

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM100118\
 Data File : BM016929.D
 Acq On : 01 Oct 2018 19:51
 Operator : MJ/SJ
 Sample : J5120-15
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0BB2

Quant Time: Oct 02 13:10:19 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Sep 27 02:42:56 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.71	152	340007	20.00	ng/ul	0.00
18) Naphthalene-d8	10.53	136	1409760	20.00	ng/ul	0.04
36) Acenaphthene-d10	14.35	164	652037	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1160784	20.00	ng/ul	0.00
78) Chrysene-d12	21.31	240	1265212	20.00	ng/ul	0.01
86) Perylene-d12	23.53	264	1354370	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	0.00	166	0d	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0d	0.00	ng/ul	
52) 4-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
58) Fluorene-d10	0.00	176	0d	0.00	ng/ul	
63) 4,6-Dinitro-2-methylphenol	0.00	200	0d	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	0.00	212	0d	0.00	ng/ul	
90) Benzo(a)pyrene-d12	0.00	264	0d	0.00	ng/ul	

Target Compounds

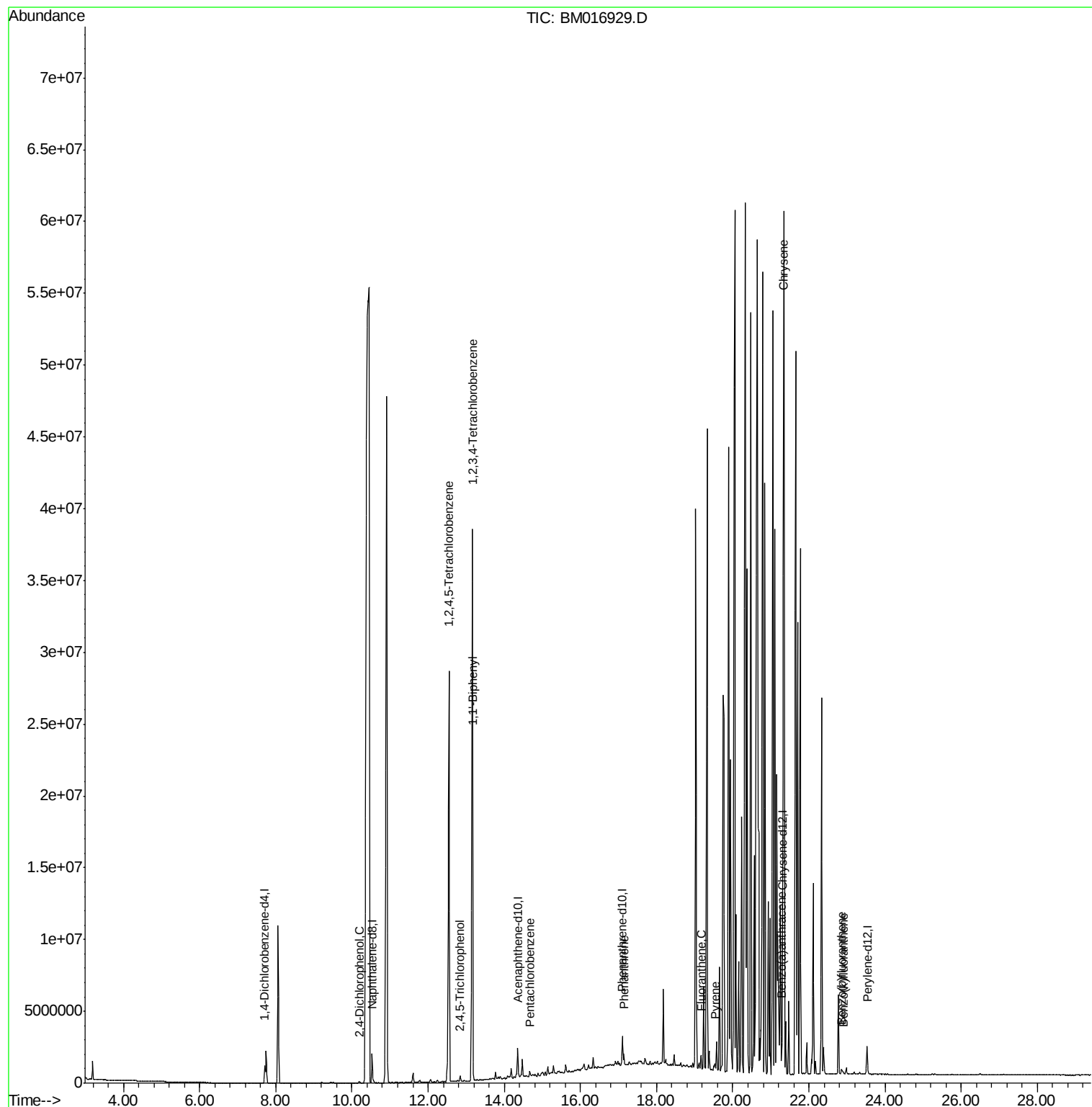
					Ovalue	
27) 2,4-Dichlorophenol	10.19	162	47195	2.295	ng/ul#	93
37) 1,2,4,5-Tetrachlorobenzene	12.55	216	10258263	458.094	ng/ul#	97
40) 2,4,5-Trichlorophenol	12.85	196	98333	7.066	ng/ul	98
41) 1,1'-Biphenyl	13.18	154	382556	7.053	ng/ul	96
70) Phenanthrene	17.14	178	457653	7.098	ng/ul	98
73) 1,2,3,4-Tetrachlorobenzene	13.16	216	14627309	761.370	ng/uL	97
74) Pentachlorobenzene	14.67	250	75715	4.369	ng/uL	97
77) Fluoranthene	19.17	202	571767	7.736	ng/ul#	92
80) Pyrene	19.53	202	299304	3.853	ng/ul#	88
83) Benzo(a)anthracene	21.29	228	229089	2.925	ng/ul	99
85) Chrysene	21.34	228	292458m	4.004	ng/ul	
88) Benzo(b)fluoranthene	22.86	252	285772	3.525	ng/ul#	94
89) Benzo(k)fluoranthene	22.90	252	84506m	1.086	ng/ul	

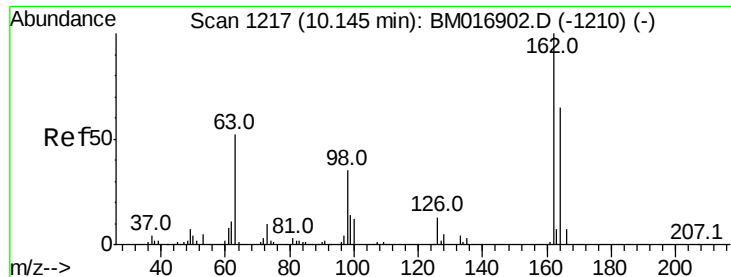
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Oct 02 13:10:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM091018MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Thu Sep 27 02:42:56 2018
Response via : Initial Calibration





#27

2,4-Dichlorophenol

Concen: 2.295 ng/ul

RT: 10.19 min Scan# 1225

Delta R.T. 0.05 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Instrument :

BNA_M

ClientSampleId :

C0BB2

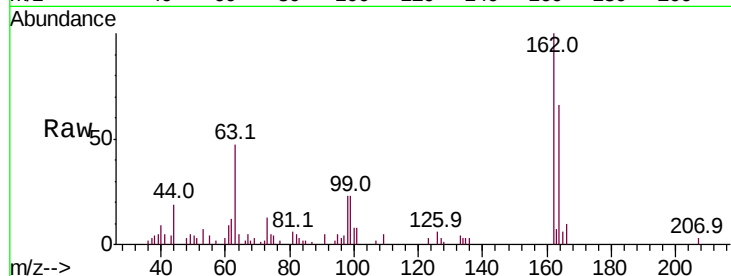
Tot Ion:162 Resp: 47195

Ion Ratio Lower Upper

162 100

164 66.0 52.0 78.0

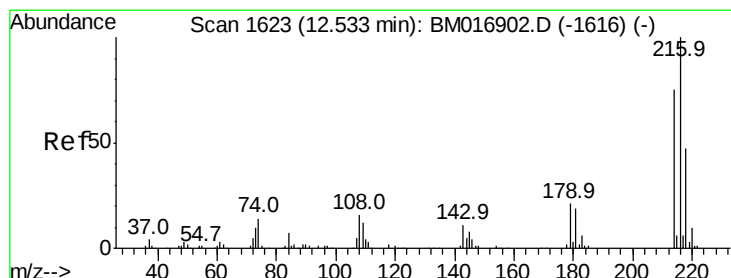
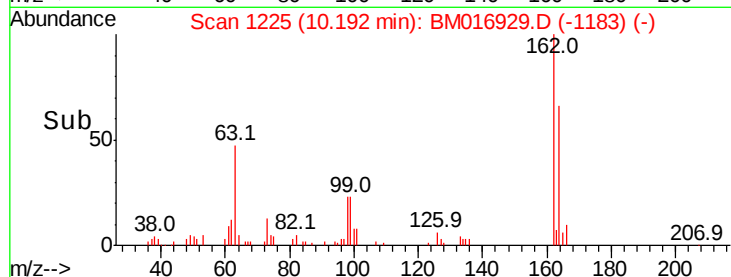
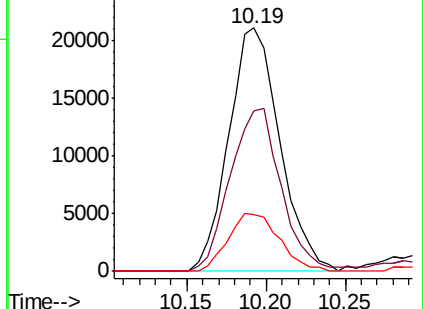
98 23.4 26.6 39.8#



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BM



#37

1,2,4,5-Tetrachlorobenzene

Concen: 458.094 ng/ul

RT: 12.55 min Scan# 1625

Delta R.T. 0.01 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Tgt Ion:216 Resp:10258263

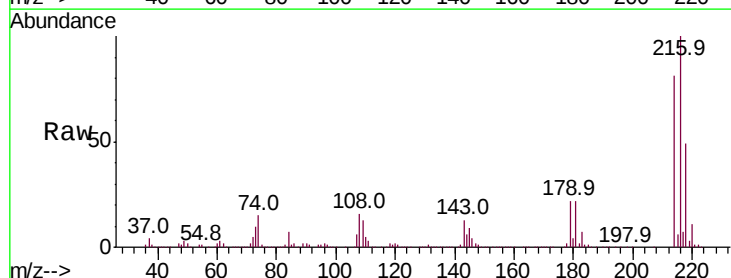
Ion Ratio Lower Upper

216 100

214 80.7 64.1 96.1

179 22.3 14.5 21.7#

108 15.9 10.4 15.6#

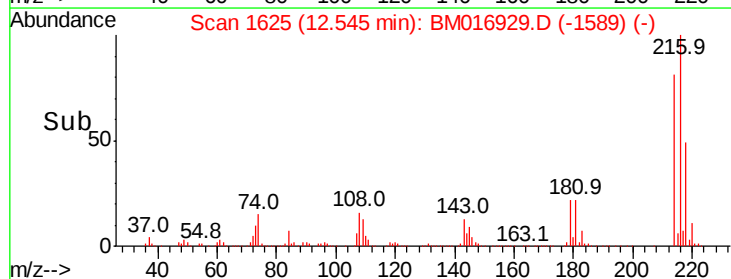
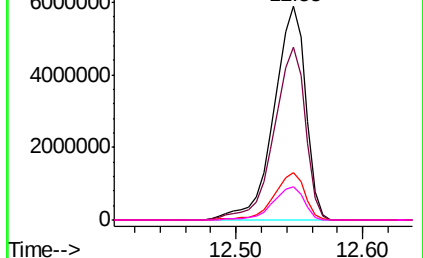


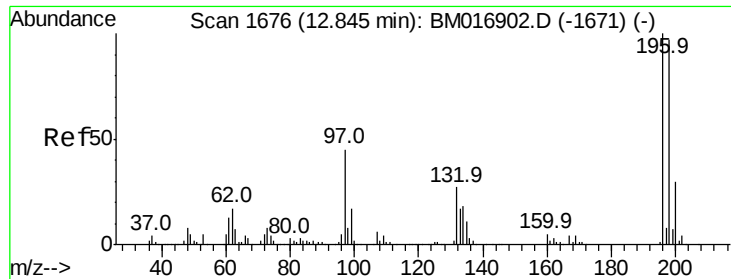
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

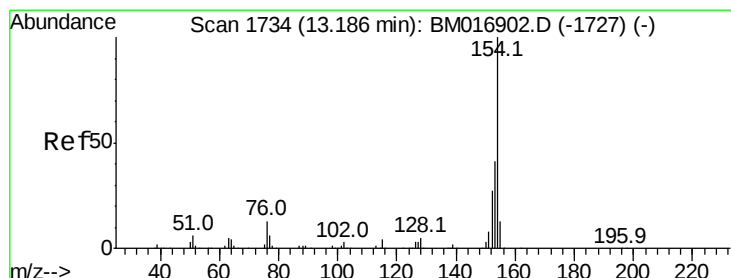
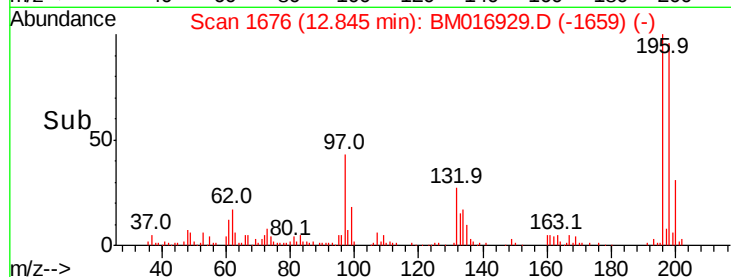
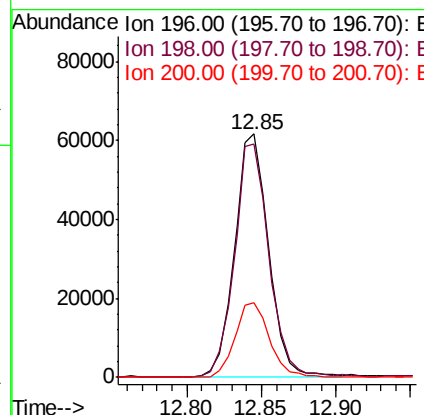
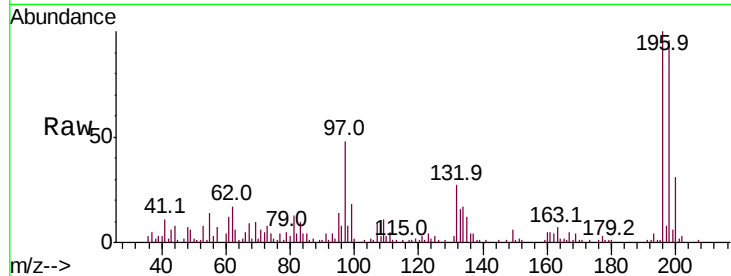




#40
 2,4,5-Trichlorophenol
 Concen: 7.066 ng/ul
 RT: 12.85 min Scan# 1676
 Delta R.T. 0.00 min
 Lab File: BM016929.D
 Acq: 01 Oct 2018 19:51

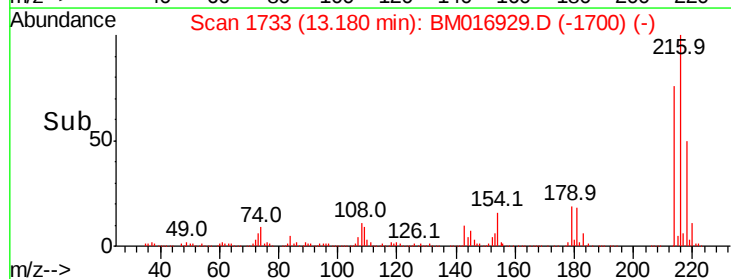
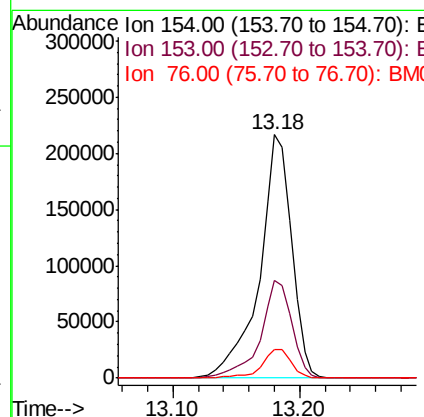
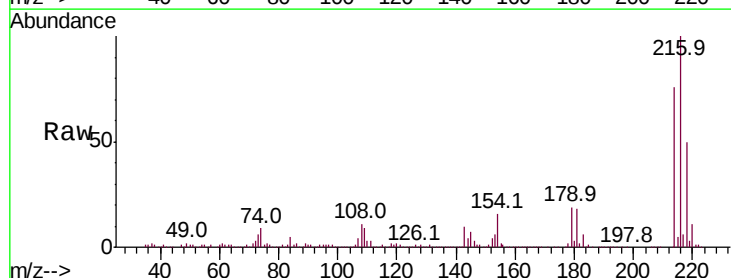
Instrument :
 BNA_M
 ClientSampleId :
 C0BB2

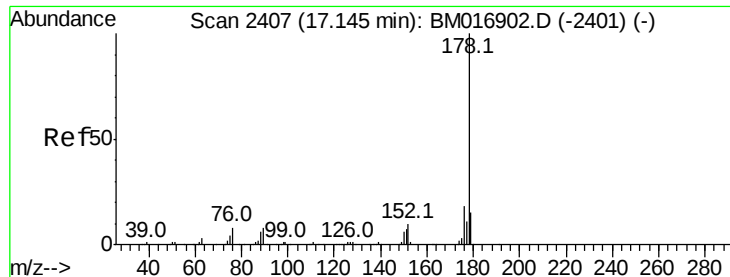
Tot Ion	196	Resp	98333
Ion Ratio	100	Lower	Upper
196	100		
198	95.9	74.7	112.1
200	30.7	25.4	38.0



#41
 1,1'-Biphenyl
 Concen: 7.053 ng/ul
 RT: 13.18 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BM016929.D
 Acq: 01 Oct 2018 19:51

Tgt Ion	154	Resp	382556
Ion Ratio	100	Lower	Upper
154	100		
153	40.0	34.0	51.0
76	12.0	8.4	12.6





#70

Phenanthrene

Concen: 7.098 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. 0.00 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Instrument :

BNA_M

ClientSampleId :

C0BB2

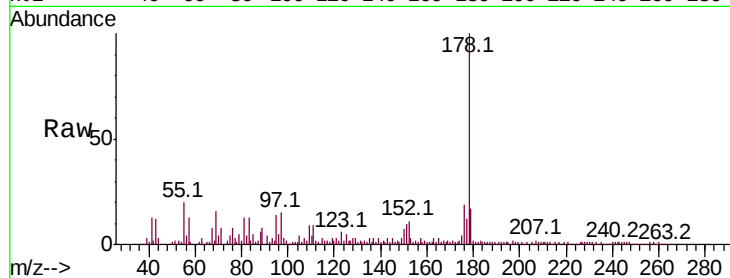
Tot Ion:178 Resp: 457653

Ion Ratio Lower Upper

178 100

179 17.2 12.3 18.5

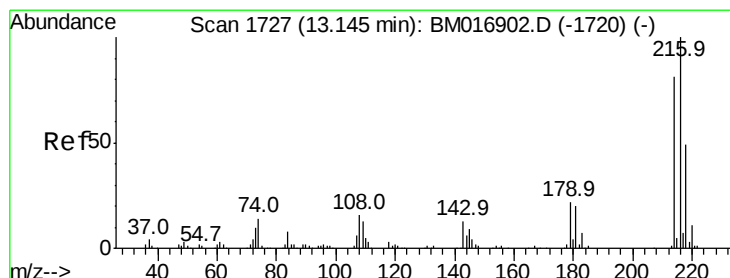
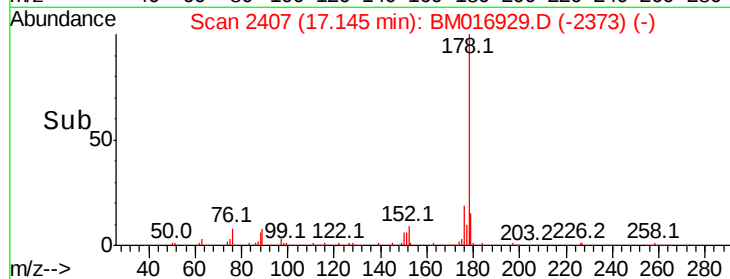
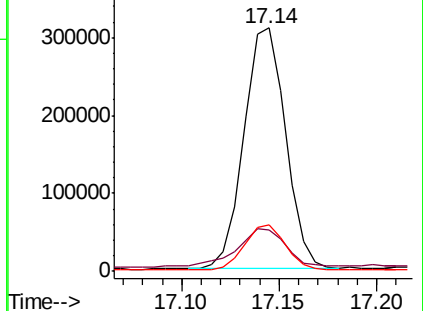
176 19.0 15.4 23.0



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 761.370 ng/uL

RT: 13.16 min Scan# 1730

Delta R.T. 0.02 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

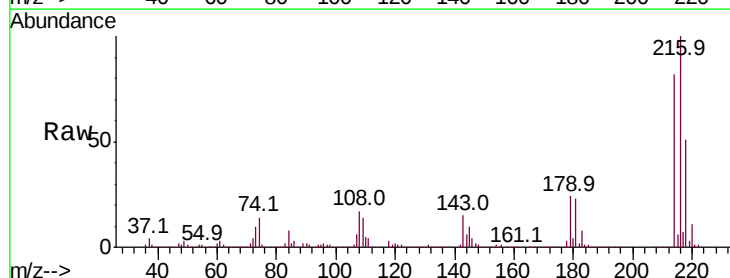
Tgt Ion:216 Resp:14627309

Ion Ratio Lower Upper

216 100

214 82.3 64.1 96.1

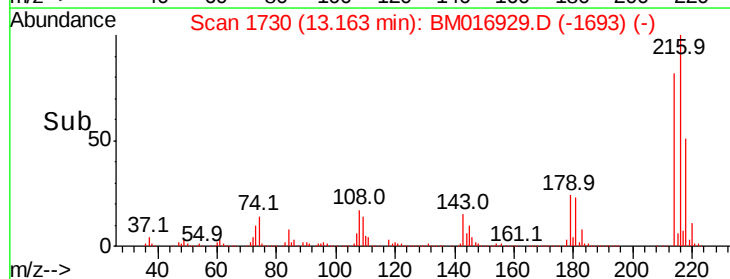
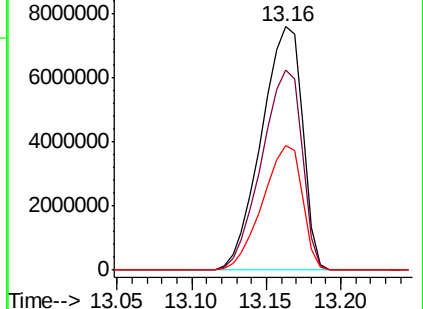
218 50.9 39.4 59.0

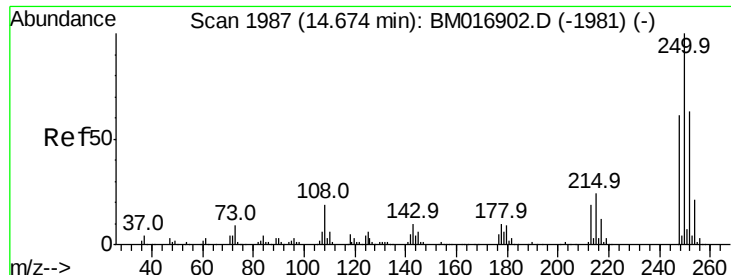


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 4.369 ng/uL

RT: 14.67 min Scan# 1987

Delta R.T. 0.00 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Instrument :

BNA_M

ClientSampleId :

C0BB2

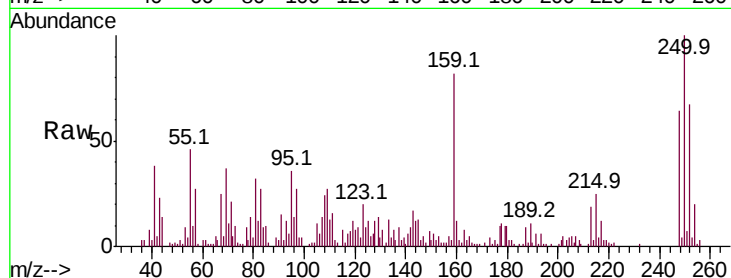
Tot Ion:250 Resp: 75715

Ion Ratio Lower Upper

250 100

248 64.1 51.4 77.2

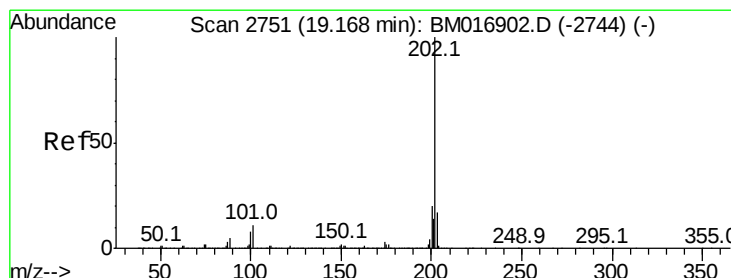
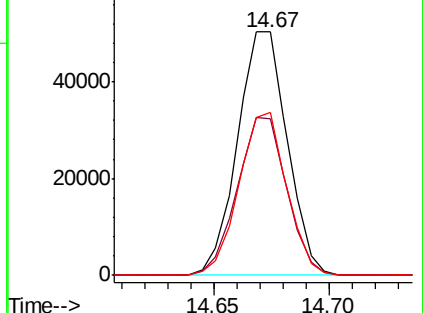
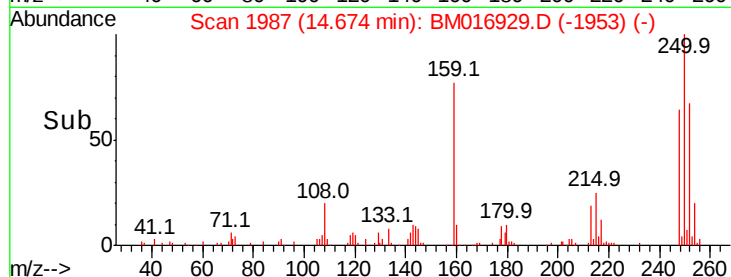
252 66.9 49.8 74.6



Abundance Ion 250.00 (249.70 to 250.70): E

Ion 248.00 (247.70 to 248.70): E

Ion 252.00 (251.70 to 252.70): E



#77

Fluoranthene

Concen: 7.736 ng/uL

RT: 19.17 min Scan# 2751

Delta R.T. 0.00 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

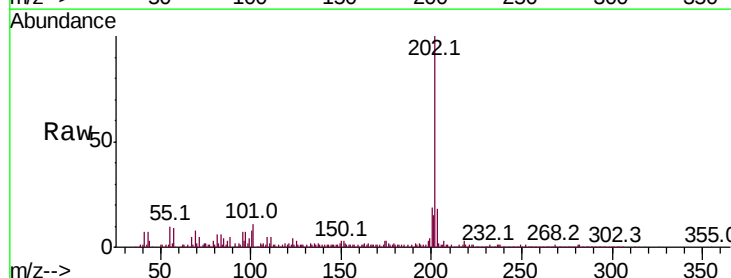
Tgt Ion:202 Resp: 571767

Ion Ratio Lower Upper

202 100

101 11.1 6.1 9.1#

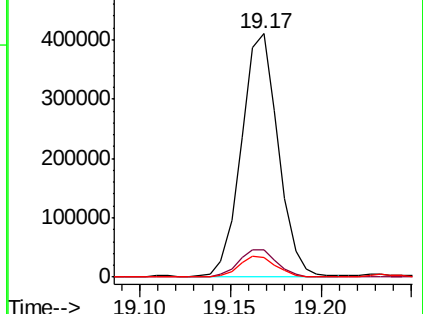
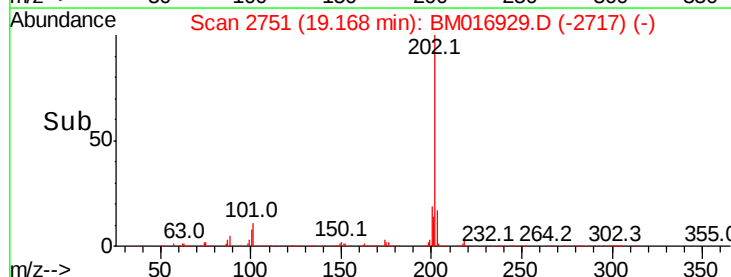
100 8.0 4.6 7.0#

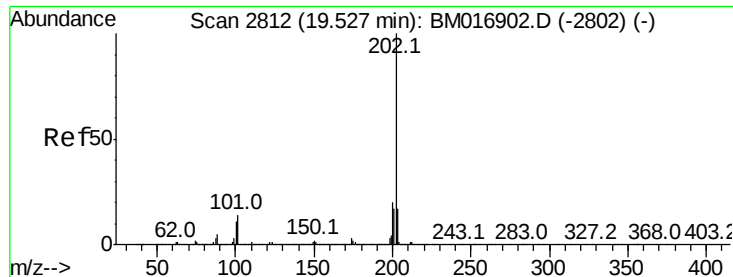


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pvrene

Concen: 3.853 ng/ul

RT: 19.53 min Scan# 2813

Delta R.T. 0.01 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Instrument :

BNA_M

ClientSampleId :

C0BB2

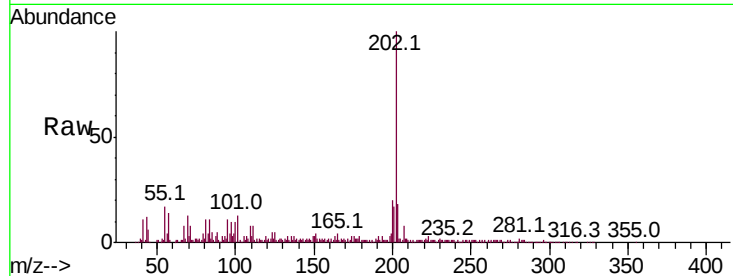
Tot Ion:202 Resp: 299304

Ion Ratio Lower Upper

202 100

101 13.2 6.9 10.3#

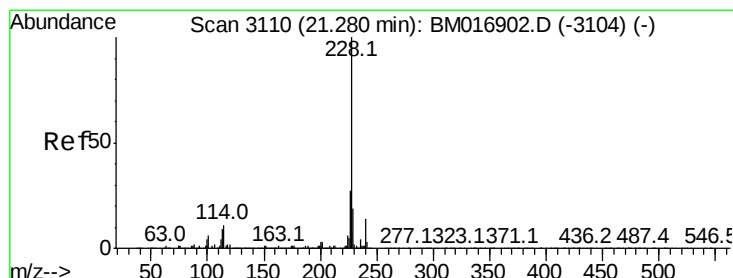
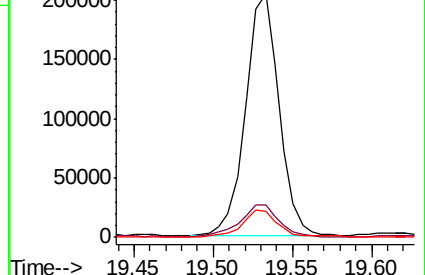
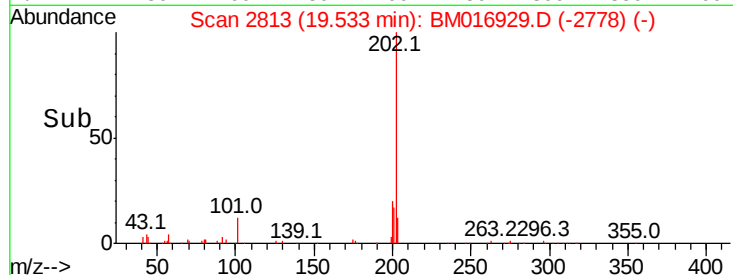
100 10.5 5.6 8.4#



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



#83

Benzo(a)anthracene

Concen: 2.925 ng/ul

RT: 21.29 min Scan# 3112

Delta R.T. 0.01 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

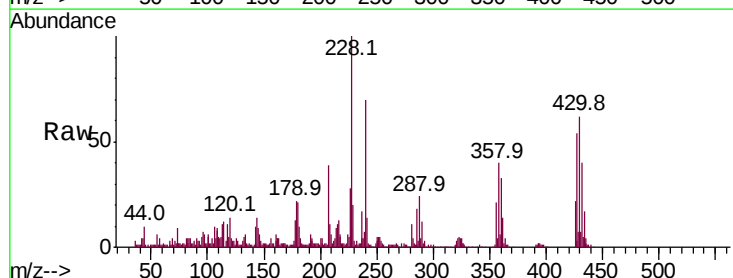
Tgt Ion:228 Resp: 229089

Ion Ratio Lower Upper

228 100

229 19.8 16.0 24.0

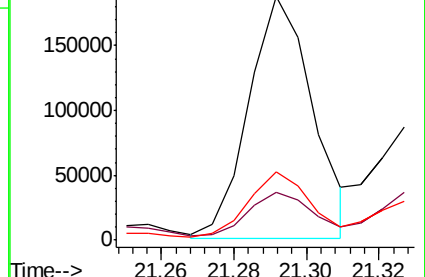
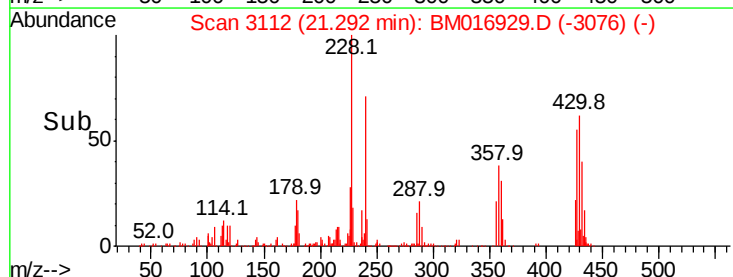
226 28.2 21.8 32.8

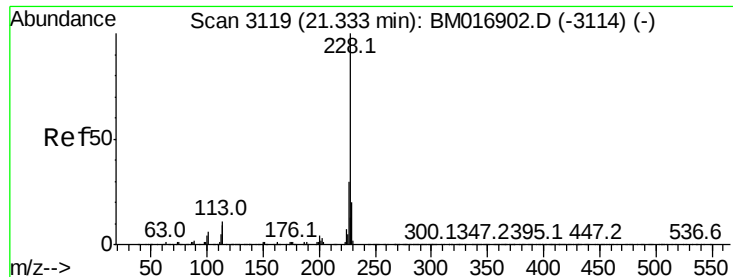


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

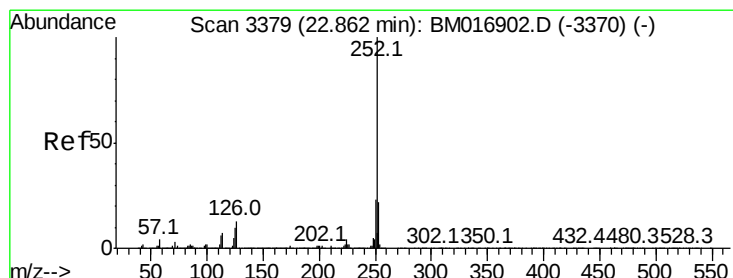
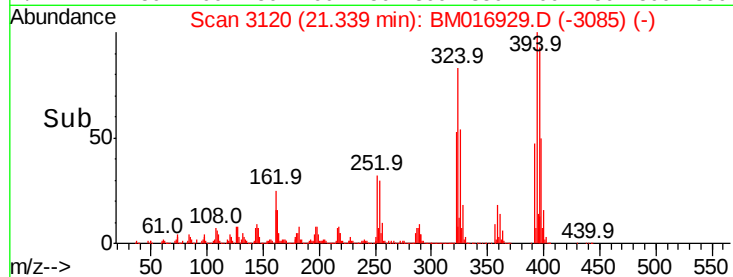
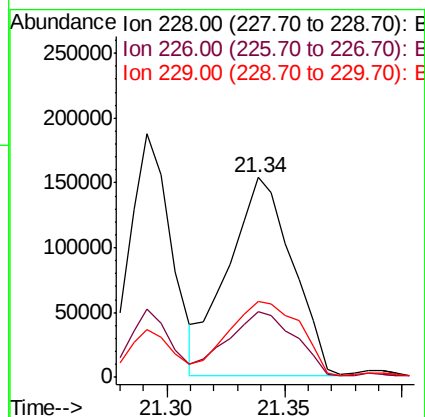
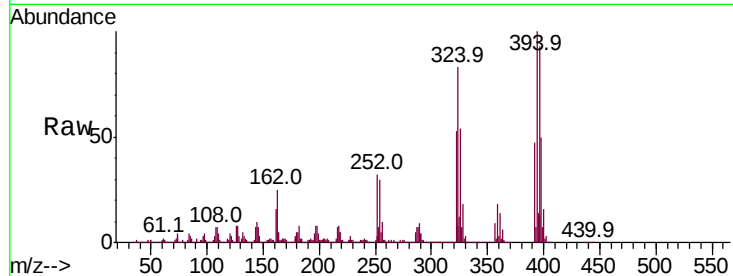




#85
 Chrysene
 Concen: 4.004 ng/ul m
 RT: 21.34 min Scan# 3120
 Delta R.T. 0.01 min
 Lab File: BM016929.D
 Acq: 01 Oct 2018 19:51

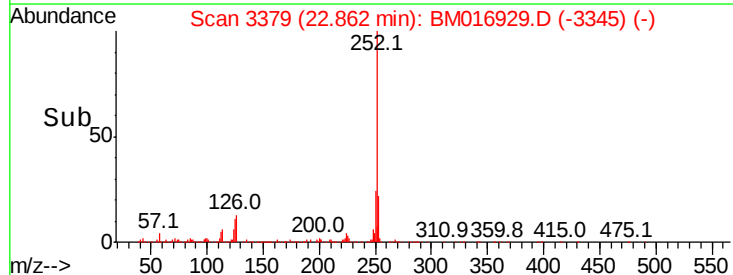
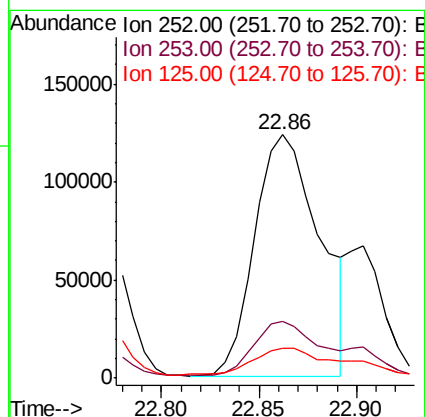
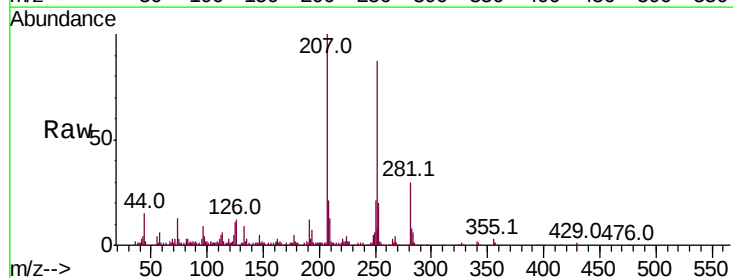
Instrument :
 BNA_M
 ClientSampleId :
 C0BB2

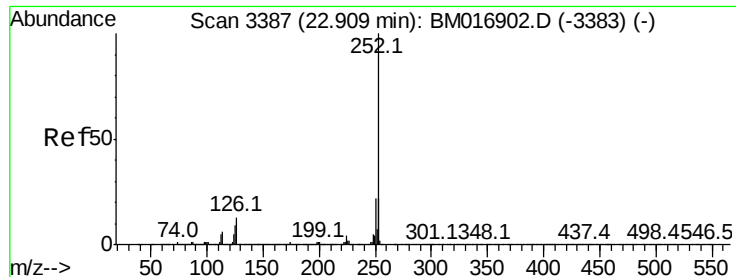
Tot Ion	Ratio	Lower	Upper
228	100		
226	32.6	24.1	36.1
229	37.7	16.0	24.0



#88
 Benzo(b)fluoranthene
 Concen: 3.525 ng/ul
 RT: 22.86 min Scan# 3379
 Delta R.T. 0.00 min
 Lab File: BM016929.D
 Acq: 01 Oct 2018 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	17.4	26.0
125	12.2	4.9	7.3





#89

Benzo(k)fluoranthene

Concen: 1.086 ng/ul m

RT: 22.90 min Scan# 3386

Delta R.T. -0.01 min

Lab File: BM016929.D

Acq: 01 Oct 2018 19:51

Instrument :

BNA_M

ClientSampleId :

C0BB2

Tot Ion:252 Resp: 84506

Ion Ratio Lower Upper

252 100

253 23.6 17.1 25.7

125 12.6 5.4 8.0#

