

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA M\DATA\BM101417\
 Data File : BM012204.D
 Acq On : 15 Oct 2017 12:11
 Operator : SJ/JU
 Sample : I5548-13
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0AC9

Quant Time: Oct 16 02:02:28 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM101217.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Oct 16 01:56:01 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.81	152	152260	20.00	ng/ul	0.00
18) Naphthalene-d8	10.62	136	647061	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.46	164	412958	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.22	188	972482	20.00	ng/ul	0.00
75) Chrysene-d12	21.39	240	811411	20.00	ng/ul	0.00
83) Perylene-d12	23.72	264	748641	20.00	ng/ul	0.02

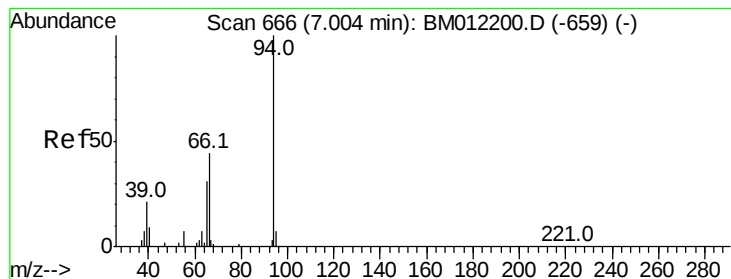
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.22	96	9135	2.85	ng/uL	0.00
5) Phenol-d5	6.99	99	196141	15.88	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.14	67	107996	14.58	ng/ul	0.00
9) 2-Chlorophenol-d4	7.35	132	182310	17.40	ng/ul	0.00
13) 4-Methylphenol-d8	8.53	113	160388	15.08	ng/ul	0.00
19) Nitrobenzene-d5	8.98	128	85044	17.22	ng/ul	0.00
22) 2-Nitrophenol-d4	9.70	143	99102	17.18	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.25	165	203623	18.49	ng/ul	0.01
29) 4-Chloroaniline-d4	10.86	131	1512	0.15	ng/ul	0.11
43) Dimethylphthalate-d6	13.87	166	678679	18.59	ng/ul	0.00
46) Acenaphthylene-d8	14.16	160	850762	19.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.70	143	62454	11.38	ng/ul	0.01
57) Fluorene-d10	15.46	176	603658	20.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	25713	3.85	ng/ul	0.01
70) Anthracene-d10	17.32	188	931772	19.38	ng/ul	0.00
76) Pyrene-d10	19.61	212	938753	22.79	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.56	264	687573	19.05	ng/ul	0.01

Target Compounds

					Ovalue	
6) Phenol	7.02	94	19417	1.520	ng/ul#	89
44) Dimethylphthalate	13.92	163	289556	7.919	ng/ul	99
69) Phenanthrene	17.26	178	185075	3.345	ng/ul	99
71) Anthracene	17.26	178	185199	3.234	ng/ul	99
74) Fluoranthene	19.27	202	957512	14.342	ng/ul#	96
77) Pyrene	19.64	202	817110	15.248	ng/ul#	96
80) Benzo(a)anthracene	21.43	228	680016	12.880	ng/ul	94
81) Bis(2-ethylhexyl)phthalate	21.29	149	663323	18.532	ng/ul	100
82) Chrysene	21.43	228	680016	13.718	ng/ul	97
85) Benzo(b)fluoranthene	23.02	252	1111377	22.748	ng/ul#	95
86) Benzo(k)fluoranthene	23.02	252	1111377	23.606	ng/ul#	93
88) Benzo(a)pyrene	23.62	252	551821	11.984	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	26.09	276	511261	10.456	ng/ul#	96
90) Dibenzo(a,h)anthracene	26.08	278	119298	2.902	ng/ul#	71
91) Benzo(g,h,i)perylene	26.82	276	482558	12.049	ng/ul#	93

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



#6

Phenol

Concen: 1.520 ng/ul

RT: 7.02 min Scan# 668

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

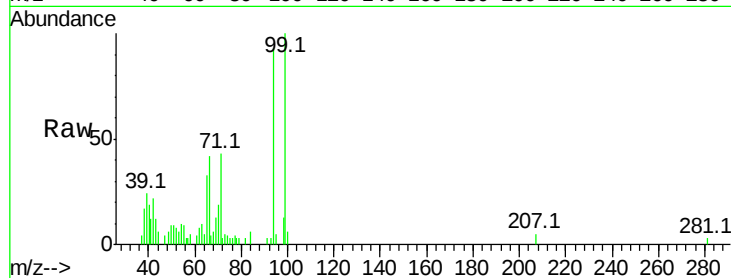
Tot Ion: 94 Resp: 19417

Ion Ratio Lower Upper

94 100

65 35.3 28.2 42.4

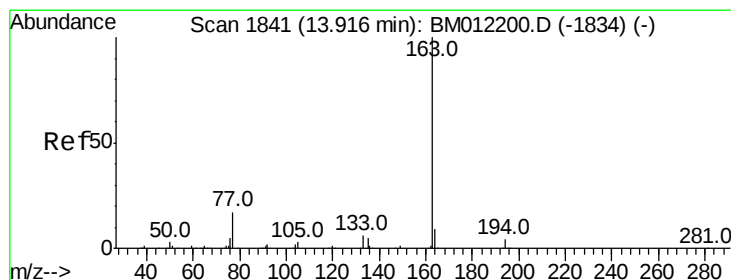
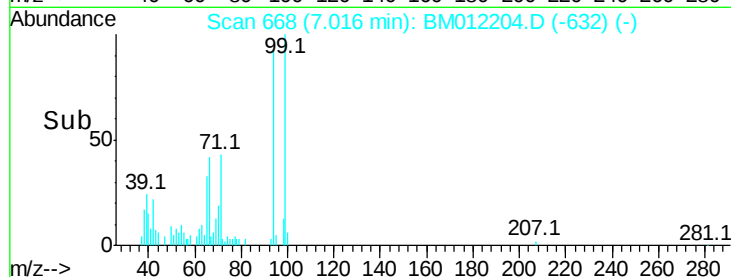
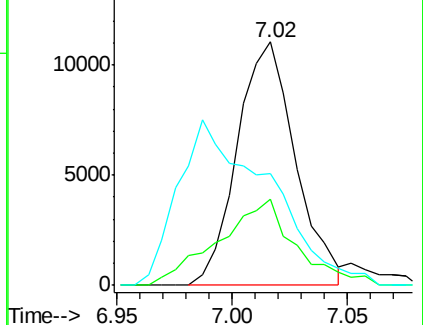
66 45.7 47.2 70.8#



Abundance Ion 94.00 (93.70 to 94.70): BM012200.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM012200.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM012200.D (-659) (-)



#44

Dimethylphthalate

Concen: 7.919 ng/ul

RT: 13.92 min Scan# 1841

Delta R.T. 0.00 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

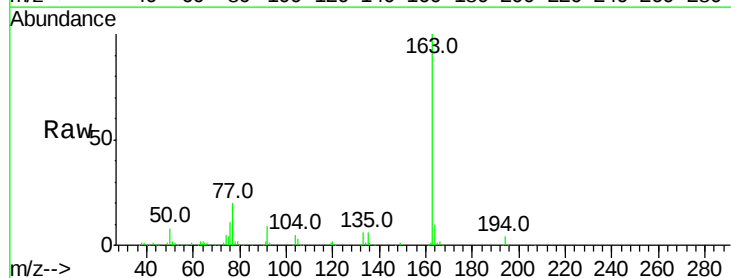
Tgt Ion:163 Resp: 289556

Ion Ratio Lower Upper

163 100

194 4.4 3.5 5.3

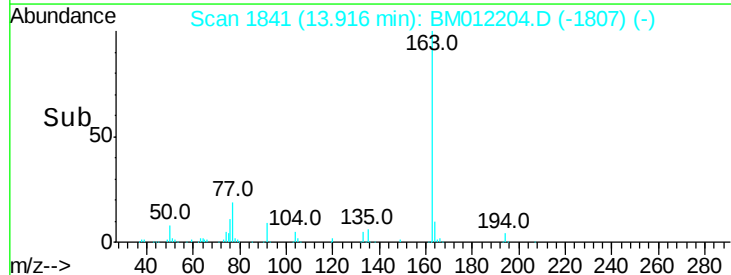
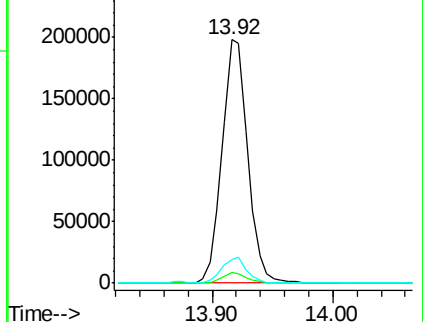
164 9.6 8.2 12.4

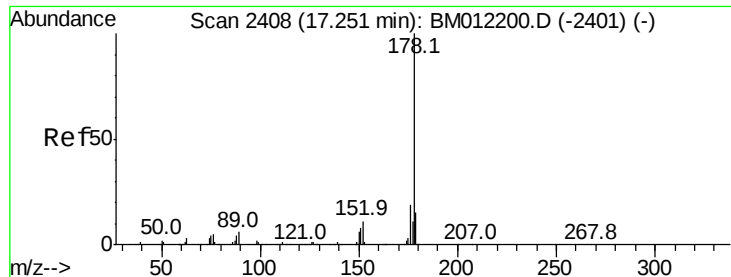


Abundance Ion 163.00 (162.70 to 163.70): BM012200.D (-1834) (-)

Ion 194.00 (193.70 to 194.70): BM012200.D (-1834) (-)

Ion 164.00 (163.70 to 164.70): BM012200.D (-1834) (-)





#69

Phenanthrene

Concen: 3.345 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

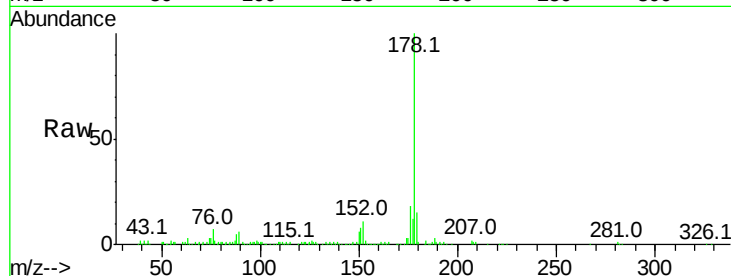
Tot Ion:178 Resp: 185075

Ion Ratio Lower Upper

178 100

179 15.5 12.6 19.0

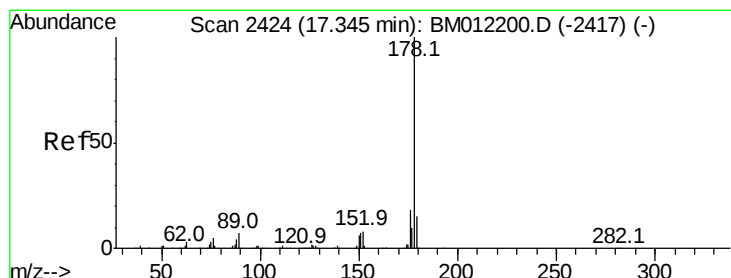
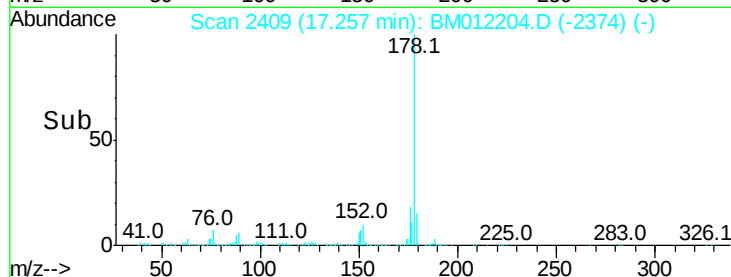
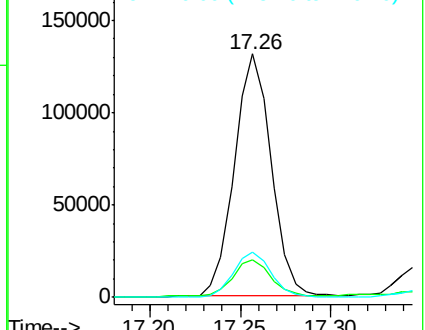
176 18.4 14.9 22.3



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: 3.234 ng/ul

RT: 17.26 min Scan# 2409

Delta R.T. -0.09 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

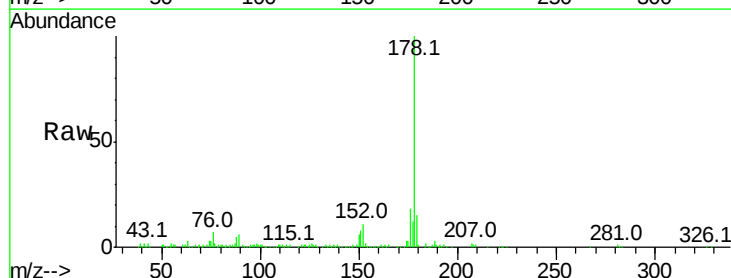
Tgt Ion:178 Resp: 185199

Ion Ratio Lower Upper

178 100

179 15.5 11.7 17.5

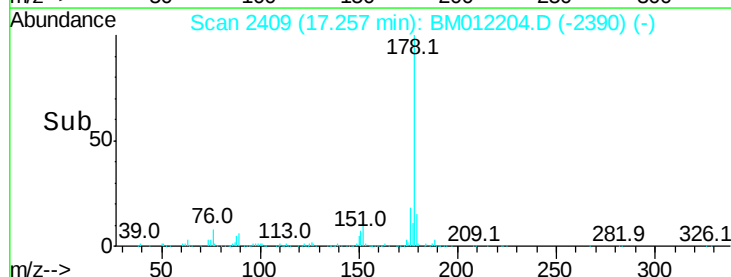
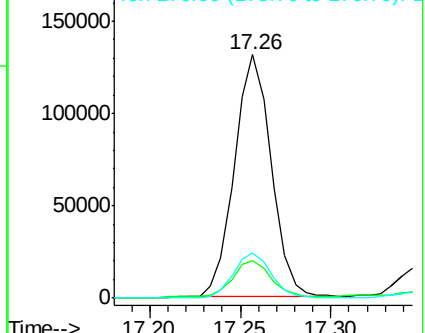
176 18.4 14.6 21.8

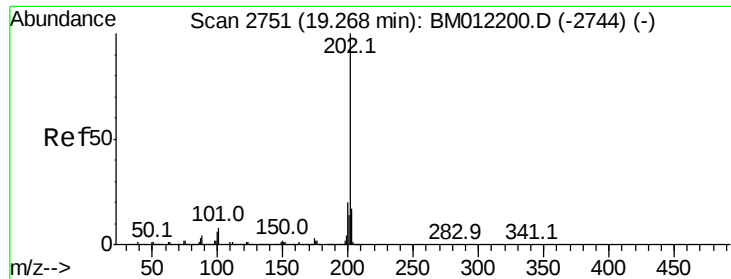


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#74

Fluoranthene

Concen: 14.342 ng/ul

RT: 19.27 min Scan# 2752

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

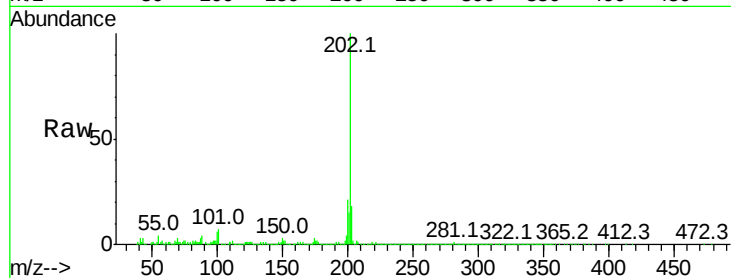
Tot Ion:202 Resp: 957512

Ion Ratio Lower Upper

202 100

101 7.2 4.6 7.0#

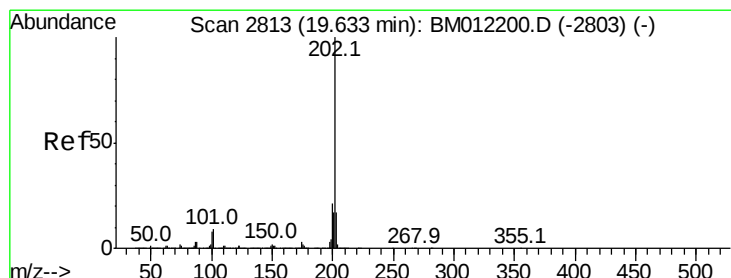
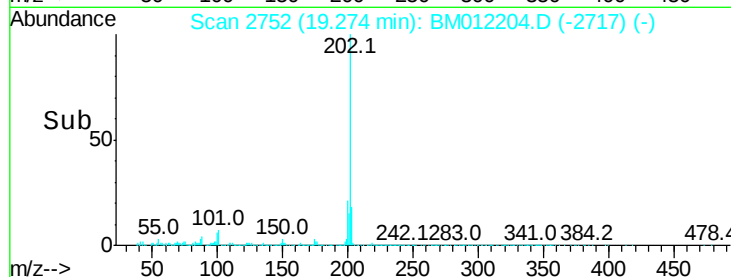
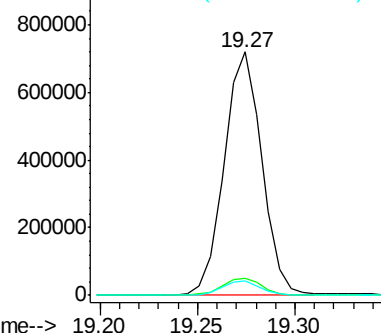
100 5.7 3.4 5.2#



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

Pyrene

Concen: 15.248 ng/ul

RT: 19.64 min Scan# 2814

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

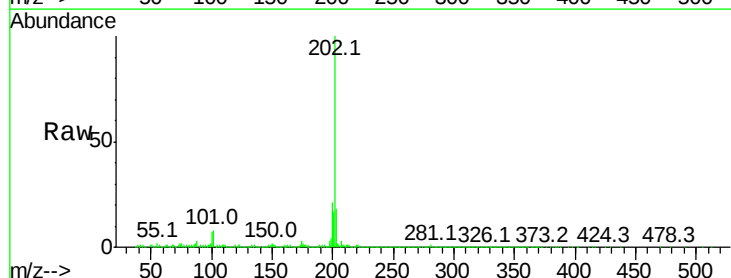
Tgt Ion:202 Resp: 817110

Ion Ratio Lower Upper

202 100

101 8.0 5.1 7.7#

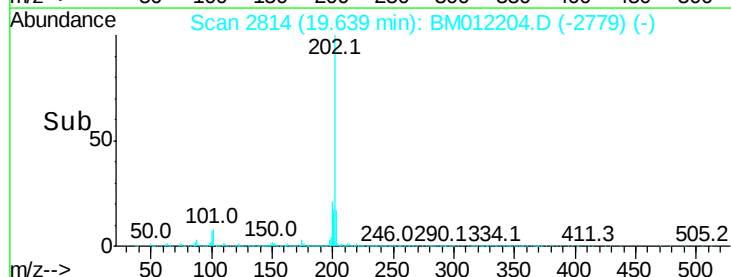
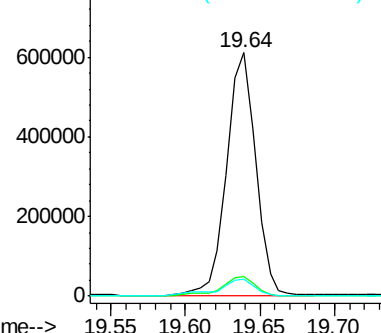
100 7.1 4.9 7.3

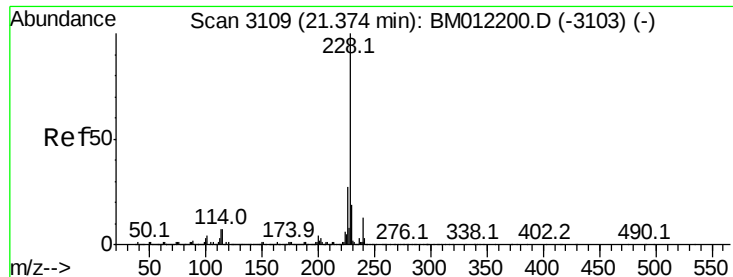


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#80

Benzo(a)anthracene

Concen: 12.880 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.06 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

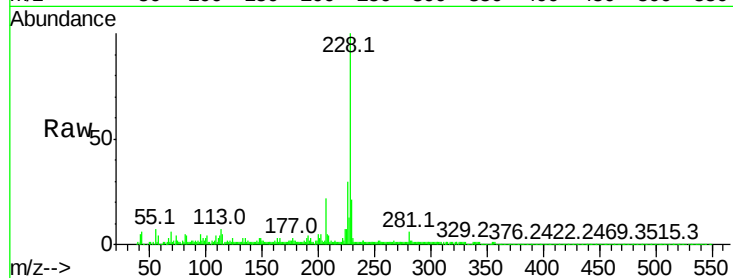
Tot Ion:228 Resp: 680016

Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.4	23.0
226	30.1	21.4	32.0

228 100

229 21.3 15.4 23.0

226 30.1 21.4 32.0

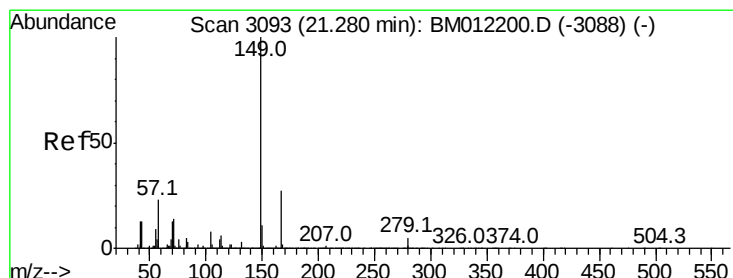
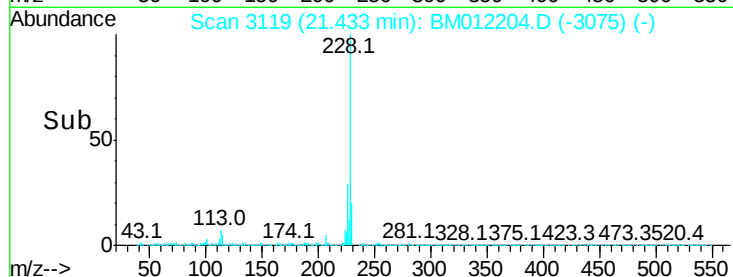
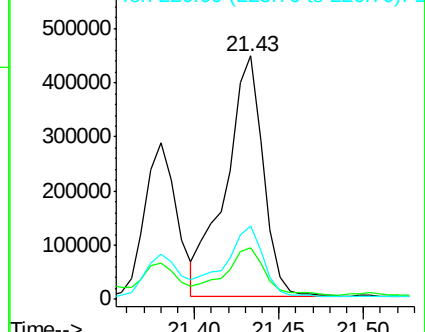


Abundance

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: 18.532 ng/ul

RT: 21.29 min Scan# 3094

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

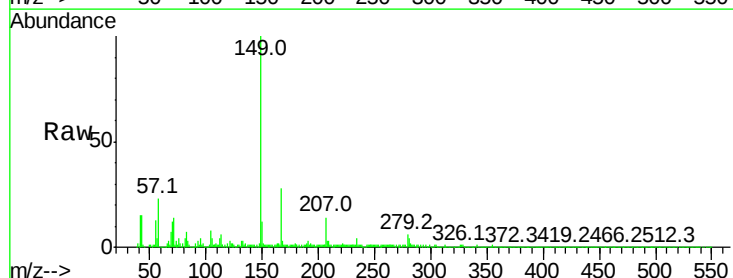
Tgt Ion:149 Resp: 663323

Ion	Ratio	Lower	Upper
149	100		
167	28.4	22.8	34.2
279	5.7	4.9	7.3

149 100

167 28.4 22.8 34.2

279 5.7 4.9 7.3

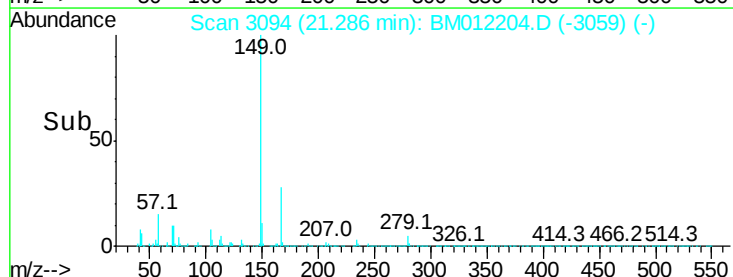
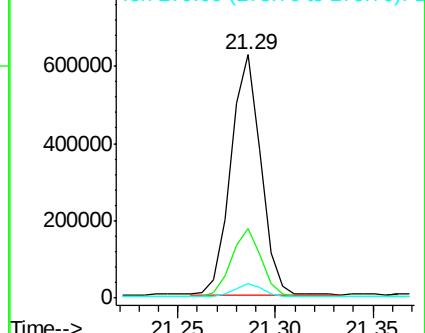


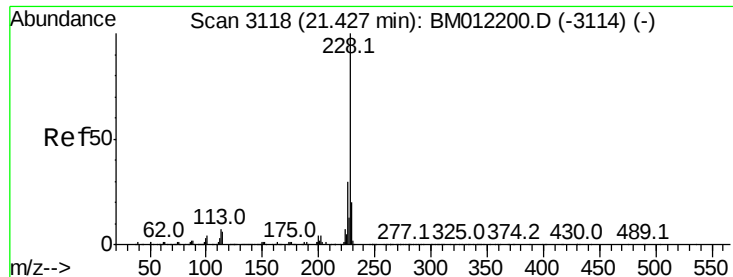
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#82

Chrysene

Concen: 13.718 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. 0.01 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

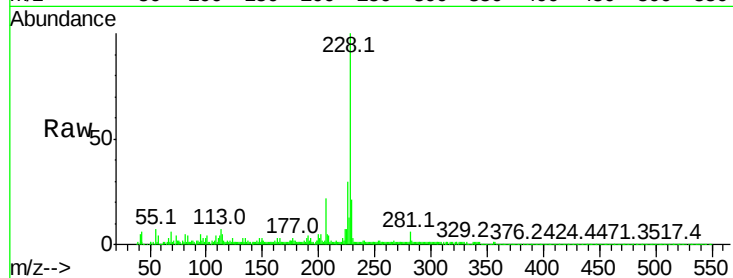
BNA_M

ClientSampleId :

C0AC9

Tot Ion:228 Resp: 680016

Ion	Ratio	Lower	Upper
228	100		
226	30.1	23.4	35.2
229	21.3	15.5	23.3

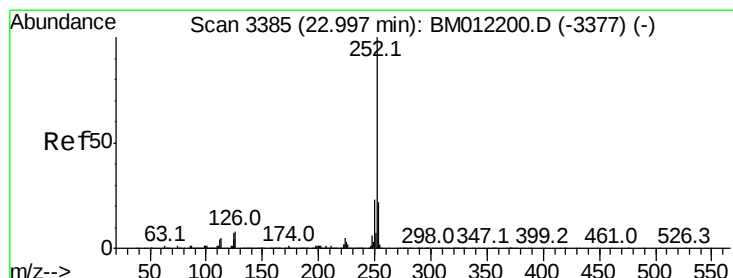
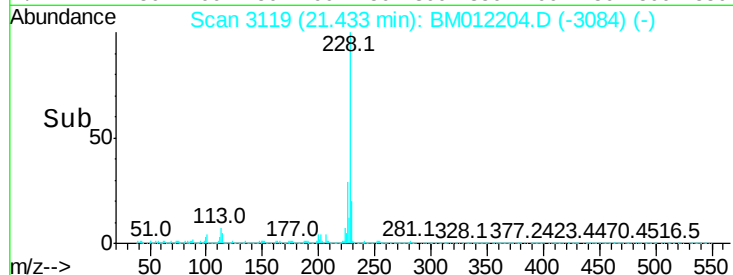
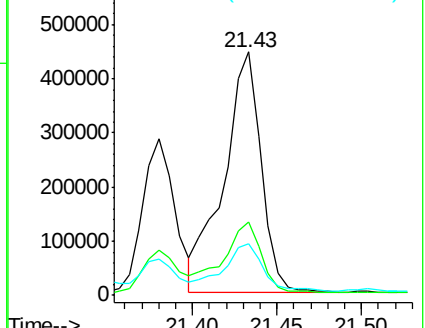


Abundance

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: 22.748 ng/ul

RT: 23.02 min Scan# 3388

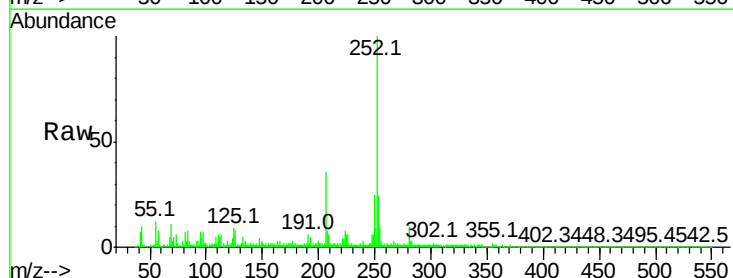
Delta R.T. 0.02 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Tgt Ion:252 Resp: 1111377

Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.9	26.9
125	9.3	3.6	5.4

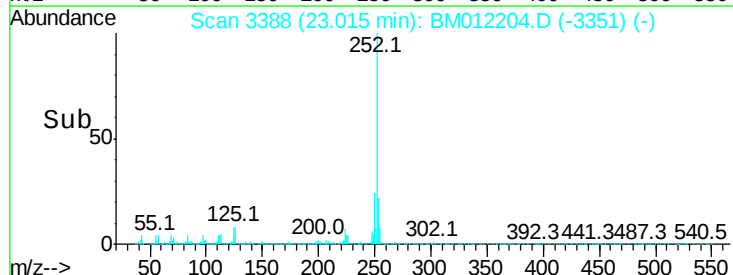
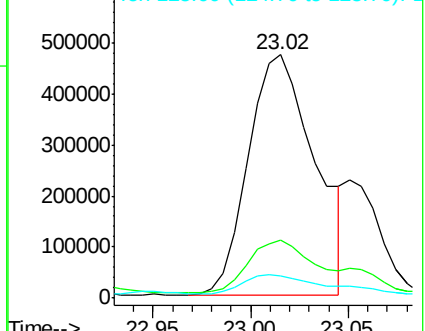


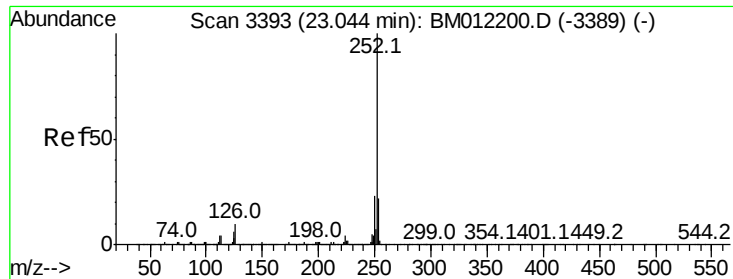
Abundance

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: 23.606 ng/ul

RT: 23.02 min Scan# 3388

Delta R.T. -0.03 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

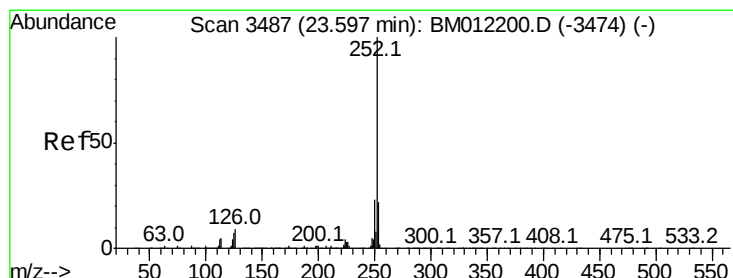
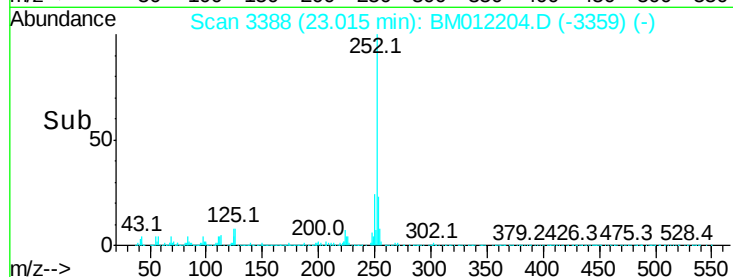
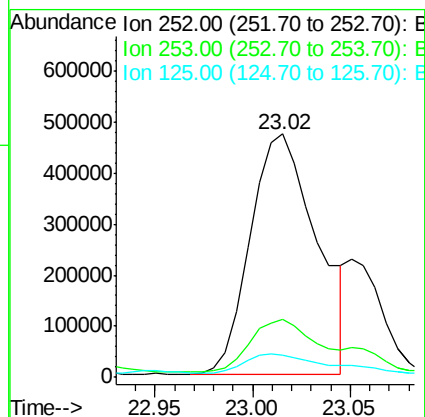
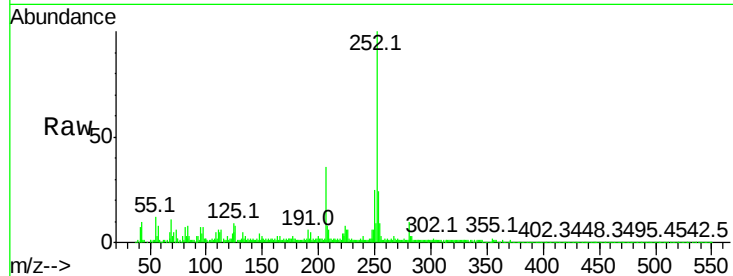
Tot Ion:252 Resp: 1111377

Ion Ratio Lower Upper

252 100

253 23.7 17.1 25.7

125 9.3 3.4 5.2#



#88

Benzo(a)pyrene

Concen: 11.984 ng/ul

RT: 23.62 min Scan# 3490

Delta R.T. 0.02 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

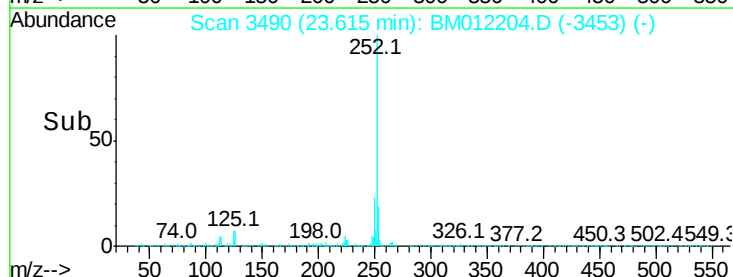
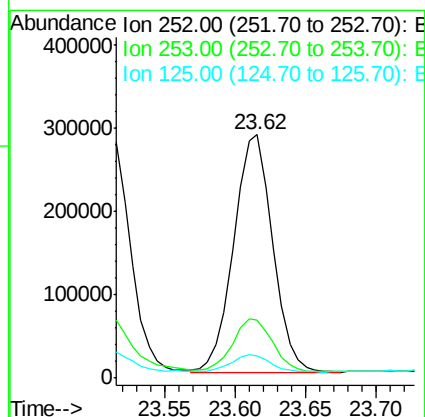
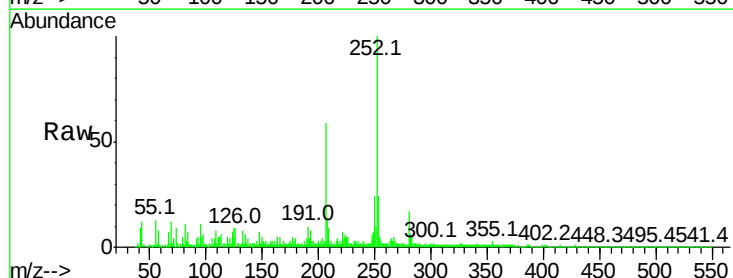
Tgt Ion:252 Resp: 551821

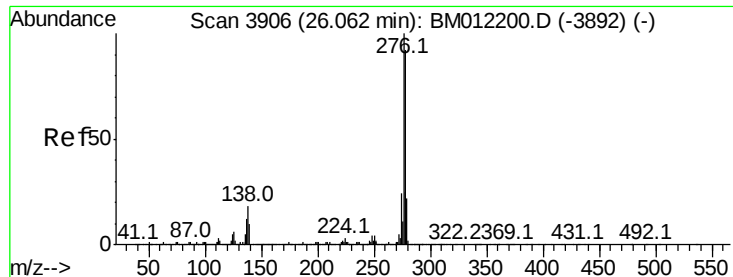
Ion Ratio Lower Upper

252 100

253 23.6 18.2 27.2

125 9.2 4.0 6.0#



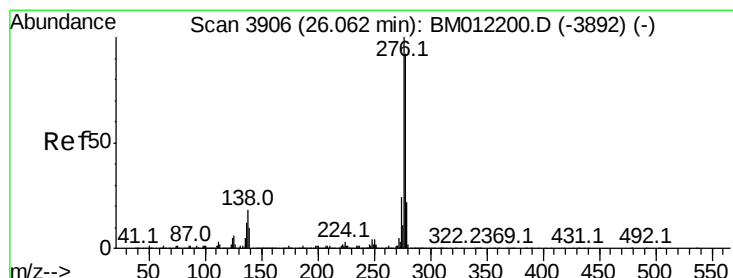
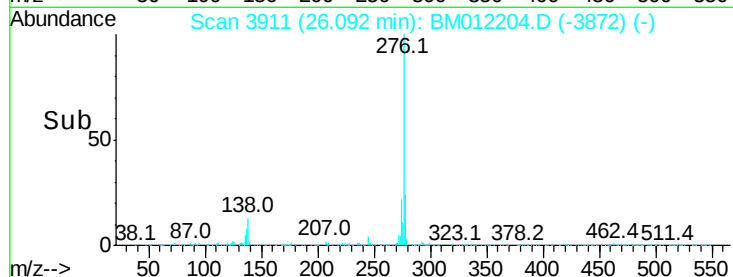
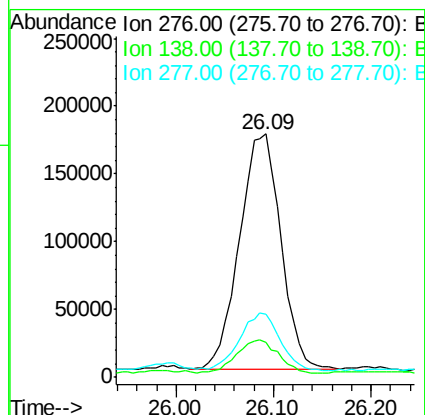
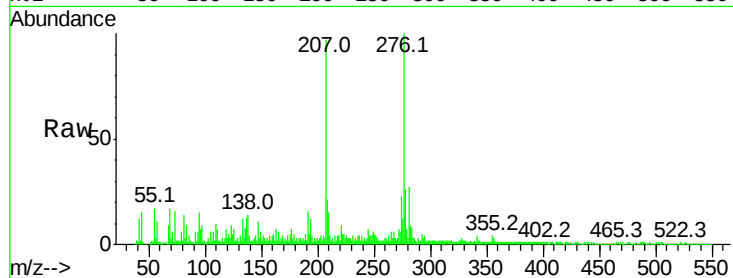


#89

Indeno(1,2,3-cd)pyrene
Concen: 10.456 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. 0.03 min
Lab File: BM012204.D
Acq: 15 Oct 2017 12:11

Instrument :
BNA_M
ClientSampleId :
C0AC9

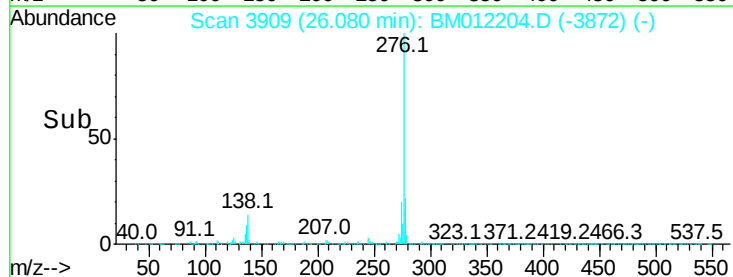
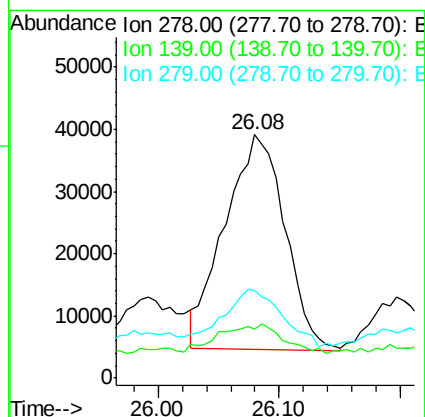
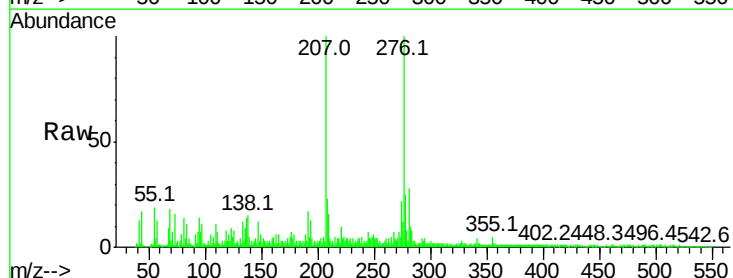
Tot Ion	Ratio	Lower	Upper
276	100		
138	14.3	9.3	13.9#
277	26.1	19.9	29.9

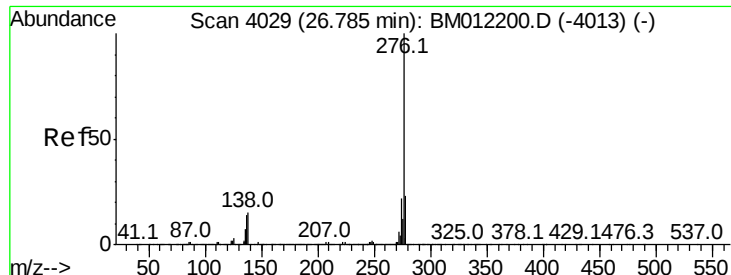


#90

Dibenzo(a,h)anthracene
Concen: 2.902 ng/ul
RT: 26.08 min Scan# 3909
Delta R.T. 0.02 min
Lab File: BM012204.D
Acq: 15 Oct 2017 12:11

Tgt Ion	Ratio	Lower	Upper
278	100		
139	20.2	5.8	8.8#
279	36.1	18.6	27.8#





#91

Benzo(a,h,i)perylene

Concen: 12.049 ng/ul

RT: 26.82 min Scan# 4035

Delta R.T. 0.04 min

Lab File: BM012204.D

Acq: 15 Oct 2017 12:11

Instrument :

BNA_M

ClientSampleId :

C0AC9

Tot Ion:276 Resp: 482558

Ion Ratio Lower Upper

276 100

138 15.0 8.5 12.7#

277 26.0 18.6 28.0

