708	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.17	164	379997	20.00	ng/ul	0.00
61) Phenanthrene-d10	16.93	188	845017	20.00	ng/ul	0.00
75) Chrysene-d12	21.15	240	793070	20.00	ng/ul	0.00
83) Perylene-d12	23.33	264	628971	20.00	ng/ul	0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.09	96	12915	4.05	ng/uL	0.00
5) Phenol-d5	6.72	99	383906	33.27	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.86	67	230363	32.98	ng/ul	0.00
9) 2-Chlorophenol-d4	7.05	132	308388	34.86	ng/ul	0.00
13) 4-Methylphenol-d8	8.24	113	308801	30.59	ng/ul	0.00
19) Nitrobenzene-d5	8.67	128	161882	33.87	ng/ul	0.00
22) 2-Nitrophenol-d4	9.39	143	177999	35.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.93	165	318747	31.11	ng/ul	0.00
29) 4-Chloroaniline-d4	10.45	131	378147	37.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.60	166	1072907	34.19	ng/ul	0.00
46) Acenaphthylene-d8	13.86	160	1396239	36.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.45	143	127321	29.39	ng/ul	0.02
57) Fluorene-d10	15.18	176	911509	32.42	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.35	200	29090	5.74	ng/ul	0.01
70) Anthracene-d10	17.04	188	1401189	34.37	ng/ul	0.00
76) Pyrene-d10	19.35	212	1525968	37.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.20	264	1050346	34.31	ng/ul	0.01

Target Compounds

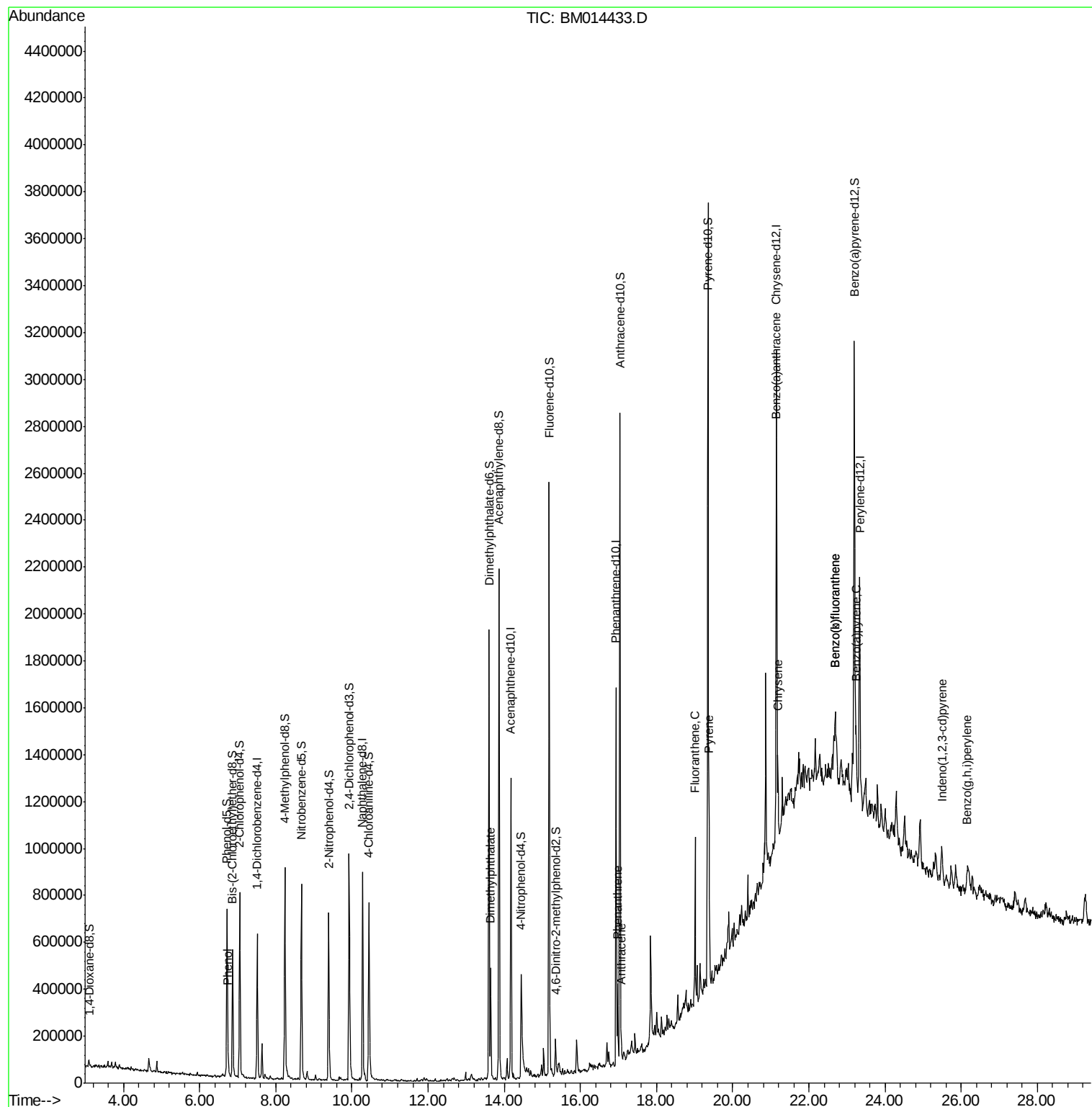
					Ovalue	
6) Phenol	6.75	94	23680	1.956	ng/ul#	87
44) Dimethylphthalate	13.64	163	247813	8.008	ng/ul	100
69) Phenanthrene	16.97	178	176791	3.631	ng/ul	95
71) Anthracene	17.07	178	51829	1.059	ng/ul#	92
74) Fluoranthene	19.01	202	380362	6.539	ng/ul#	92
77) Pyrene	19.37	202	415561	7.885	ng/ul#	92
80) Benzo(a)anthracene	21.14	228	197012	3.980	ng/ul	95
82) Chrysene	21.19	228	185859	4.025	ng/ul	95
85) Benzo(b)fluoranthene	22.69	252	214632	5.096	ng/ul#	95
86) Benzo(k)fluoranthene	22.69	252	214632	5.360	ng/ul#	93
88) Benzo(a)pyrene	23.24	252	160418	4.263	ng/ul#	91
89) Indeno(1,2,3-cd)pyrene	25.50	276	106875	2.927	ng/ul#	85
91) Benzo(g,h,i)perylene	26.16	276	90272	3.051	ng/ul	94

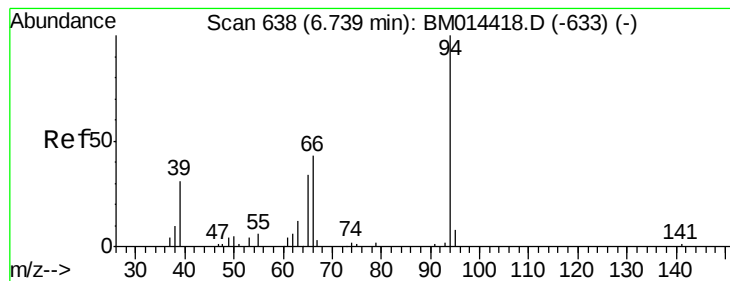
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Mar 01 03:03:26 2018
Response via : Initial Calibration





#6

Phenol

Concen: 1.956 ng/ul

RT: 6.75 min Scan# 639

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

BNA_M

ClientSampleId :

BE5T1

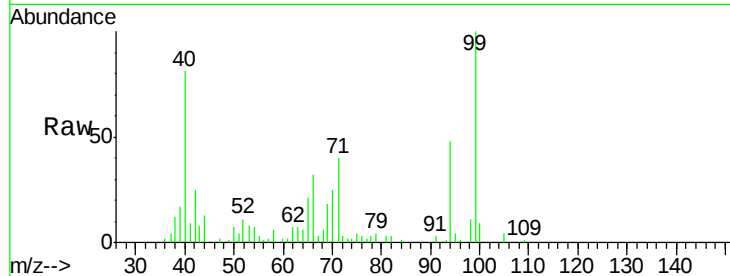
Tot Ion: 94 Resp: 23680

Ion Ratio Lower Upper

94 100

65 44.9 28.2 42.4#

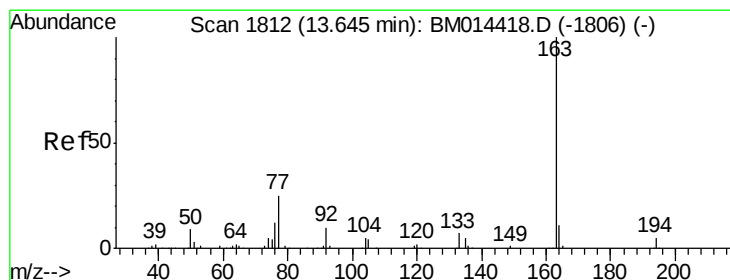
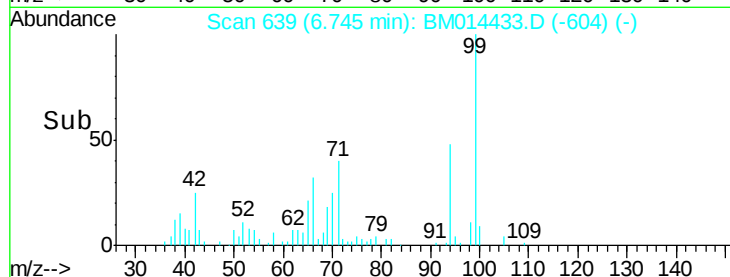
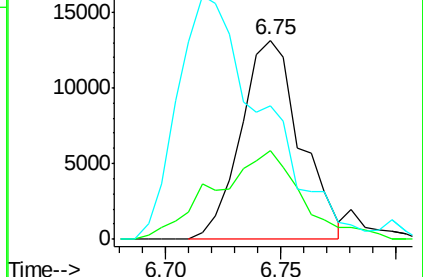
66 67.1 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM014433.D (-604) (-)

Ion 65.00 (64.70 to 65.70): BM014433.D (-604) (-)

Ion 66.00 (65.70 to 66.70): BM014433.D (-604) (-)



#44

Dimethylphthalate

Concen: 8.008 ng/ul

RT: 13.64 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

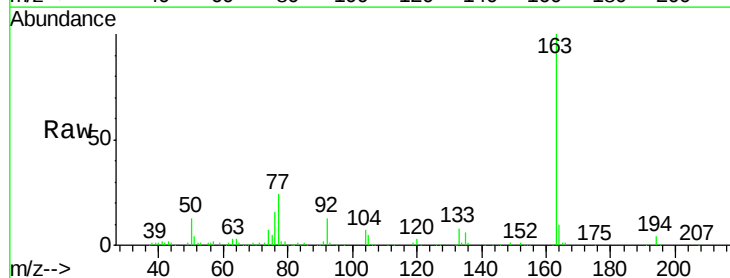
Tgt Ion: 163 Resp: 247813

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

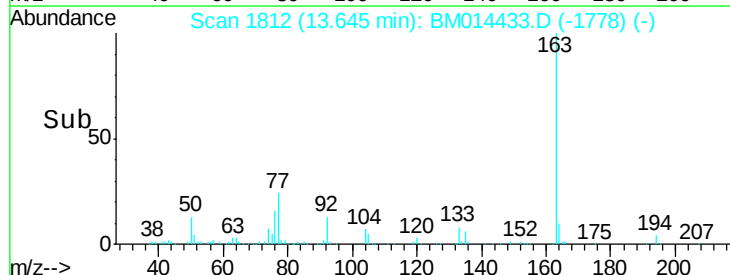
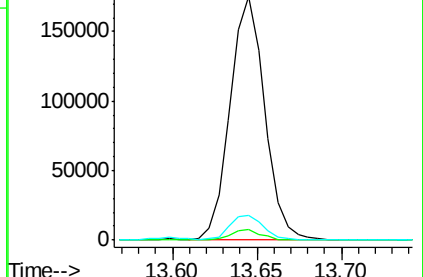
164 10.4 8.2 12.4

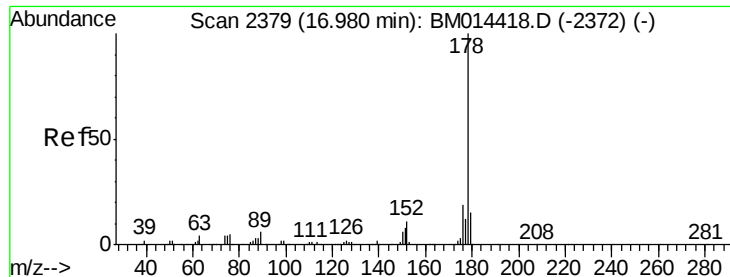


Abundance Ion 163.00 (162.70 to 163.70): BM014433.D (-1778) (-)

Ion 194.00 (193.70 to 194.70): BM014433.D (-1778) (-)

Ion 164.00 (163.70 to 164.70): BM014433.D (-1778) (-)





#69

Phenanthrene

Concen: 3.631 ng/ul

RT: 16.97 min Scan# 2378

Delta R.T. -0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

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ClientSampleId :

BE5T1

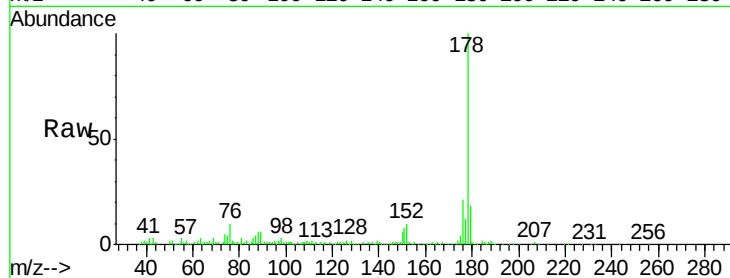
Tot Ion:178 Resp: 176791

Ion Ratio Lower Upper

178 100

179 17.9 12.6 19.0

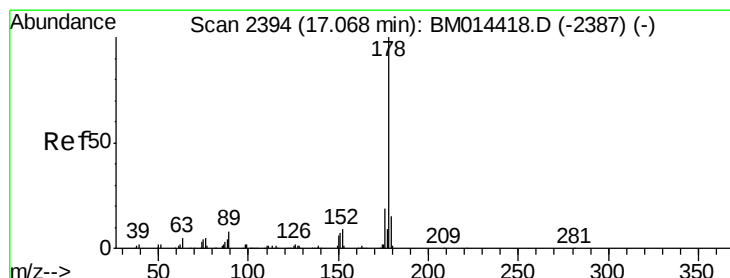
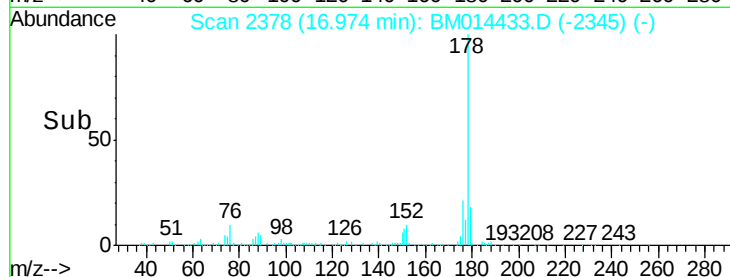
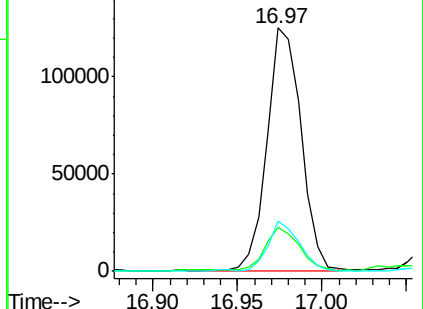
176 20.7 14.9 22.3



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



#71

Anthracene

Concen: 1.059 ng/ul

RT: 17.07 min Scan# 2394

Delta R.T. 0.00 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

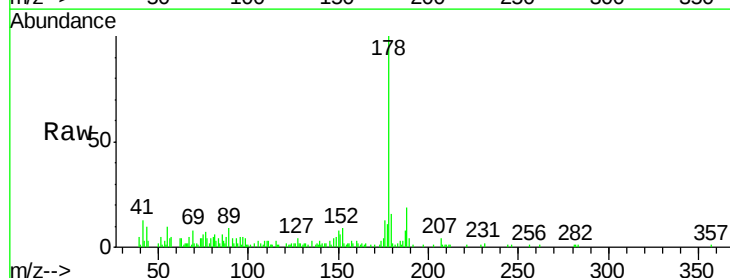
Tgt Ion:178 Resp: 51829

Ion Ratio Lower Upper

178 100

179 16.0 11.7 17.5

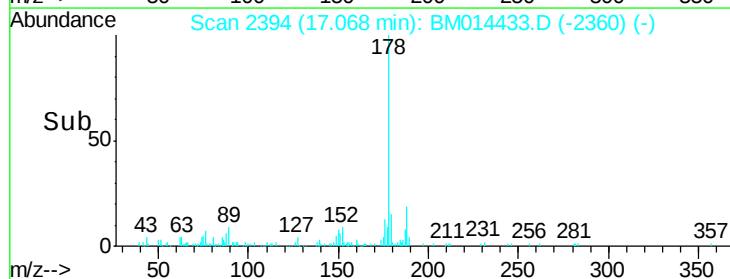
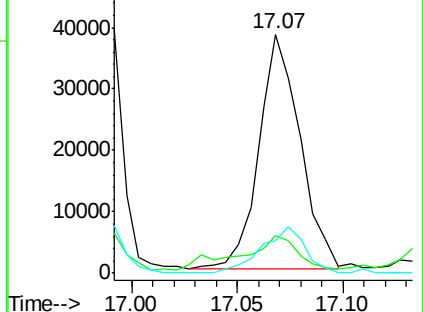
176 13.3 14.6 21.8#

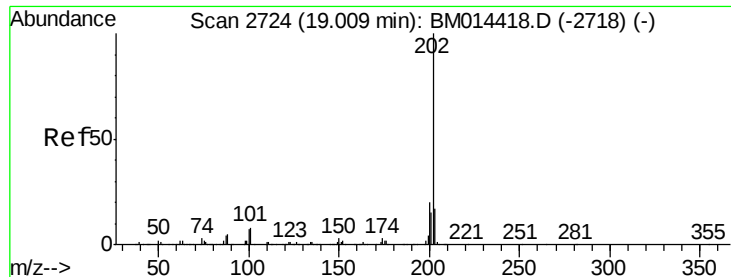


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 6.539 ng/ul

RT: 19.01 min Scan# 2724

Delta R.T. 0.00 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

BNA_M

ClientSampleId :

BE5T1

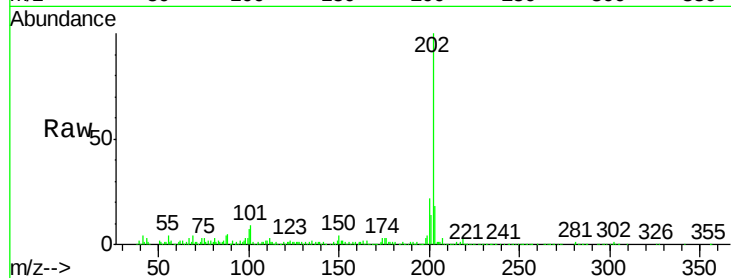
Tot Ion:202 Resp: 380362

Ion Ratio Lower Upper

202 100

101 8.6 4.6 7.0#

100 7.0 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

300000

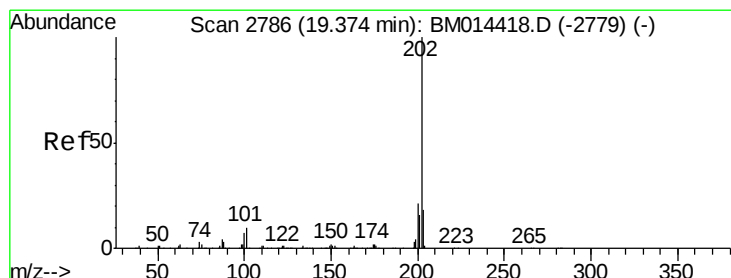
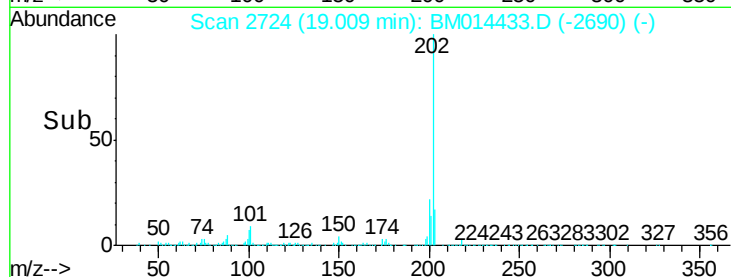
200000

100000

0

19.01

Time--> 18.95 19.00 19.05



#77

Pyrene

Concen: 7.885 ng/ul

RT: 19.37 min Scan# 2786

Delta R.T. 0.00 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

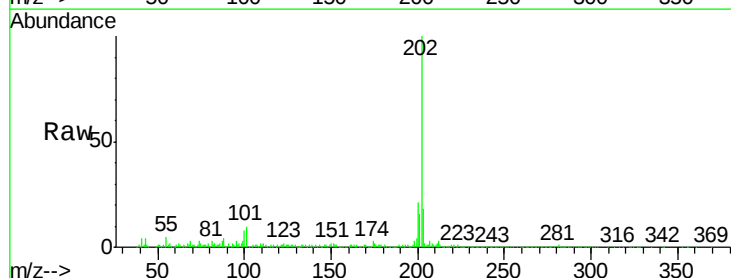
Tgt Ion:202 Resp: 415561

Ion Ratio Lower Upper

202 100

101 9.7 5.1 7.7#

100 8.3 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

400000

300000

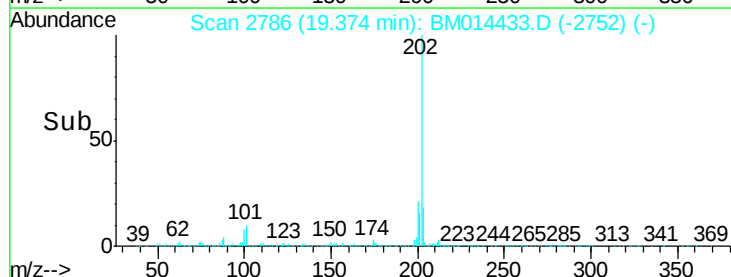
200000

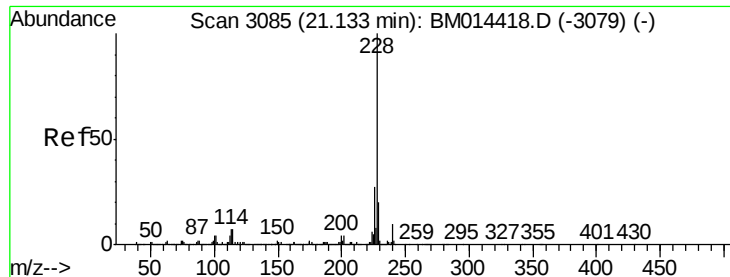
100000

0

19.37

Time--> 19.30 19.40





#80

Benzo(a)anthracene

Concen: 3.980 ng/ul

RT: 21.14 min Scan# 3086

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

BNA_M

ClientSampleId :

BE5T1

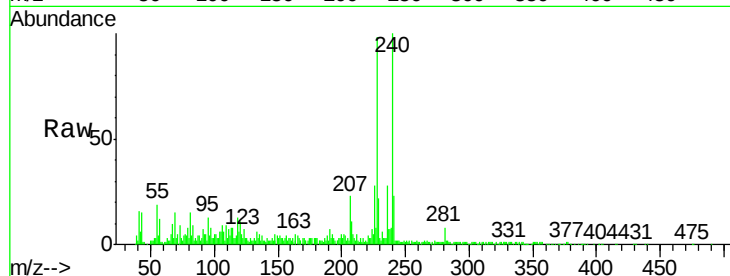
Tot Ion:228 Resp: 197012

Ion Ratio Lower Upper

228 100

229 22.1 15.4 23.0

226 28.6 21.4 32.0

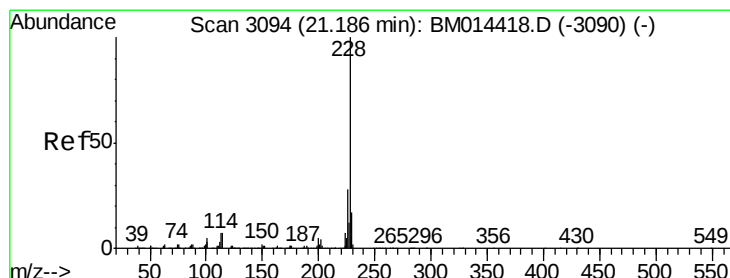
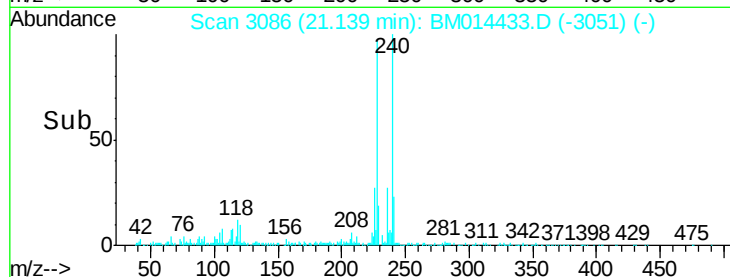
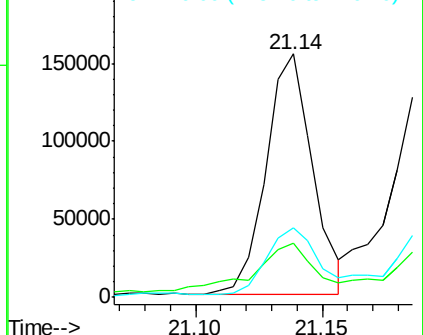


Abundance

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: 4.025 ng/ul

RT: 21.19 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

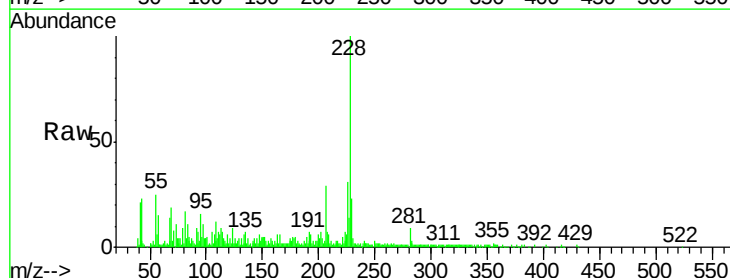
Tgt Ion:228 Resp: 185859

Ion Ratio Lower Upper

228 100

226 31.1 23.4 35.2

229 22.6 15.5 23.3

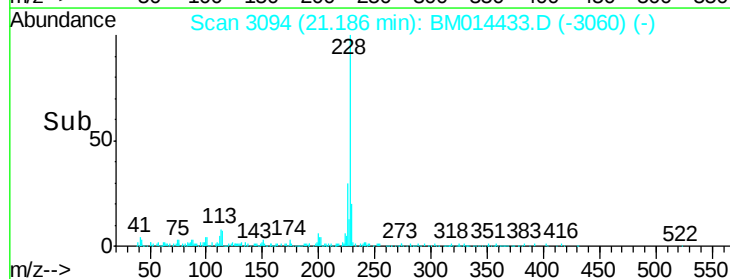
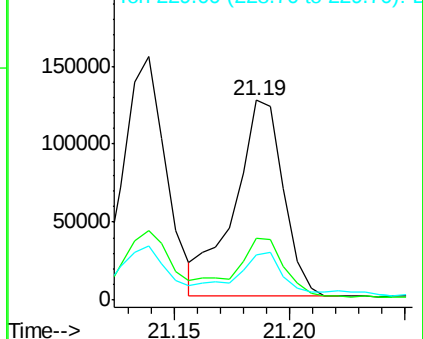


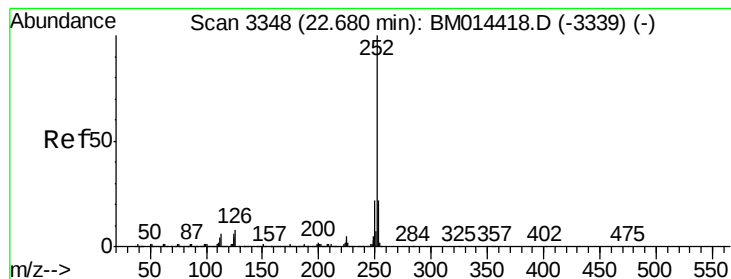
Abundance

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: 5.096 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

BNA_M

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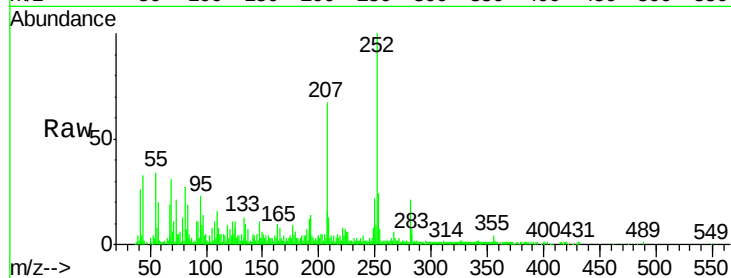
Tot Ion:252 Resp: 214632

Ion Ratio Lower Upper

252 100

253 24.3 17.9 26.9

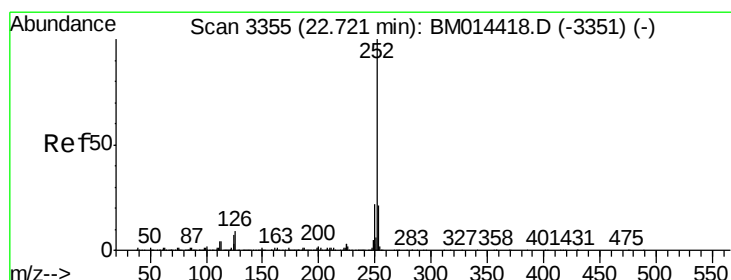
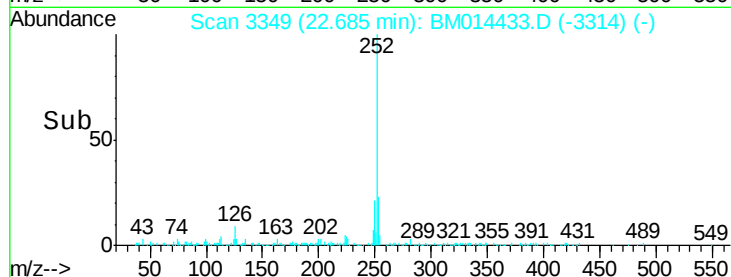
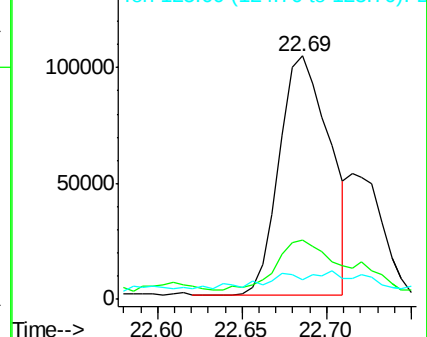
125 8.2 3.6 5.4#



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: 5.360 ng/ul

RT: 22.69 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

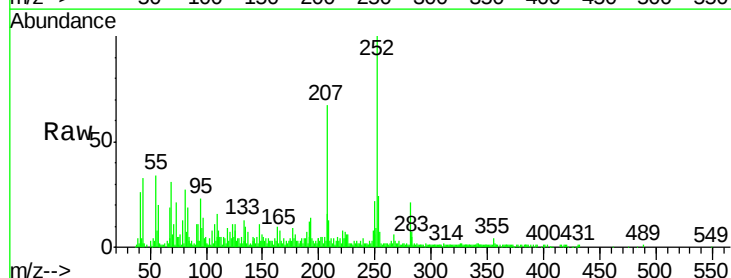
Tgt Ion:252 Resp: 214632

Ion Ratio Lower Upper

252 100

253 24.3 17.1 25.7

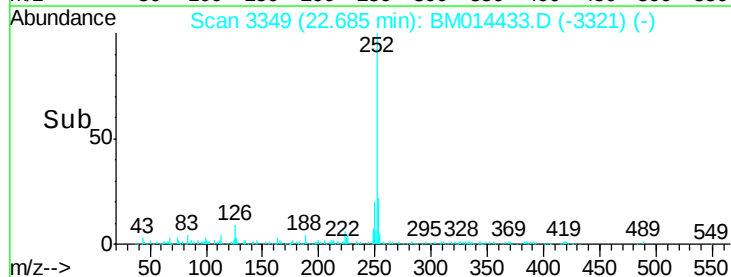
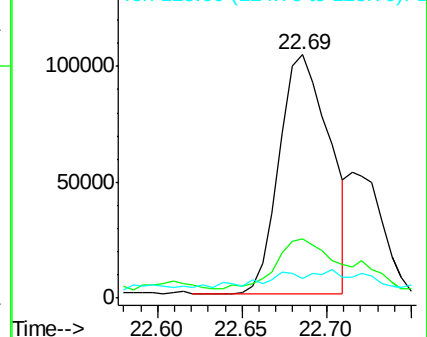
125 8.2 3.4 5.2#

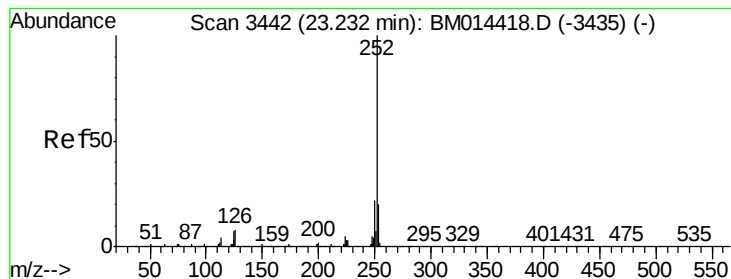


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#88

Benzo(a)pyrene

Concen: 4.263 ng/ul

RT: 23.24 min Scan# 3443

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

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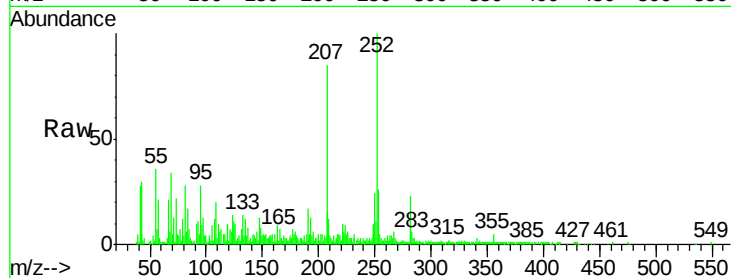
Tot Ion:252 Resp: 160418

Ion Ratio Lower Upper

252 100

253 25.9 18.2 27.2

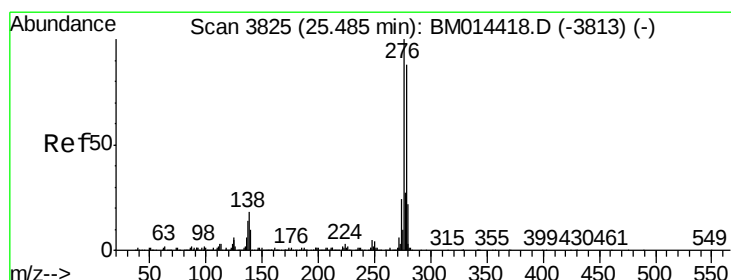
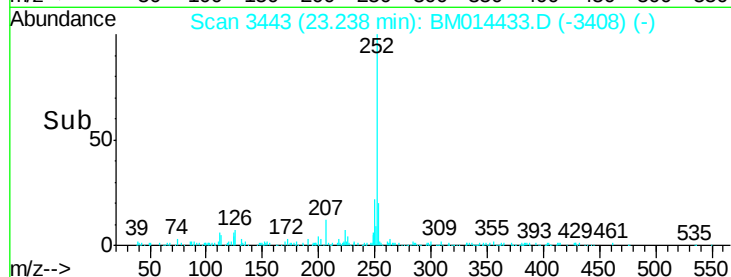
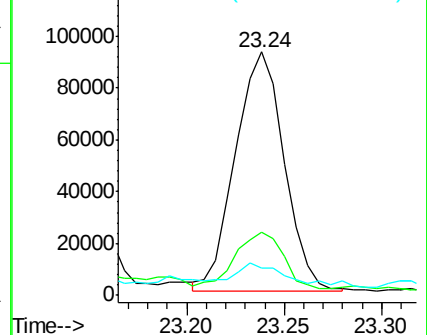
125 11.0 4.0 6.0#



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



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.927 ng/ul

RT: 25.50 min Scan# 3827

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

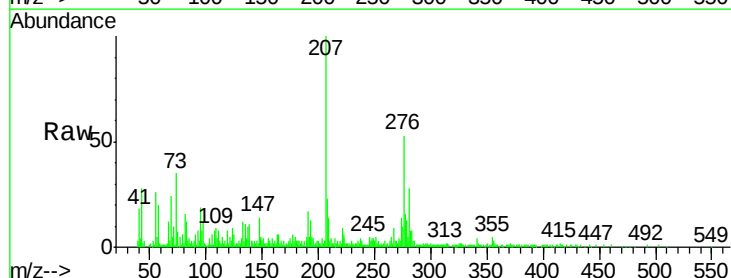
Tgt Ion:276 Resp: 106875

Ion Ratio Lower Upper

276 100

138 20.9 9.3 13.9#

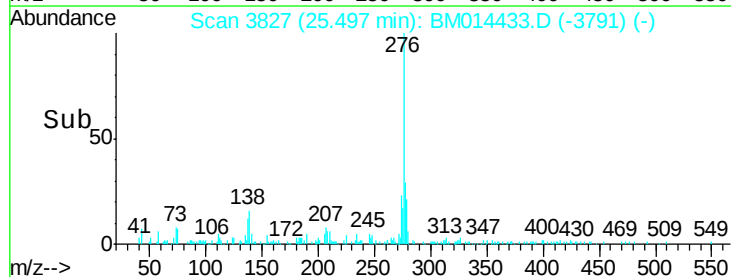
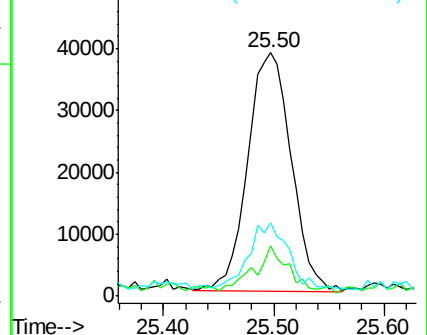
277 30.3 19.9 29.9#

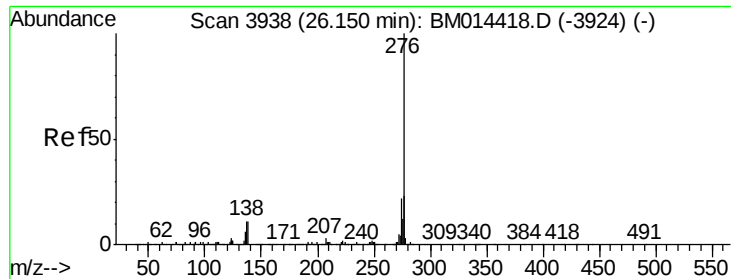


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#91

Benzo(a,h,i)perylene

Concen: 3.051 ng/ul

RT: 26.16 min Scan# 3940

Delta R.T. 0.01 min

Lab File: BM014433.D

Acq: 01 Mar 2018 10:31

Instrument :

BNA_M

ClientSampleId :

BE5T1

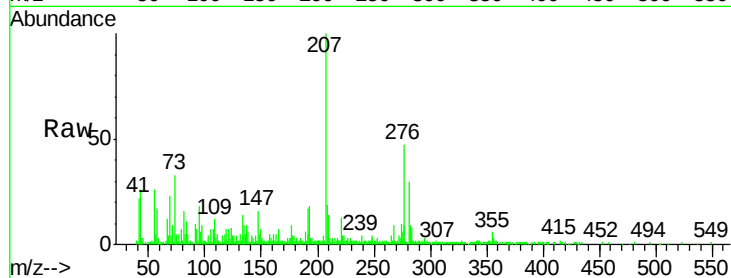
Tot Ion: 276 Resp: 90272

Ion Ratio Lower Upper

276 100

138 12.0 8.5 12.7

277 20.2 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

