

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 :
 C0BZ5

Quant Time: Dec 20 04:07:40 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

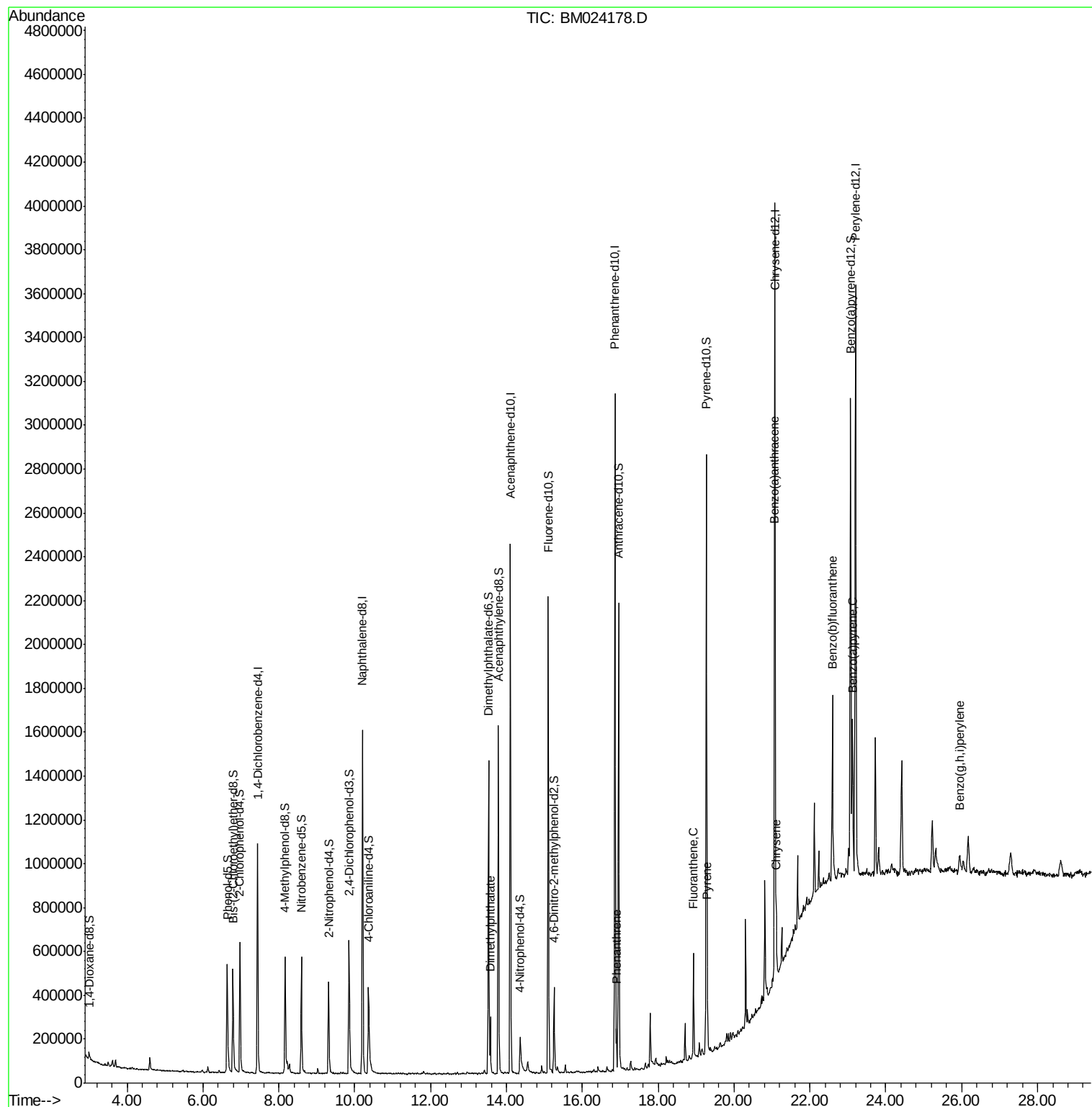
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
45) Dimethylphthalate	13.57	163	162359	2.680	ng/ul	98
70) Phenanthrene	16.90	178	95749	1.038	ng/ul	99
77) Fluoranthene	18.93	202	273284	2.718	ng/ul	99
80) Pyrene	19.29	202	232317	2.294	ng/ul	100
83) Benzo(a)anthracene	21.06	228	110279	1.116	ng/ul	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

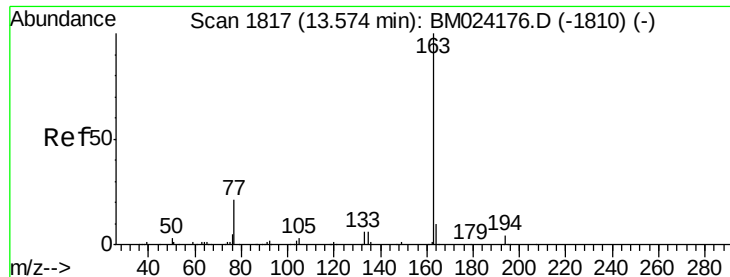
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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 :

C0BZ5

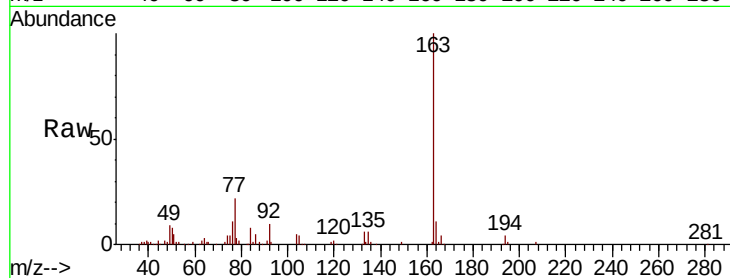
Tot Ion:163 Resp: 162359

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

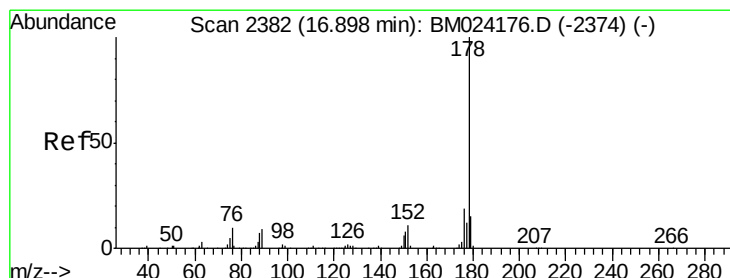
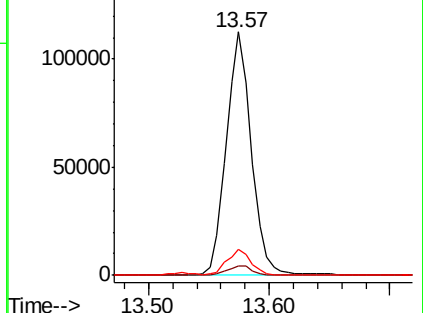
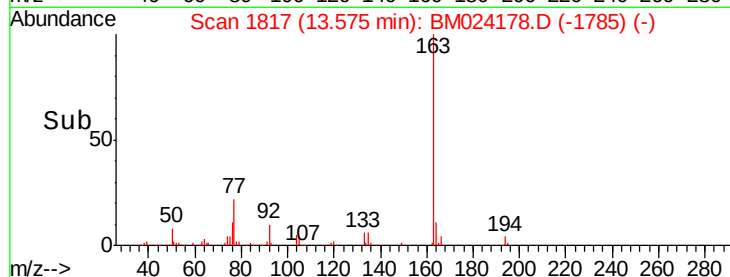
164 10.6 7.8 11.6



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

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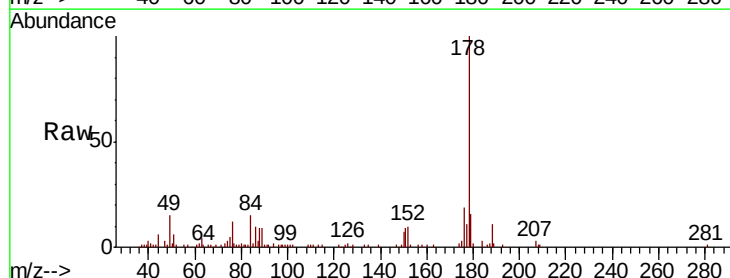
Tgt Ion:178 Resp: 95749

Ion Ratio Lower Upper

178 100

179 16.3 12.6 19.0

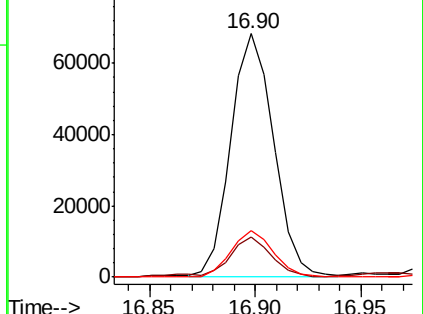
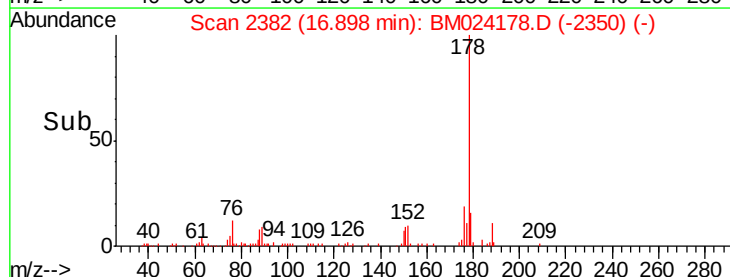
176 19.1 15.1 22.7

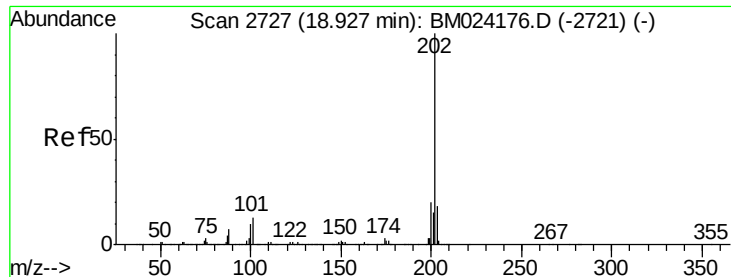


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E

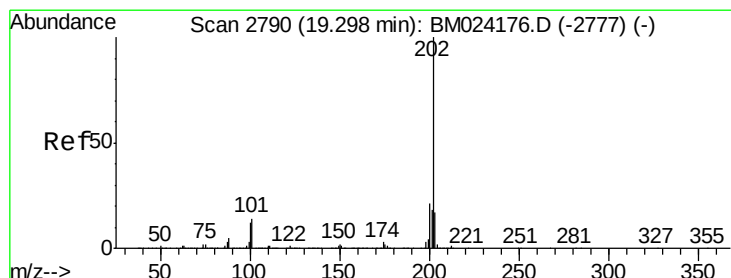
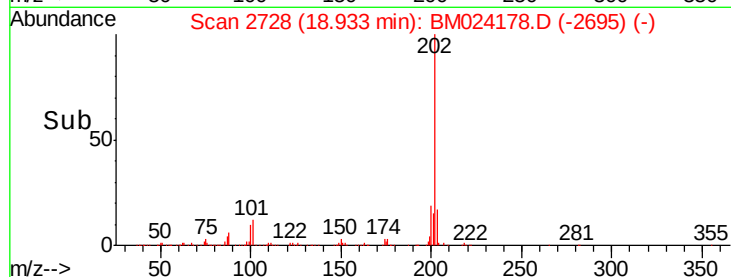
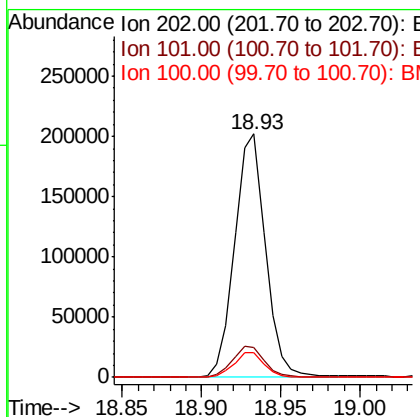
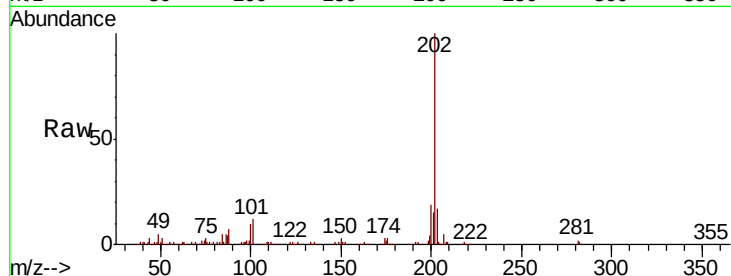




#77
Fluoranthene
Concen: 2.718 ng/ul
RT: 18.93 min Scan# 2728
Delta R.T. -0.01 min
Lab File: BM024178.D
Acq: 19 Dec 2019 17:35

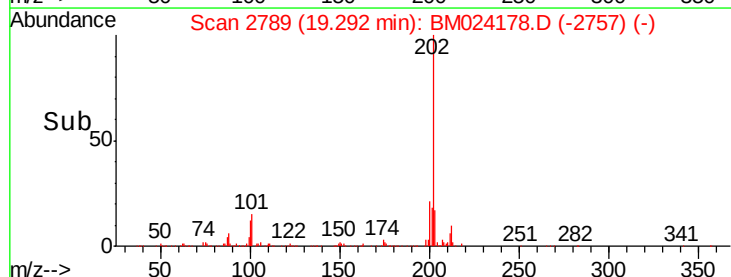
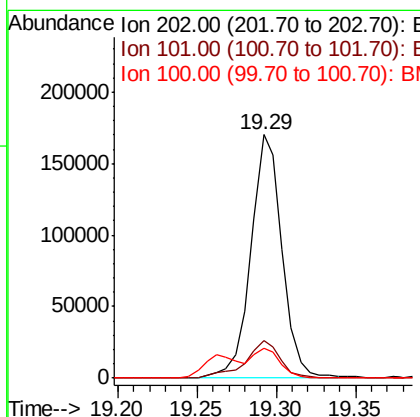
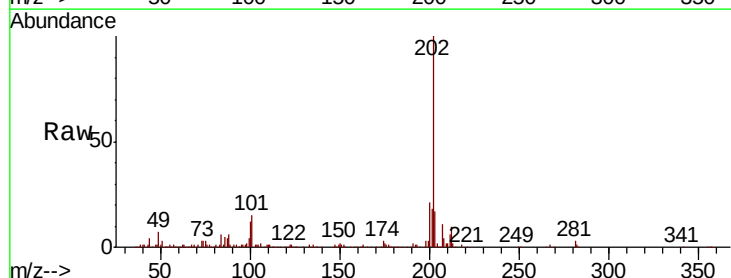
Instrument :
BNA_M
ClientSampleId :
C0BZ5

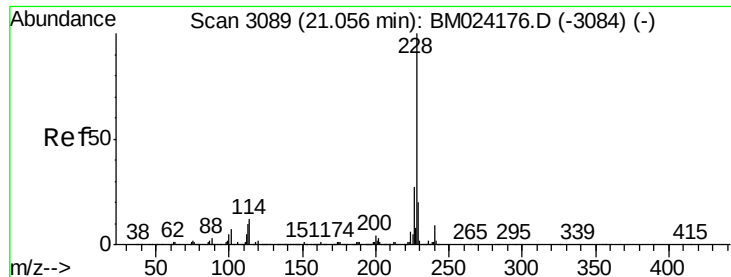
Tot Ion	Ratio	Lower	Upper
202	100		
101	12.3	10.6	15.8
100	10.0	8.1	12.1



#80
Pyrene
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

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





#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

Instrument :

BNA_M

ClientSampleId :

C0BZ5

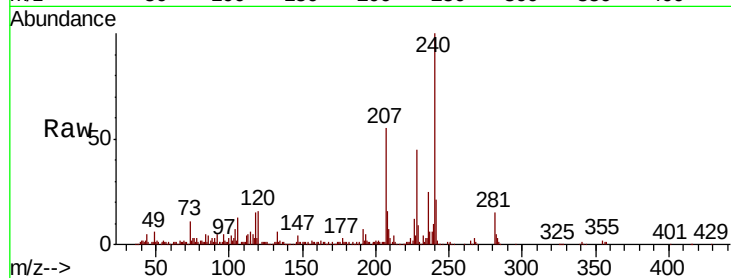
Tot Ion:228 Resp: 110279

Ion Ratio Lower Upper

228 100

229 20.7 15.8 23.8

226 26.2 22.2 33.2

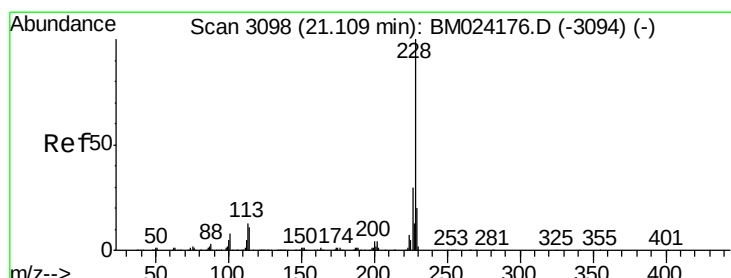
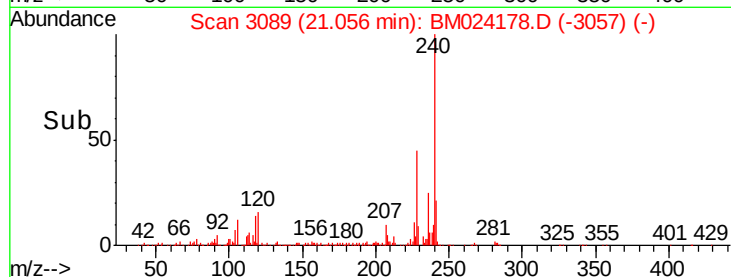
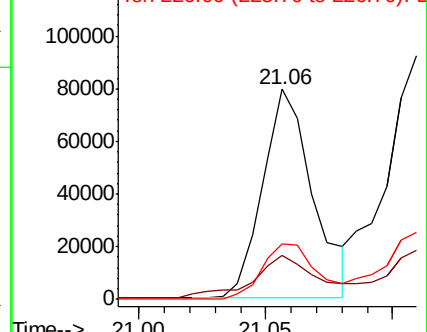


Abundance

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

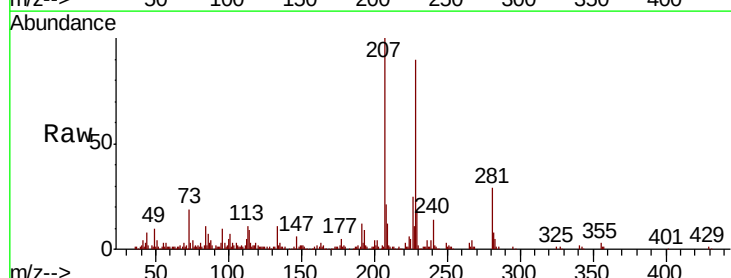
Tgt Ion:228 Resp: 135979

Ion Ratio Lower Upper

228 100

226 27.6 24.0 36.0

229 20.3 15.4 23.2

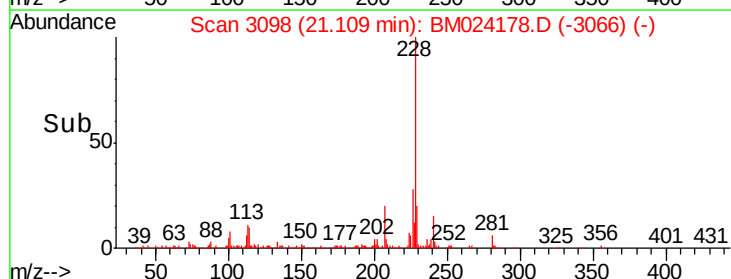
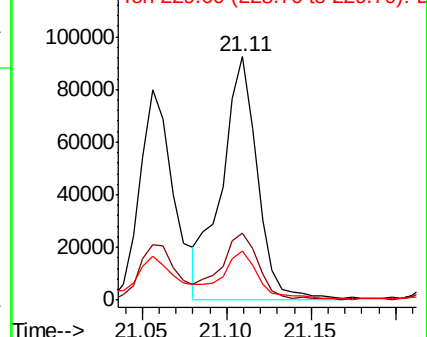


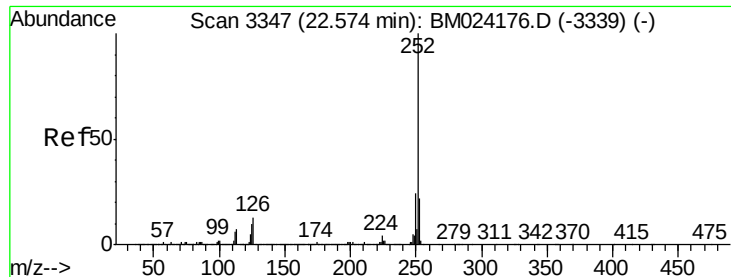
Abundance

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

Instrument :

BNA_M

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C0BZ5

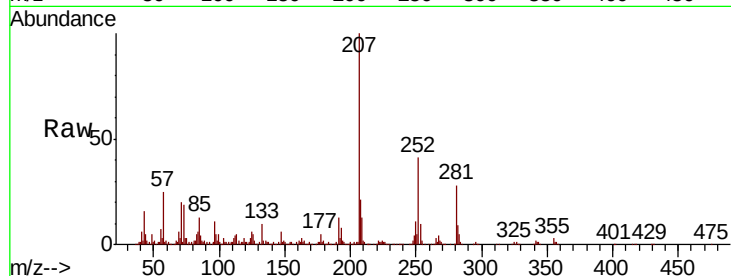
Tot Ion:252 Resp: 189496

Ion Ratio Lower Upper

252 100

253 25.2 17.2 25.8

125 13.5 7.8 11.8#

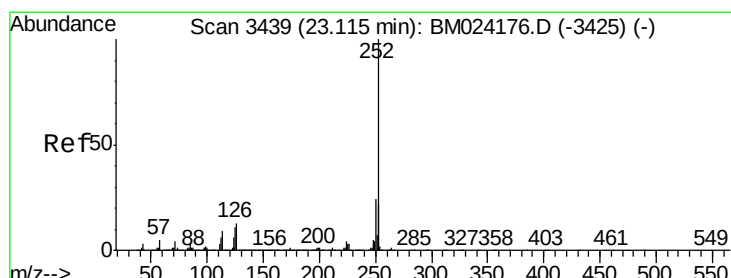
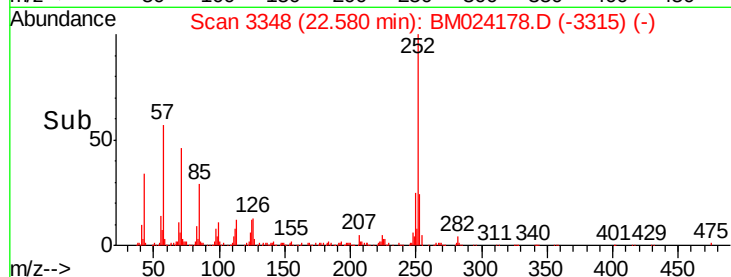
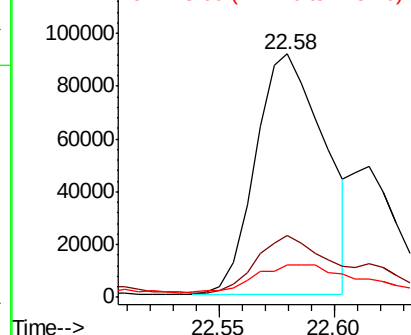


Abundance

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

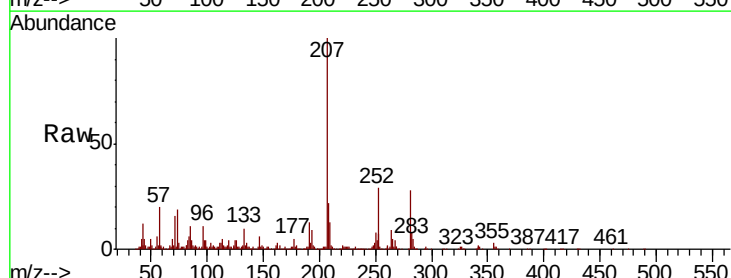
Tgt Ion:252 Resp: 118101

Ion Ratio Lower Upper

252 100

253 23.6 17.5 26.3

125 14.7 8.2 12.4#

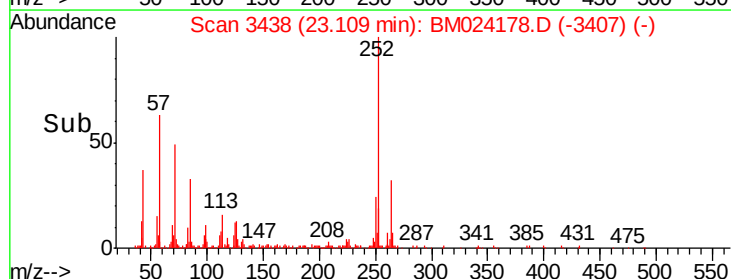
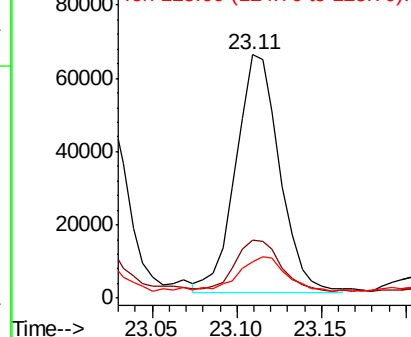


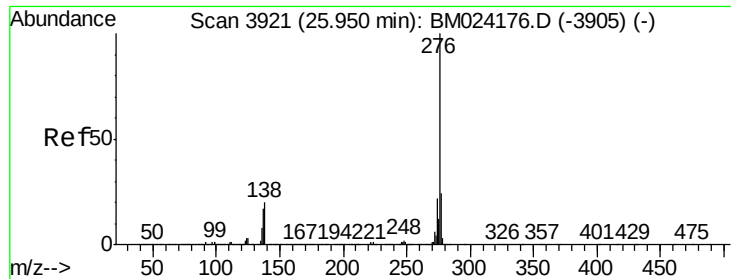
Abundance

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(a,h,i)perylene

Concen: 1.001 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024178.D

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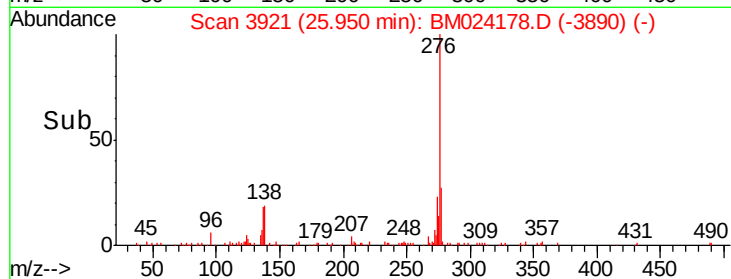
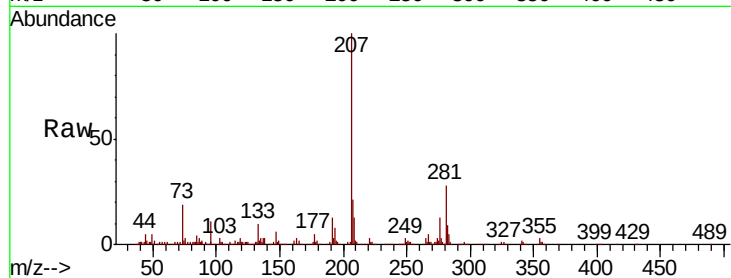
Tot Ion: 276 Resp: 95899

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

