

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM103118\
 Data File : BM017429.D
 Acq On : 31 Oct 2018 14:01
 Operator : MJ/SJ
 Sample : J5674-07
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Oct 31 15:06:53 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM102418MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 31 14:01:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	216632	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	945550	20.00	ng/ul	-0.01
36) Acenaphthene-d10	14.29	164	562556	20.00	ng/ul	-0.01
62) Phenanthrene-d10	17.04	188	1269936	20.00	ng/ul	-0.01
78) Chrysene-d12	21.24	240	1600766	20.00	ng/ul	0.00
86) Perylene-d12	23.45	264	1366249	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	0.00	99	0	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0	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	0	0.00	ng/ul	
29) 4-Chloroaniline-d4	10.42	131	1227	0.10	ng/ul	-0.15
44) Dimethylphthalate-d6	0.00	166	0	0.00	ng/ul	
47) Acenaphthylene-d8	0.00	160	0	0.00	ng/ul	
52) 4-Nitrophenol-d4	14.50	143	292	0.03	ng/ul	-0.02
58) Fluorene-d10	15.29	176	4115	0.10	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.42	200	72	0.01	ng/ul	-0.01
71) Anthracene-d10	17.04	188	1269936	20.20	ng/ul	-0.11
79) Pyrene-d10	19.44	212	639	0.01	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.45	264	1338437	18.55	ng/ul	0.14

Target Compounds

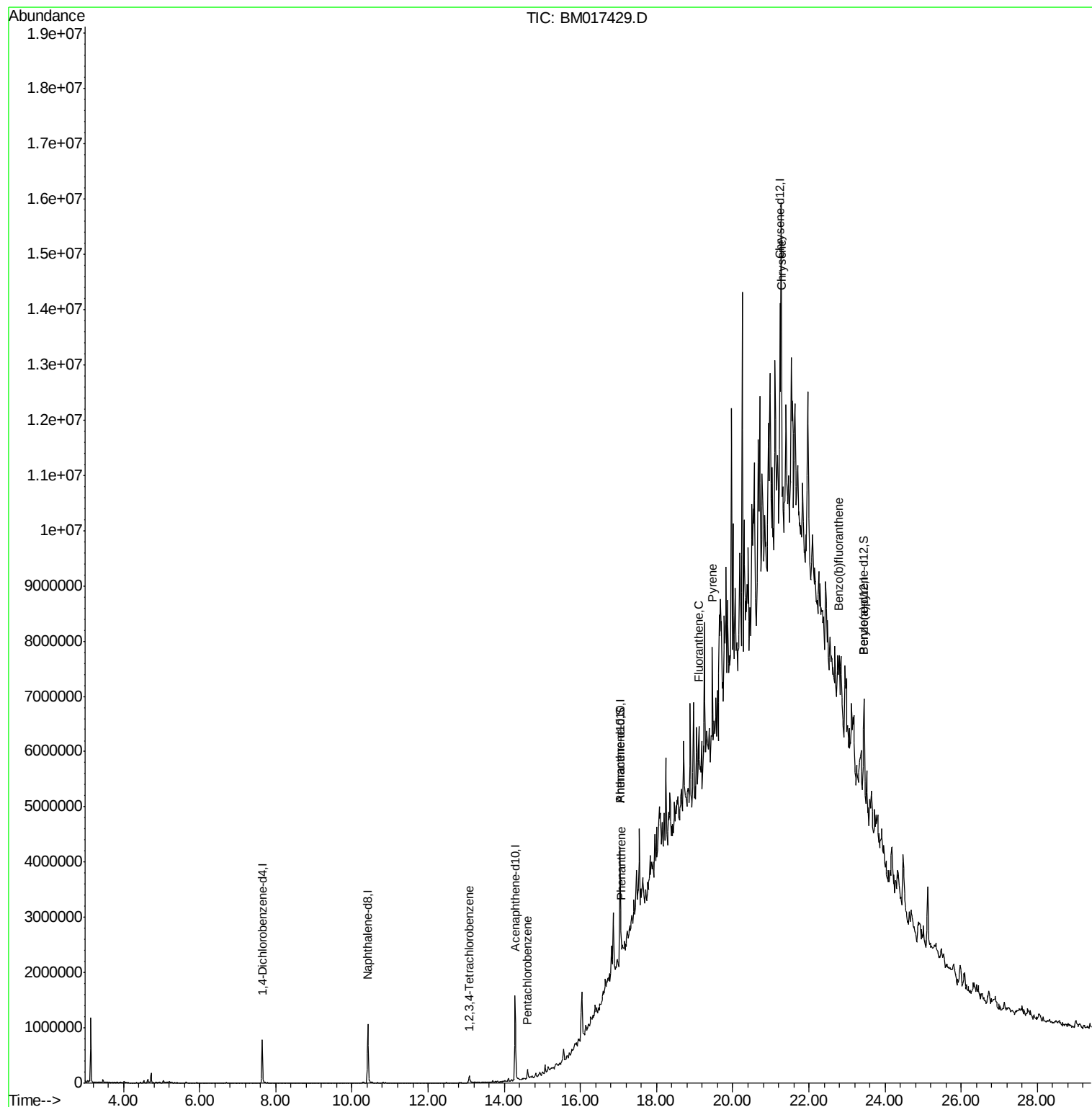
				Ovalue	
70) Phenanthrene	17.09	178	78728	1.080	ng/ul# 79
73) 1,2,3,4-Tetrachlorobenzene	13.08	216	46671	2.607	ng/uL 99
74) Pentachlorobenzene	14.61	250	41289	2.241	ng/uL 97
77) Fluoranthene	19.11	202	216322	2.588	ng/ul# 97
80) Pyrene	19.47	202	139418	1.500	ng/ul# 91
85) Chrysene	21.28	228	165097	1.772	ng/ul# 92
88) Benzo(b)fluoranthene	22.80	252	119982	1.500	ng/ul# 1

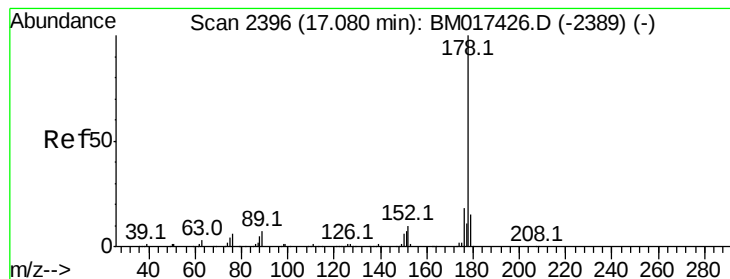
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Oct 31 14:01:06 2018
Response via : Initial Calibration





#70

Phenanthrene

Concen: 1.080 ng/ul

RT: 17.09 min Scan# 2397

Delta R.T. -0.01 min

Lab File: BM017429.D

Acq: 31 Oct 2018 14:01

Instrument :

BNA_M

ClientSampleId :

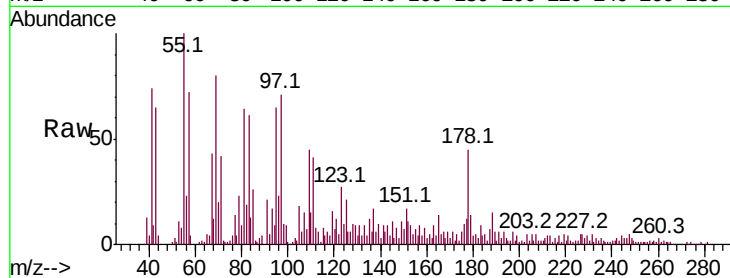
Tot Ion:178 Resp: 78728

Ion Ratio Lower Upper

178 100

179 31.0 12.2 18.2#

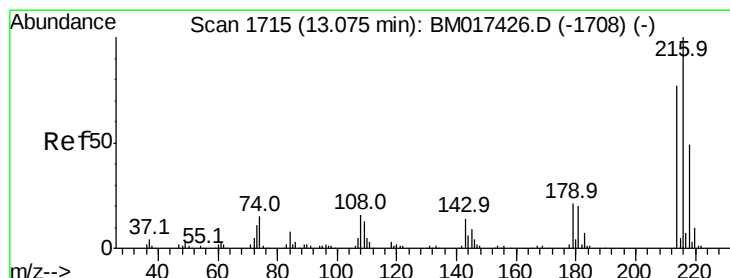
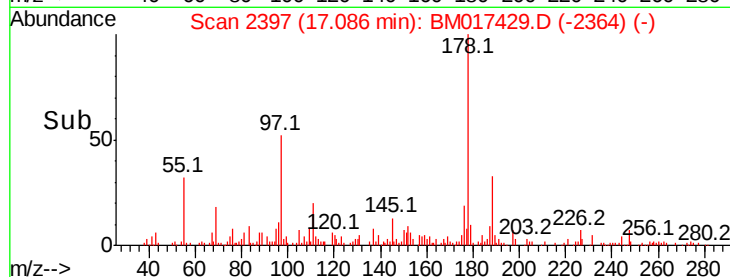
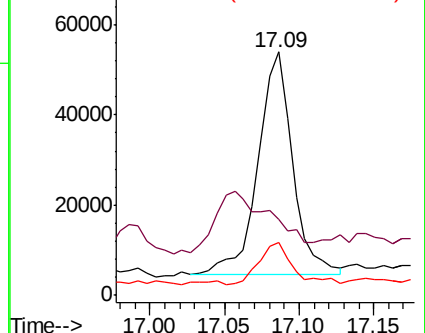
176 21.8 14.9 22.3



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



#73

1,2,3,4-Tetrachlorobenzene

Concen: 2.607 ng/uL

RT: 13.08 min Scan# 1716

Delta R.T. 0.00 min

Lab File: BM017429.D

Acq: 31 Oct 2018 14:01

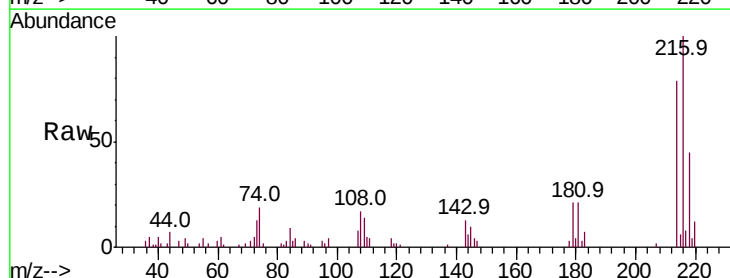
Tgt Ion:216 Resp: 46671

Ion Ratio Lower Upper

216 100

214 78.6 63.4 95.0

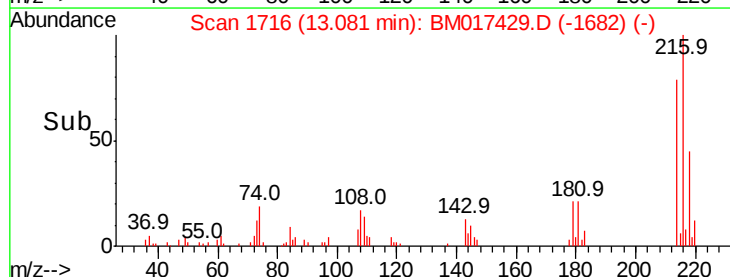
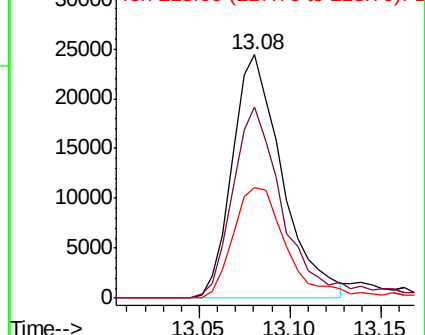
218 45.2 37.3 55.9

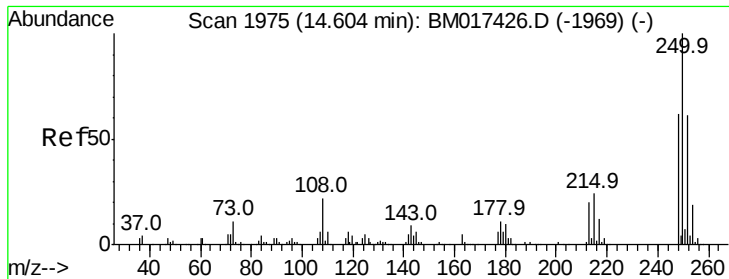


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 218.00 (217.70 to 218.70): E





#74

Pentachlorobenzene

Concen: 2.241 ng/uL

RT: 14.61 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM017429.D

Acq: 31 Oct 2018 14:01

Instrument :

BNA_M

ClientSampleId :

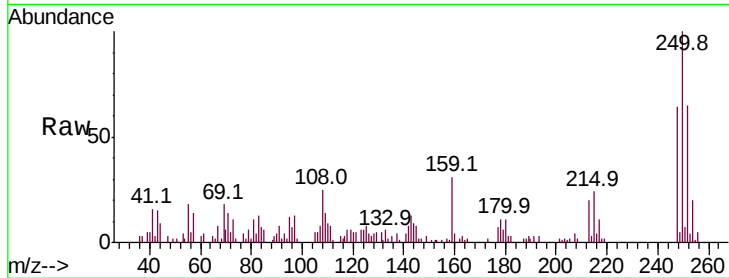
Tot Ion:250 Resp: 41289

Ion Ratio Lower Upper

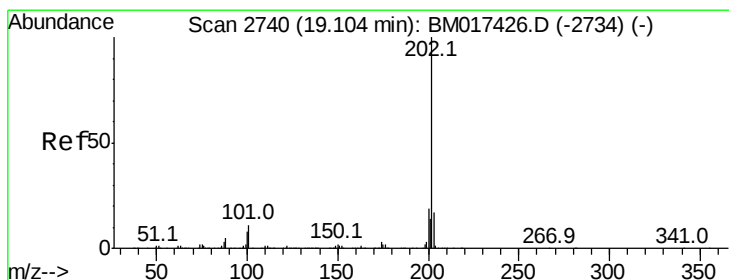
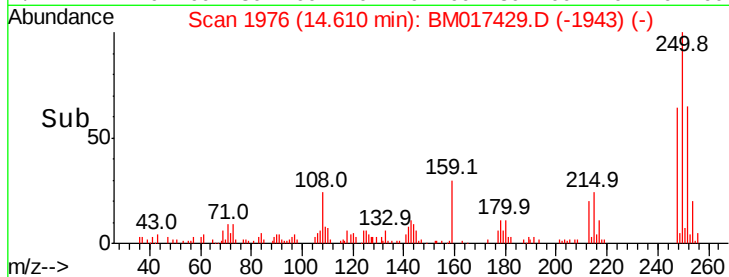
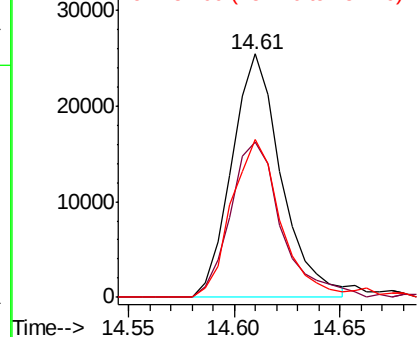
250 100

248 63.7 50.1 75.1

252 65.0 49.4 74.0



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: 2.588 ng/uL

RT: 19.11 min Scan# 2741

Delta R.T. 0.00 min

Lab File: BM017429.D

Acq: 31 Oct 2018 14:01

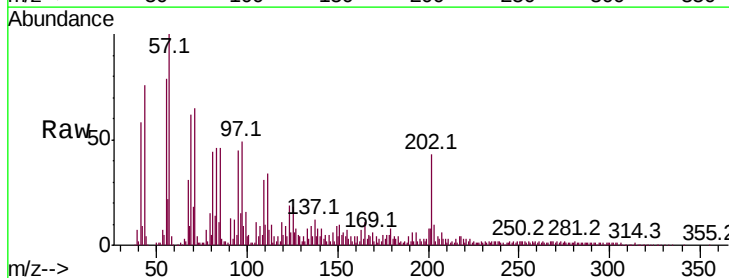
Tgt Ion:202 Resp: 216322

Ion Ratio Lower Upper

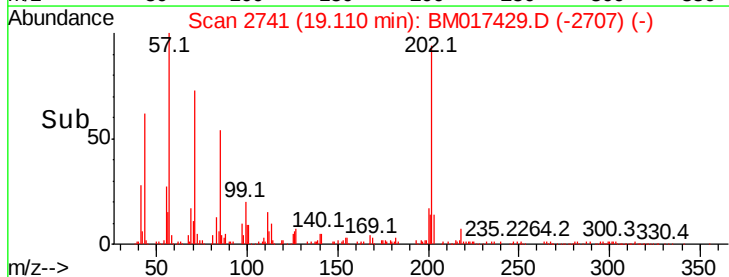
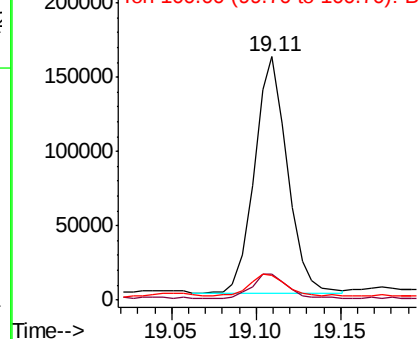
202 100

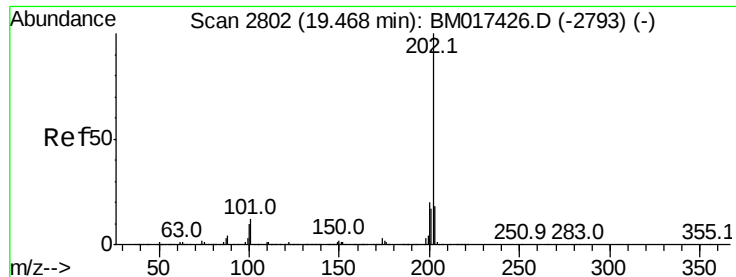
101 10.6 8.2 12.4

100 10.2 6.3 9.5#



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

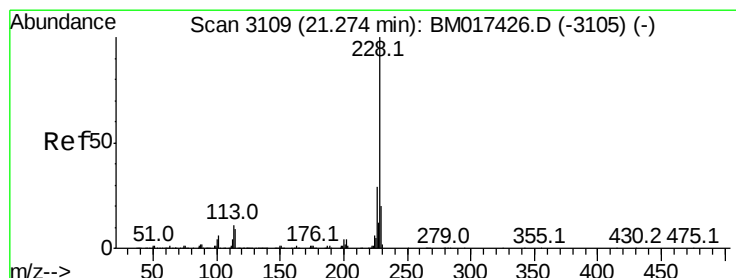
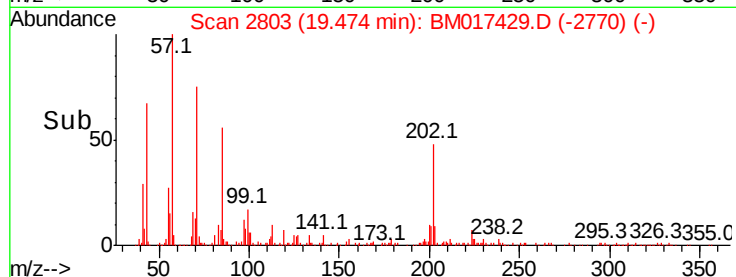
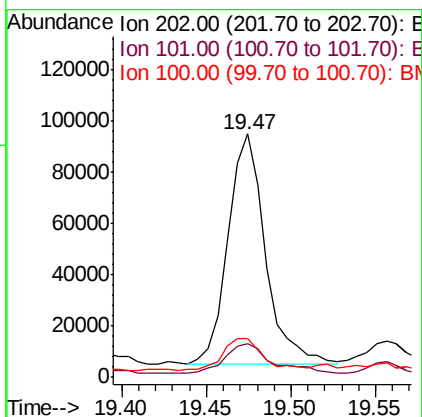
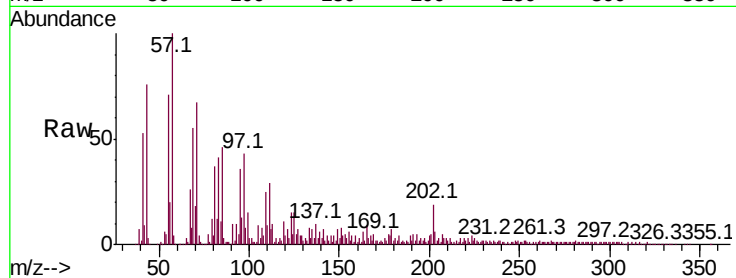




#80
Pvrene
Concen: 1.500 ng/ul
RT: 19.47 min Scan# 2803
Delta R.T. -0.01 min
Lab File: BM017429.D
Acq: 31 Oct 2018 14:01

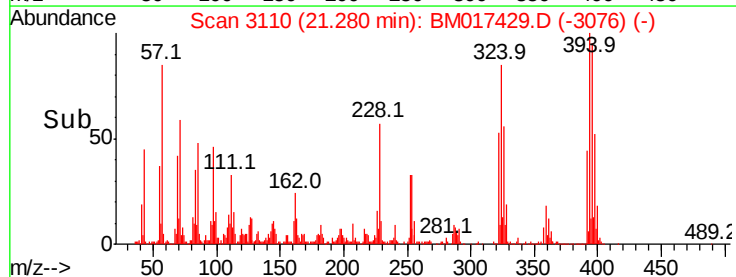
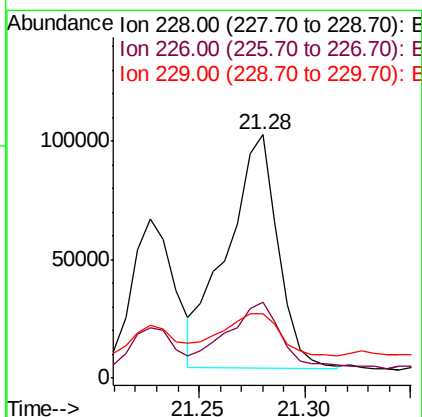
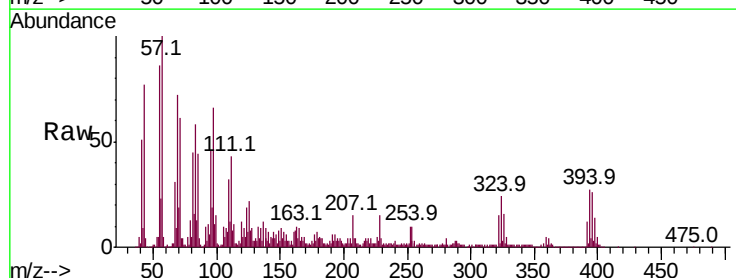
Instrument :
BNA_M
ClientSampleId :

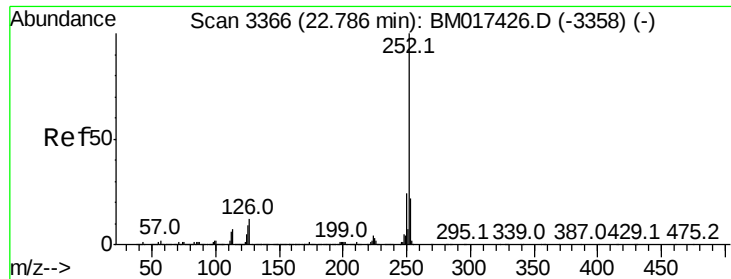
Tot Ion	Ratio	Lower	Upper
202	100		
101	13.6	9.5	14.3
100	15.8	8.1	12.1



#85
Chrysene
Concen: 1.772 ng/ul
RT: 21.28 min Scan# 3110
Delta R.T. 0.00 min
Lab File: BM017429.D
Acq: 31 Oct 2018 14:01

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.0	23.3	34.9
229	26.3	15.6	23.4





#88

Benzo(b)fluoranthene

Concen: 1.500 ng/ul

RT: 22.80 min Scan# 3368

Delta R.T. 0.00 min

Lab File: BM017429.D

Acq: 31 Oct 2018 14:01

Instrument :

BNA_M

ClientSampleId :

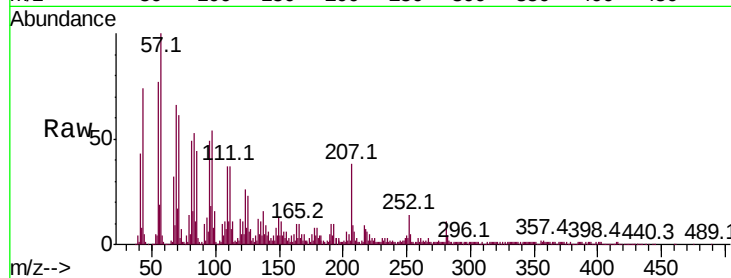
Tot Ion: 252 Resp: 119982

Ion Ratio Lower Upper

252 100

253 35.9 17.6 26.4#

125 165.4 7.2 10.8#



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

