

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: Dec 31 03:15:16 2019
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

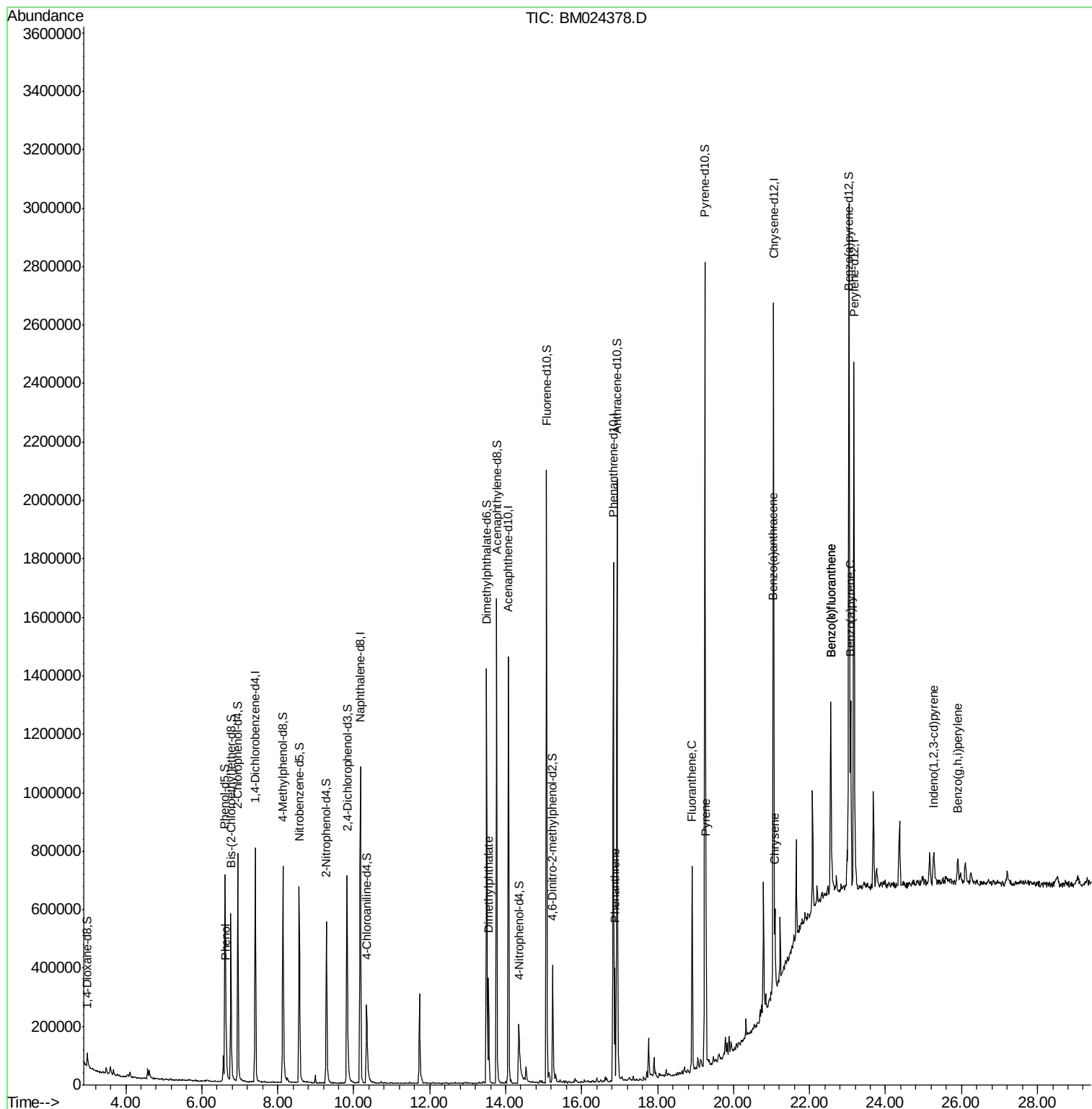
Target Compounds				Qvalue		
6) Phenol	6.64	94	75737	3.686	ng/ul	89
45) Dimethylphthalate	13.55	163	226077	6.188	ng/ul	98
70) Phenanthrene	16.87	178	204741	3.807	ng/ul	99
77) Fluoranthene	18.90	202	382174	6.519	ng/ul	99
80) Pyrene	19.27	202	323161	5.245	ng/ul	97
83) Benzo(a)anthracene	21.03	228	146914	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
89) Benzo(k)fluoranthene	22.55	252	181956	2.638	ng/ul#	96
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

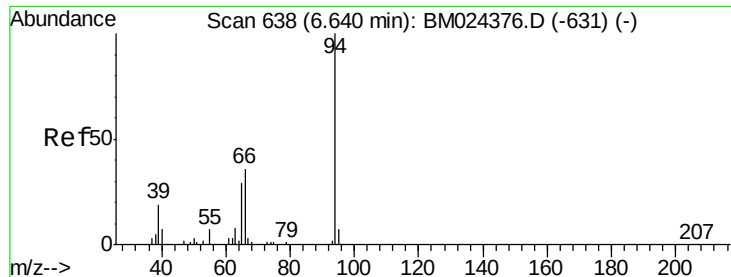
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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: Dec 31 03:15:16 2019
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





#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

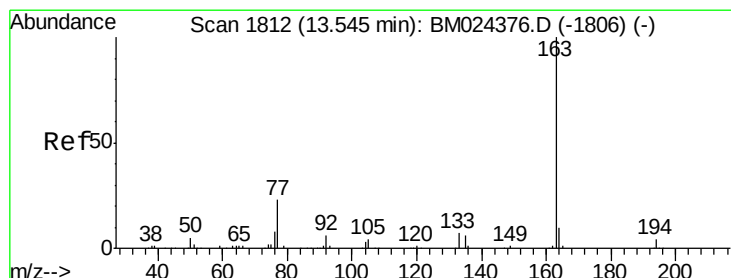
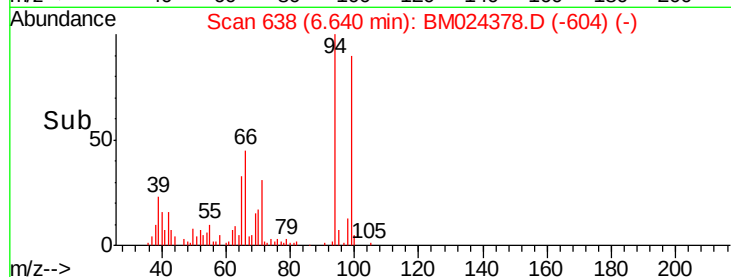
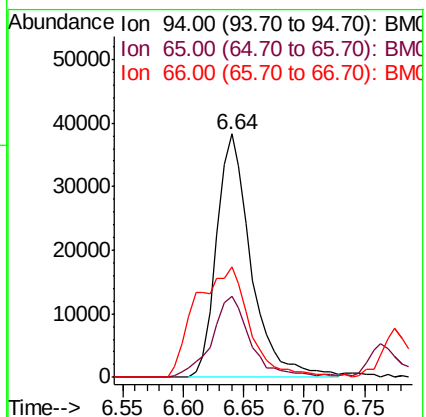
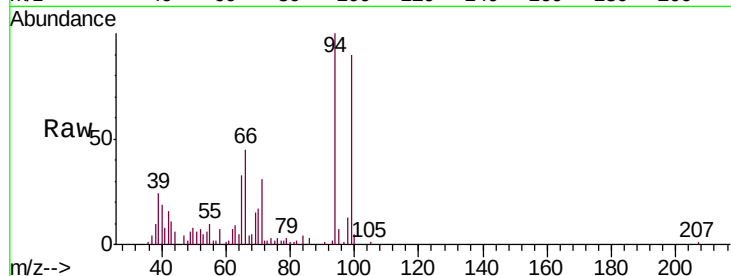
Tgt Ion: 94 Resp: 75737

Ion Ratio Lower Upper

94 100

65 33.4 22.6 33.8

66 45.2 30.7 46.1



#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

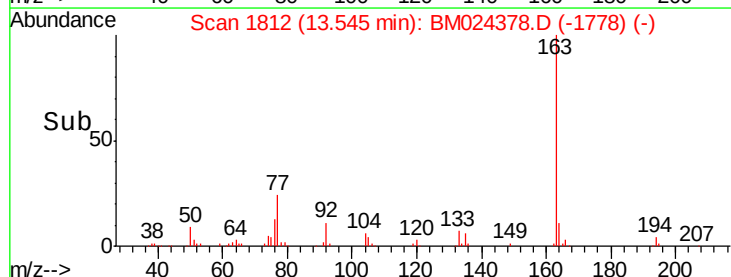
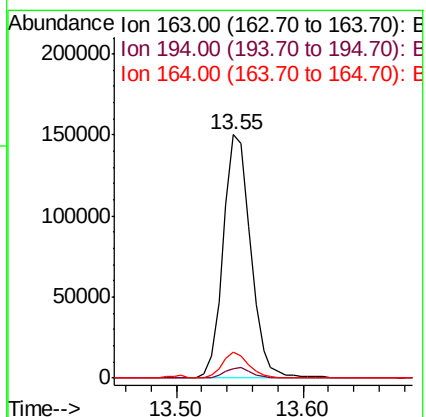
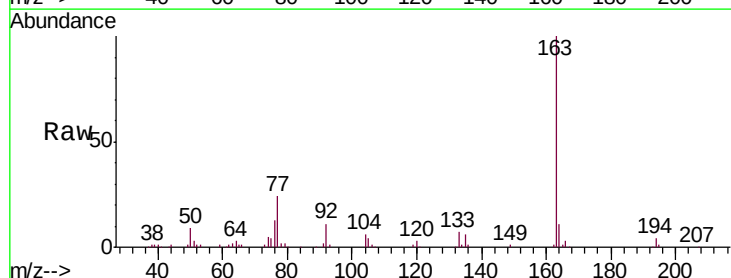
Tgt Ion: 163 Resp: 226077

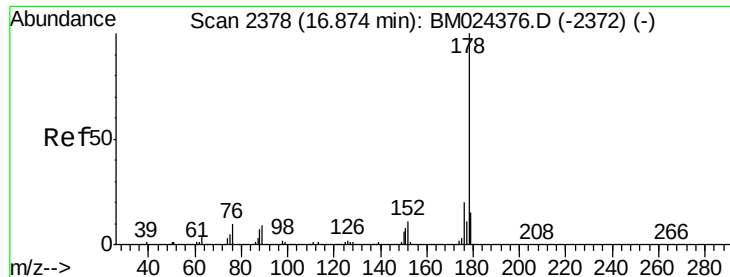
Ion Ratio Lower Upper

163 100

194 3.8 3.2 4.8

164 10.5 7.8 11.6





#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

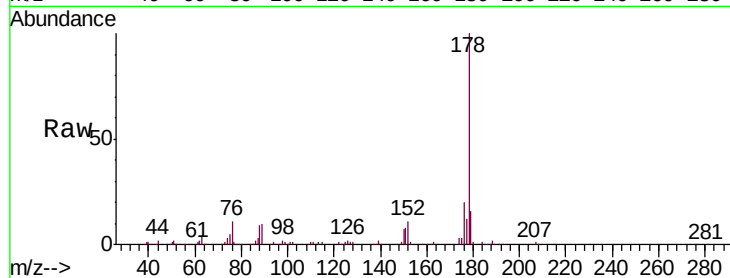
Tgt Ion:178 Resp: 204741

Ion Ratio Lower Upper

178 100

179 15.6 12.6 19.0

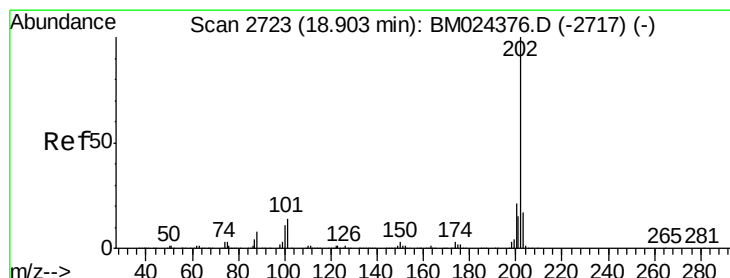
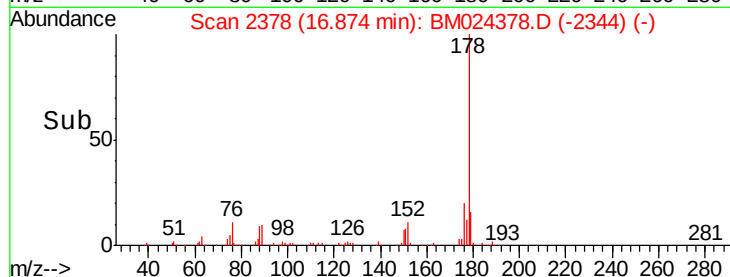
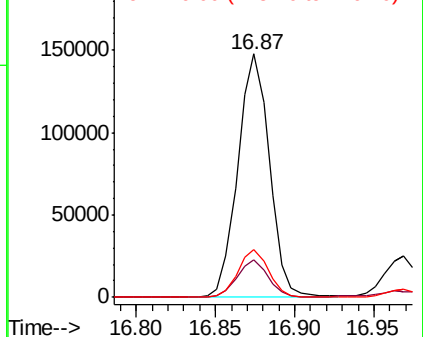
176 19.9 15.1 22.7



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

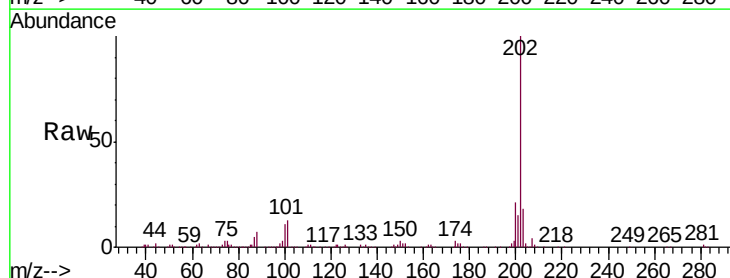
Tgt Ion:202 Resp: 382174

Ion Ratio Lower Upper

202 100

101 13.3 10.6 15.8

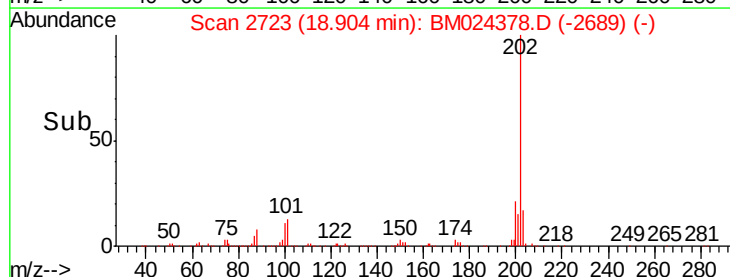
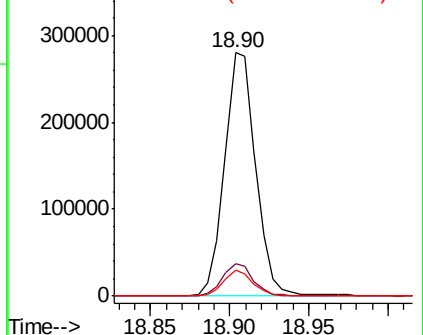
100 10.7 8.1 12.1

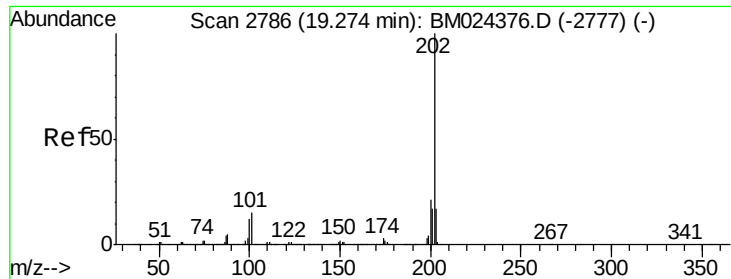


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): E





#80

Pyrene

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

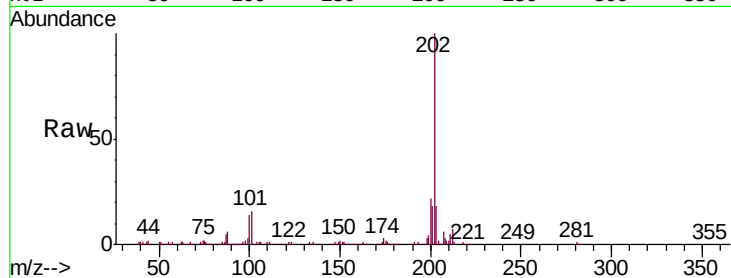
Instrument :

BNA_M

ClientSampleId :

C0C95

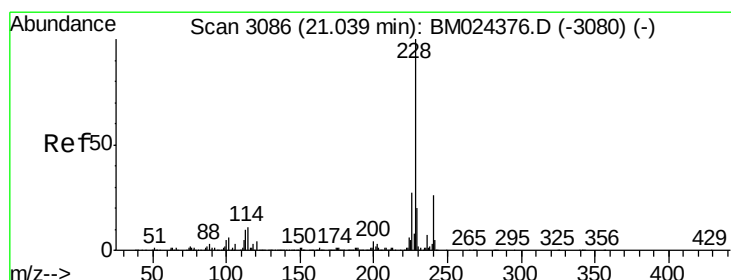
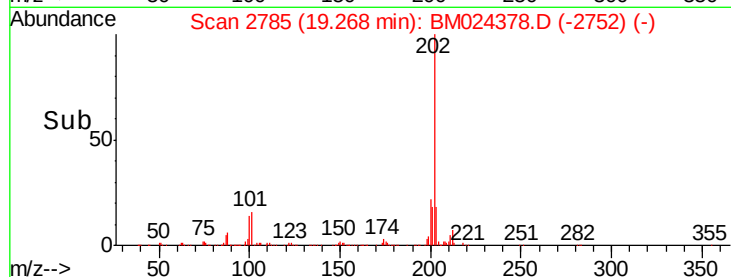
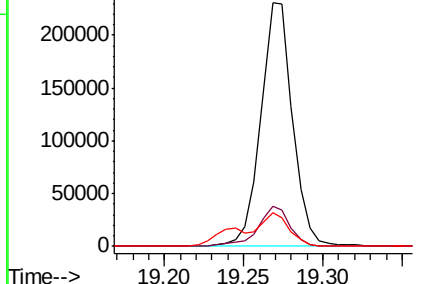
Tgt Ion:	202	Resp:	323161
Ion	Ratio	Lower	Upper
202	100		
101	16.4	12.2	18.4
100	13.6	10.0	15.0



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): B



#83

Benzo(a)anthracene

Concen: 2.443 ng/ul

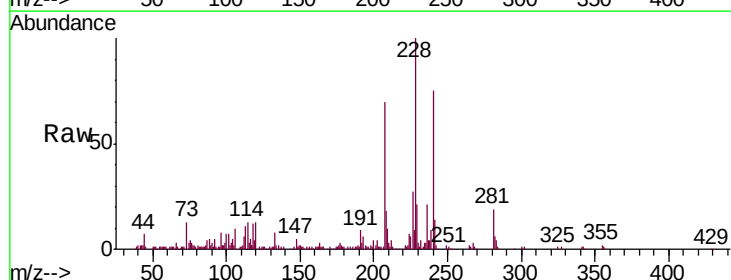
RT: 21.03 min Scan# 3085

Delta R.T. -0.01 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

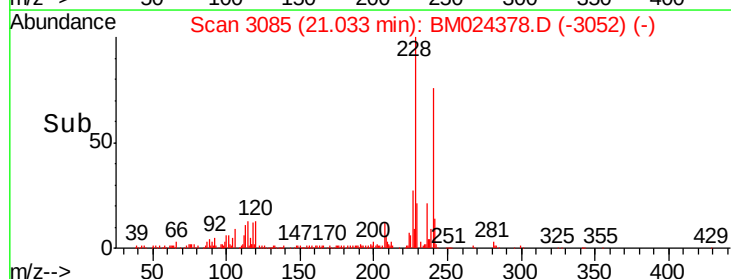
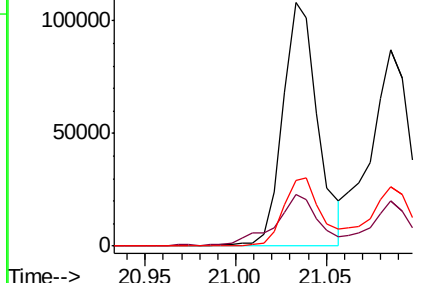
Tgt Ion:	228	Resp:	146914
Ion	Ratio	Lower	Upper
228	100		
229	21.3	15.8	23.8
226	26.8	22.2	33.2

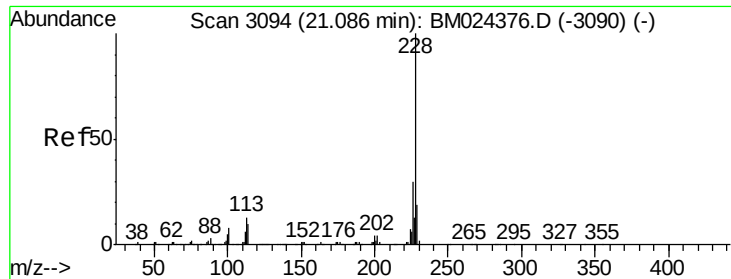


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E

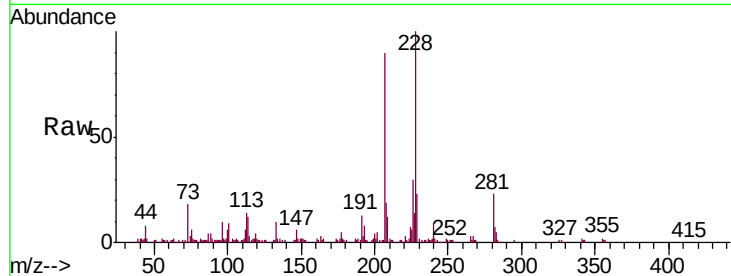




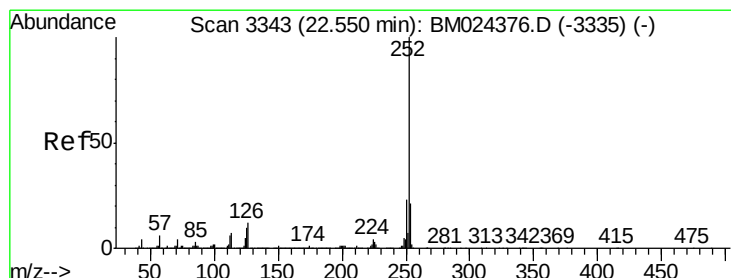
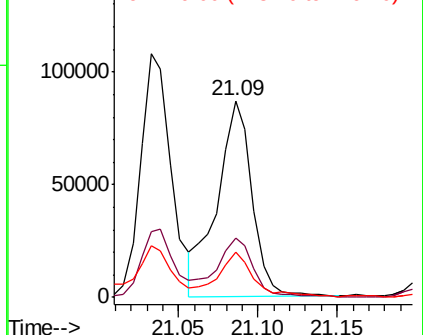
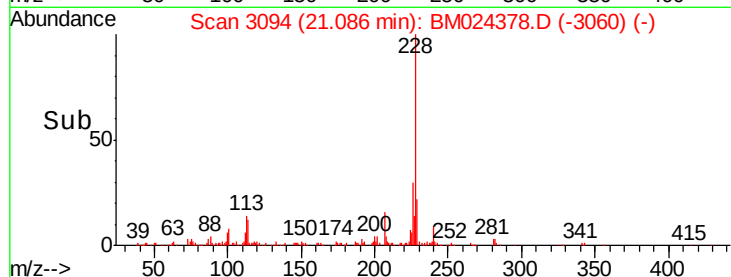
#85
Chrysene
Concen: 2.269 ng/ul
RT: 21.09 min Scan# 3094
Delta R.T. 0.00 min
Lab File: BM024378.D
Acq: 30 Dec 2019 18:10

Instrument :
BNA_M
ClientSampleId :
C0C95

Tgt Ion:	228	Resp:	133760
Ion	Ratio	Lower	Upper
228	100		
226	30.4	24.0	36.0
229	22.8	15.4	23.2

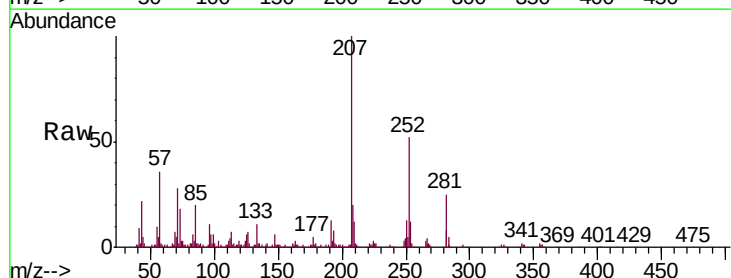


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

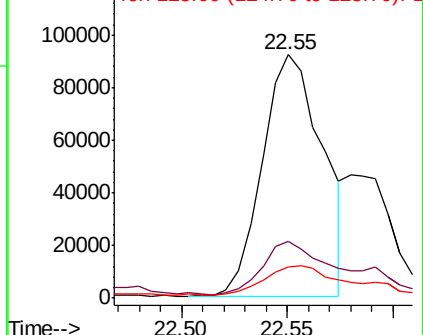
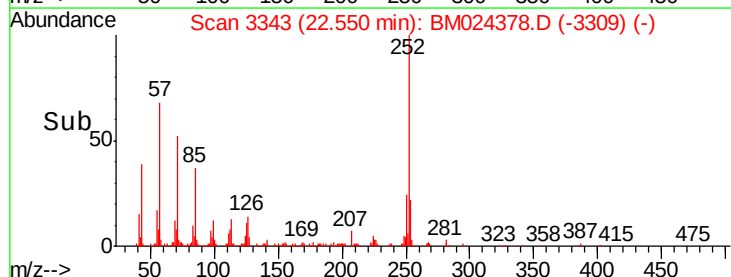


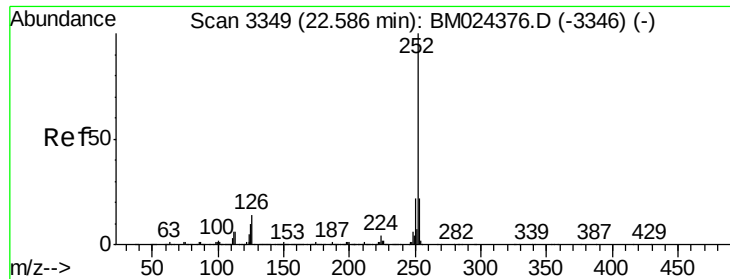
#88
Benzo(b)fluoranthene
Concen: 2.589 ng/ul
RT: 22.55 min Scan# 3343
Delta R.T. 0.00 min
Lab File: BM024378.D
Acq: 30 Dec 2019 18:10

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





#89

Benzo(k)fluoranthene

Concen: 2.638 ng/ul

RT: 22.55 min Scan# 3343

Delta R.T. -0.04 min

Lab File: BM024378.D

Acq: 30 Dec 2019 18:10

Instrument :

BNA_M

ClientSampleId :

C0C95

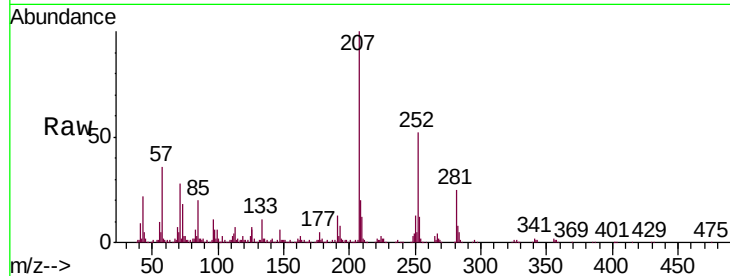
Tgt Ion:252 Resp: 181956

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.8

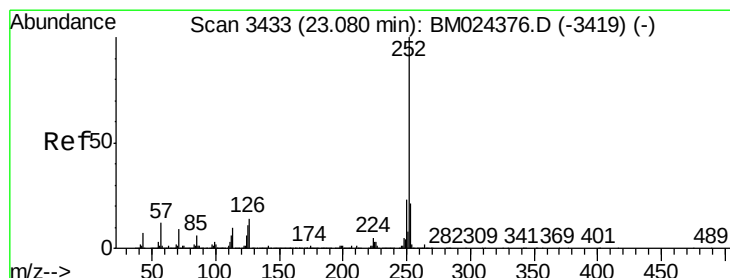
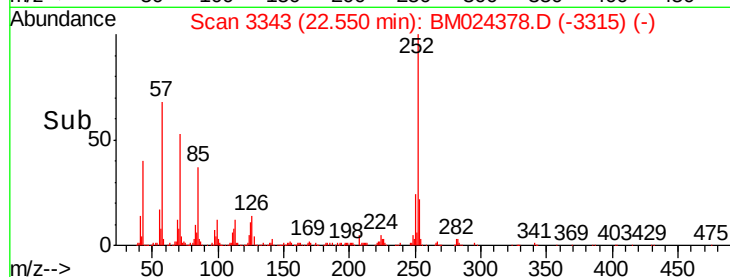
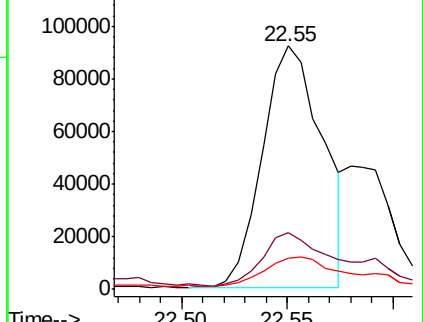
125 12.6 7.9 11.9#



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

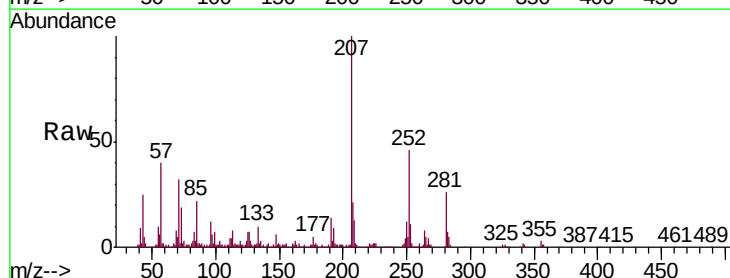
Tgt Ion:252 Resp: 139219

Ion Ratio Lower Upper

252 100

253 24.9 17.5 26.3

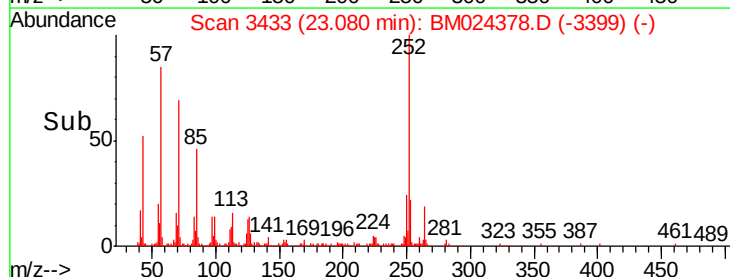
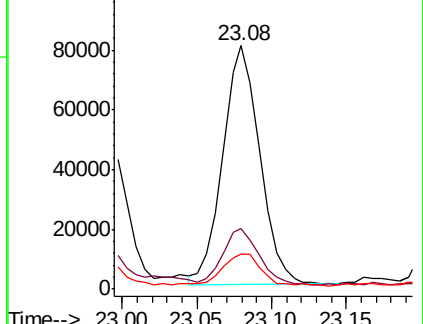
125 14.6 8.2 12.4#

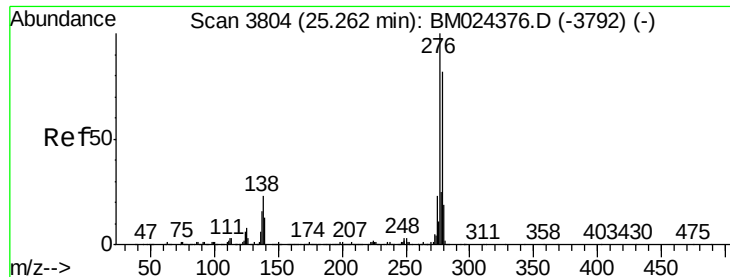


Abundance Ion 252.00 (251.70 to 252.70): E

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

Instrument :

BNA_M

ClientSampleId :

C0C95

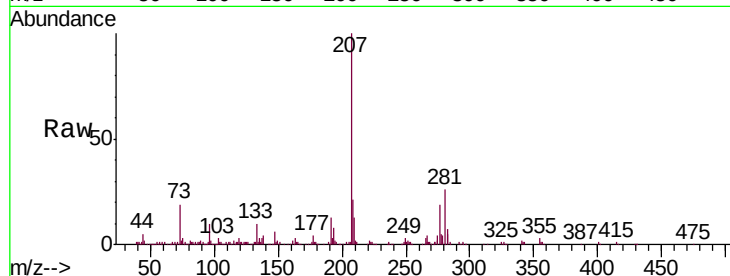
Tgt Ion:276 Resp: 95167

Ion Ratio Lower Upper

276 100

138 22.9 18.3 27.5

277 23.3 20.2 30.2

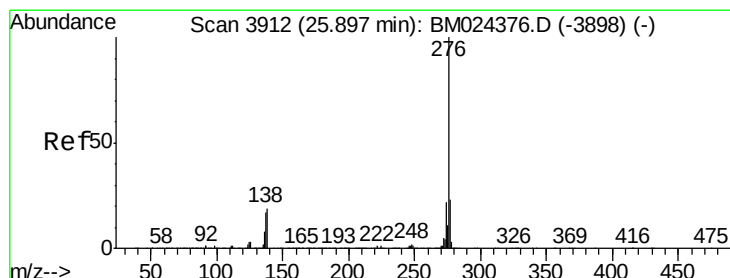
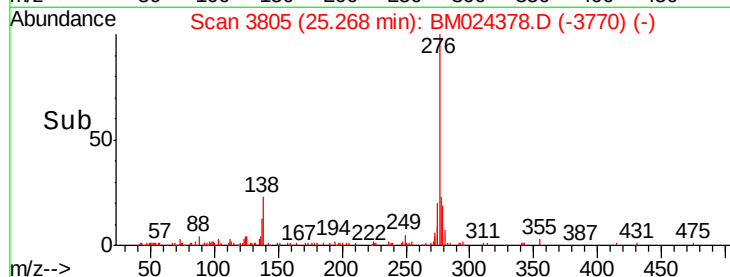
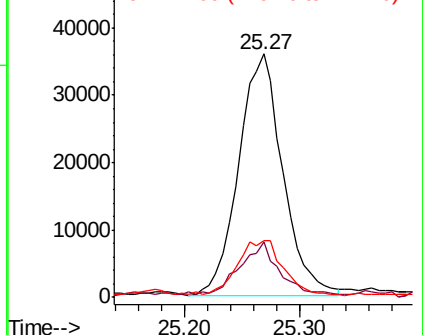


Abundance

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(g,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

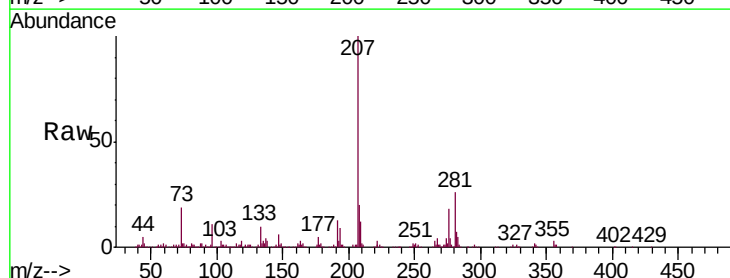
Tgt Ion:276 Resp: 94943

Ion Ratio Lower Upper

276 100

138 18.5 15.3 22.9

277 22.5 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

