

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
 Data File : BM012587.D
 Acq On : 30 Oct 2017 23:26
 Operator : SJ/JU
 Sample : I5886-05
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 04:51:02 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Oct 31 04:46:13 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.86	152	347851	20.00	ng/ul	0.00
18) Naphthalene-d8	10.65	136	1317261	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	752538	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1700491	20.00	ng/ul	0.00
75) Chrysene-d12	21.40	240	2016801	20.00	ng/ul	0.00
83) Perylene-d12	23.70	264	2291153	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.35	96	24542	3.60	ng/uL	0.00
5) Phenol-d5	7.02	99	422424	14.54	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.19	67	279140	16.18	ng/ul	0.00
9) 2-Chlorophenol-d4	7.39	132	350685	16.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.56	113	231055	9.30	ng/ul	0.00
19) Nitrobenzene-d5	9.01	128	169439	20.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	194320	22.86	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.27	165	354608	15.75	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	248861	10.48	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	1036040	15.76	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	1289860	16.59	ng/ul	0.00
51) 4-Nitrophenol-d4	14.68	143	121609	12.44	ng/ul	0.00
57) Fluorene-d10	15.47	176	907506	16.31	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.60	200	110961	13.48	ng/ul	0.00
70) Anthracene-d10	17.33	188	1317137	16.25	ng/ul	0.00
76) Pyrene-d10	19.62	212	1509384	16.31	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.55	264	1706396	15.68	ng/ul	0.00

Target Compounds

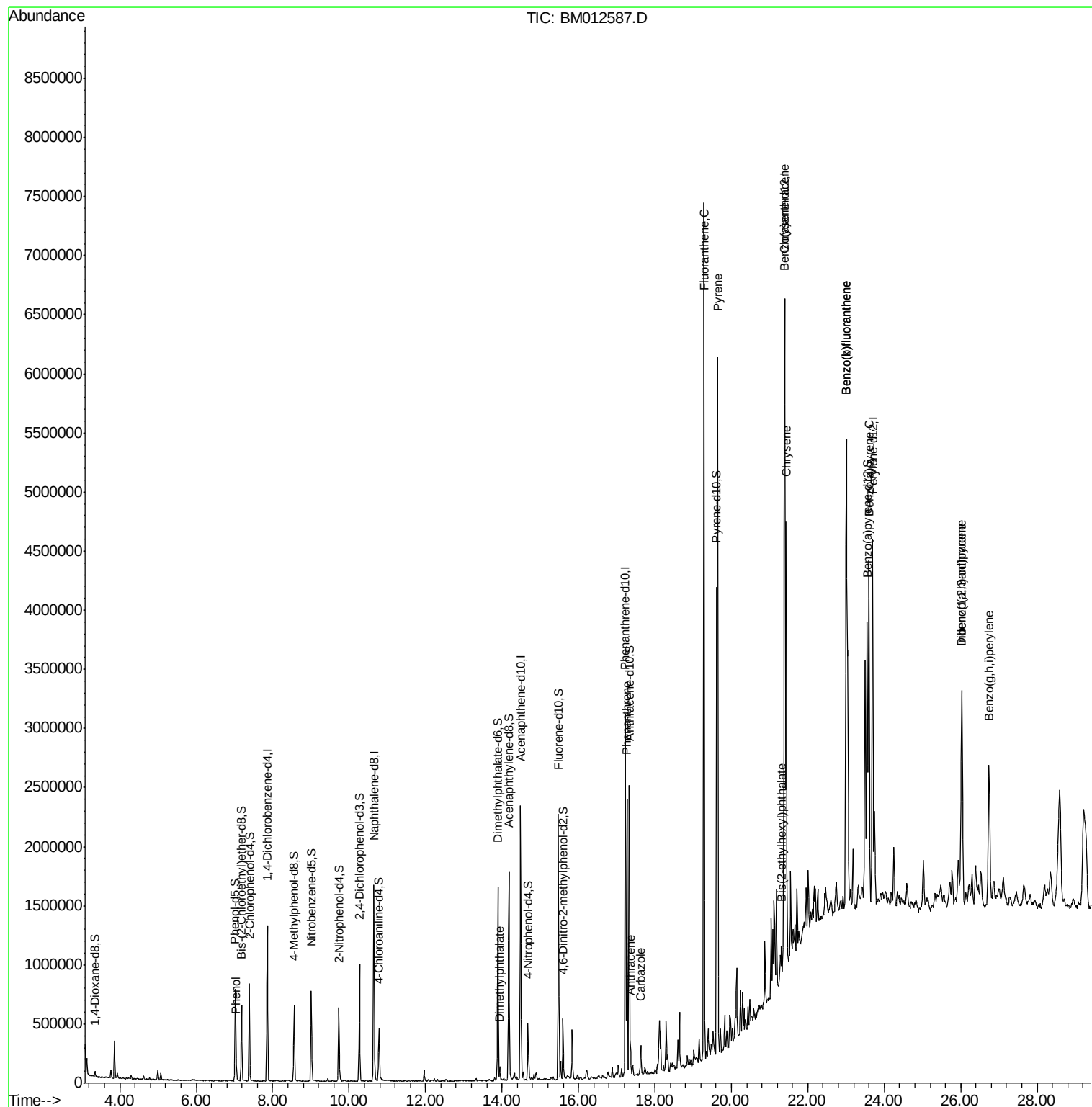
						Ovalue
6) Phenol	7.05	94	61688	2.04	ng/ul#	83
44) Dimethylphthalate	13.94	163	67273	1.03	ng/ul	99
69) Phenanthrene	17.27	178	1385114	15.06	ng/ul	99
71) Anthracene	17.36	178	189299	1.99	ng/ul	98
72) Carbazole	17.63	167	155692	1.98	ng/ul	99
74) Fluoranthene	19.28	202	4408026	42.30	ng/ul#	91
77) Pyrene	19.64	202	3570217	31.13	ng/ul#	91
80) Benzo(a)anthracene	21.39	228	1873585	15.51	ng/ul	98
81) Bis(2-ethylhexyl)phthalate	21.32	149	69570	1.01	ng/ul	98
82) Chrysene	21.43	228	2217822	20.65	ng/ul	98
85) Benzo(b)fluoranthene	23.01	252	3578652	25.27	ng/ul#	98
86) Benzo(k)fluoranthene	23.01	252	3578652	26.85	ng/ul#	97
88) Benzo(a)pyrene	23.60	252	2166836	16.05	ng/ul#	98
89) Indeno(1,2,3-cd)pyrene	26.03	276	1914133	12.04	ng/ul#	97
90) Dibenzo(a,h)anthracene	26.03	278	442454	3.28	ng/ul#	92
91) Benzo(g,h,i)perylene	26.74	276	1596753	12.40	ng/ul#	96

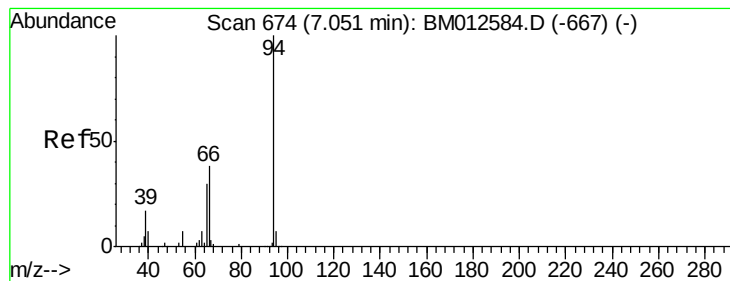
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA M\DATA\BM103017\
Data File : BM012587.D
Acq On : 30 Oct 2017 23:26
Operator : SJ/JU
Sample : I5886-05
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Oct 31 04:51:02 2017
Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM102417.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 31 04:46:13 2017
Response via : Initial Calibration





#6

Phenol

Concen: 2.04 ng/ul

RT: 7.05 min Scan# 674

Delta R.T. 0.00 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampled :

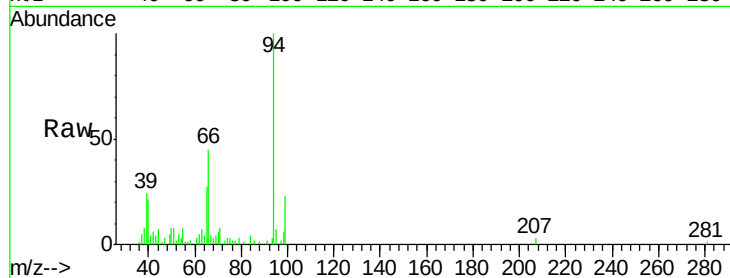
Tot Ion: 94 Resp: 61688

Ion Ratio Lower Upper

94 100

65 27.1 28.2 42.4#

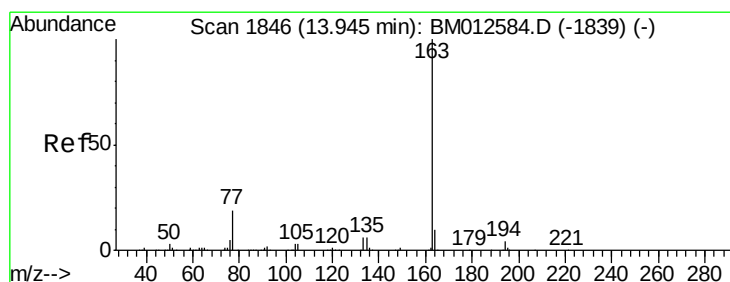
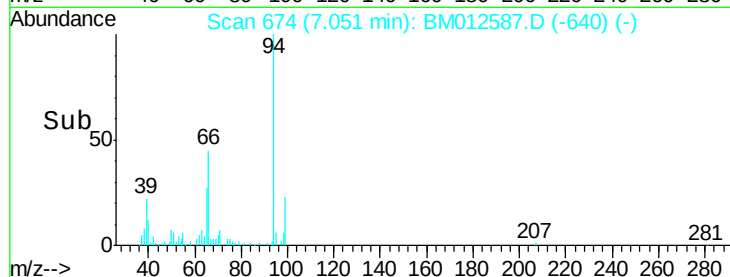
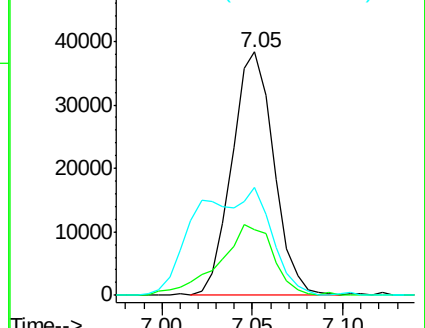
66 44.5 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012587.D (-640) (-)

Ion 65.00 (64.70 to 65.70): BM012587.D (-640) (-)

Ion 66.00 (65.70 to 66.70): BM012587.D (-640) (-)



#44

Dimethylphthalate

Concen: 1.03 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

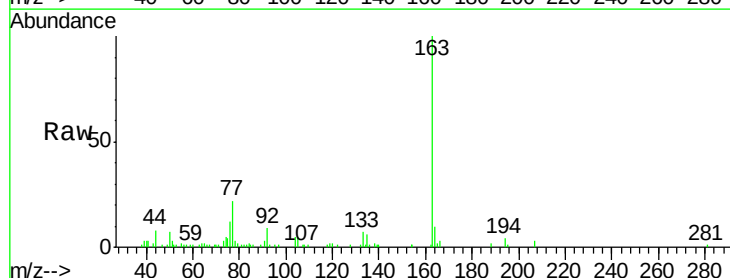
Tgt Ion: 163 Resp: 67273

Ion Ratio Lower Upper

163 100

194 3.9 3.5 5.3

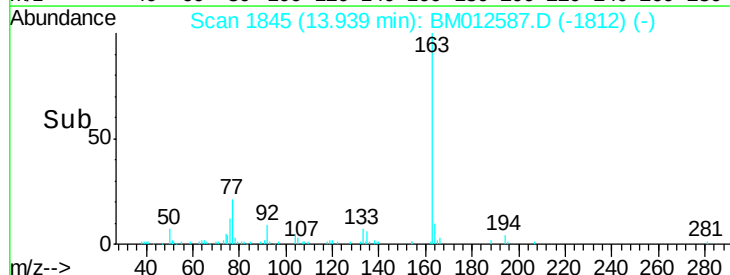
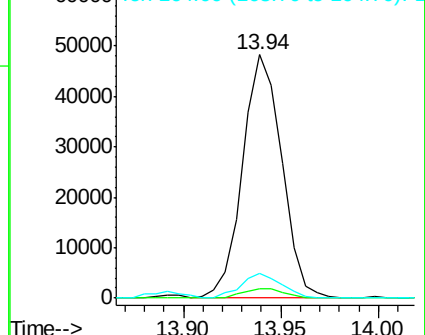
164 10.3 8.2 12.4

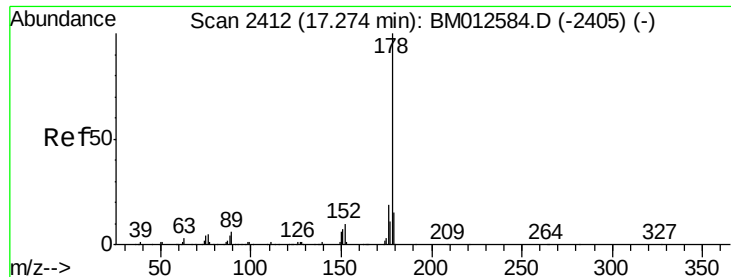


Abundance Ion 163.00 (162.70 to 163.70): BM012587.D (-1812) (-)

Ion 194.00 (193.70 to 194.70): BM012587.D (-1812) (-)

Ion 164.00 (163.70 to 164.70): BM012587.D (-1812) (-)





#69

Phenanthrene

Concen: 15.06 ng/ul

RT: 17.27 min Scan# 2411

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

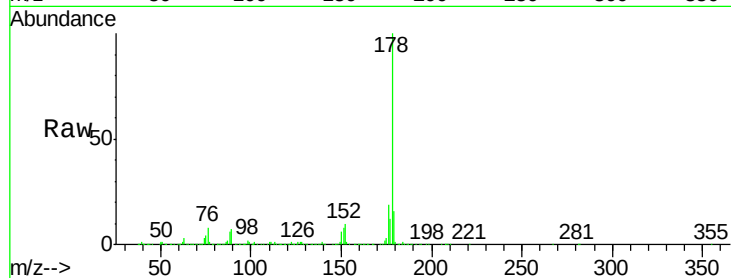
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 1385114

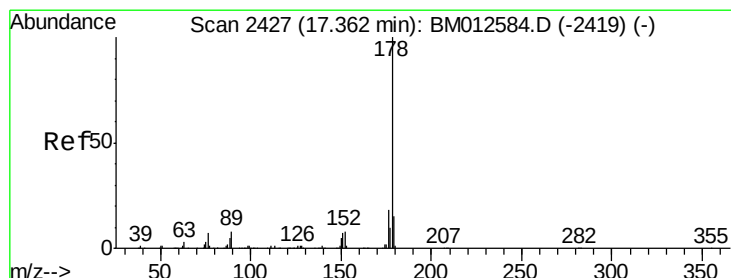
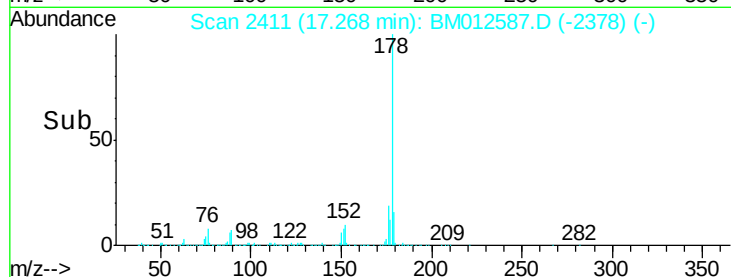
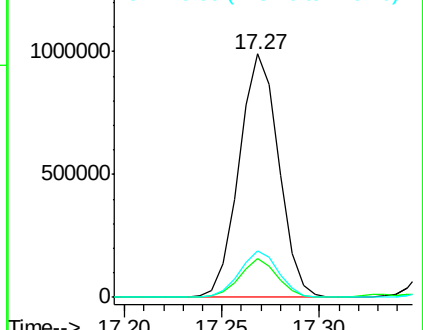
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	19.2	14.9	22.3



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: 1.99 ng/ul

RT: 17.36 min Scan# 2426

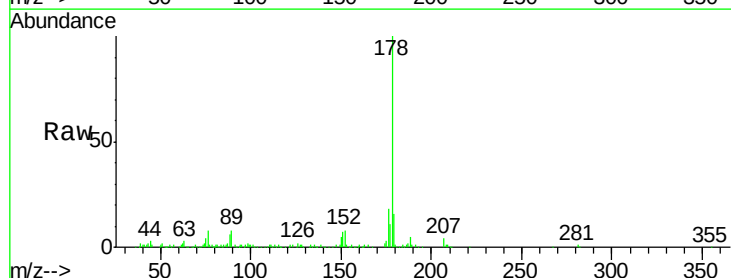
Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Tgt Ion:178 Resp: 189299

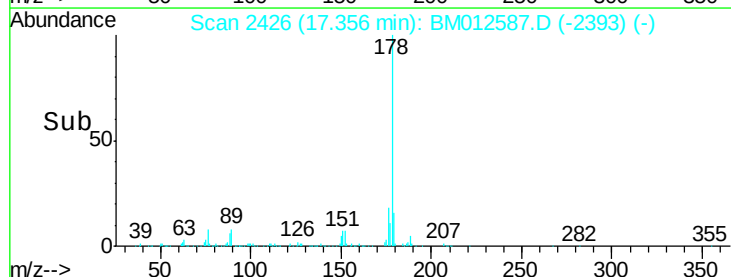
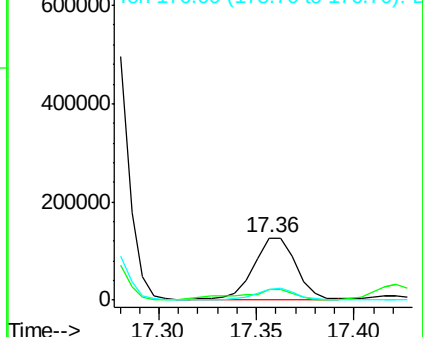
Ion	Ratio	Lower	Upper
178	100		
179	16.3	11.7	17.5
176	18.1	14.6	21.8

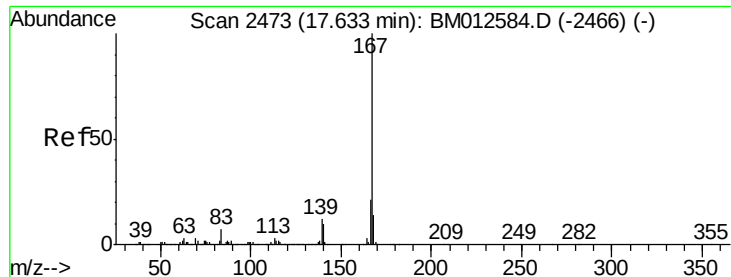


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Carbazole

Concen: 1.98 ng/ul

RT: 17.63 min Scan# 2472

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampleId :

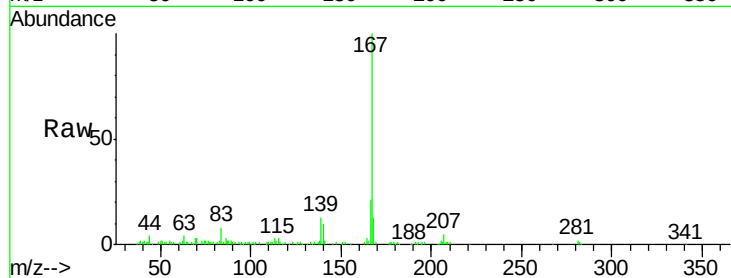
Tot Ion:167 Resp: 155692

Ion Ratio Lower Upper

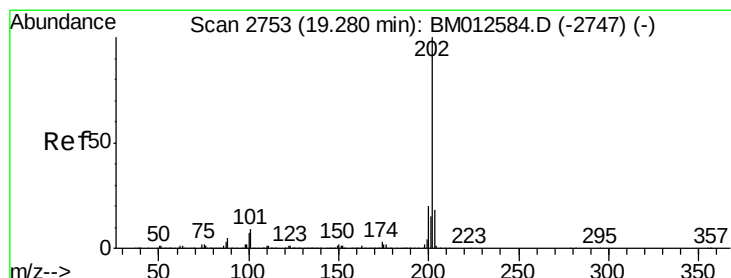
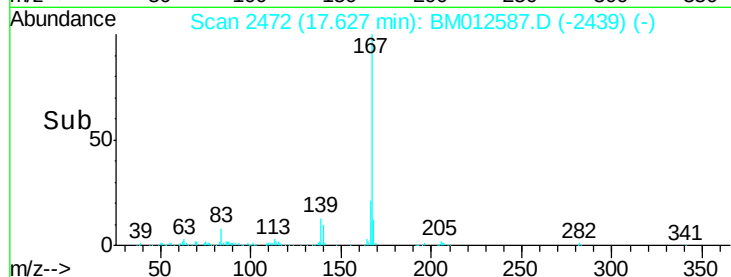
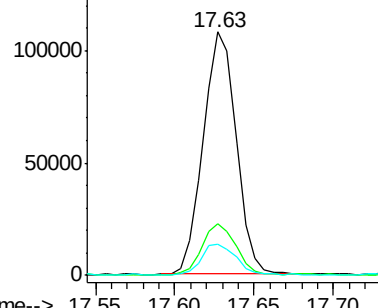
167 100

166 21.1 17.1 25.7

139 13.0 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E
Ion 166.00 (165.70 to 166.70): E
Ion 139.00 (138.70 to 139.70): E



#74

Fluoranthene

Concen: 42.30 ng/ul

RT: 19.28 min Scan# 2753

Delta R.T. 0.00 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

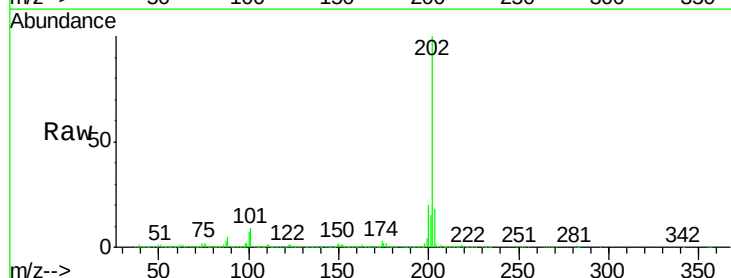
Tgt Ion:202 Resp: 4408026

Ion Ratio Lower Upper

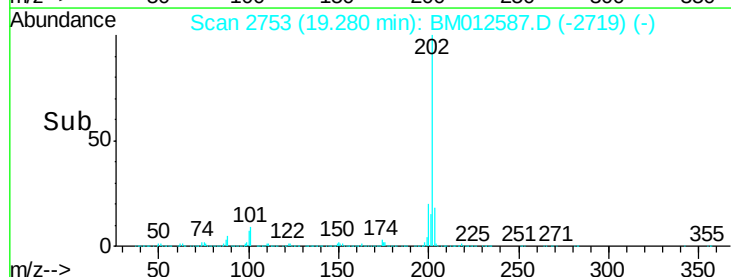
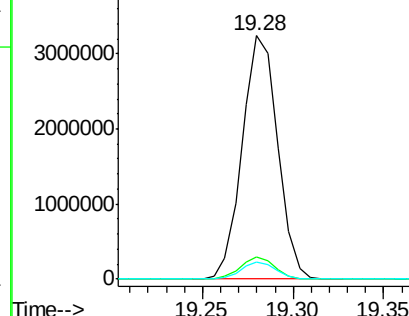
202 100

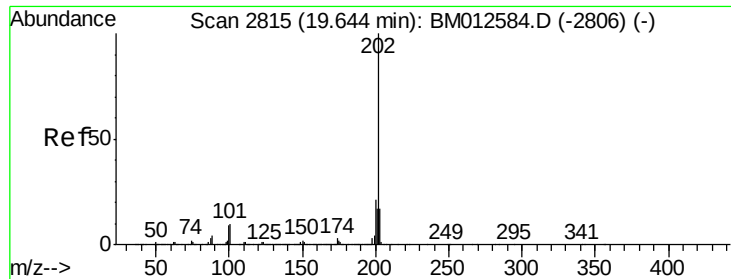
101 8.9 4.6 7.0#

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





#77

Pvrene

Concen: 31.13 ng/ul

RT: 19.64 min Scan# 2815

Delta R.T. 0.00 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampleId :

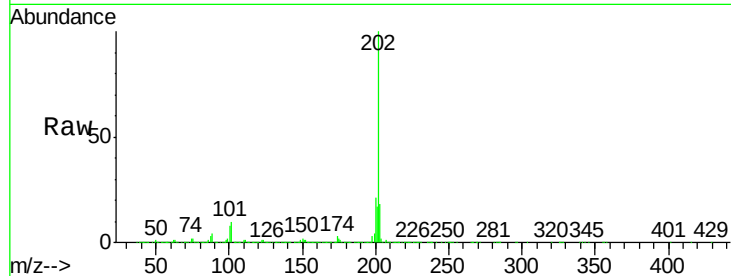
Tot Ion:202 Resp: 3570217

Ion Ratio Lower Upper

202 100

101 9.9 5.1 7.7#

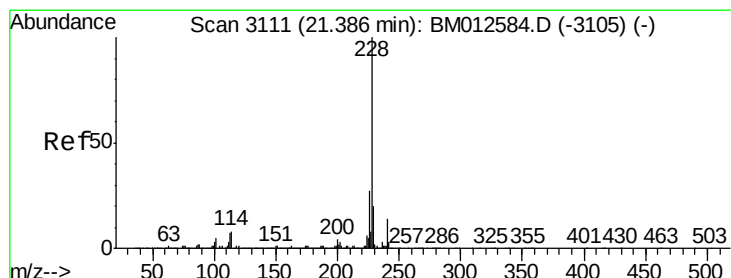
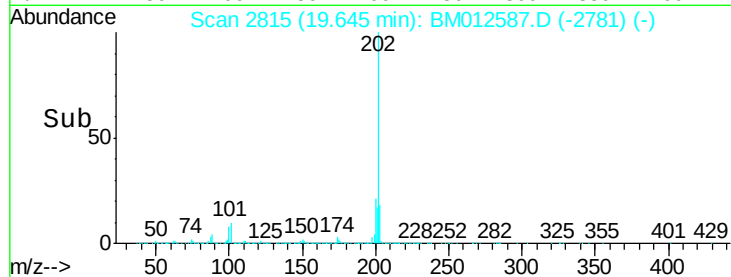
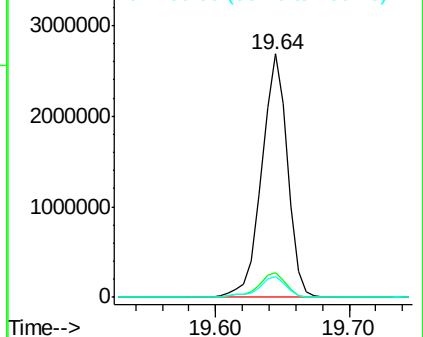
100 8.4 4.9 7.3#



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: 15.51 ng/ul

RT: 21.39 min Scan# 3111

Delta R.T. 0.00 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

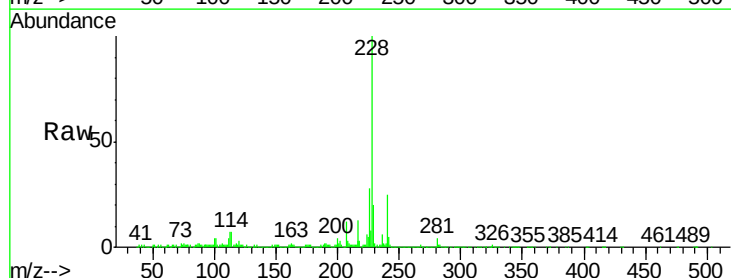
Tgt Ion:228 Resp: 1873585

Ion Ratio Lower Upper

228 100

229 20.1 15.4 23.0

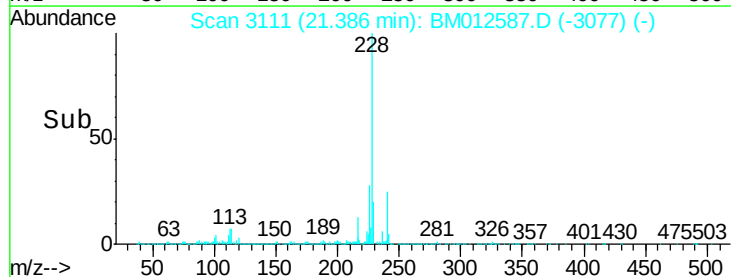
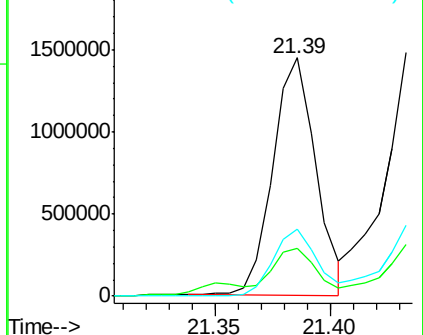
226 27.9 21.4 32.0

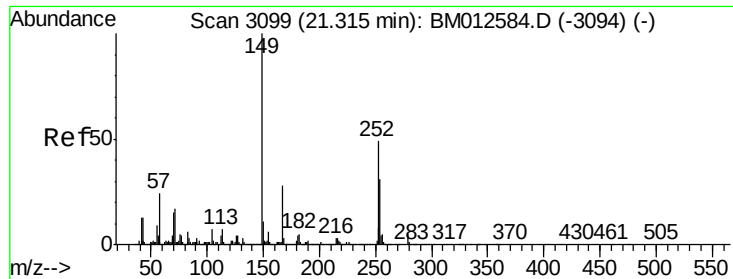


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

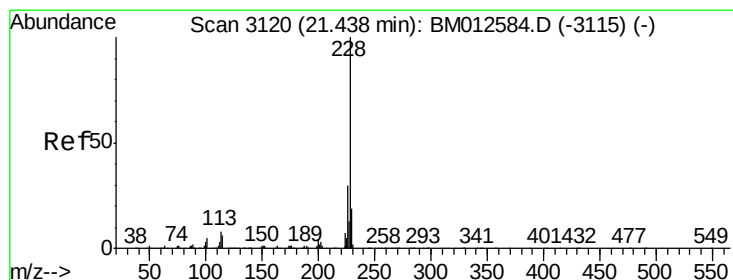
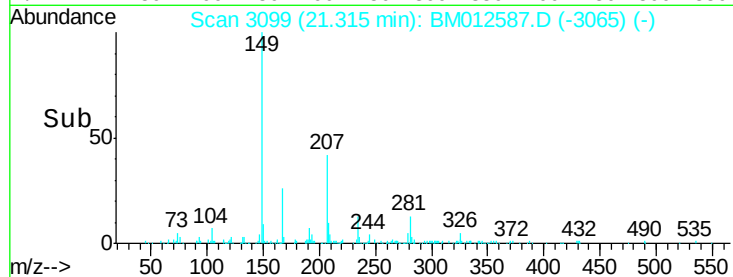
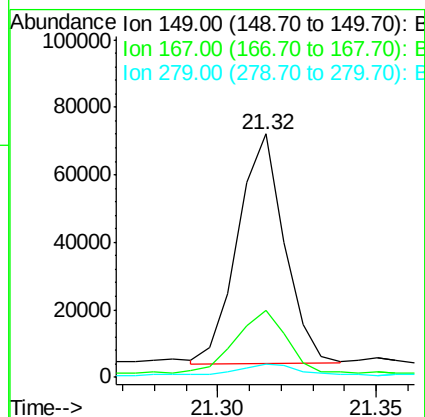
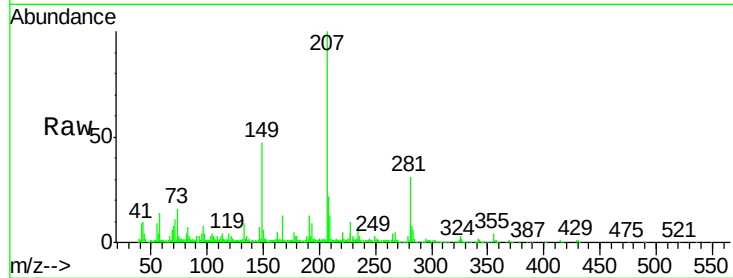




#81
 Bis(2-ethylhexyl)phthalate
 Concen: 1.01 ng/ul
 RT: 21.32 min Scan# 3099
 Delta R.T. 0.00 min
 Lab File: BM012587.D
 Acq: 30 Oct 2017 23:26

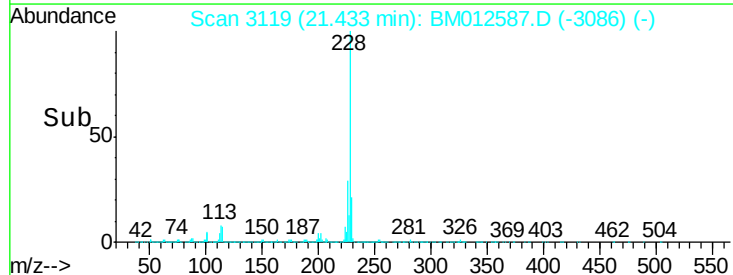
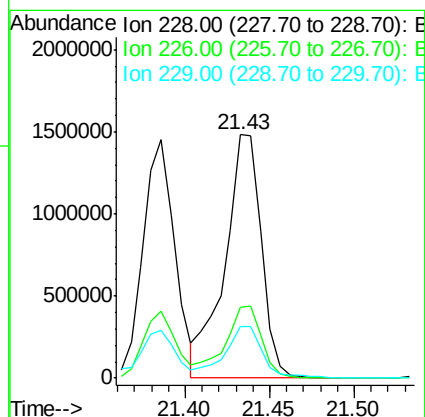
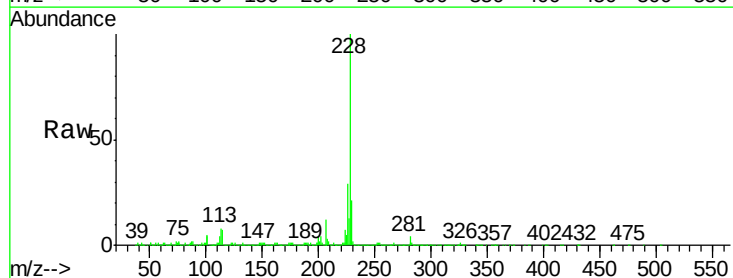
Instrument :
 BNA_M
 ClientSampleId :

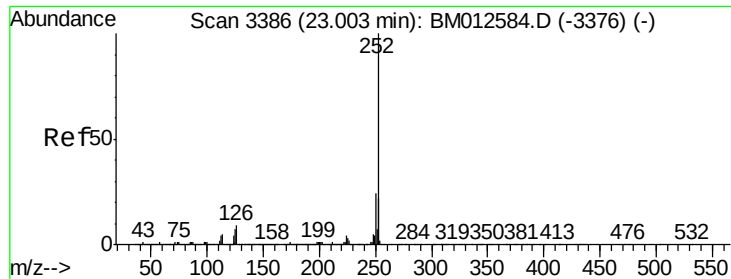
Tot Ion:149 Resp: 69570
 Ion Ratio Lower Upper
 149 100
 167 27.6 22.8 34.2
 279 5.7 4.9 7.3



#82
 Chrysene
 Concen: 20.65 ng/ul
 RT: 21.43 min Scan# 3119
 Delta R.T. -0.01 min
 Lab File: BM012587.D
 Acq: 30 Oct 2017 23:26

Tgt Ion:228 Resp: 2217822
 Ion Ratio Lower Upper
 228 100
 226 29.3 23.4 35.2
 229 21.4 15.5 23.3





#85

Benzo(b)fluoranthene

Concen: 25.27 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. 0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampleId :

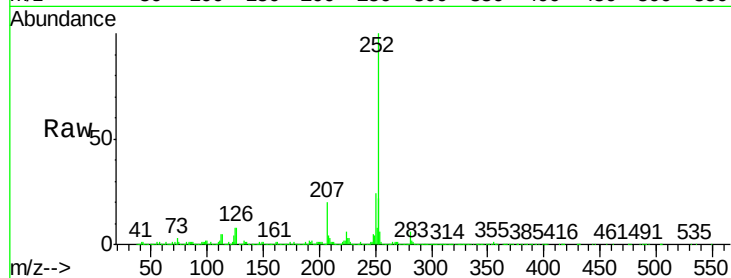
Tot Ion:252 Resp: 3578652

Ion Ratio Lower Upper

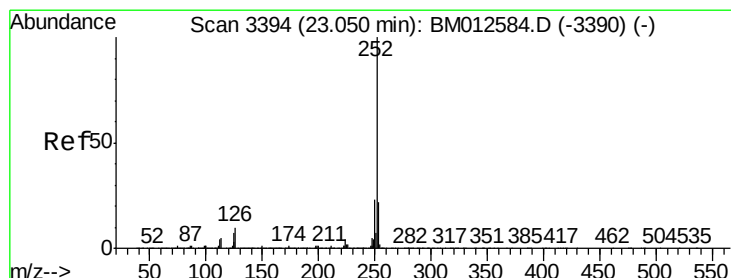
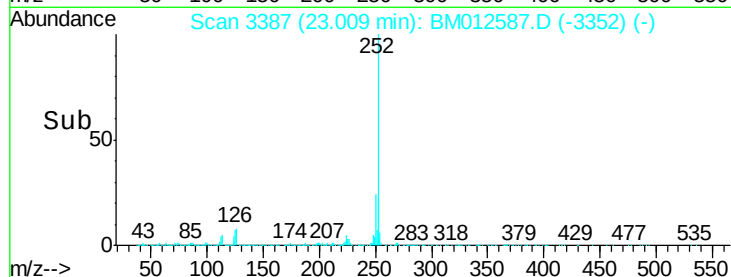
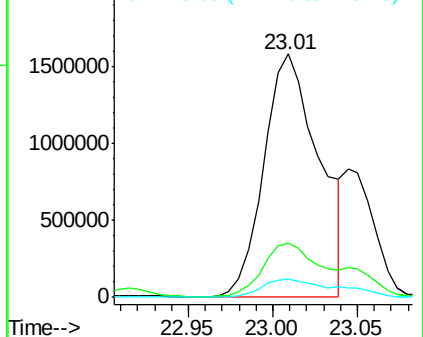
252 100

253 22.1 17.9 26.9

125 7.6 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: 26.85 ng/ul

RT: 23.01 min Scan# 3387

Delta R.T. -0.04 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

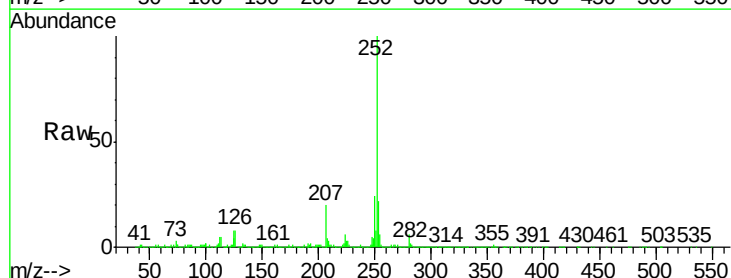
Tgt Ion:252 Resp: 3578652

Ion Ratio Lower Upper

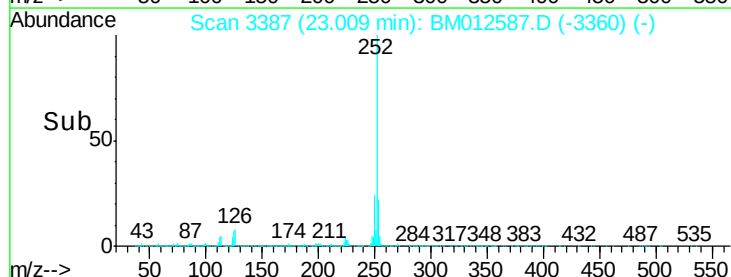
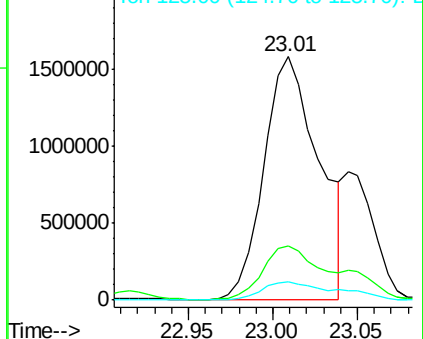
252 100

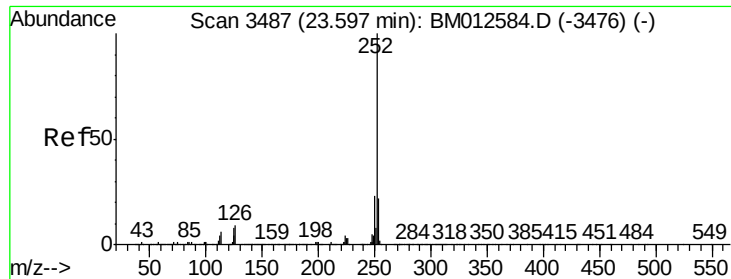
253 22.1 17.1 25.7

125 7.6 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: 16.05 ng/ul

RT: 23.60 min Scan# 3487

Delta R.T. 0.00 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampleId :

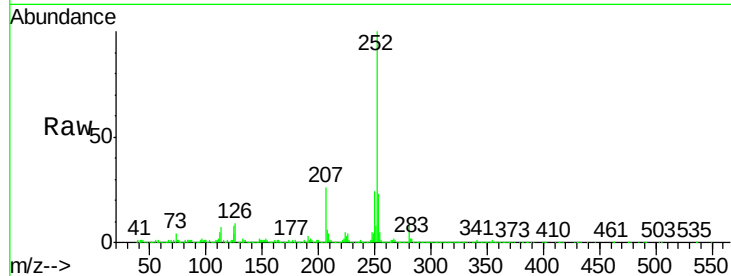
Tot Ion:252 Resp: 2166836

Ion Ratio Lower Upper

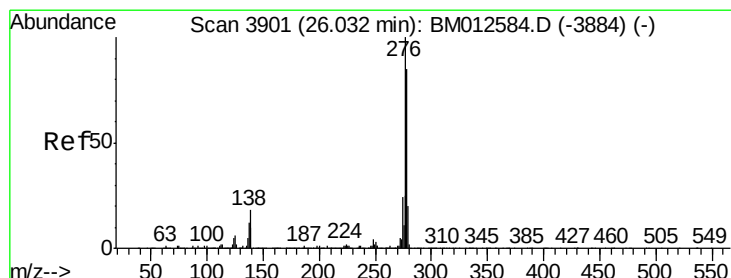
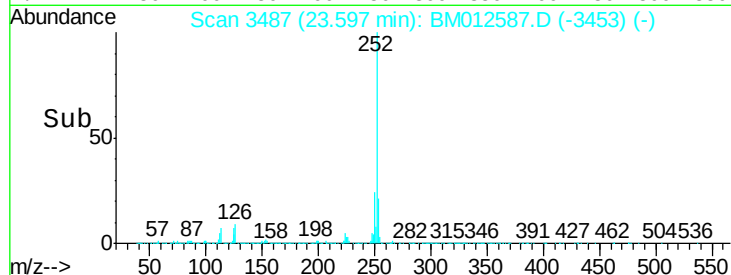
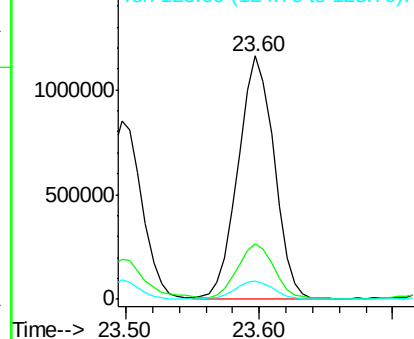
252 100

253 22.7 18.2 27.2

125 7.8 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: 12.04 ng/ul

RT: 26.03 min Scan# 3900

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

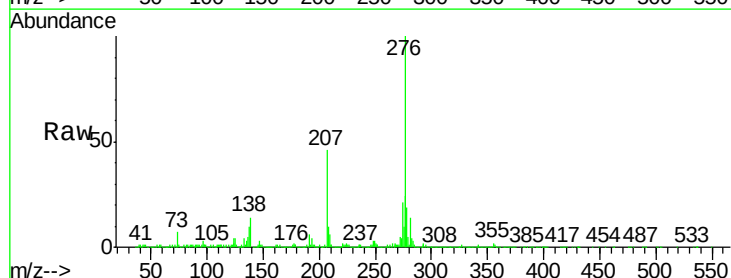
Tgt Ion:276 Resp: 1914133

Ion Ratio Lower Upper

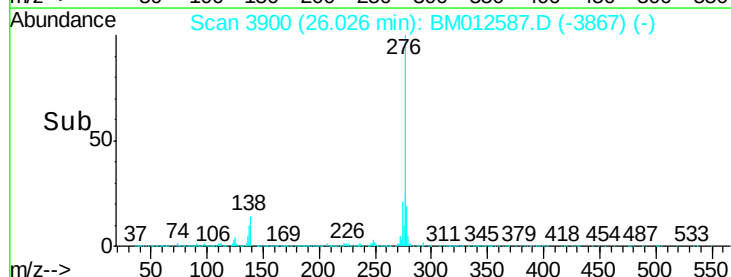
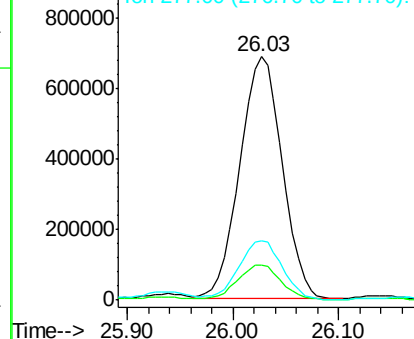
276 100

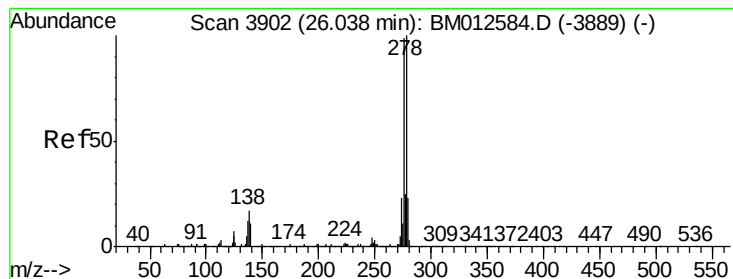
138 14.2 9.3 13.9#

277 24.2 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





#90

Dibenzo(a,h)anthracene

Concen: 3.28 ng/ul

RT: 26.03 min Scan# 3901

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

Instrument :

BNA_M

ClientSampleId :

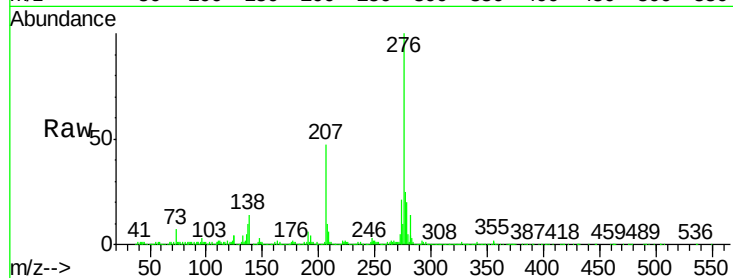
Tot Ion:278 Resp: 442454

Ion Ratio Lower Upper

278 100

139 0.0 5.8 8.8#

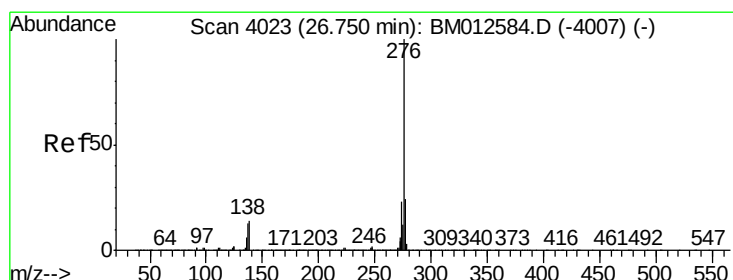
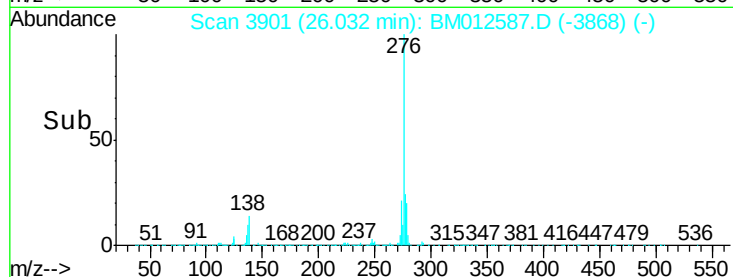
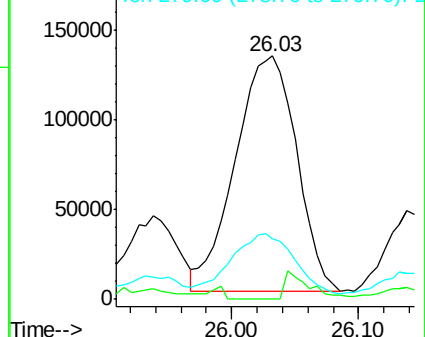
279 24.9 18.6 27.8



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#91

Benzo(g,h,i)perylene

Concen: 12.40 ng/ul

RT: 26.74 min Scan# 4022

Delta R.T. -0.01 min

Lab File: BM012587.D

Acq: 30 Oct 2017 23:26

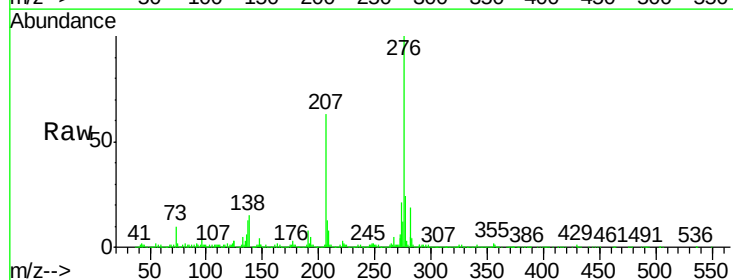
Tgt Ion:276 Resp: 1596753

Ion Ratio Lower Upper

276 100

138 14.6 8.5 12.7#

277 23.7 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

