

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM123019\
 Data File : BM024378.D
 Acq On : 30 Dec 2019 18:10
 Operator : JU
 Sample : K6322-11
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C0C95

Quant Time: Jan 02 02:39:55 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Dec 31 03:12:42 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.41	152	210149	20.00	ng/ul	0.00
18) Naphthalene-d8	10.17	136	852242	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.07	164	475368	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.83	188	960734	20.00	ng/ul	0.00
78) Chrysene-d12	21.05	240	943774	20.00	ng/ul	0.00
86) Perylene-d12	23.17	264	1174684	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	2.99	96	25438	5.35	ng/uL	0.00
5) Phenol-d5	6.61	99	433103	21.77	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.76	67	291806	24.45	ng/ul	0.00
9) 2-Chlorophenol-d4	6.95	132	340631	24.00	ng/ul	0.00
13) 4-Methylphenol-d8	8.13	113	301620	18.54	ng/ul	0.00
19) Nitrobenzene-d5	8.56	128	154891	25.29	ng/ul	0.00
22) 2-Nitrophenol-d4	9.28	143	166664	24.75	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.82	165	288643	22.05	ng/ul	0.00
29) 4-Chloroaniline-d4	10.34	131	179353	11.28	ng/ul	0.00
44) Dimethylphthalate-d6	13.50	166	893622	25.42	ng/ul	0.00
47) Acenaphthylene-d8	13.76	160	1090736	25.90	ng/ul	0.00
52) 4-Nitrophenol-d4	14.35	143	87135	13.81	ng/ul	0.01
58) Fluorene-d10	15.07	176	782557	25.39	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.24	200	83617	14.27	ng/ul	0.00
71) Anthracene-d10	16.93	188	1117653	25.57	ng/ul	0.00
79) Pyrene-d10	19.24	212	1270656	28.26	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.04	264	1539929	26.39	ng/ul	0.00

Target Compounds

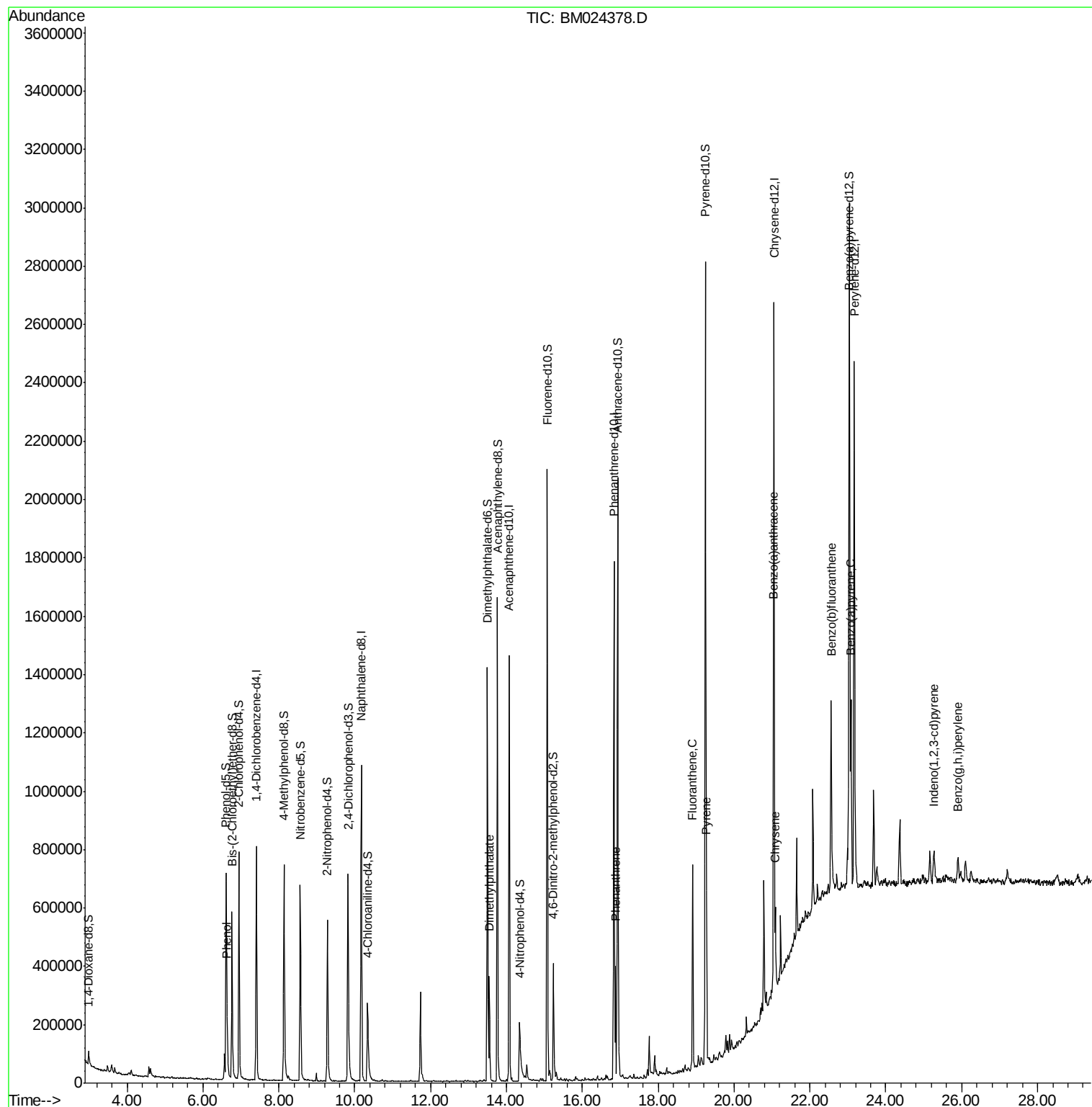
					Ovalue
6) Phenol	6.64	94	75737	3.686	ng/ul 89
45) Dimethylphthalate	13.55	163	226077	6.188	ng/ul 98
70) Phenanthrene	16.87	178	204741	3.807	ng/ul 99
77) Fluoranthene	18.90	202	382174	6.519	ng/ul 99
80) Pyrene	19.27	202	323161	5.245	ng/ul 97
83) Benzo(a)anthracene	21.03	228	146914	2.443	ng/ul 98
85) Chrysene	21.09	228	133760	2.269	ng/ul 96
88) Benzo(b)fluoranthene	22.55	252	181956	2.589	ng/ul# 95
91) Benzo(a)pyrene	23.08	252	139219	2.190	ng/ul# 92
92) Indeno(1,2,3-cd)pyrene	25.27	276	95167	1.246	ng/ul 98
94) Benzo(g,h,i)perylene	25.90	276	94943	1.523	ng/ul 98

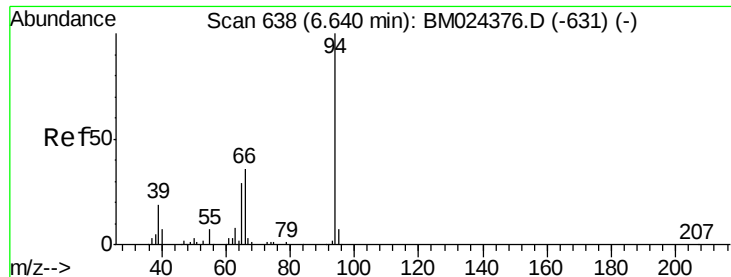
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
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Response via : Initial Calibration





#6

Phenol

Concen: 3.686 ng/ul

RT: 6.64 min Scan# 638

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

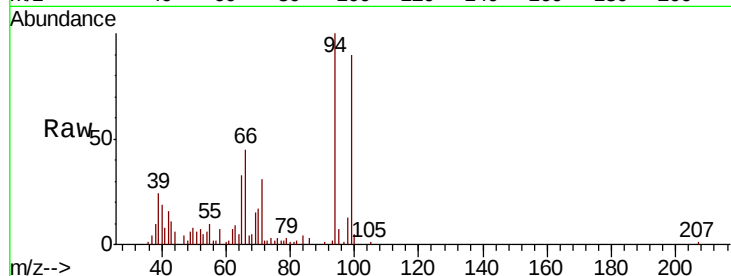
Tot Ion: 94 Resp: 75737

Ion Ratio Lower Upper

94 100

65 33.4 22.6 33.8

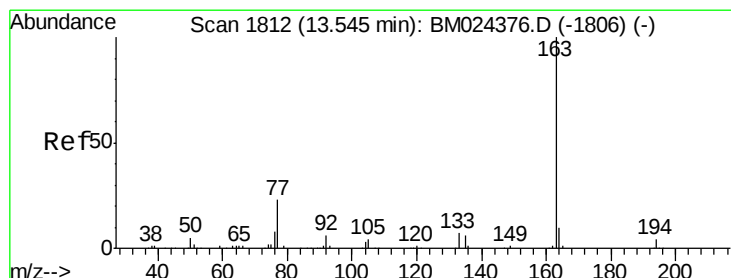
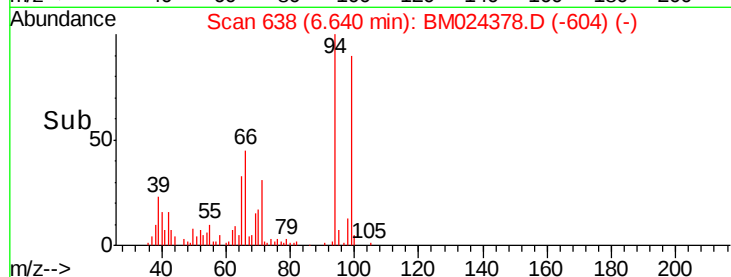
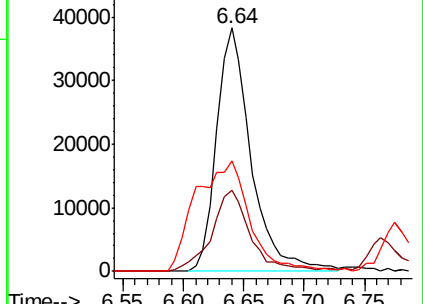
66 45.2 30.7 46.1



Abundance Ion 94.00 (93.70 to 94.70): BM024376.D (-631) (-)

Ion 65.00 (64.70 to 65.70): BM024376.D (-631) (-)

Ion 66.00 (65.70 to 66.70): BM024376.D (-631) (-)



#45

Dimethylphthalate

Concen: 6.188 ng/ul

RT: 13.55 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

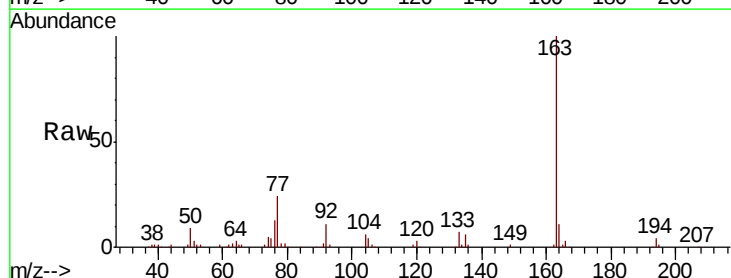
Tgt Ion: 163 Resp: 226077

Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

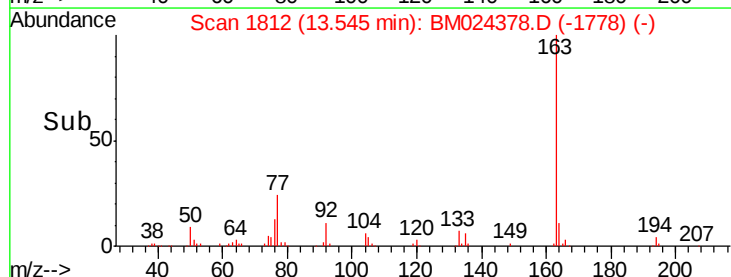
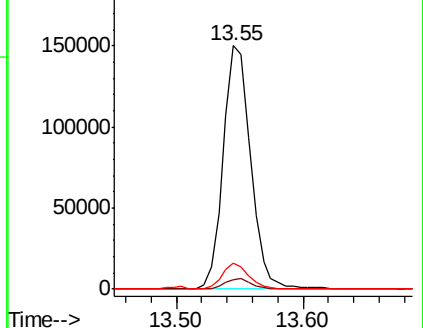
164 10.5 7.8 11.6

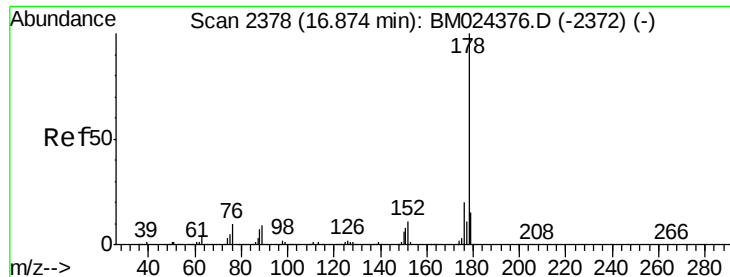


Abundance Ion 163.00 (162.70 to 163.70): BM024376.D (-1806) (-)

Ion 194.00 (193.70 to 194.70): BM024376.D (-1806) (-)

Ion 164.00 (163.70 to 164.70): BM024376.D (-1806) (-)





#70

Phenanthrene

Concen: 3.807 ng/ul

RT: 16.87 min Scan# 2378

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

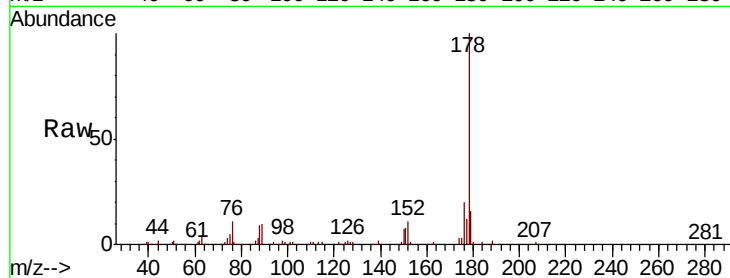
Tot Ion:178 Resp: 204741

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

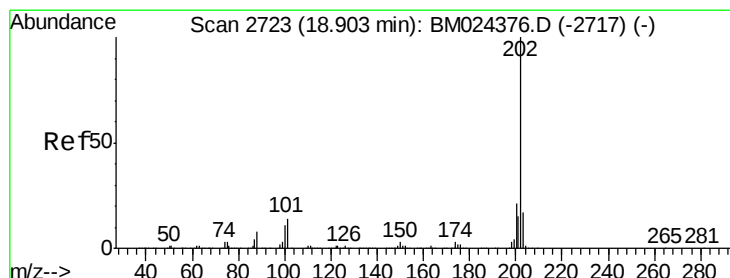
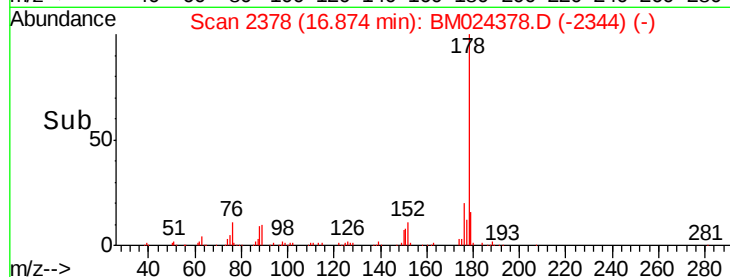
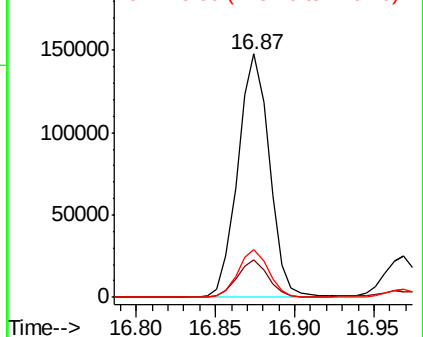
176 19.9 15.1 22.7



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: 6.519 ng/ul

RT: 18.90 min Scan# 2723

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

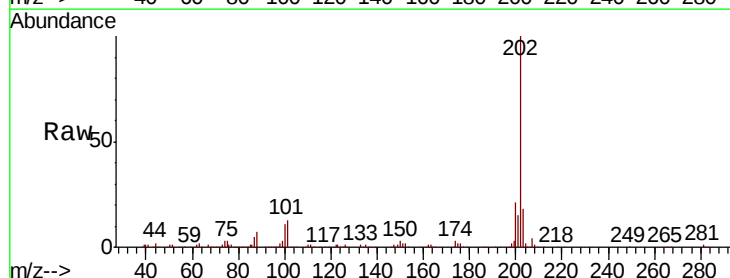
Tgt Ion:202 Resp: 382174

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

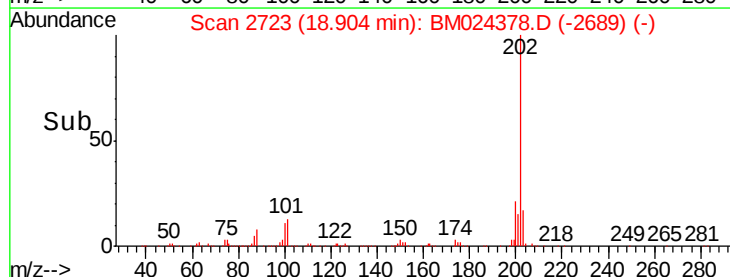
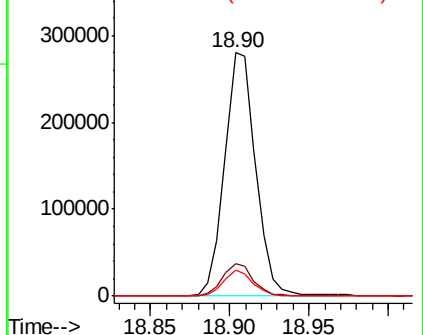
100 10.7 8.1 12.1

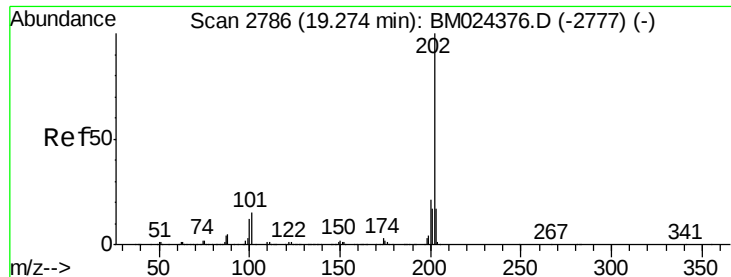


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E

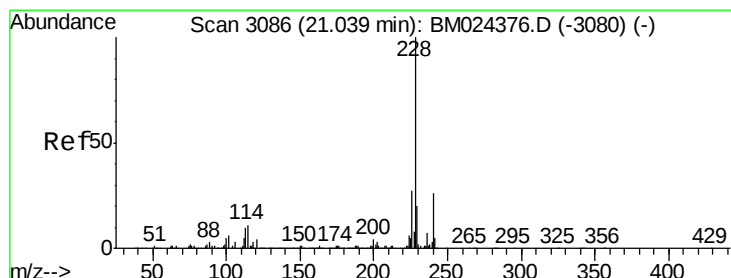
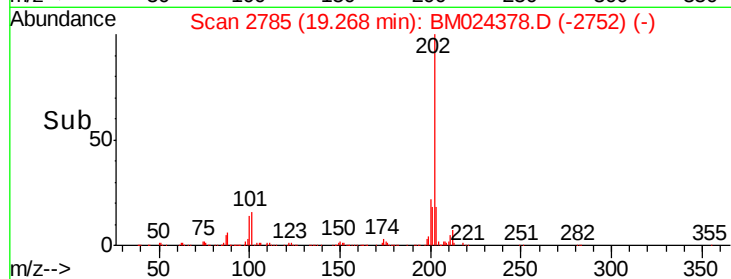
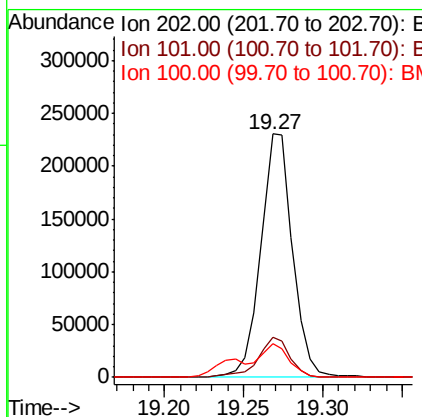
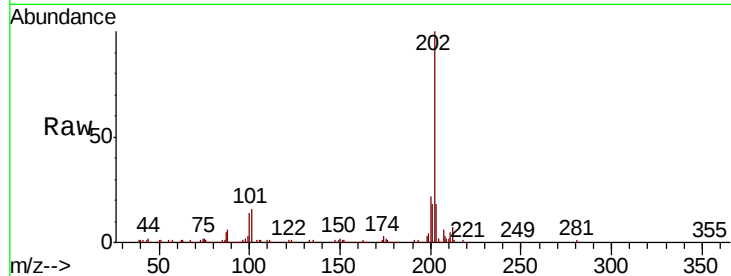




#80
Pvrene
Concen: 5.245 ng/ul
RT: 19.27 min Scan# 2785
Delta R.T. -0.01 min
Lab File: BM024378.D
Acq: 30 Dec 2019 18:10

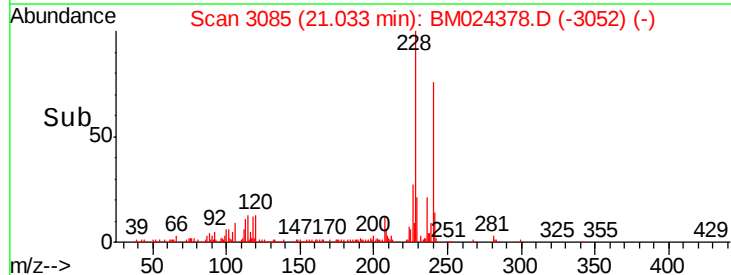
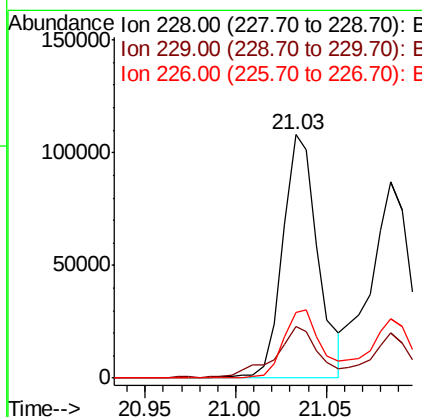
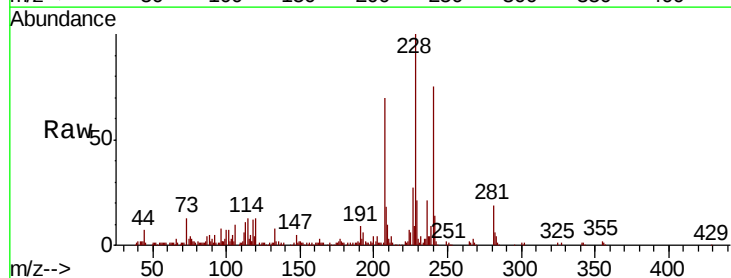
Instrument :
BNA_M
ClientSampleId :
C0C95

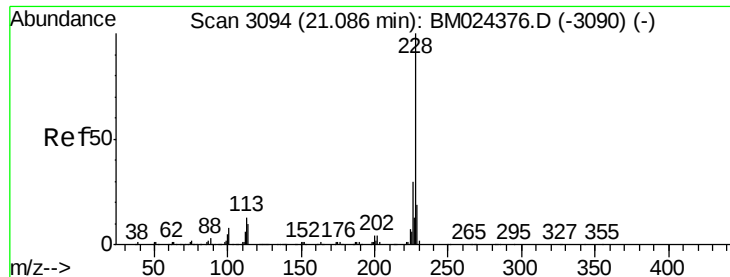
Tot Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.2	18.4
100	13.6	10.0	15.0



#83
Benzo(a)anthracene
Concen: 2.443 ng/ul
RT: 21.03 min Scan# 3085
Delta R.T. -0.01 min
Lab File: BM024378.D
Acq: 30 Dec 2019 18:10

Tgt Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	26.8	22.2	33.2





#85

Chrysene

Concen: 2.269 ng/ul

RT: 21.09 min Scan# 3094

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

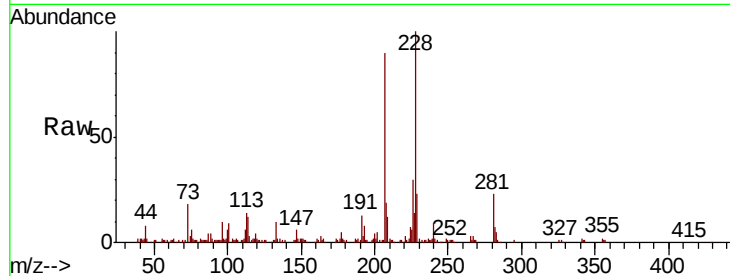
Tot Ion:228 Resp: 133760

Ion Ratio Lower Upper

228 100

226 30.4 24.0 36.0

229 22.8 15.4 23.2

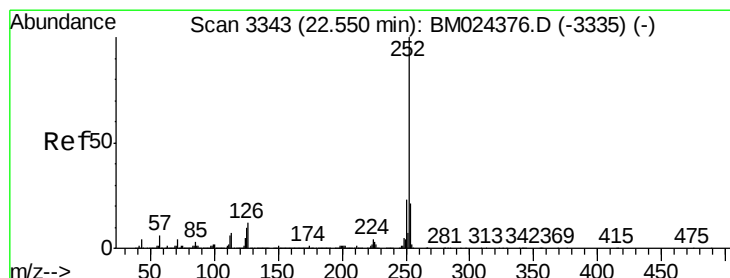
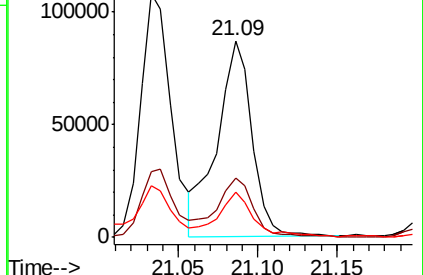
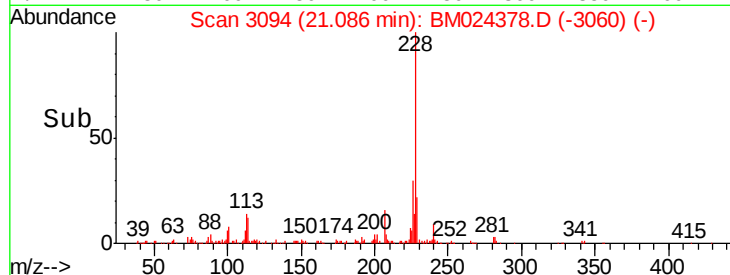


Abundance

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: 2.589 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

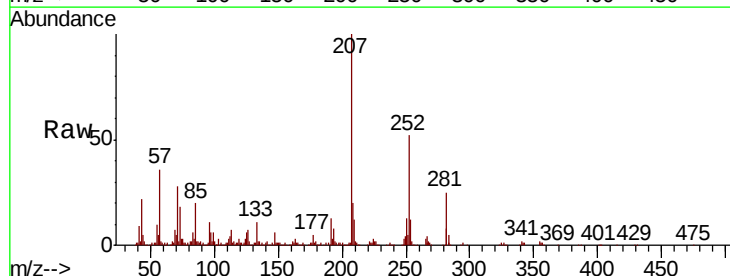
Tgt Ion:252 Resp: 181956

Ion Ratio Lower Upper

252 100

253 23.3 17.2 25.8

125 12.6 7.8 11.8#

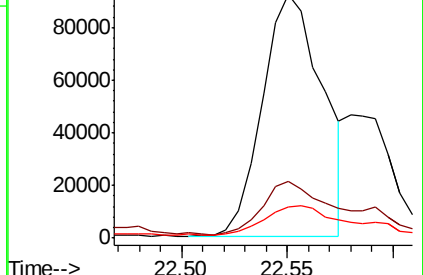
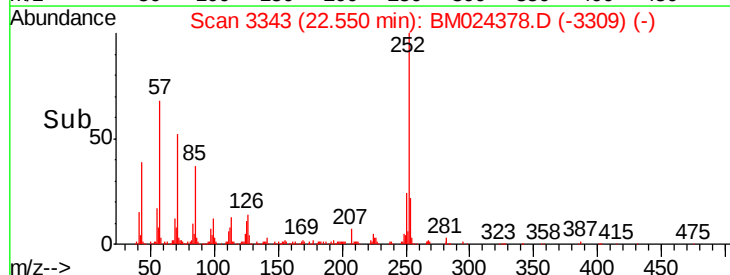


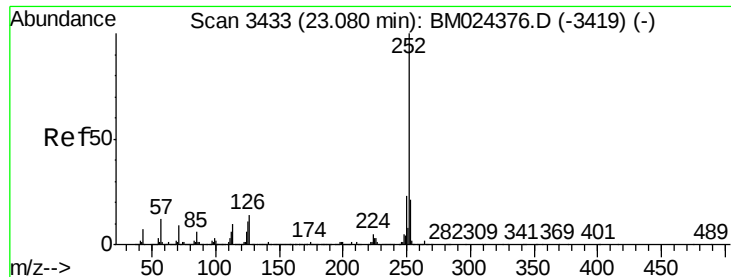
Abundance

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: 2.190 ng/ul

RT: 23.08 min Scan# 3433

Delta R.T. 0.00 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

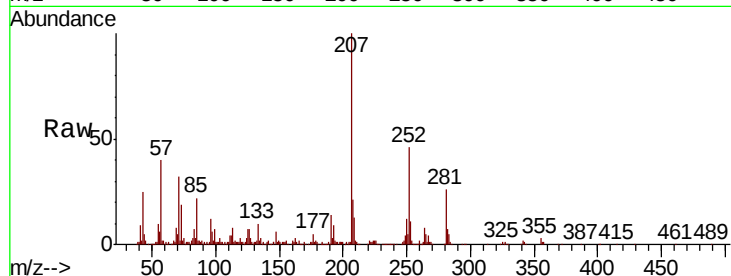
Tot Ion:252 Resp: 139219

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

125 14.6 8.2 12.4#

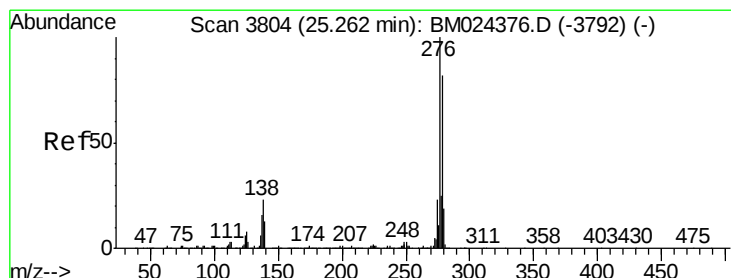
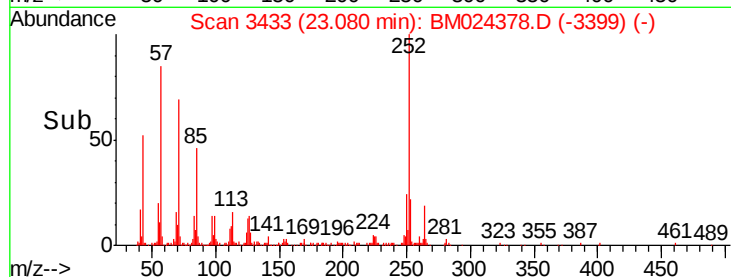
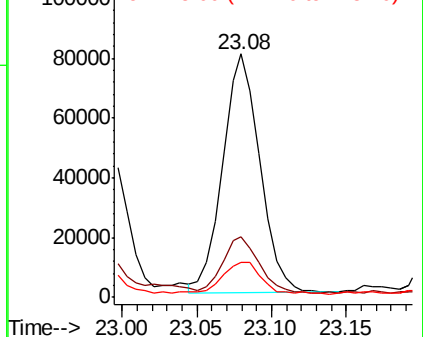


Abundance

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



#92

Indeno(1,2,3-cd)pyrene

Concen: 1.246 ng/ul

RT: 25.27 min Scan# 3805

Delta R.T. 0.01 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

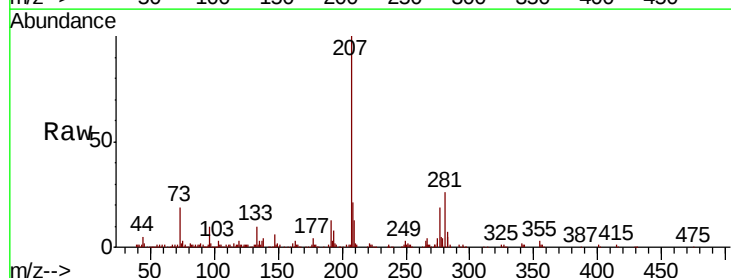
Tgt Ion:276 Resp: 95167

Ion Ratio Lower Upper

276 100

138 22.9 18.3 27.5

277 23.3 20.2 30.2

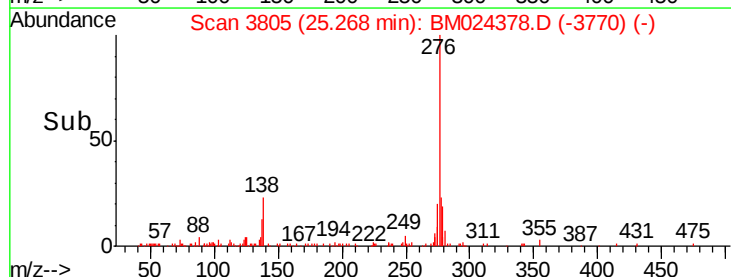
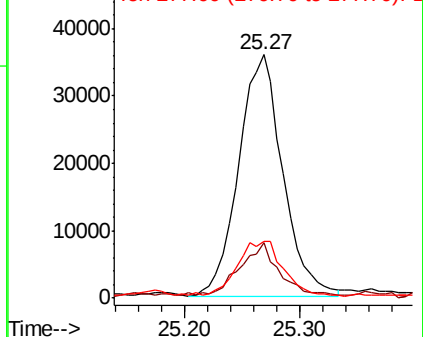


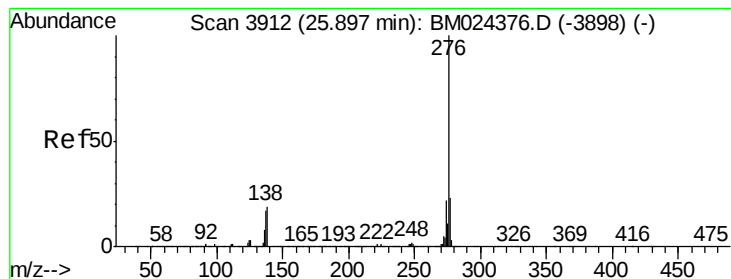
Abundance

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





#94

Benzo(a,h,i)perylene

Concen: 1.523 ng/ul

RT: 25.90 min Scan# 3913

Delta R.T. 0.01 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

Tot Ion:276 Resp: 94943

Ion Ratio Lower Upper

276 100

138 18.5 15.3 22.9

277 22.5 19.3 28.9

