

Data Path : Z:\HPCHEM1\BNA_M\DATA\BM060917\
 Data File : BM010474.D
 Acq On : 10 Jun 2017 03:27
 Operator : SJ/MA
 Sample : I3520-19
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F5B71

Quant Time: Jun 10 04:02:10 2017
 Quant Method : Z:\HPCHEM1\BNA_M\Methods\SOM-EPA-BM052717.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Jun 10 02:32:05 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.90	152	283327	20.00	ng/ul	0.00
18) Naphthalene-d8	10.70	136	1082161	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.54	164	730889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.29	188	1764485	20.00	ng/ul	0.00
75) Chrysene-d12	21.45	240	1856694	20.00	ng/ul	0.00
83) Perylene-d12	23.79	264	1757234	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.38	96	17485	2.53	ng/uL	0.00
5) Phenol-d5	7.09	99	304263	14.17	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.25	67	174103	14.43	ng/ul	0.00
9) 2-Chlorophenol-d4	7.44	132	268184	15.67	ng/ul	0.00
13) 4-Methylphenol-d8	8.62	113	266579	15.39	ng/ul	0.00
19) Nitrobenzene-d5	9.09	128	131477	16.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.80	143	159602	17.38	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.33	165	319205	16.92	ng/ul	0.00
29) 4-Chloroaniline-d4	10.87	131	319493	17.55	ng/ul	0.00
43) Dimethylphthalate-d6	13.95	166	1107293	18.23	ng/ul	0.00
46) Acenaphthylene-d8	14.24	160	1214735	17.15	ng/ul	0.00
51) 4-Nitrophenol-d4	14.83	143	4247	0.47	ng/ul	0.05
57) Fluorene-d10	15.53	176	949795	17.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.66	200	154082	12.33	ng/ul	0.00
70) Anthracene-d10	17.39	188	1498164	17.45	ng/ul	0.00
76) Pyrene-d10	19.67	212	1659089	21.61	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.64	264	1401216	17.13	ng/ul	0.00

Target Compounds

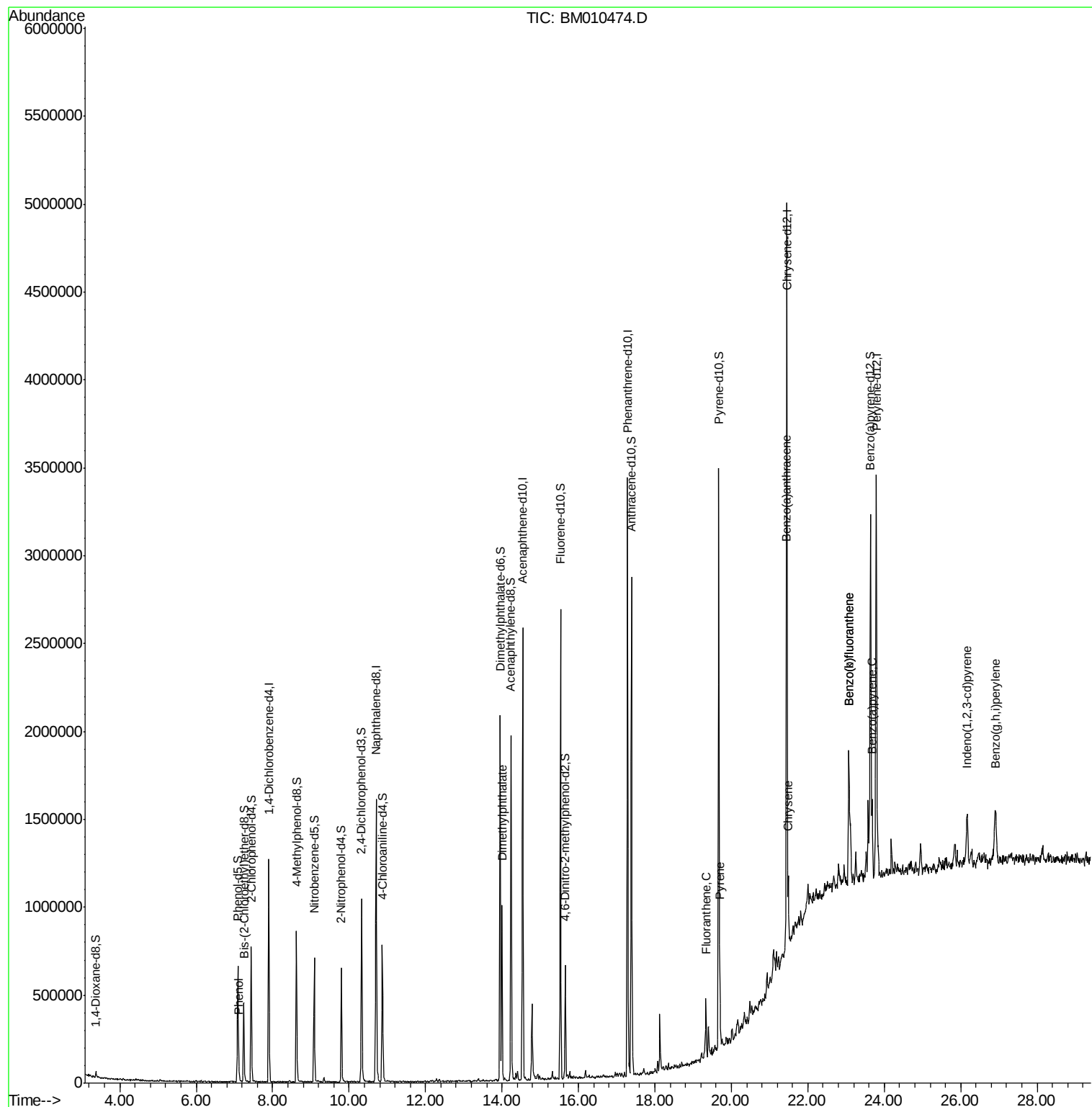
					Qvalue
6) Phenol	7.12	94	25819	1.173 ng/ul#	88
44) Dimethylphthalate	14.00	163	532827	8.922 ng/ul	98
74) Fluoranthene	19.33	202	199757	1.724 ng/ul#	97
77) Pyrene	19.70	202	288989	3.020 ng/ul#	92
80) Benzo(a)anthracene	21.43	228	226429	2.163 ng/ul	99
82) Chrysene	21.49	228	269281	2.845 ng/ul	96
85) Benzo(b)fluoranthene	23.07	252	640071	6.260 ng/ul	98
86) Benzo(k)fluoranthene	23.07	252	640071	6.553 ng/ul	97
88) Benzo(a)pyrene	23.69	252	323812	3.195 ng/ul	98
89) Indeno(1,2,3-cd)pyrene	26.17	276	299972	2.343 ng/ul#	98
91) Benzo(g,h,i)perylene	26.91	276	248988	2.360 ng/ul	99

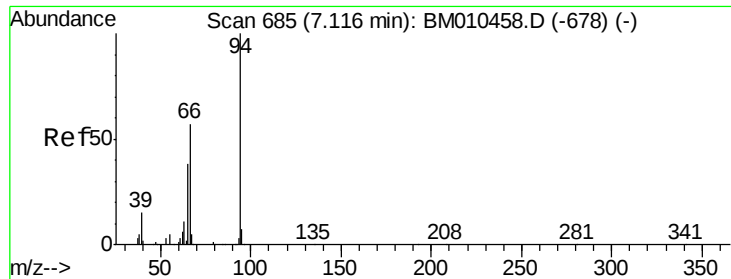
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#6

Phenol

Concen: 1.173 ng/ul

RT: 7.12 min Scan# 685

Delta R.T. 0.00 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Instrument :

BNA_M

ClientSampleId :

F5B71

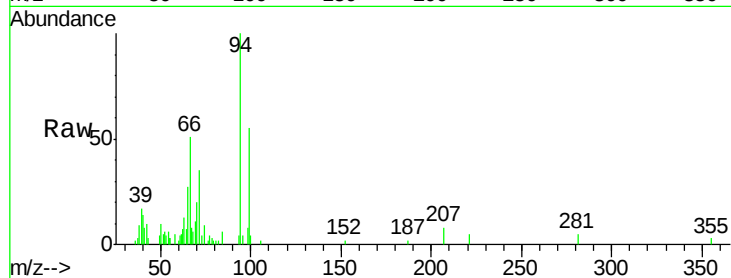
Tgt Ion: 94 Resp: 25819

Ion Ratio Lower Upper

94 100

65 27.3 28.2 42.4#

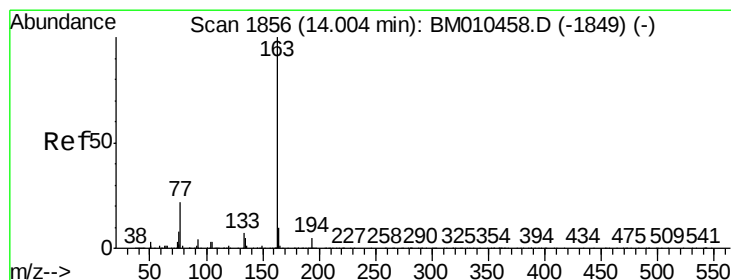
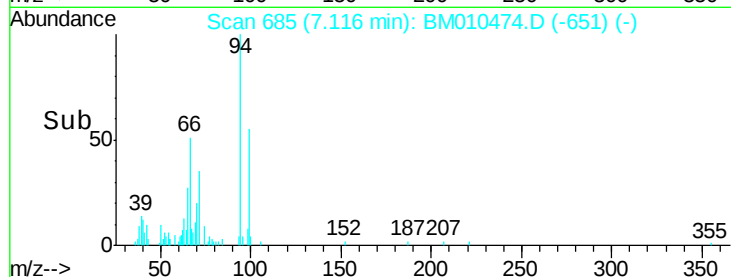
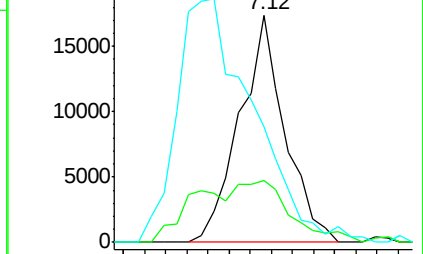
66 50.7 47.2 70.8



Abundance Ion 94.00 (93.70 to 94.70): BM010474.D (-651) (-)

Ion 65.00 (64.70 to 65.70): BM010474.D (-651) (-)

Ion 66.00 (65.70 to 66.70): BM010474.D (-651) (-)



#44

Dimethylphthalate

Concen: 8.922 ng/ul

RT: 14.00 min Scan# 1855

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

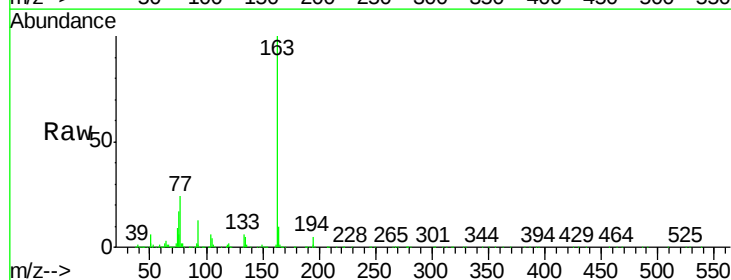
Tgt Ion: 163 Resp: 532827

Ion Ratio Lower Upper

163 100

194 5.0 3.5 5.3

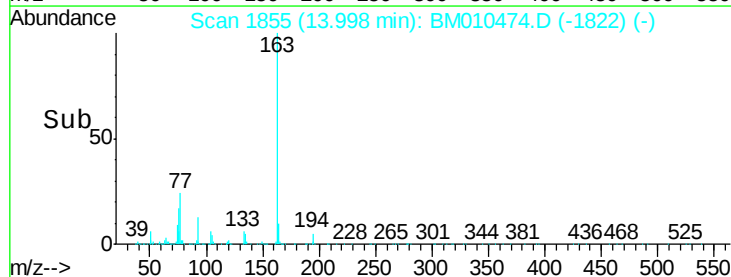
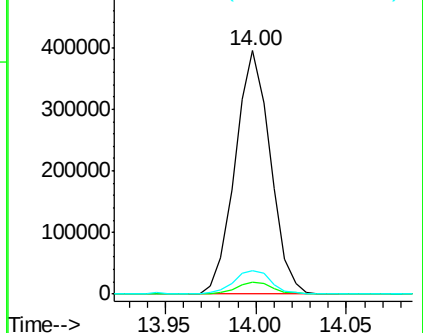
164 9.6 8.2 12.4

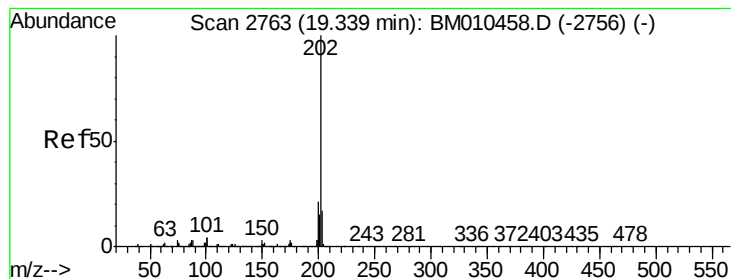


Abundance Ion 163.00 (162.70 to 163.70): BM010474.D (-1822) (-)

Ion 194.00 (193.70 to 194.70): BM010474.D (-1822) (-)

Ion 164.00 (163.70 to 164.70): BM010474.D (-1822) (-)





#74

Fluoranthene

Concen: 1.724 ng/ul

RT: 19.33 min Scan# 2762

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

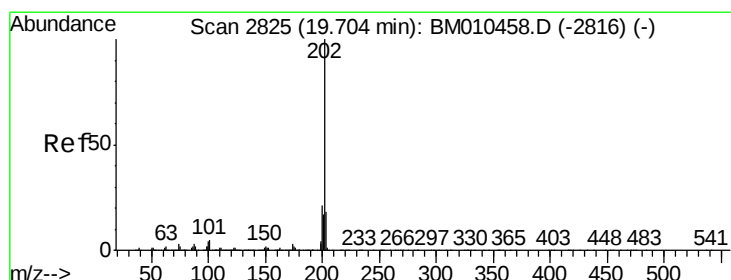
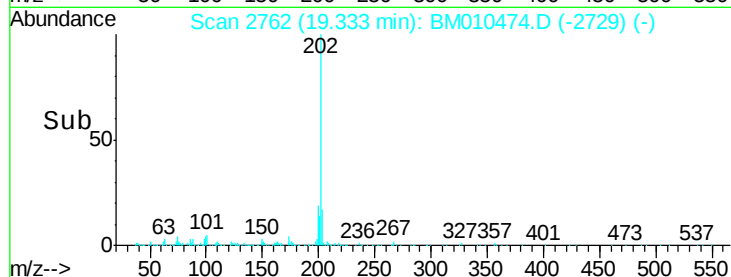
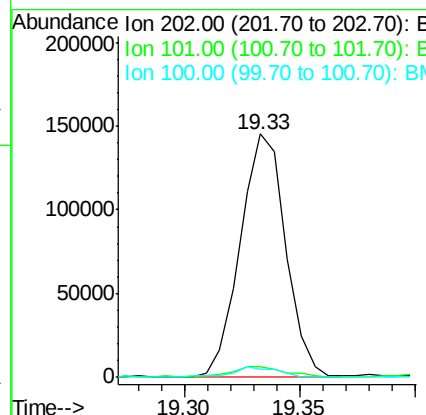
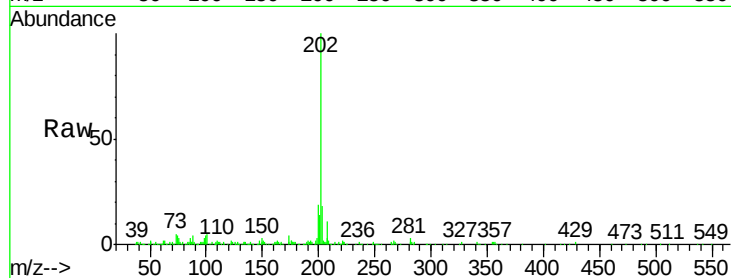
Instrument :

BNA_M

ClientSampleId :

F5B71

Tgt Ion:	202	Resp:	199757
Ion Ratio	Lower	Upper	
202	100		
101	4.6	4.6	7.0#
100	3.5	3.4	5.2



#77

Pyrene

Concen: 3.020 ng/ul

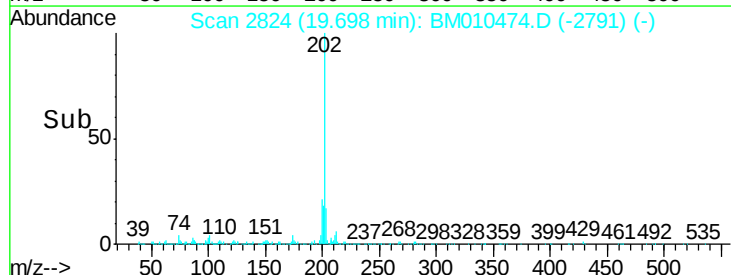
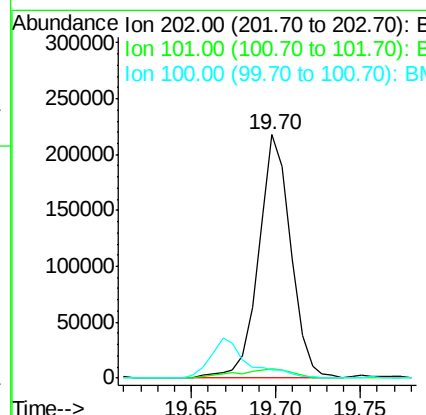
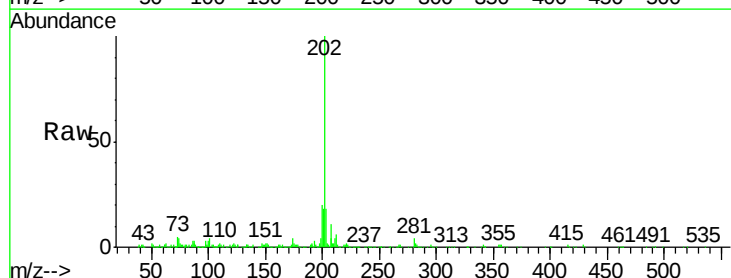
RT: 19.70 min Scan# 2824

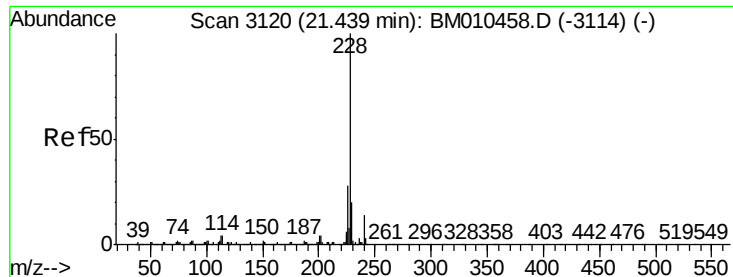
Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Tgt Ion:	202	Resp:	288989
Ion Ratio	Lower	Upper	
202	100		
101	4.0	5.1	7.7#
100	3.4	4.9	7.3#





#80

Benzo(a)anthracene

Concen: 2.163 ng/ul

RT: 21.43 min Scan# 3119

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

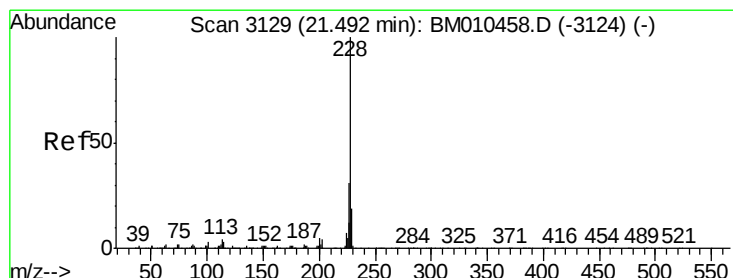
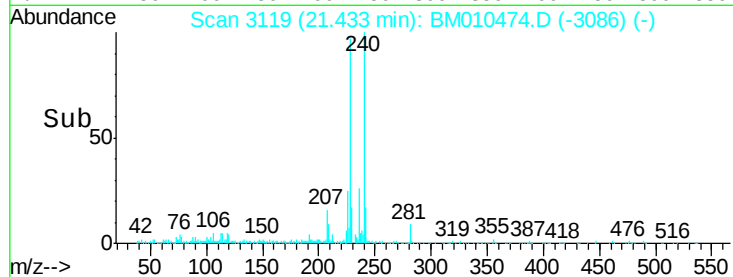
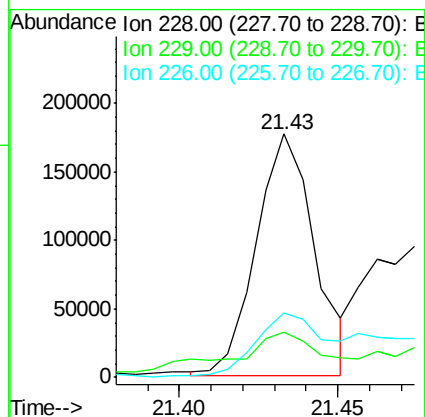
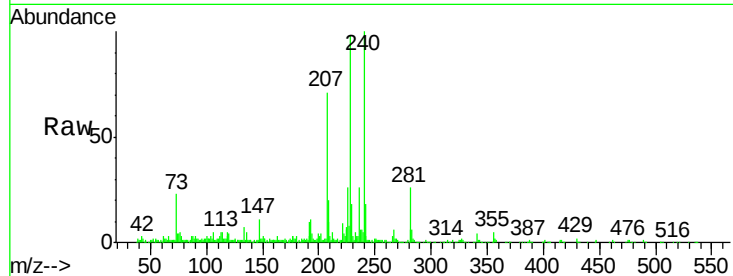
Instrument :

BNA_M

ClientSampled :

F5B71

Tgt Ion:	228	Resp:	226429
Ion	Ratio	Lower	Upper
228	100		
229	18.6	15.4	23.0
226	26.7	21.4	32.0



#82

Chrysene

Concen: 2.845 ng/ul

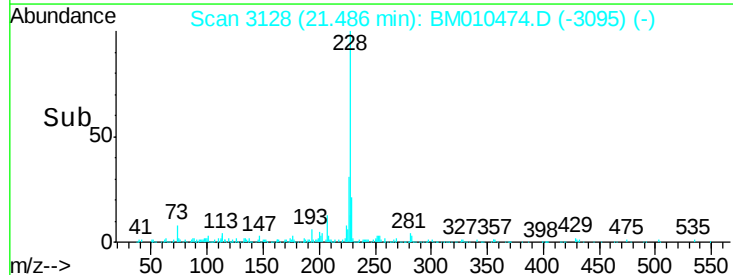
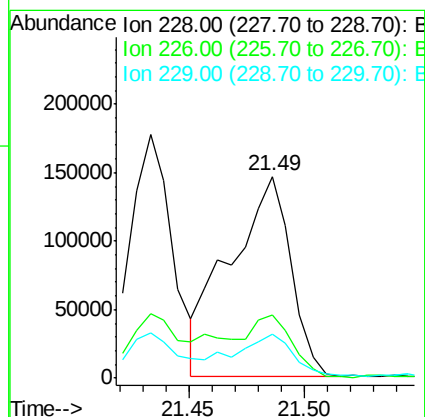
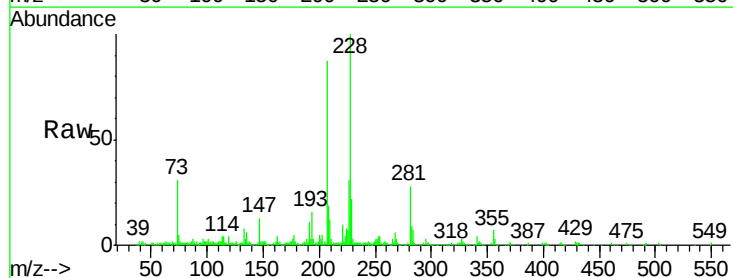
RT: 21.49 min Scan# 3128

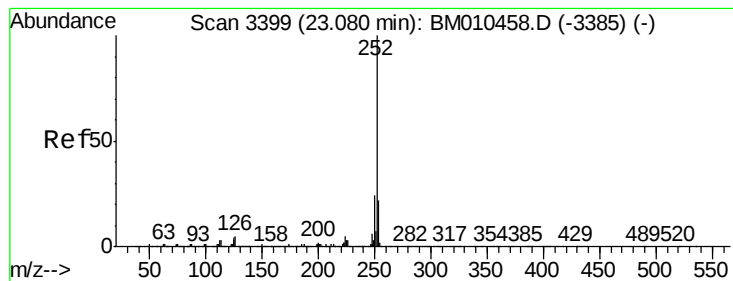
Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Tgt Ion:	228	Resp:	269281
Ion	Ratio	Lower	Upper
228	100		
226	31.4	23.4	35.2
229	21.7	15.5	23.3





#85

Benzo(b)fluoranthene

Concen: 6.260 ng/u1

RT: 23.07 min Scan# 3398

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

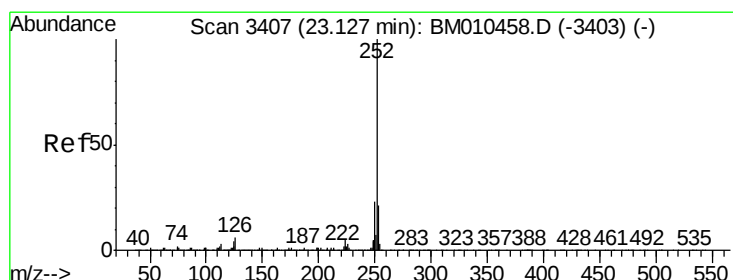
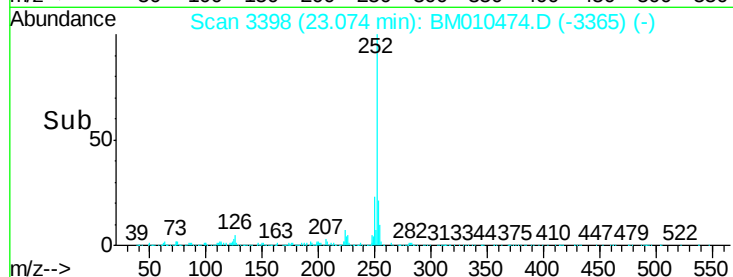
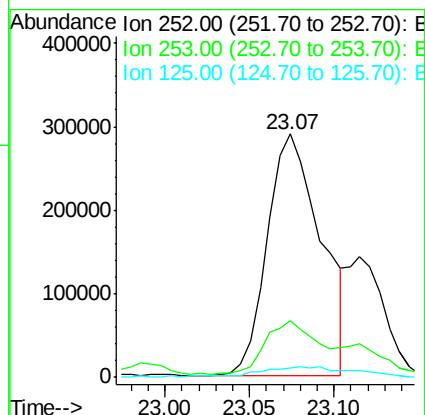
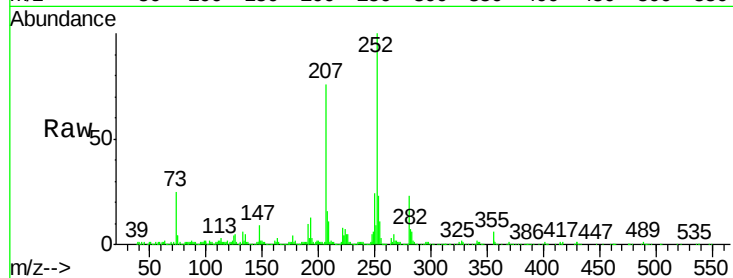
Instrument :

BNA_M

ClientSampleId :

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Tgt Ion:	252	Resp:	640071
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.9	26.9
125	3.7	3.6	5.4



#86

Benzo(k)fluoranthene

Concen: 6.553 ng/u1

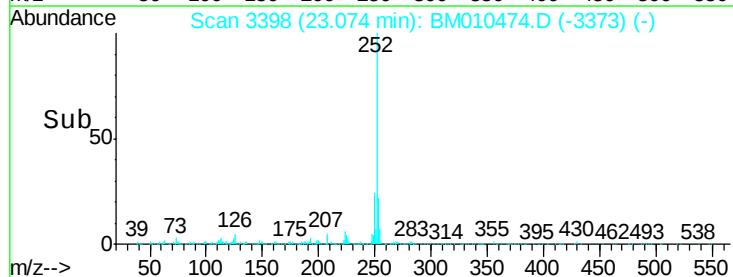
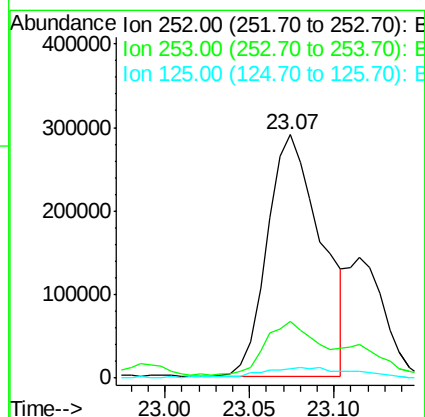
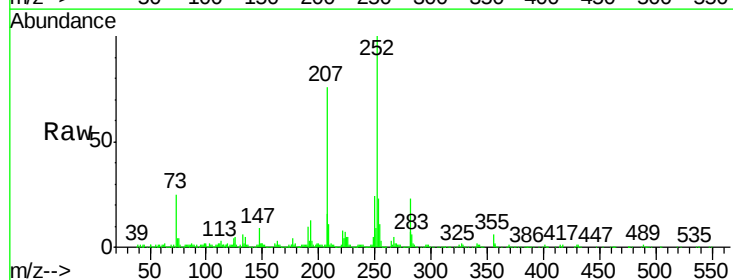
RT: 23.07 min Scan# 3398

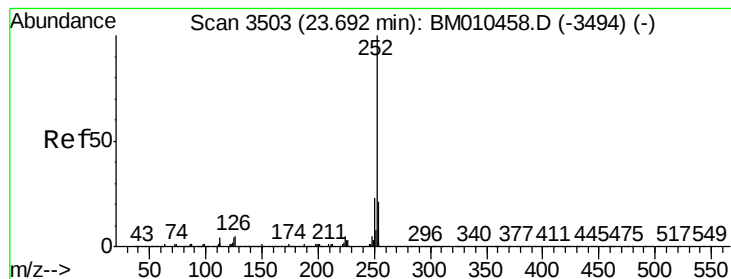
Delta R.T. -0.05 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Tgt Ion:	252	Resp:	640071
Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	3.7	3.4	5.2





#88

Benzo(a)pyrene

Concen: 3.195 ng/ul

RT: 23.69 min Scan# 3502

Delta R.T. -0.01 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

Instrument :

BNA_M

ClientSampleId :

F5B71

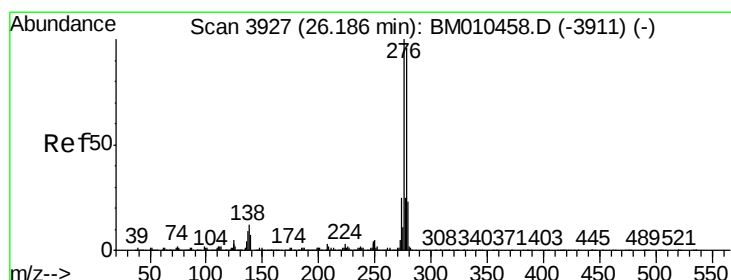
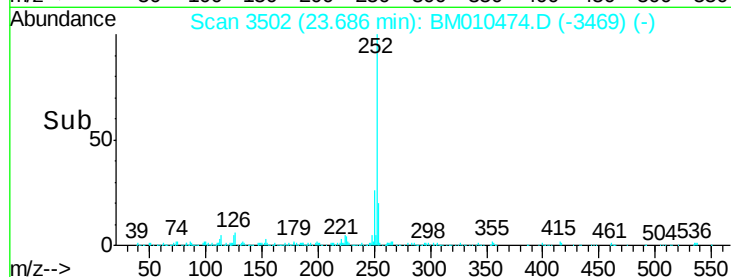
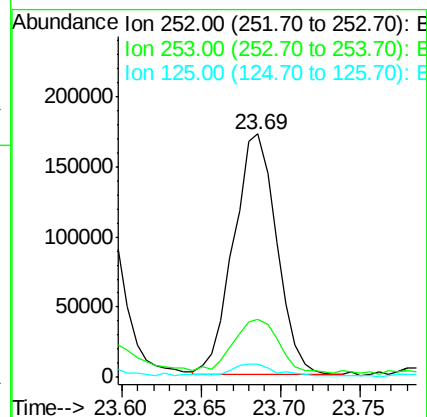
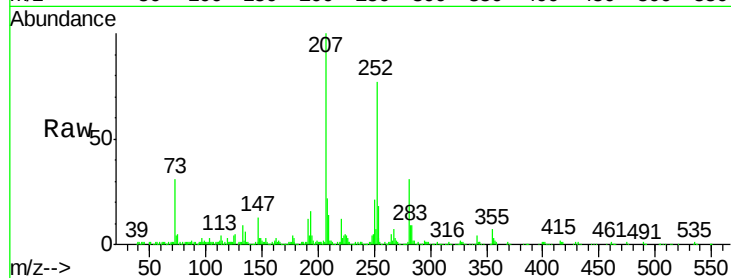
Tgt Ion: 252 Resp: 323812

Ion Ratio Lower Upper

252 100

253 23.7 18.2 27.2

125 5.4 4.0 6.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 2.343 ng/ul

RT: 26.17 min Scan# 3924

Delta R.T. -0.02 min

Lab File: BM010474.D

Acq: 10 Jun 2017 03:27

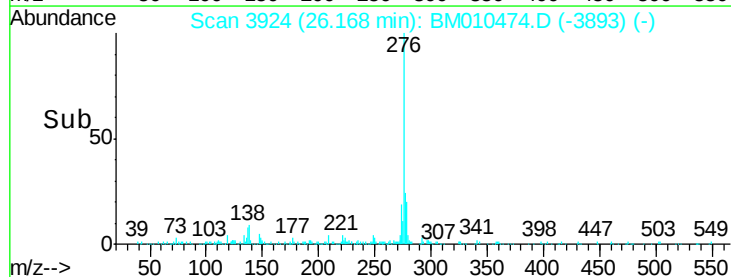
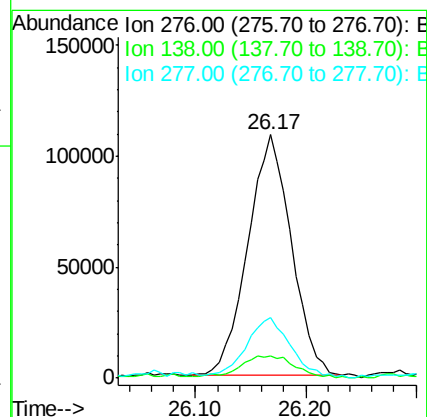
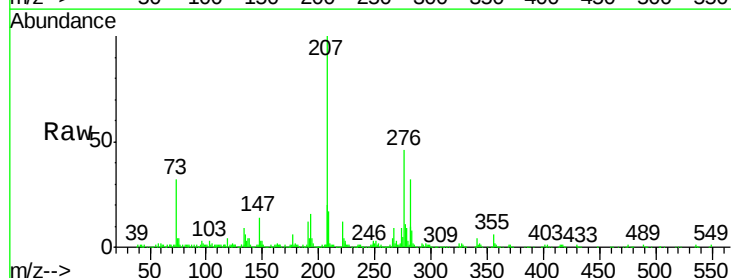
Tgt Ion: 276 Resp: 299972

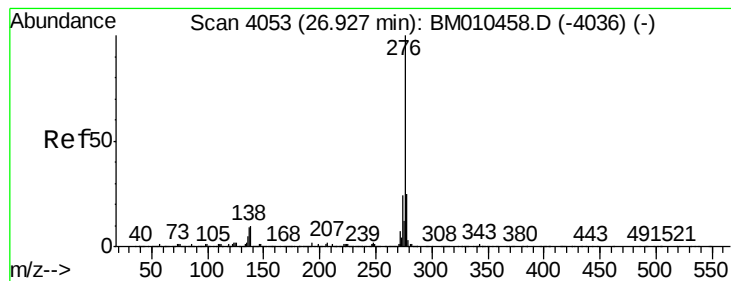
Ion Ratio Lower Upper

276 100

138 9.2 9.3 13.9#

277 24.8 19.9 29.9





#91

Benzo(g,h,i)perylene

Concen: 2.360 ng/ul

RT: 26.91 min Scan# 4050

Delta R.T. -0.02 min

Lab File: BM010474.D

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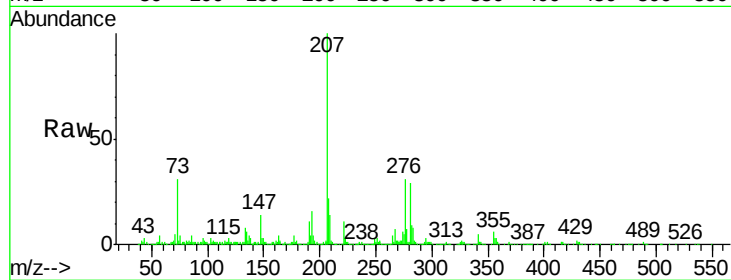
Tgt Ion: 276 Resp: 248988

Ion Ratio Lower Upper

276 100

138 11.1 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

