

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM092618\
 Data File : BM016909.D
 Acq On : 26 Sep 2018 21:02
 Operator : MJ/SJ
 Sample : J5040-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 27 02:44:00 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	7.72	152	284760	20.00	ng/ul	0.00
18) Naphthalene-d8	10.50	136	1177531	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.36	164	624107	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.10	188	1376832	20.00	ng/ul	0.00
78) Chrysene-d12	21.29	240	1500311	20.00	ng/ul	0.00
86) Perylene-d12	23.53	264	1632918	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.26	96	22289	3.35	ng/uL	0.00
5) Phenol-d5	6.89	99	479613	19.97	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.06	67	292058	19.64	ng/ul	0.00
9) 2-Chlorophenol-d4	7.25	132	417853	21.32	ng/ul	0.00
13) 4-Methylphenol-d8	8.42	113	362671	19.51	ng/ul	0.00
19) Nitrobenzene-d5	8.87	128	193179	24.97	ng/ul	0.00
22) 2-Nitrophenol-d4	9.59	143	201612	28.66	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.12	165	379643	21.24	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	381804	17.69	ng/ul	0.00
44) Dimethylphthalate-d6	13.77	166	1098445	21.92	ng/ul	0.00
47) Acenaphthylene-d8	14.04	160	1420142	21.94	ng/ul	0.00
52) 4-Nitrophenol-d4	14.56	143	158775	19.31	ng/ul	0.00
58) Fluorene-d10	15.35	176	987887	22.59	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.47	200	80033	14.16	ng/ul	0.00
71) Anthracene-d10	17.20	188	1506302	22.68	ng/ul	0.00
79) Pyrene-d10	19.50	212	1688592	23.19	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.39	264	1984744	23.30	ng/ul	0.00

Target Compounds

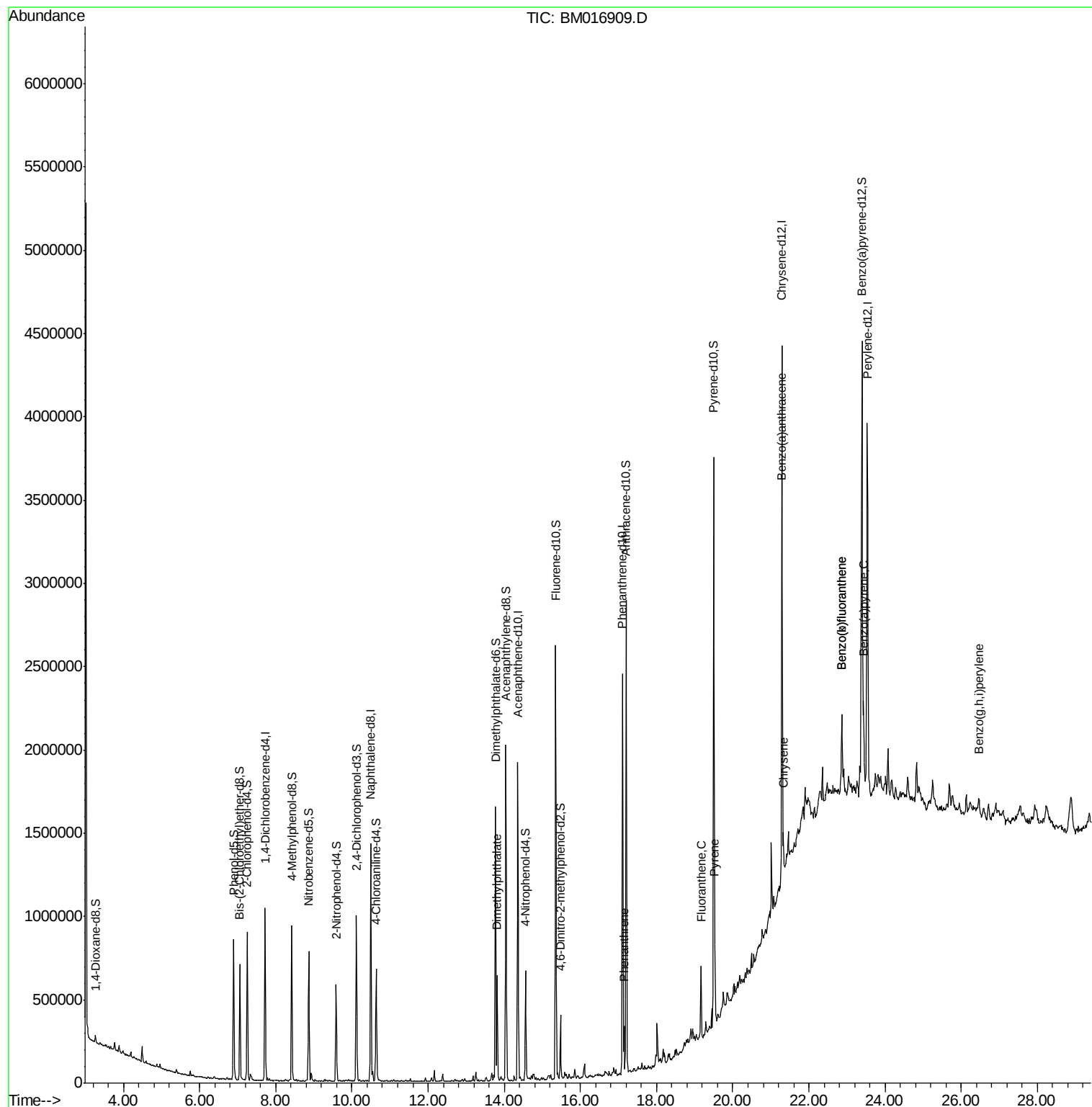
				Ovalue	
45) Dimethylphthalate	13.82	163	398894	8.145	ng/ul 99
70) Phenanthrene	17.14	178	174993	2.288	ng/ul 98
77) Fluoranthene	19.17	202	250037	2.852	ng/ul# 93
80) Pyrene	19.53	202	294123	3.193	ng/ul# 87
83) Benzo(a)anthracene	21.28	228	144090	1.551	ng/ul 97
85) Chrysene	21.33	228	157346	1.817	ng/ul 96
88) Benzo(b)fluoranthene	22.86	252	192275	1.967	ng/ul# 78
89) Benzo(k)fluoranthene	22.86	252	192275	2.049	ng/ul# 77
91) Benzo(a)pyrene	23.44	252	141436	1.518	ng/ul# 77
94) Benzo(a,h,i)perylene	26.46	276	127811	1.387	ng/ul# 81

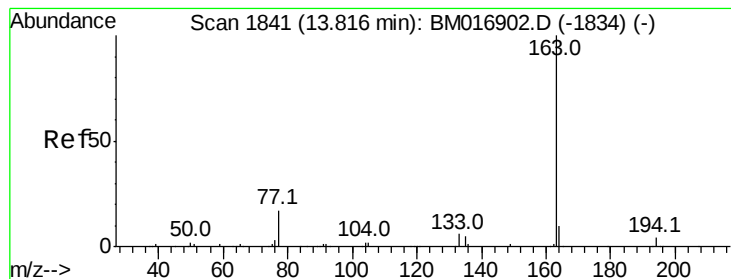
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Sep 27 02:42:56 2018
Response via : Initial Calibration





#45

Dimethylphthalate

Concen: 8.145 ng/ul

RT: 13.82 min Scan# 1841

Delta R.T. -0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

ClientSampleId :

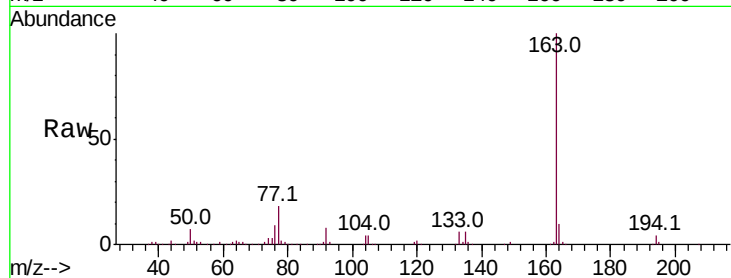
Tot Ion:163 Resp: 398894

Ion Ratio Lower Upper

163 100

194 4.3 4.0 6.0

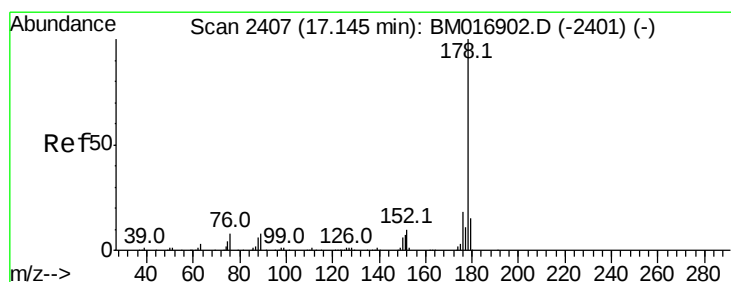
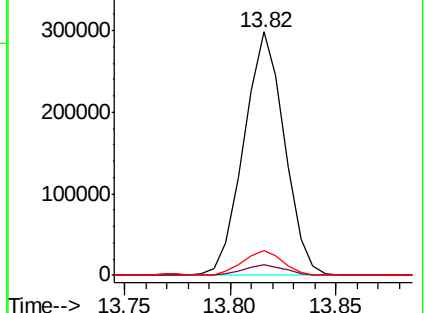
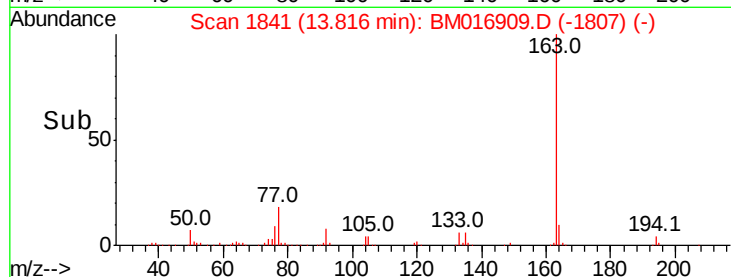
164 10.3 8.4 12.6



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70

Phenanthrene

Concen: 2.288 ng/ul

RT: 17.14 min Scan# 2407

Delta R.T. -0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

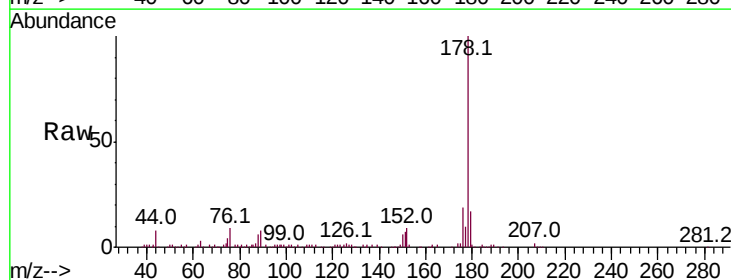
Tgt Ion:178 Resp: 174993

Ion Ratio Lower Upper

178 100

179 17.0 12.3 18.5

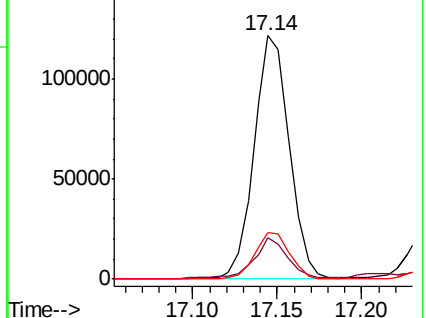
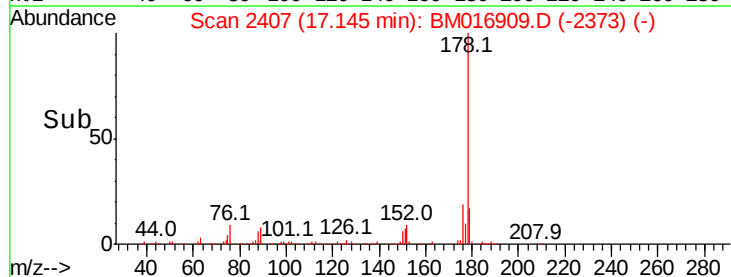
176 19.2 15.4 23.0

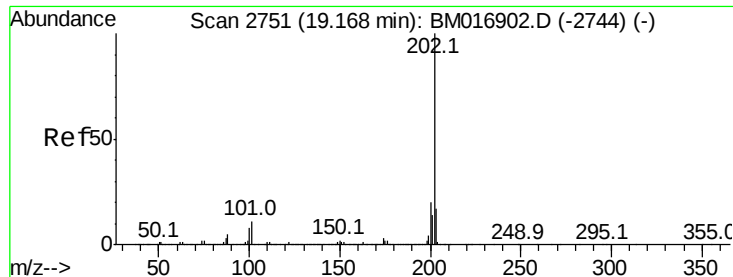


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

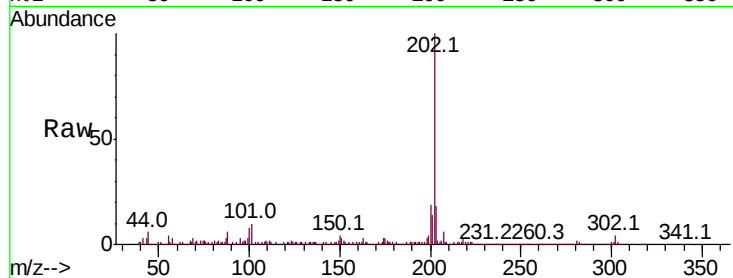




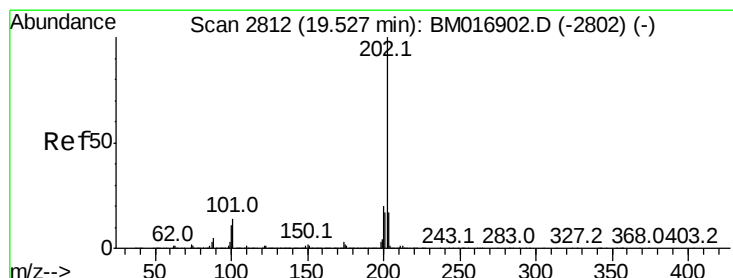
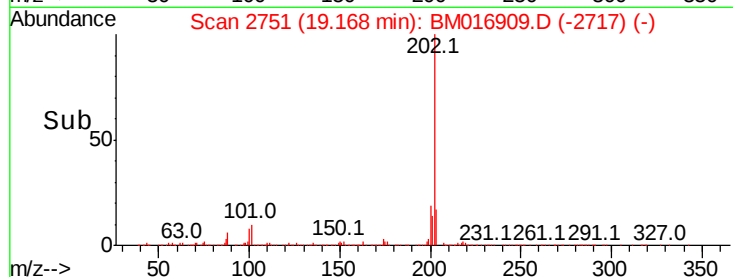
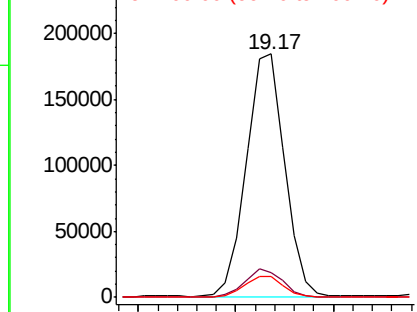
#77
 Fluoranthene
 Concen: 2.852 ng/ul
 RT: 19.17 min Scan# 2751
 Delta R.T. -0.00 min
 Lab File: BM016909.D
 Acq: 26 Sep 2018 21:02

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Resp	Lower	Upper
202	100	250037		
101	10.1		6.1	9.1#
100	8.4		4.6	7.0#

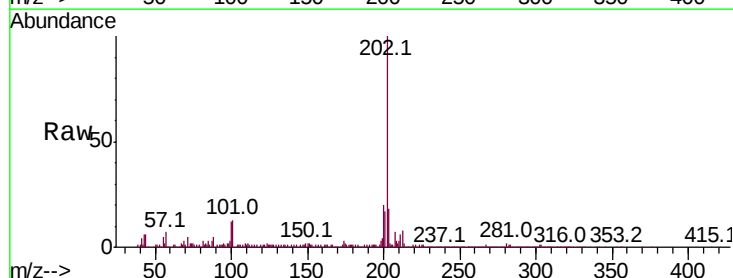


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 100.00 (99.70 to 100.70): B

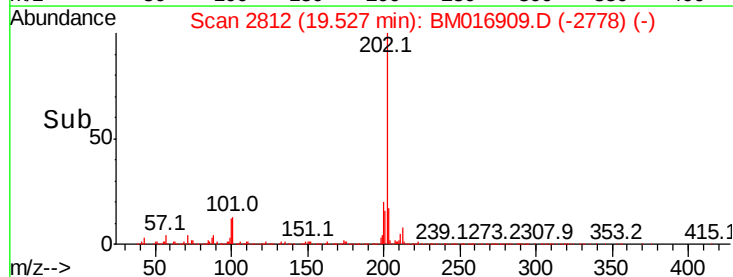
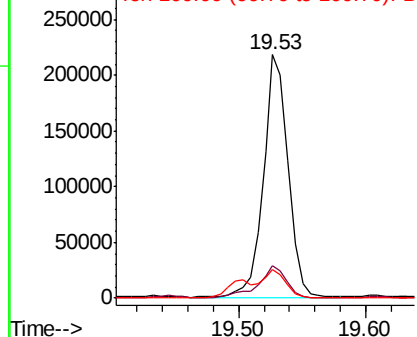


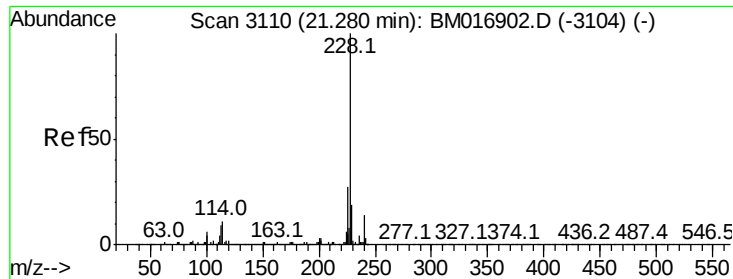
#80
 Pyrene
 Concen: 3.193 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. -0.00 min
 Lab File: BM016909.D
 Acq: 26 Sep 2018 21:02

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	294123		
101	13.1		6.9	10.3#
100	11.6		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: 1.551 ng/ul

RT: 21.28 min Scan# 3110

Delta R.T. 0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

ClientSampleId :

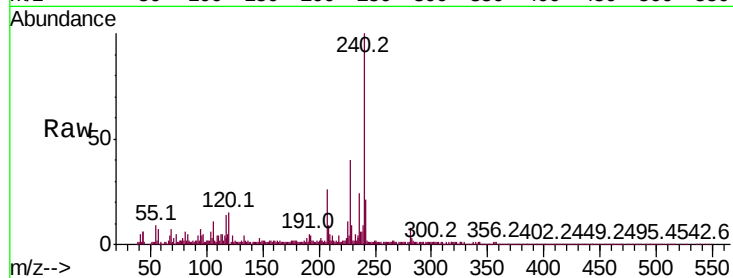
Tot Ion:228 Resp: 144090

Ion	Ratio	Lower	Upper
228	100		
229	23.5	16.0	24.0
226	27.1	21.8	32.8

228 100

229 23.5 16.0 24.0

226 27.1 21.8 32.8

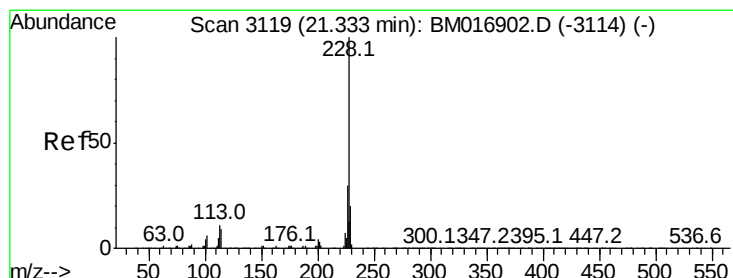
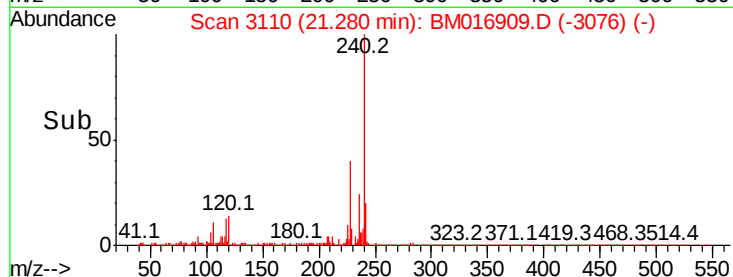
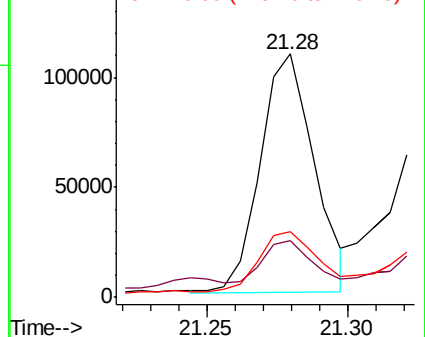


Abundance

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: 1.817 ng/ul

RT: 21.33 min Scan# 3119

Delta R.T. -0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

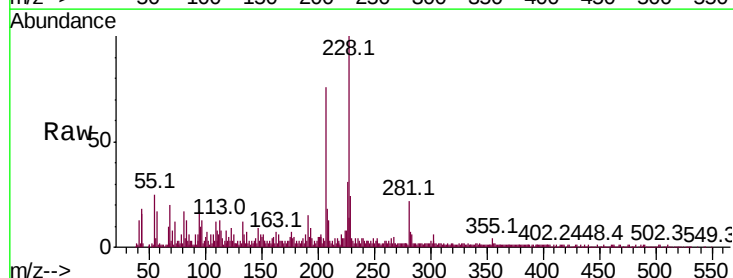
Tgt Ion:228 Resp: 157346

Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.1	36.1
229	23.9	16.0	24.0

228 100

226 30.6 24.1 36.1

229 23.9 16.0 24.0

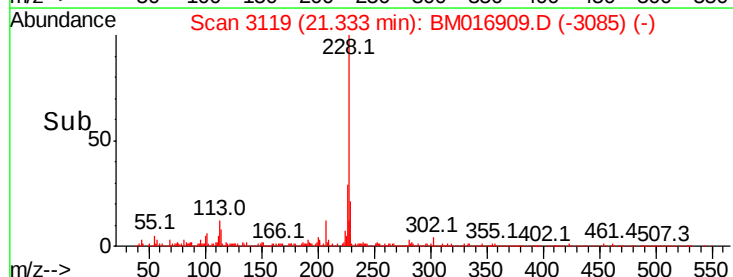
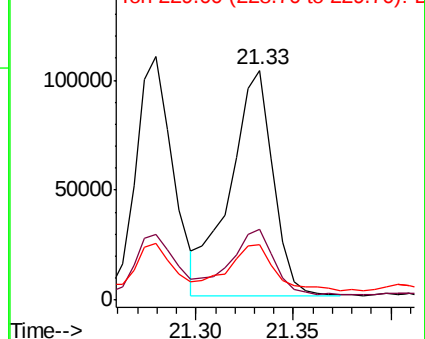


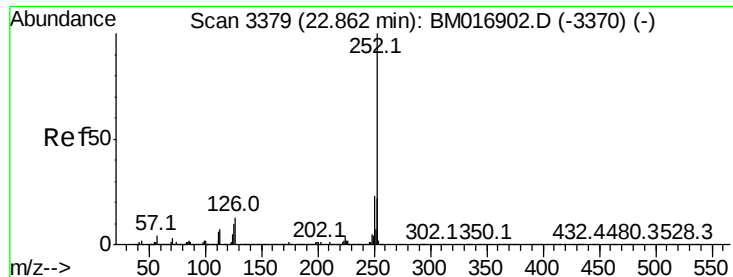
Abundance

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





#88

Benzo(b)fluoranthene

Concen: 1.967 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. 0.00 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

ClientSampleId :

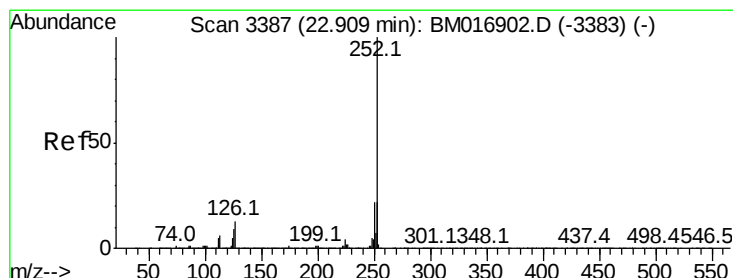
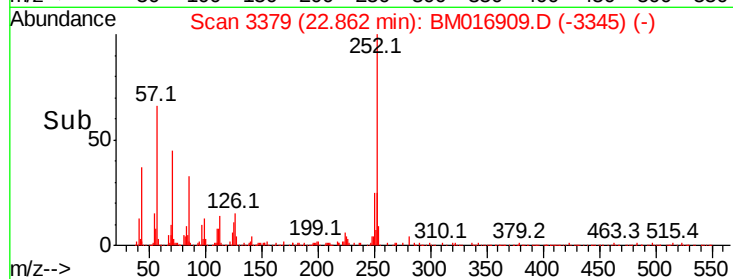
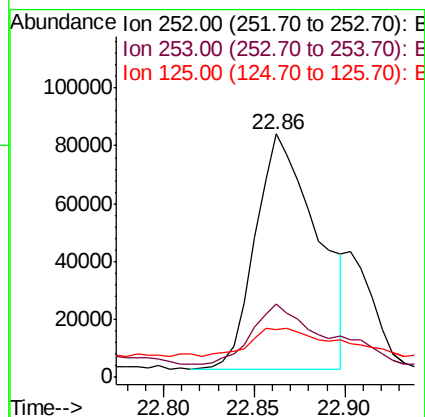
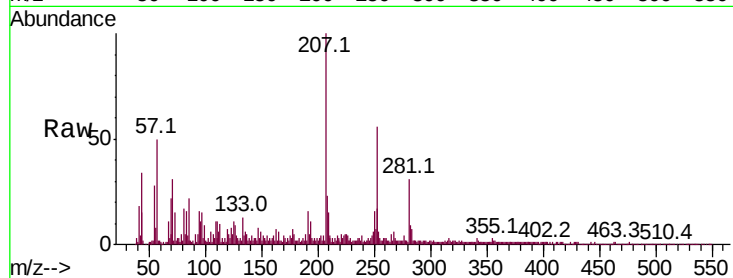
Tot Ion:252 Resp: 192275

Ion Ratio Lower Upper

252 100

253 29.9 17.4 26.0#

125 19.8 4.9 7.3#



#89

Benzo(k)fluoranthene

Concen: 2.049 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.05 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

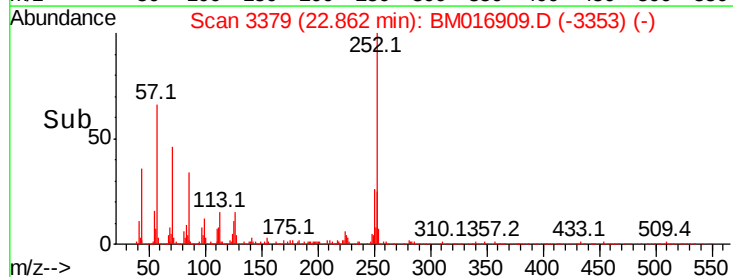
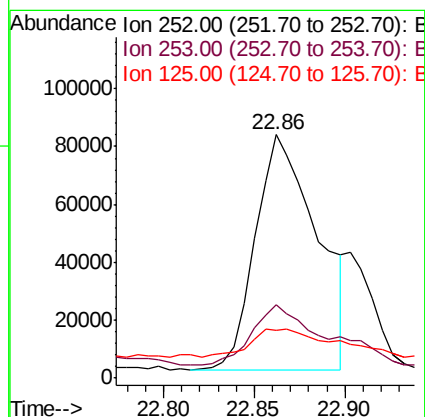
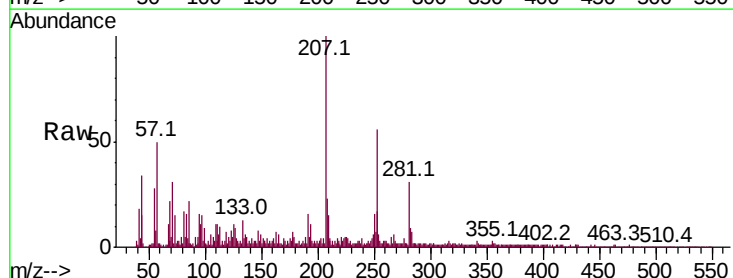
Tgt Ion:252 Resp: 192275

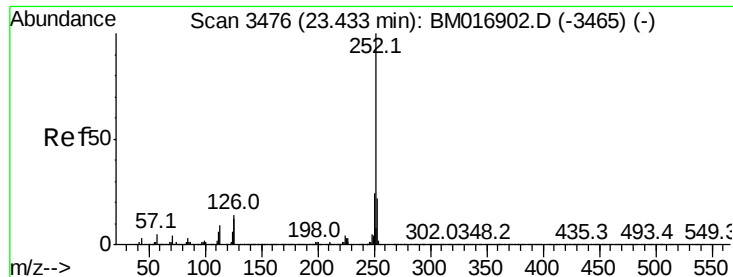
Ion Ratio Lower Upper

252 100

253 29.9 17.1 25.7#

125 19.8 5.4 8.0#





#91

Benzo(a)pyrene

Concen: 1.518 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. 0.01 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

Instrument :

BNA_M

ClientSampleId :

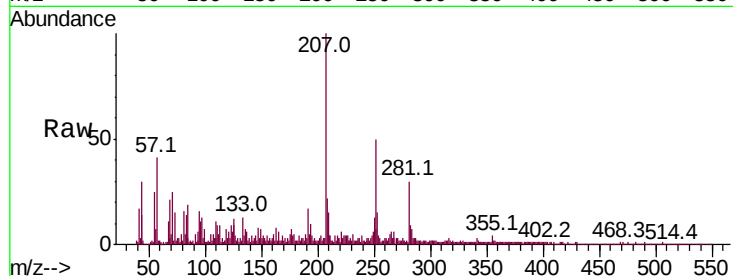
Tot Ion:252 Resp: 141436

Ion Ratio Lower Upper

252 100

253 29.0 17.2 25.8#

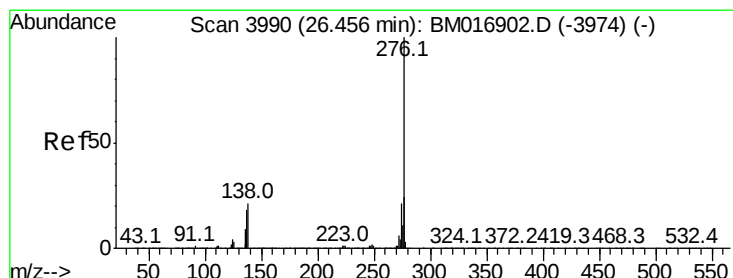
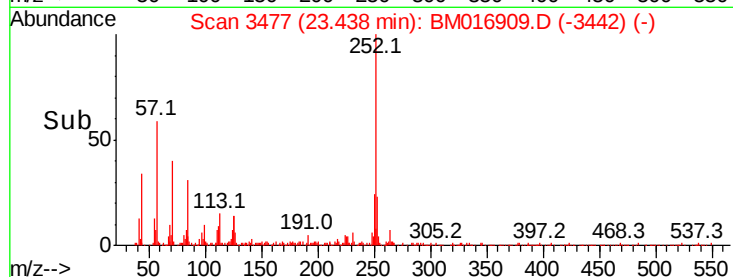
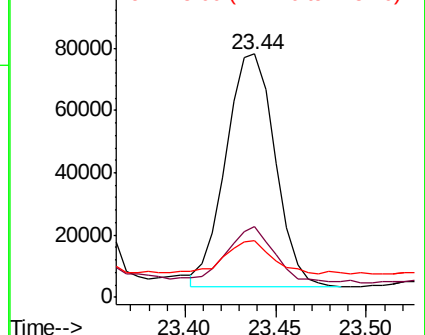
125 23.0 5.8 8.6#



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



#94

Benzo(g,h,i)perylene

Concen: 1.387 ng/ul

RT: 26.46 min Scan# 3991

Delta R.T. 0.01 min

Lab File: BM016909.D

Acq: 26 Sep 2018 21:02

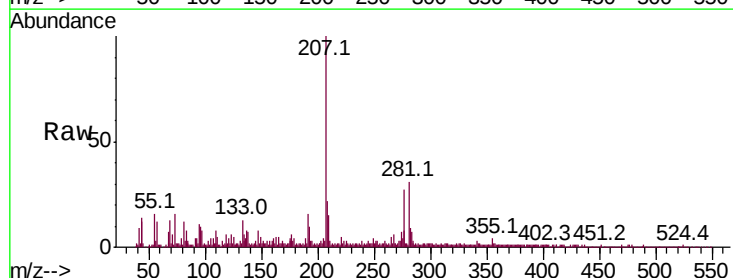
Tgt Ion:276 Resp: 127811

Ion Ratio Lower Upper

276 100

138 26.1 11.2 16.8#

277 29.9 19.0 28.6#



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

