

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121919\
 Data File : BM024178.D
 Acq On : 19 Dec 2019 17:35
 Operator : JU
 Sample : K6171-17
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 20 03:36:29 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 17 15:54:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.44	152	285316	20.00	ng/ul	-0.01
18) Naphthalene-d8	10.20	136	1246533	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.10	164	788375	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	1647938	20.00	ng/ul	-0.01
78) Chrysene-d12	21.07	240	1551180	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1805053	20.00	ng/ul	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	3.00	96	18753	2.90	ng/uL	0.00
5) Phenol-d5	6.64	99	322041	11.92	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	6.79	67	242873	14.99	ng/ul	-0.01
9) 2-Chlorophenol-d4	6.97	132	265653	13.79	ng/ul	-0.02
13) 4-Methylphenol-d8	8.16	113	221037	10.01	ng/ul	-0.01
19) Nitrobenzene-d5	8.59	128	126296	14.10	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.31	143	137645	13.98	ng/ul	-0.01
26) 2,4-Dichlorophenol-d3	9.85	165	246966	12.90	ng/ul	0.00
29) 4-Chloroaniline-d4	10.36	131	273236	11.75	ng/ul	-0.01
44) Dimethylphthalate-d6	13.53	166	932807	16.00	ng/ul	-0.01
47) Acenaphthylene-d8	13.79	160	1049953	15.03	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.36	143	70233	6.71	ng/ul	0.00
58) Fluorene-d10	15.10	176	803417	15.72	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.26	200	83137	8.27	ng/ul	0.00
71) Anthracene-d10	16.96	188	1128313	15.05	ng/ul	-0.01
79) Pyrene-d10	19.26	212	1320093	17.87	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.07	264	1499142	16.72	ng/ul	-0.01

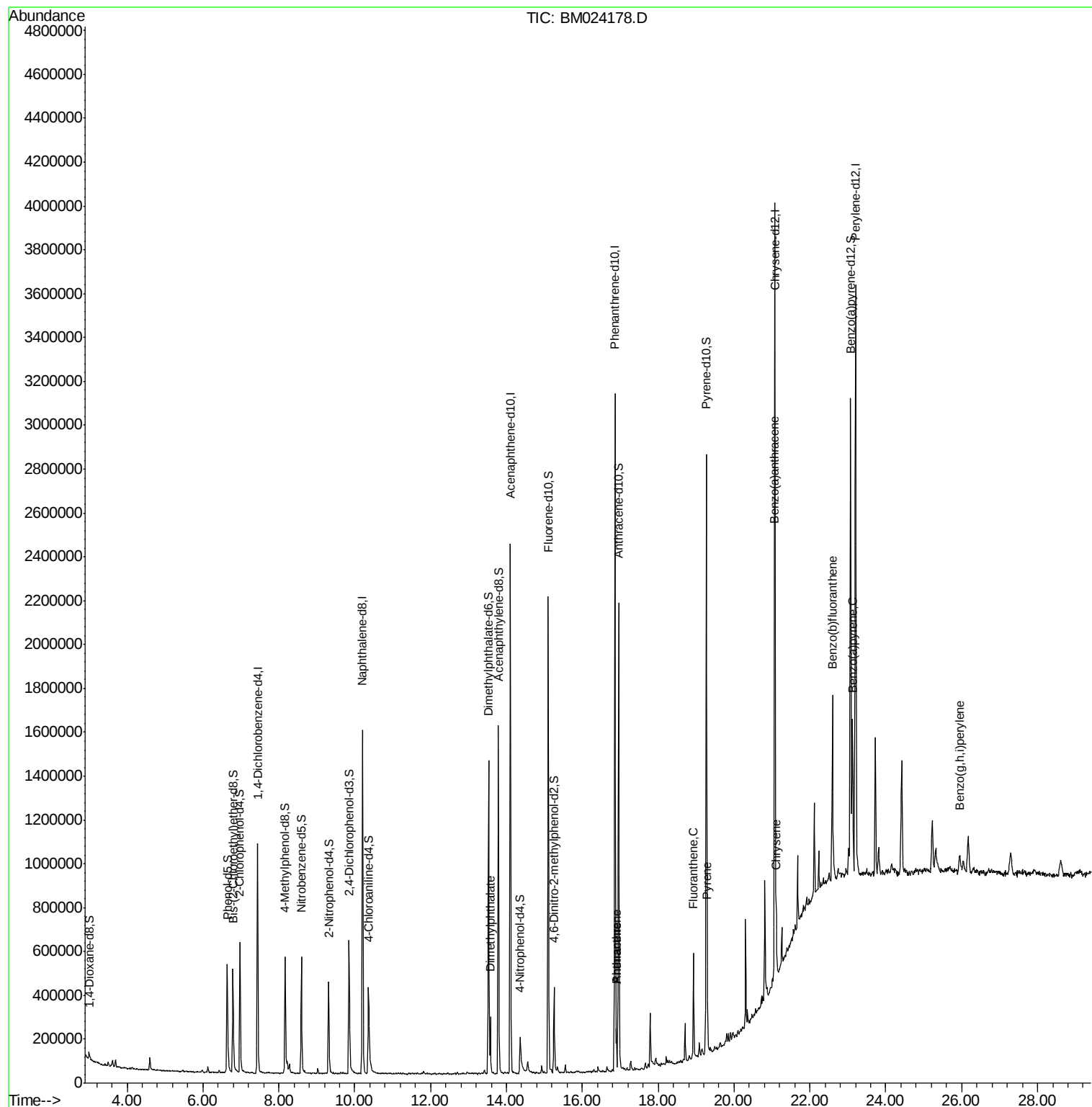
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.57	163	162359	2.680	ng/ul	98
70) Phenanthrene	16.90	178	95749	1.038	ng/ul	99
72) Anthracene	16.90	178	95749	1.032	ng/ul	98
77) Fluoranthene	18.93	202	273284	2.718	ng/ul	99
80) Pyrene	19.29	202	232317	2.294	ng/ul	100
83) Benzo(a)anthracene	21.06	228	110279	1.116	ng/ul	97
85) Chrysene	21.11	228	135979	1.404	ng/ul	96
88) Benzo(b)fluoranthene	22.58	252	189496	1.755	ng/ul#	92
91) Benzo(a)pyrene	23.11	252	118101	1.209	ng/ul#	94
94) Benzo(a,h,i)perylene	25.95	276	95899	1.001	ng/ul	97

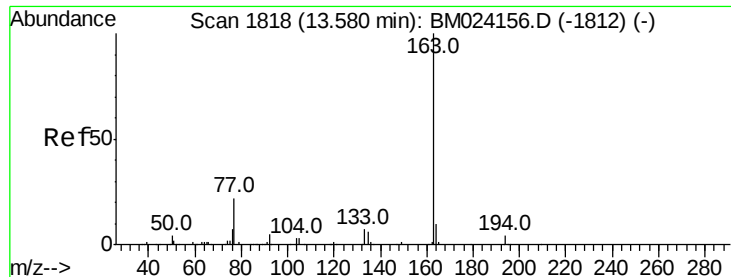
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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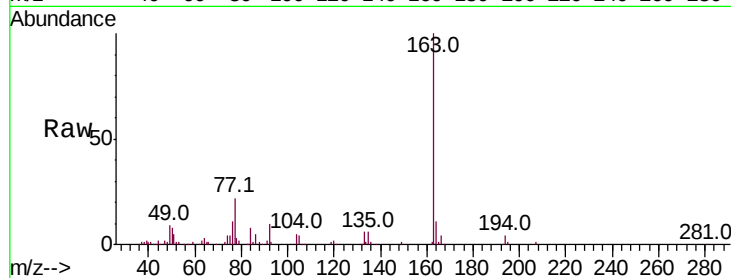




#45
Dimethylphthalate
Concen: 2.680 ng/ul
RT: 13.57 min Scan# 1817
Delta R.T. -0.01 min
Lab File: BM024178.D
Acq: 19 Dec 2019 17:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.9	3.2	4.8
164	10.6	7.8	11.6

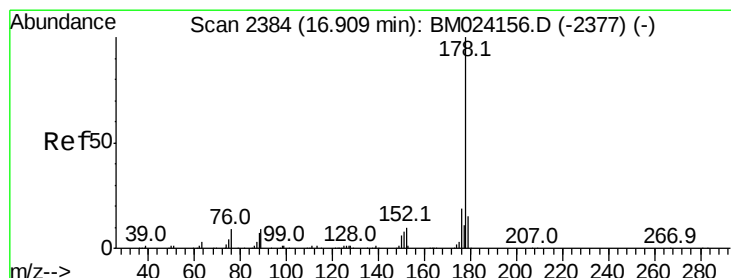
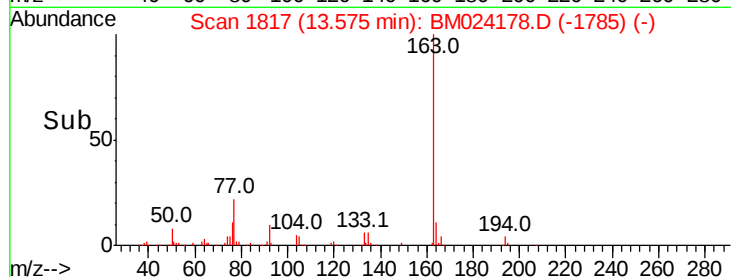
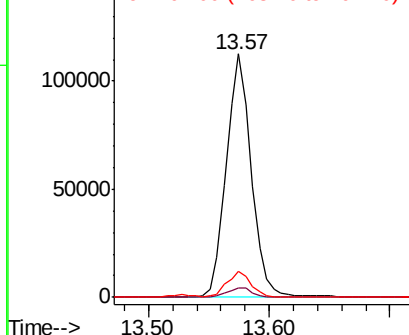


Abundance

Ion 163.00 (162.70 to 163.70): E

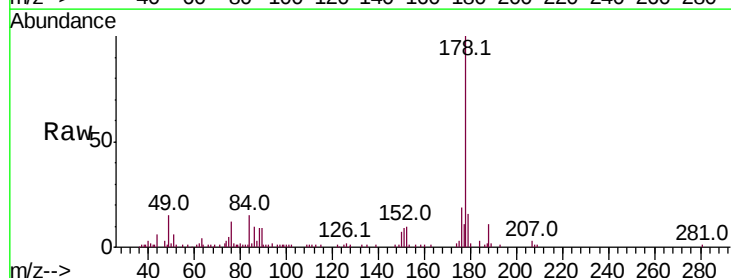
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 1.038 ng/ul
RT: 16.90 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BM024178.D
Acq: 19 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.6	19.0
176	19.1	15.1	22.7

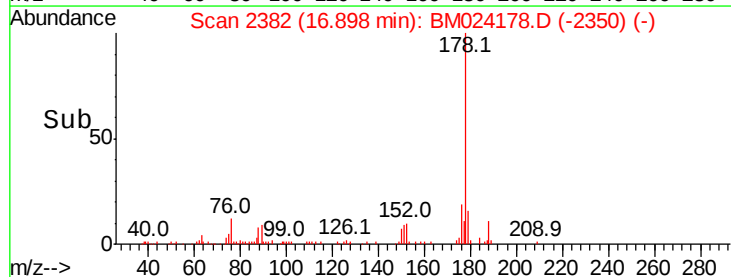
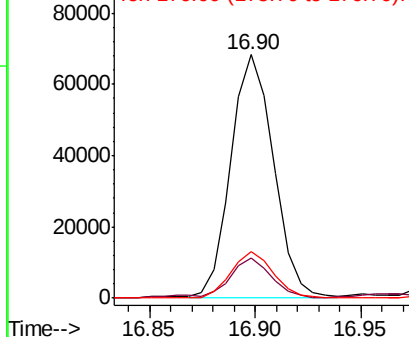


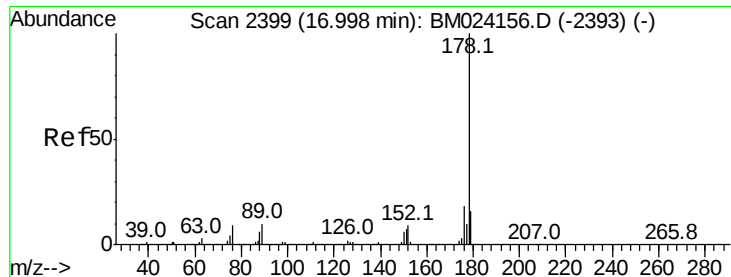
Abundance

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





#72

Anthracene

Concen: 1.032 ng/ul

RT: 16.90 min Scan# 2382

Delta R.T. -0.11 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

Instrument :

BNA_M

ClientSampleId :

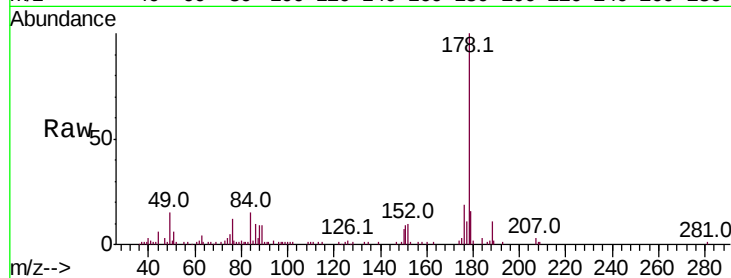
Tot Ion:178 Resp: 95749

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.3	18.5
176	19.1	14.7	22.1

178 100

179 16.3 12.3 18.5

176 19.1 14.7 22.1

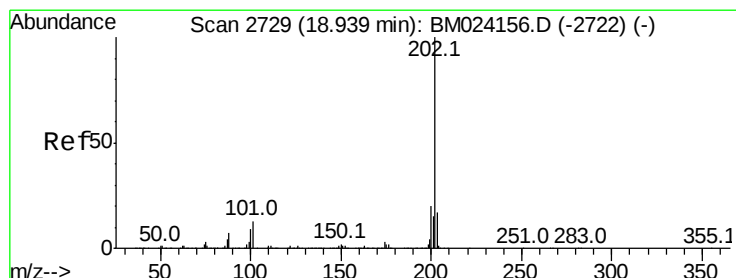
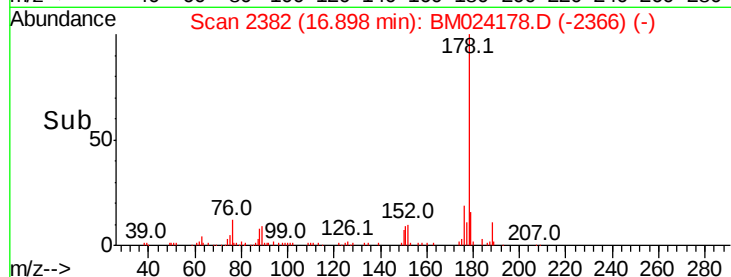
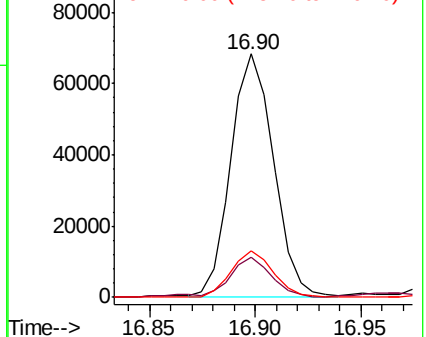


Abundance

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: 2.718 ng/ul

RT: 18.93 min Scan# 2728

Delta R.T. -0.01 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

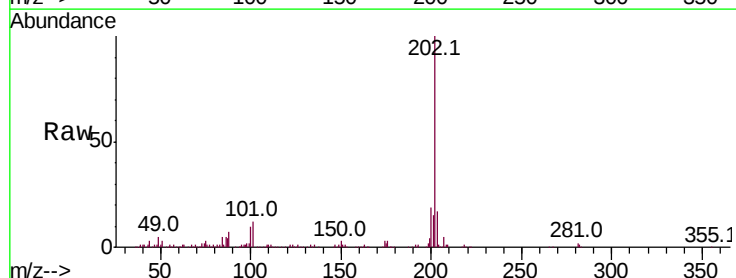
Tgt Ion:202 Resp: 273284

Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	15.8
100	10.0	8.1	12.1

202 100

101 12.3 10.6 15.8

100 10.0 8.1 12.1

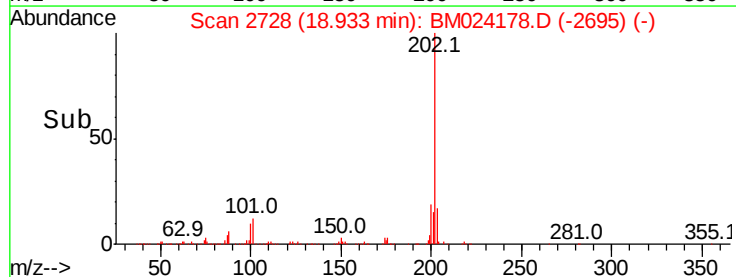
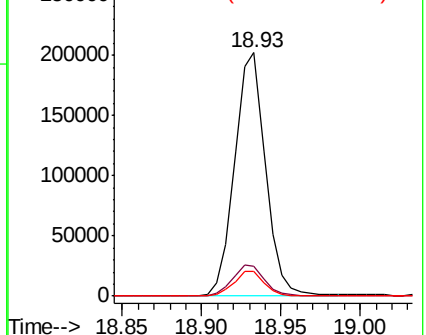


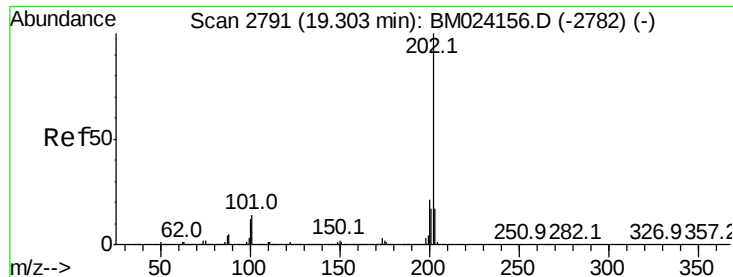
Abundance

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

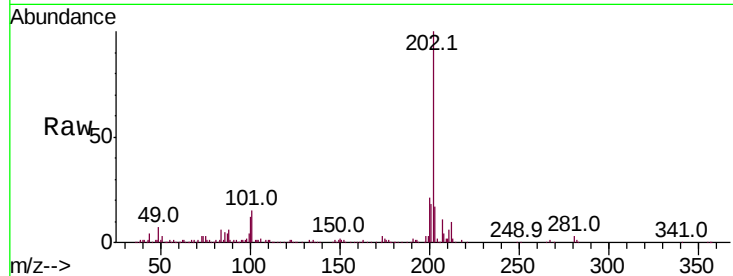




#80
Pvrene
Concen: 2.294 ng/ul
RT: 19.29 min Scan# 2789
Delta R.T. -0.01 min
Lab File: BM024178.D
Acq: 19 Dec 2019 17:35

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
202	100		
101	15.2	12.2	18.4
100	12.5	10.0	15.0

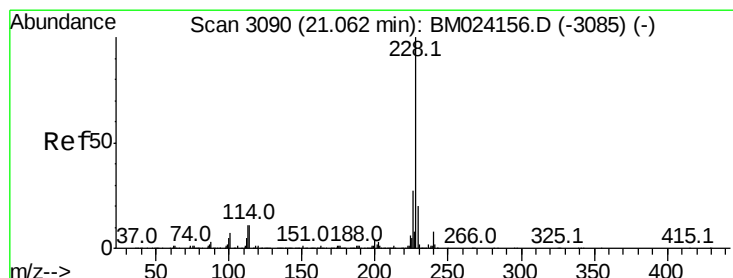
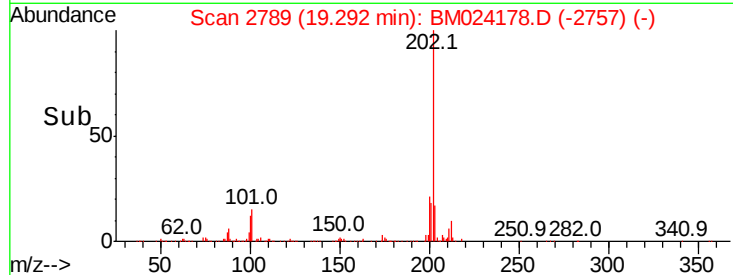
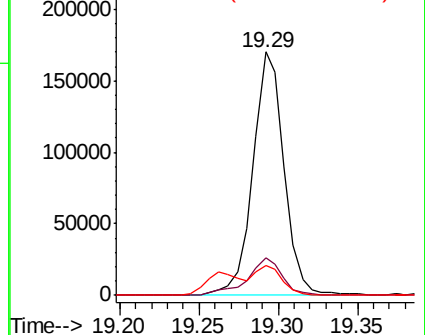


Abundance

Ion 202.00 (201.70 to 202.70): E

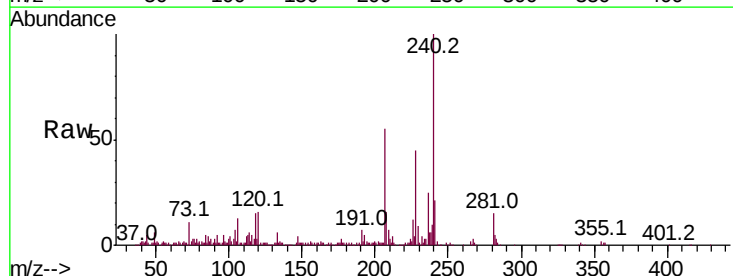
Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E



#83
Benzo(a)anthracene
Concen: 1.116 ng/ul
RT: 21.06 min Scan# 3089
Delta R.T. -0.01 min
Lab File: BM024178.D
Acq: 19 Dec 2019 17:35

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	26.2	22.2	33.2

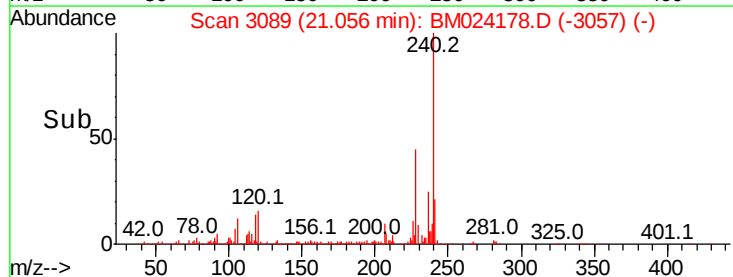
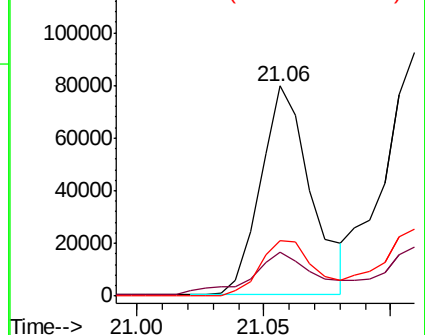


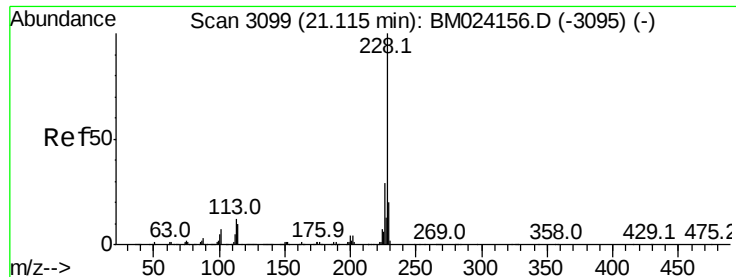
Abundance

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: 1.404 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

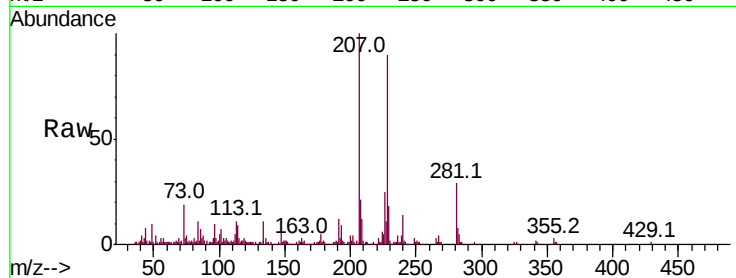
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 135979

Ion	Ratio	Lower	Upper
228	100		
226	27.6	24.0	36.0
229	20.3	15.4	23.2

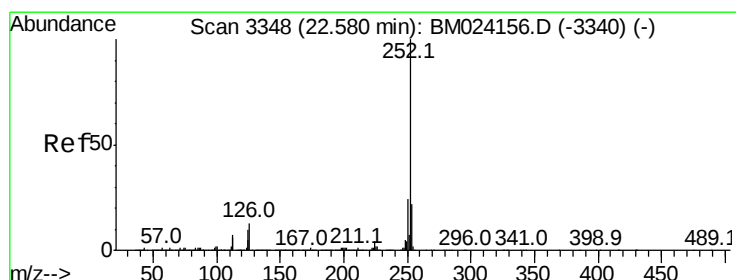
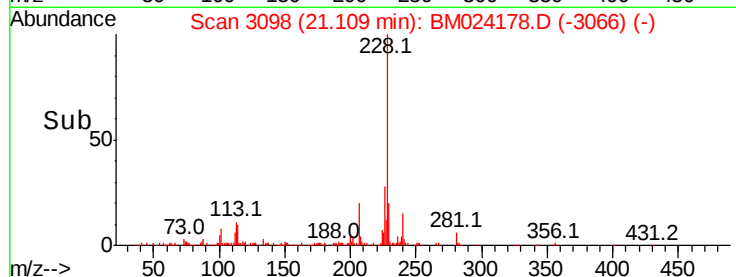
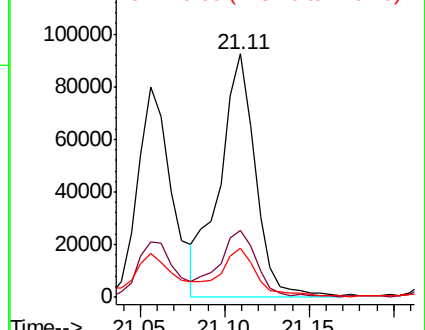


Abundance

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: 1.755 ng/ul

RT: 22.58 min Scan# 3348

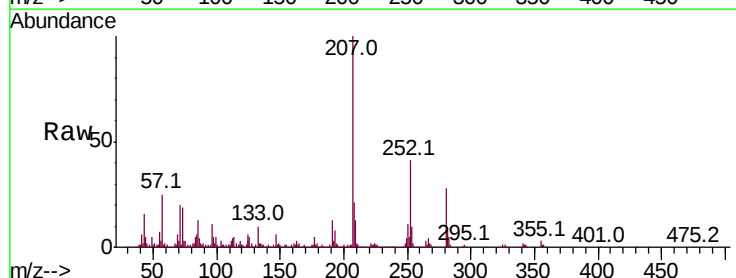
Delta R.T. -0.01 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

Tgt Ion:252 Resp: 189496

Ion	Ratio	Lower	Upper
252	100		
253	25.2	17.2	25.8
125	13.5	7.8	11.8

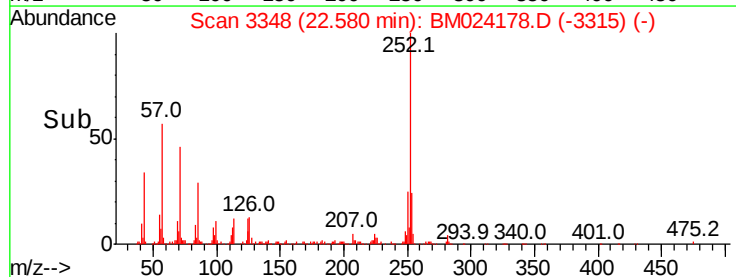
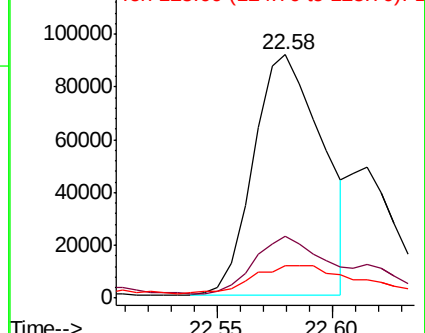


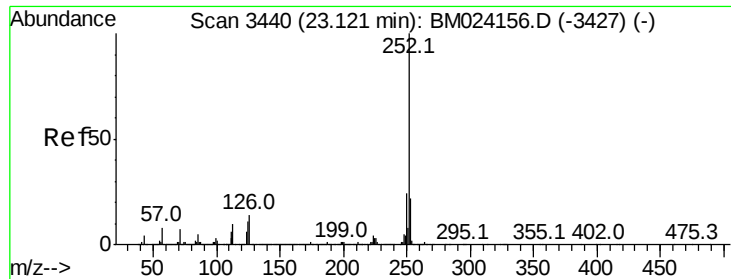
Abundance

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





#91

Benzo(a)pyrene

Concen: 1.209 ng/ul

RT: 23.11 min Scan# 3438

Delta R.T. -0.02 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

Instrument :

BNA_M

ClientSampleId :

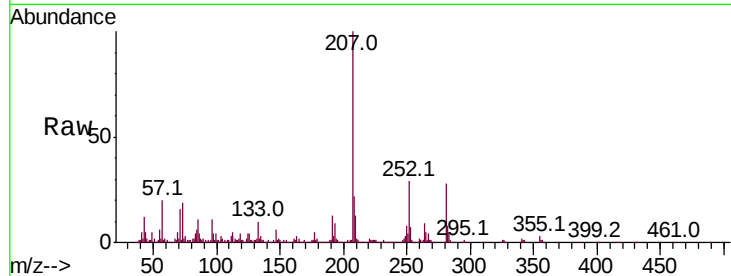
Tot Ion:252 Resp: 118101

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

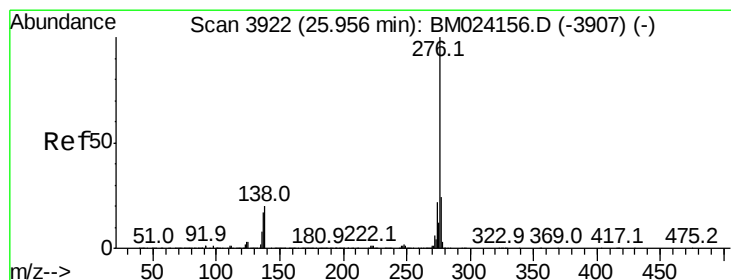
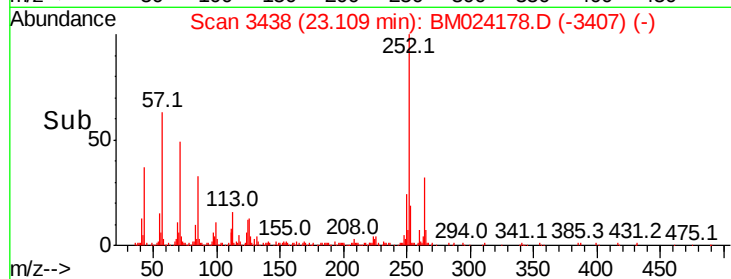
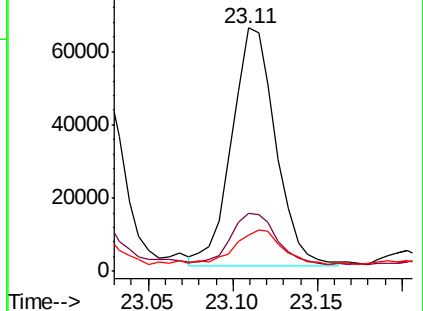
125 14.7 8.2 12.4#



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: 1.001 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024178.D

Acq: 19 Dec 2019 17:35

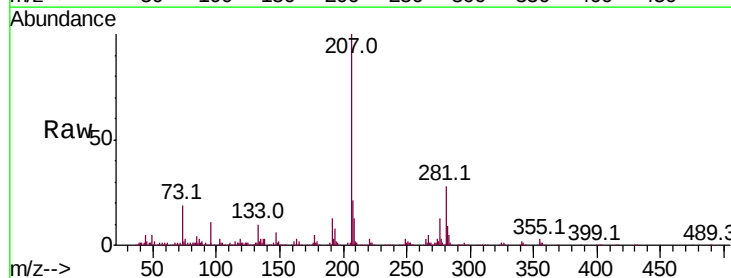
Tgt Ion:276 Resp: 95899

Ion Ratio Lower Upper

276 100

138 19.6 15.3 22.9

277 26.6 19.3 28.9



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

