

Data Path : Z:\HPCHEM1\BNA M\DATA\BM101117\
 Data File : BM012088.D
 Acq On : 12 Oct 2017 03:01
 Operator : SJ/JU
 Sample : I5649-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 12 04:28:52 2017
 Quant Method : Z:\HPCHEM1\BNA M\METHODS\SOM-EPA-BM100317.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Oct 12 04:22:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	338811	20.00	ng/ul	0.00
18) Naphthalene-d8	10.64	136	1353856	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.49	164	741495	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.23	188	1573975	20.00	ng/ul	0.00
75) Chrysene-d12	21.41	240	1678645	20.00	ng/ul	0.00
83) Perylene-d12	23.73	264	1883412	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	30894	4.31	ng/uL	0.00
5) Phenol-d5	7.00	99	664770	22.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.17	67	440402	25.53	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	602003	25.74	ng/ul	0.00
13) 4-Methylphenol-d8	8.55	113	516412	20.49	ng/ul	0.00
19) Nitrobenzene-d5	9.00	128	303605	31.49	ng/ul	0.00
22) 2-Nitrophenol-d4	9.73	143	350747	32.30	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.26	165	643878	29.34	ng/ul	0.00
29) 4-Chloroaniline-d4	10.78	131	537390	22.44	ng/ul	0.00
43) Dimethylphthalate-d6	13.89	166	2104471	32.75	ng/ul	0.00
46) Acenaphthylene-d8	14.18	160	2568088	34.01	ng/ul	0.00
51) 4-Nitrophenol-d4	14.69	143	212405	18.92	ng/ul	0.00
57) Fluorene-d10	15.48	176	1766827	31.15	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.61	200	190657	18.00	ng/ul	0.00
70) Anthracene-d10	17.33	188	2657108	34.26	ng/ul	0.00
76) Pyrene-d10	19.63	212	2952814	39.00	ng/ul	0.00
87) Benzo(a)pyrene-d12	23.58	264	3118567	34.42	ng/ul	0.00

Target Compounds

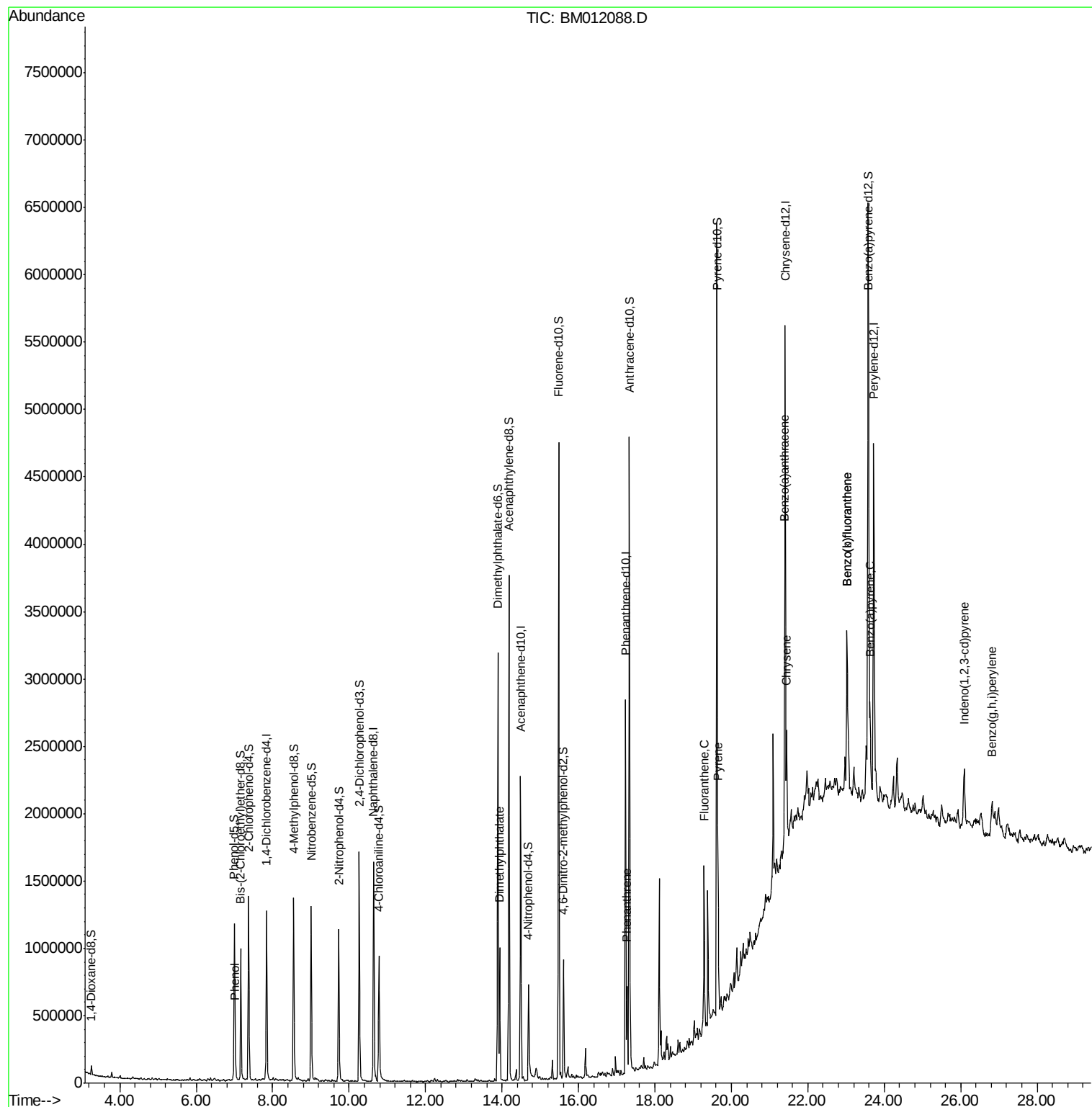
					Ovalue
6) Phenol	7.03	94	33208	1.151 ng/ul	90
44) Dimethylphthalate	13.94	163	599021	9.689 ng/ul	99
69) Phenanthrene	17.27	178	351727	4.062 ng/ul	100
74) Fluoranthene	19.29	202	699207	6.619 ng/ul#	90
77) Pyrene	19.65	202	757676	8.140 ng/ul#	89
80) Benzo(a)anthracene	21.39	228	434333	4.517 ng/ul	96
82) Chrysene	21.44	228	418741	4.583 ng/ul	96
85) Benzo(b)fluoranthene	23.03	252	545239	4.763 ng/ul#	90
86) Benzo(k)fluoranthene	23.03	252	545239	4.771 ng/ul#	88
88) Benzo(a)pyrene	23.63	252	451260	4.102 ng/ul#	93
89) Indeno(1,2,3-cd)pyrene	26.09	276	294350	2.501 ng/ul#	93
91) Benzo(g,h,i)perylene	26.82	276	288720	2.965 ng/ul#	91

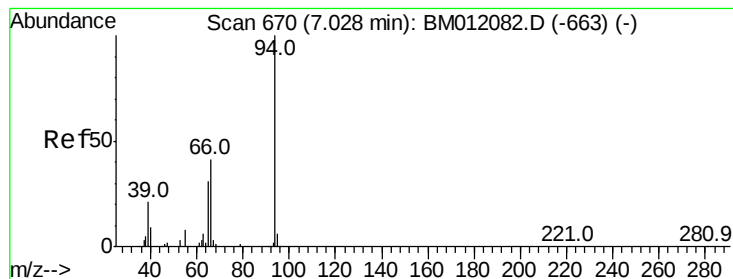
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Thu Oct 12 04:22:15 2017
Response via : Initial Calibration





#6

Phenol

Concen: 1.151 ng/ul

RT: 7.03 min Scan# 670

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

Instrument :

BNA_M

ClientSampleId :

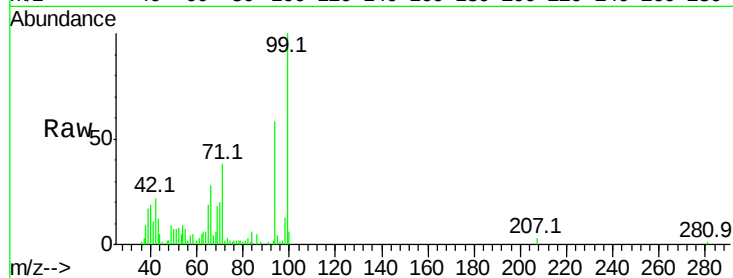
Tot Ion: 94 Resp: 33208

Ion Ratio Lower Upper

94 100

65 32.6 28.2 42.4

66 48.5 47.2 70.8



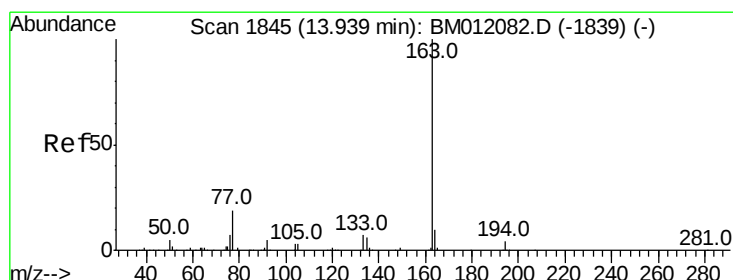
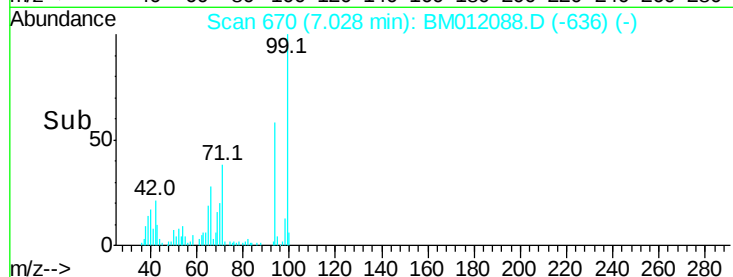
Abundance Ion 94.00 (93.70 to 94.70): BM012088.D (-663) (-)

Ion 65.00 (64.70 to 65.70): BM012088.D (-663) (-)

Ion 66.00 (65.70 to 66.70): BM012088.D (-663) (-)

7.03

Time-->



#44

Dimethylphthalate

Concen: 9.689 ng/ul

RT: 13.94 min Scan# 1845

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

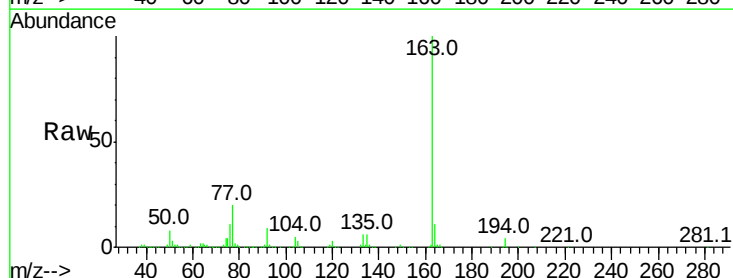
Tgt Ion:163 Resp: 599021

Ion Ratio Lower Upper

163 100

194 4.1 3.5 5.3

164 10.6 8.2 12.4



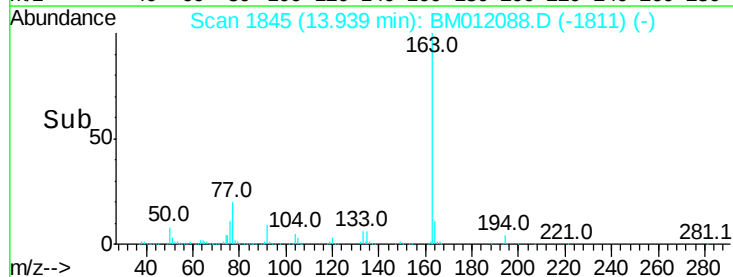
Abundance Ion 163.00 (162.70 to 163.70): BM012088.D (-1839) (-)

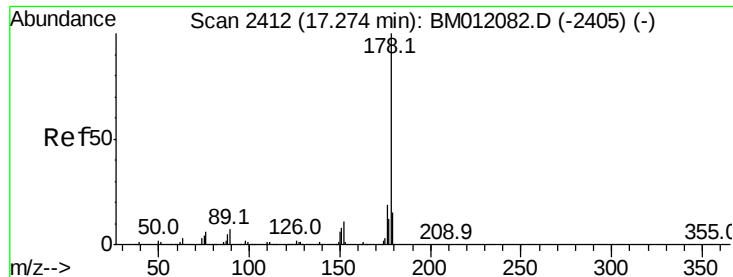
Ion 194.00 (193.70 to 194.70): BM012088.D (-1839) (-)

Ion 164.00 (163.70 to 164.70): BM012088.D (-1839) (-)

13.94

Time-->





#69

Phenanthrene

Concen: 4.062 ng/ul

RT: 17.27 min Scan# 2412

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

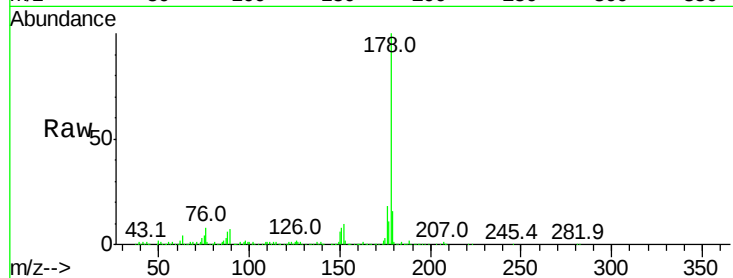
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 351727

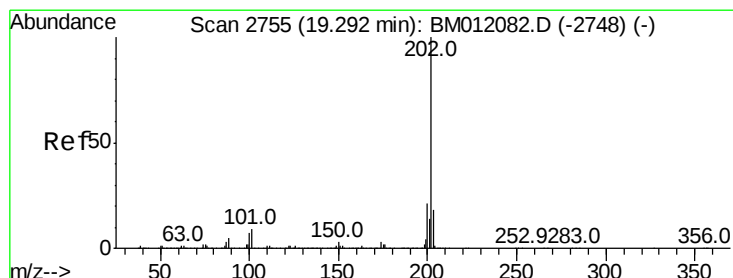
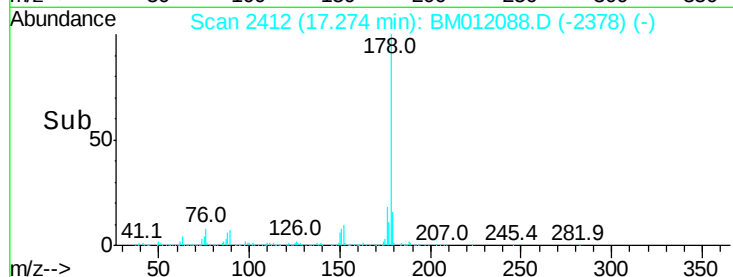
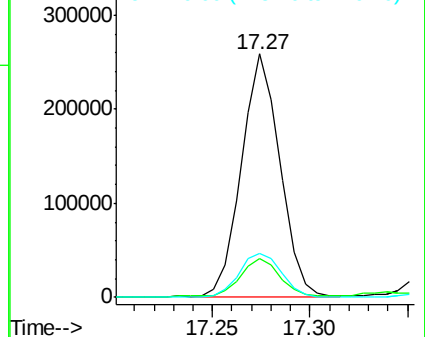
Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.6	19.0
176	18.3	14.9	22.3



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



#74

Fluoranthene

Concen: 6.619 ng/ul

RT: 19.29 min Scan# 2754

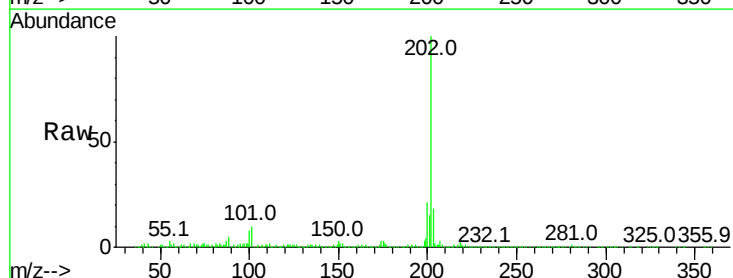
Delta R.T. -0.01 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

Tgt Ion:202 Resp: 699207

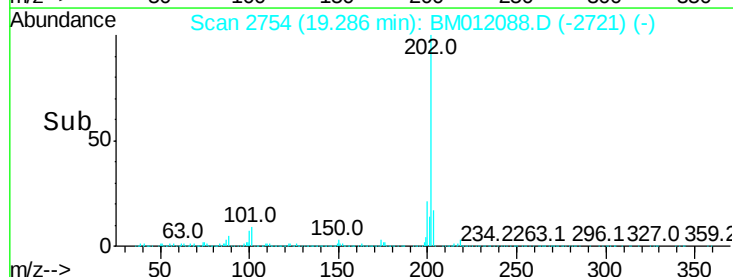
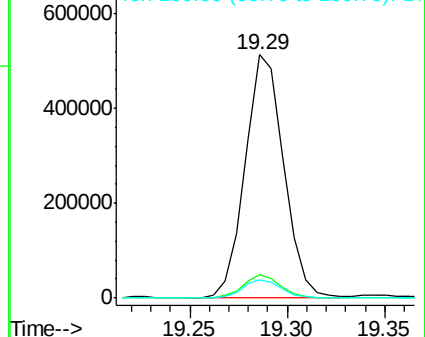
Ion	Ratio	Lower	Upper
202	100		
101	9.5	4.6	7.0#
100	7.5	3.4	5.2#

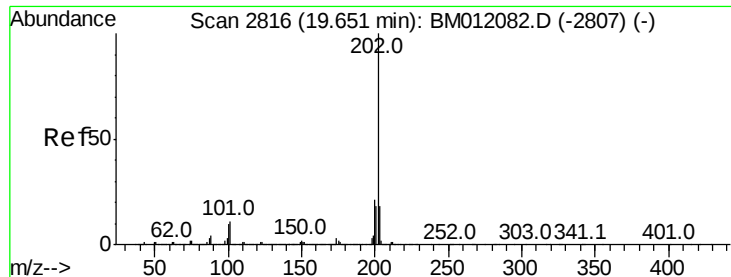


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#77

Pvrene

Concen: 8.140 ng/ul

RT: 19.65 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

Instrument :

BNA_M

ClientSampleId :

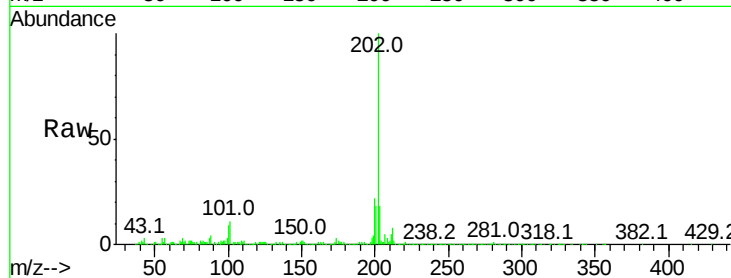
Tot Ion:202 Resp: 757676

Ion Ratio Lower Upper

202 100

101 10.9 5.1 7.7#

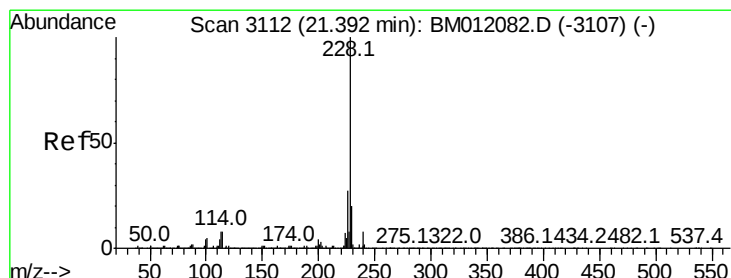
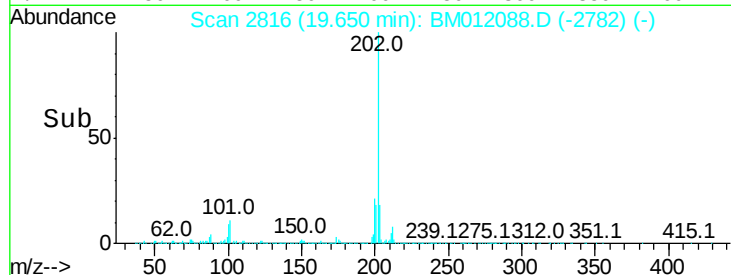
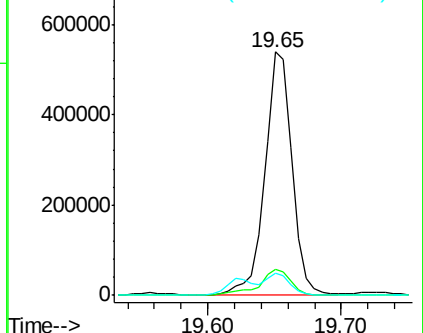
100 9.2 4.9 7.3#



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: 4.517 ng/ul

RT: 21.39 min Scan# 3112

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

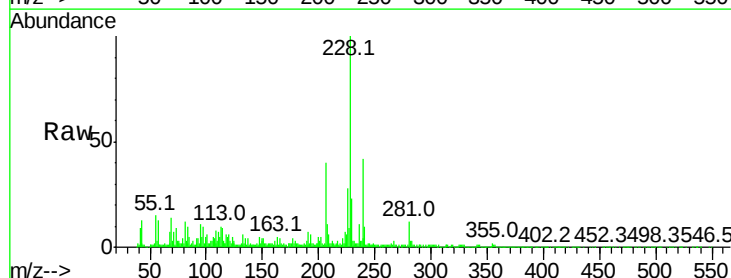
Tgt Ion:228 Resp: 434333

Ion Ratio Lower Upper

228 100

229 22.8 15.4 23.0

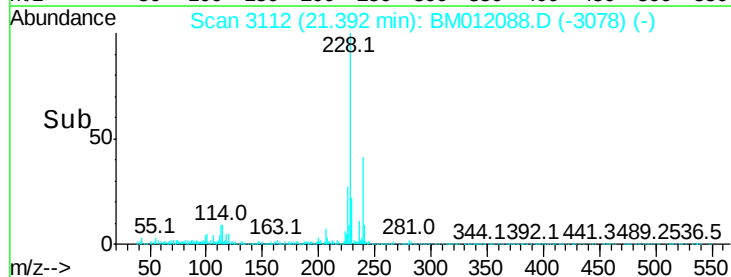
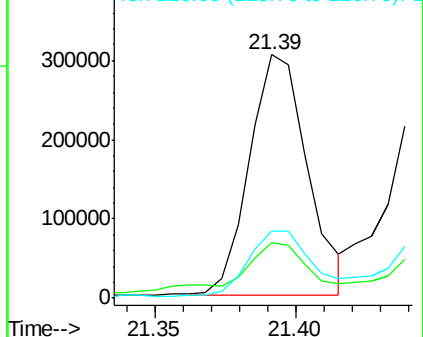
226 27.6 21.4 32.0

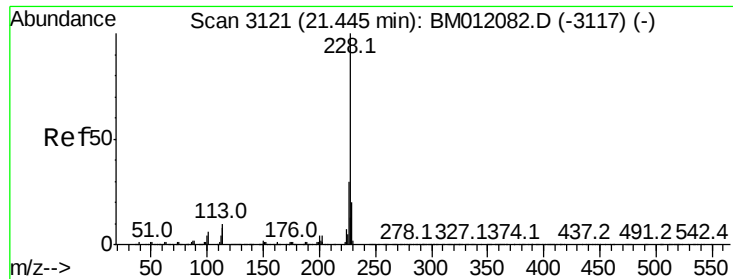


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E





#82

Chrysene

Concen: 4.583 ng/ul

RT: 21.44 min Scan# 3121

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

Instrument :

BNA_M

ClientSampleId :

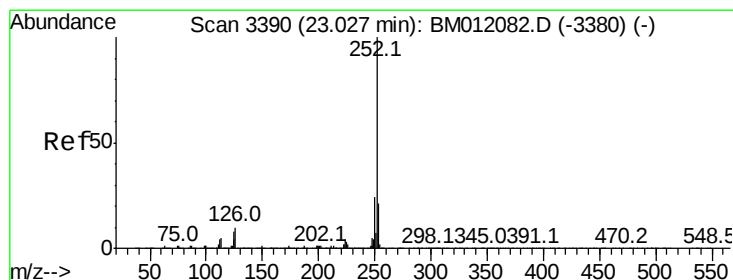
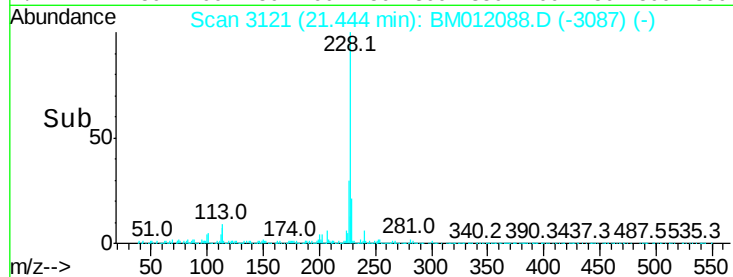
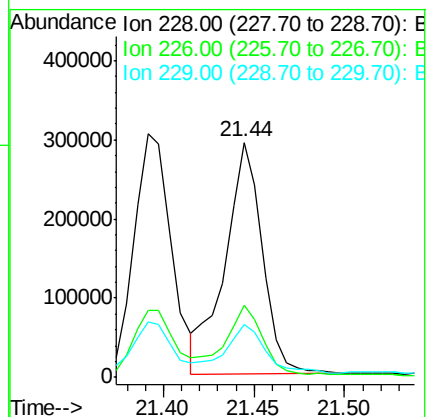
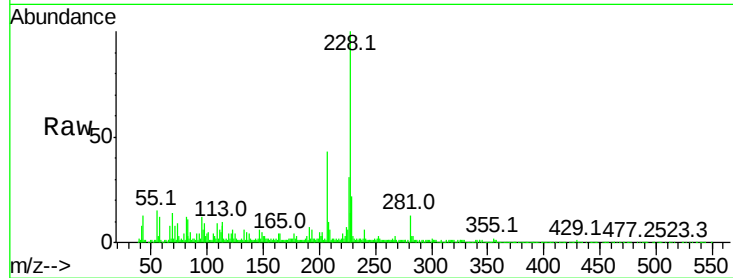
Tot Ion:228 Resp: 418741

Ion	Ratio	Lower	Upper
228	100		
226	30.7	23.4	35.2
229	22.4	15.5	23.3

228 100

226 30.7 23.4 35.2

229 22.4 15.5 23.3



#85

Benzo(b)fluoranthene

Concen: 4.763 ng/ul

RT: 23.03 min Scan# 3390

Delta R.T. -0.00 min

Lab File: BM012088.D

Acq: 12 Oct 2017 03:01

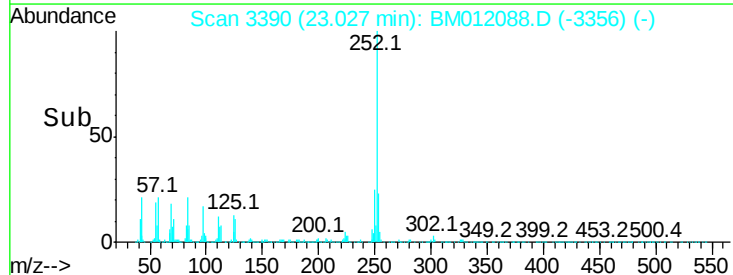
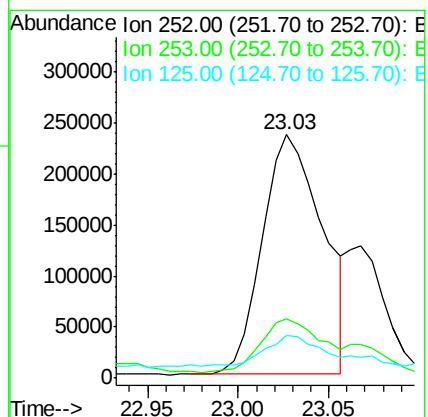
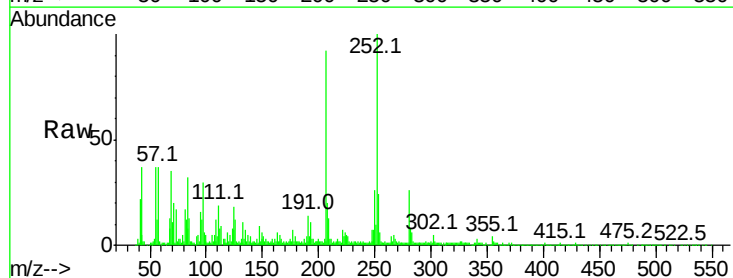
Tgt Ion:252 Resp: 545239

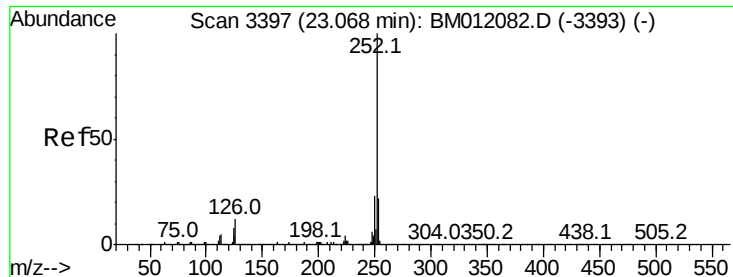
Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.9	26.9
125	17.7	3.6	5.4

252 100

253 24.3 17.9 26.9

125 17.7 3.6 5.4

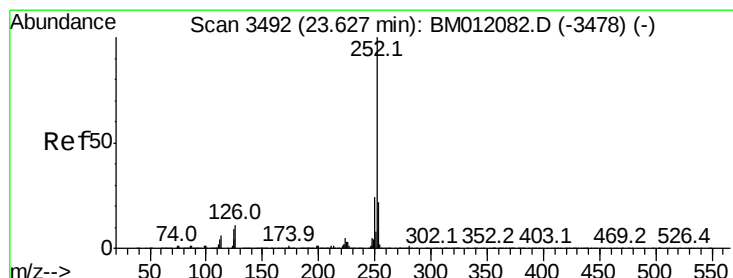
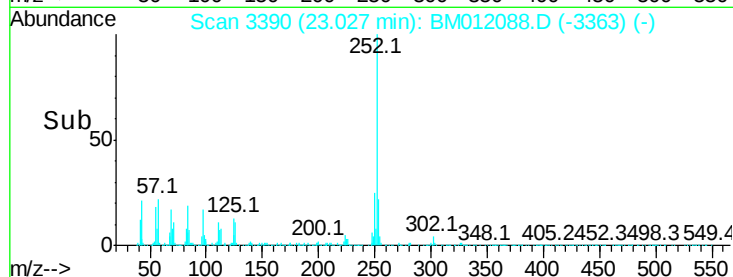
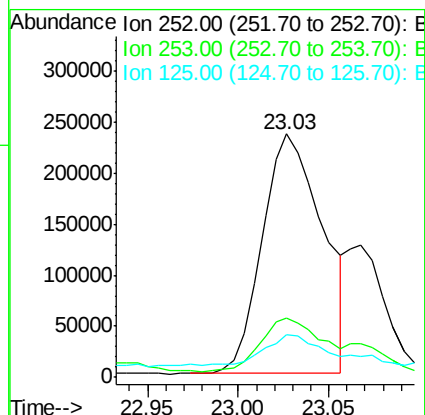
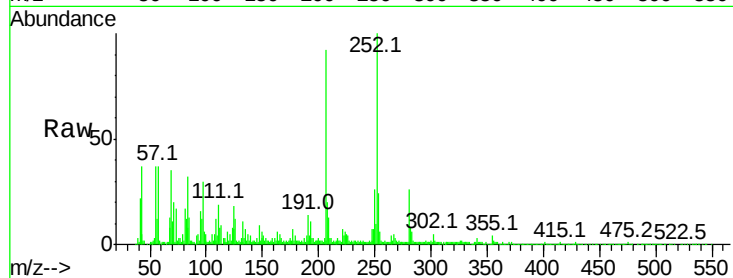




#86
Benzo(k)fluoranthene
Concen: 4.771 ng/ul
RT: 23.03 min Scan# 3390
Delta R.T. -0.04 min
Lab File: BM012088.D
Acq: 12 Oct 2017 03:01

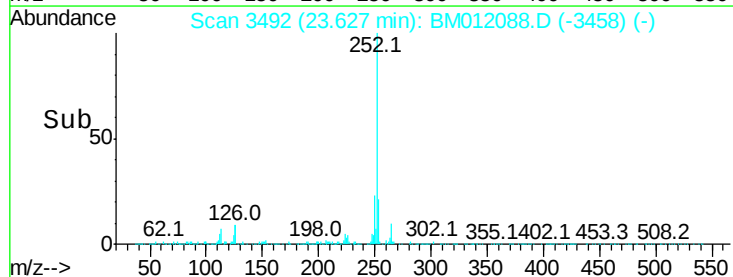
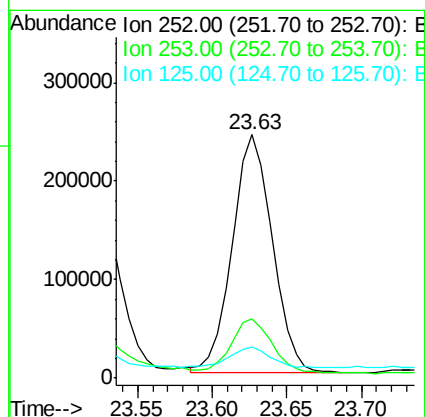
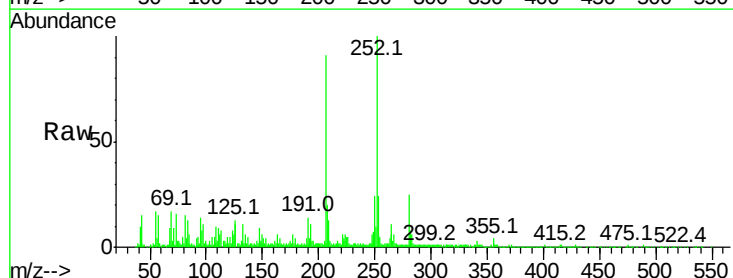
Instrument :
BNA_M
ClientSampleId :

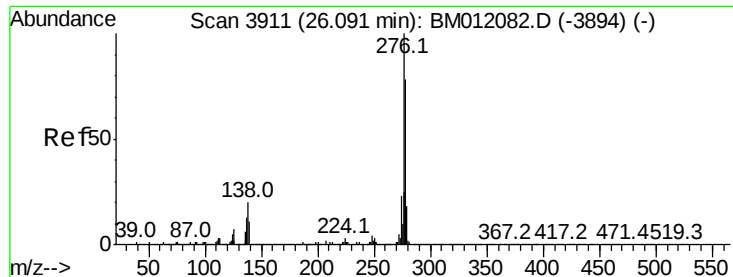
Tot Ion	Ratio	Lower	Upper
252	100		
253	24.3	17.1	25.7
125	17.7	3.4	5.2#



#88
Benzo(a)pyrene
Concen: 4.102 ng/ul
RT: 23.63 min Scan# 3492
Delta R.T. -0.00 min
Lab File: BM012088.D
Acq: 12 Oct 2017 03:01

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.3	18.2	27.2
125	12.6	4.0	6.0#



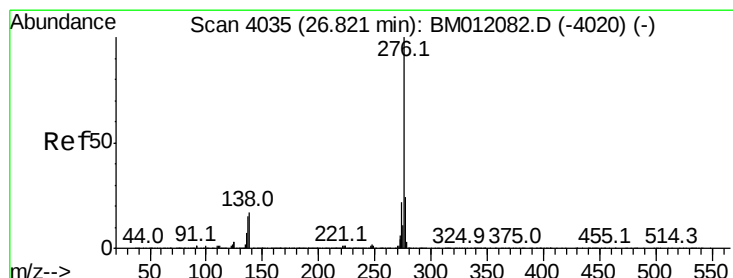
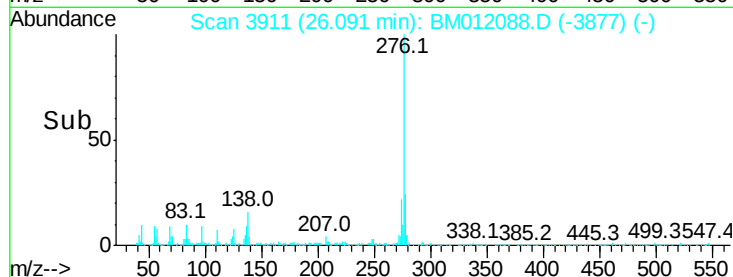
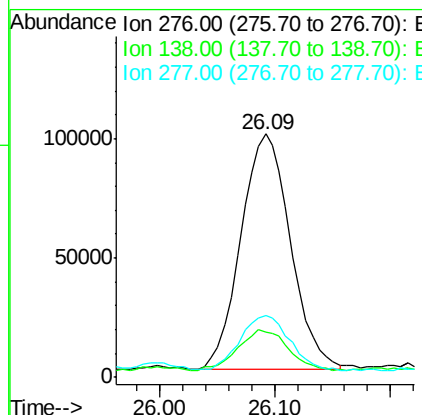
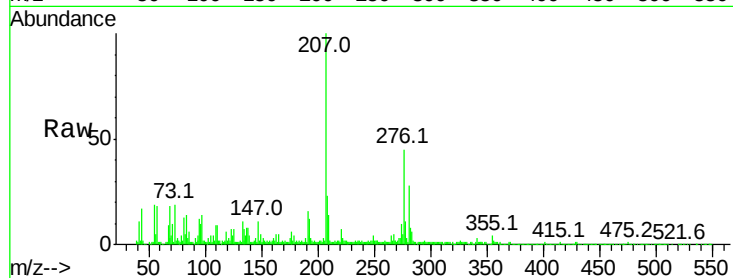


#89

Indeno(1,2,3-cd)pyrene
Concen: 2.501 ng/ul
RT: 26.09 min Scan# 3911
Delta R.T. -0.00 min
Lab File: BM012088.D
Acq: 12 Oct 2017 03:01

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	18.8	9.3	13.9#
277	25.7	19.9	29.9



#91

Benzo(g,h,i)perylene
Concen: 2.965 ng/ul
RT: 26.82 min Scan# 4035
Delta R.T. -0.00 min
Lab File: BM012088.D
Acq: 12 Oct 2017 03:01

Tgt Ion	Ratio	Lower	Upper
276	100		
138	18.4	8.5	12.7#
277	25.2	18.6	28.0

