

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024166.D
 Acq On : 18 Dec 2019 23:23
 Operator : JU
 Sample : K6171-09
 Misc :
 ALS Vial : 40 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:43:34 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	7.45	152	515481	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2356406	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1488567	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	3005544	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	2097146	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	2125688	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	34058	2.92	ng/uL	0.00
5) Phenol-d5	6.65	99	772689	15.83	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	497394	16.99	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	613999	17.64	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	639838	16.04	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	313620	18.52	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	352058	18.91	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	640406	17.69	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	691528	15.73	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	2000411	18.17	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2495387	18.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	172298	8.72	ng/ul	0.00
58) Fluorene-d10	15.11	176	1795287	18.60	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	137157	7.48	ng/ul	0.00
71) Anthracene-d10	16.96	188	2647503	19.36	ng/ul	0.00
79) Pyrene-d10	19.27	212	2582887	25.86	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	2121209	20.09	ng/ul	0.00

Target Compounds

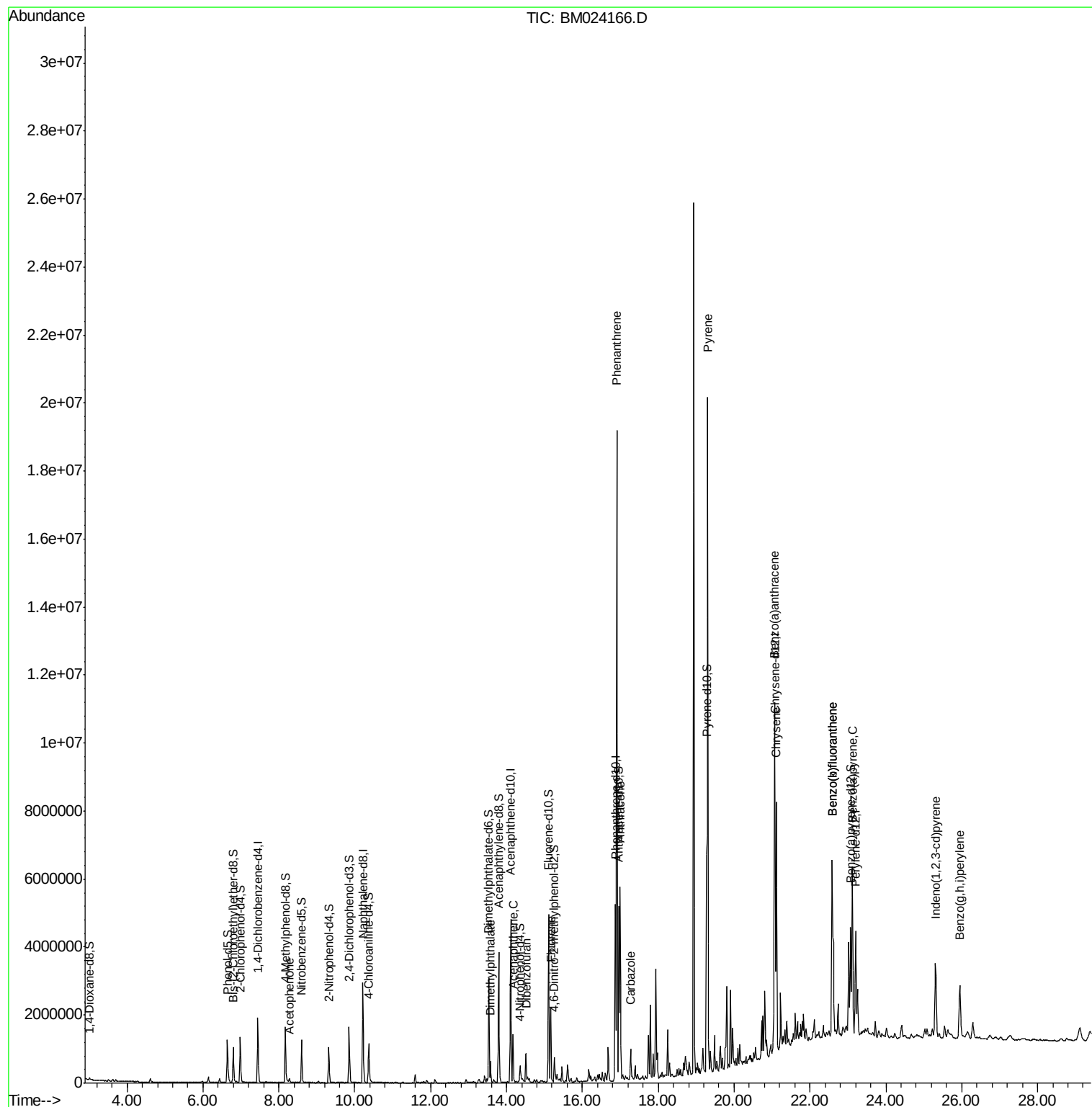
					Ovalue
14) Acetophenone	8.28	105	67486	1.122	ng/ul 93
45) Dimethylphthalate	13.58	163	396464	3.466	ng/ul 100
50) Acenaphthene	14.17	153	560950	5.826	ng/ul 100
54) Dibenzofuran	14.51	168	510209	3.812	ng/ul 100
59) Fluorene	15.17	166	935329	8.275	ng/ul 99
70) Phenanthrene	16.91	178	11178384	66.434	ng/ul 98
72) Anthracene	17.00	178	3294231	19.474	ng/ul 99
75) Carbazole	17.27	167	540656	3.721	ng/ul 98
80) Pyrene	19.31	202	11977926	87.488	ng/ul 98
83) Benzo(a)anthracene	21.06	228	4451032	33.312	ng/ul 99
85) Chrysene	21.11	228	3604644	27.523	ng/ul 98
88) Benzo(b)fluoranthene	22.58	252	4354949	34.240	ng/ul 97
89) Benzo(k)fluoranthene	22.58	252	4354949	34.897	ng/ul 99
91) Benzo(a)pyrene	23.11	252	3097864	26.924	ng/ul 98
92) Indeno(1,2,3-cd)pyrene	25.31	276	1936390	14.015	ng/ul 96
94) Benzo(g,h,i)perylene	25.95	276	1802525	15.979	ng/ul 99

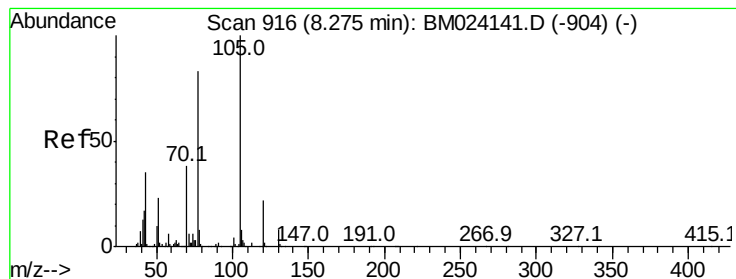
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
Data File : BM024166.D
Acq On : 18 Dec 2019 23:23
Operator : JU
Sample : K6171-09
Misc :
ALS Vial : 40 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :

Quant Time: Dec 19 02:43:34 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





#14

Acetophenone

Concen: 1.122 ng/ul

RT: 8.28 min Scan# 917

Delta R.T. -0.00 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Instrument :

BNA_M

ClientSampleId :

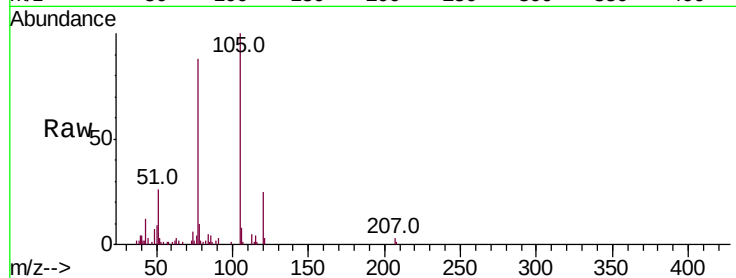
Tot Ion:105 Resp: 67486

Ion Ratio Lower Upper

105 100

77 88.1 65.6 98.4

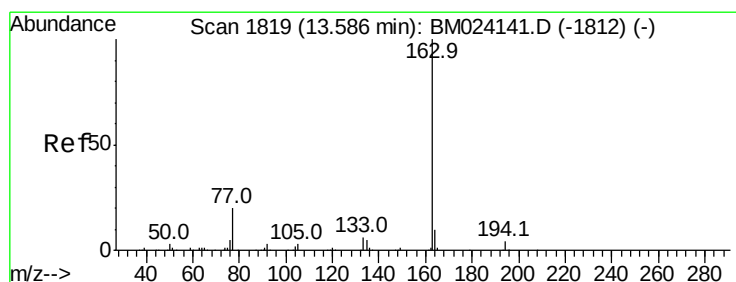
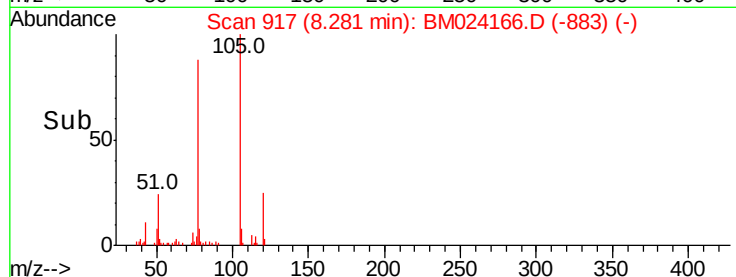
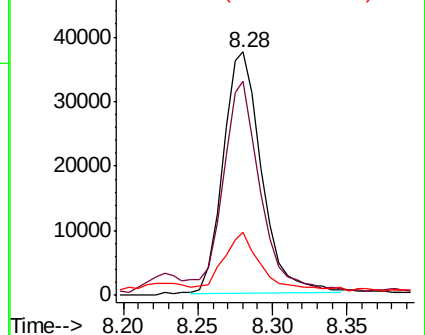
51 25.7 18.3 27.5



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM

Ion 51.00 (50.70 to 51.70): BM



#45

Dimethylphthalate

Concen: 3.466 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

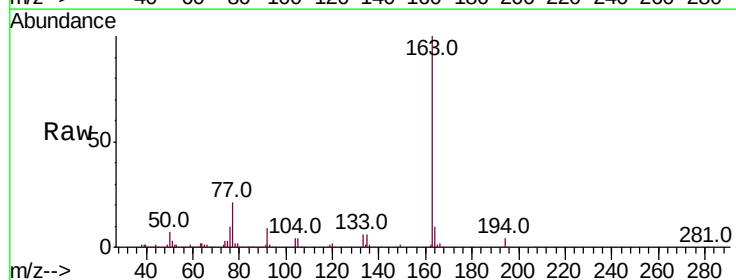
Tgt Ion:163 Resp: 396464

Ion Ratio Lower Upper

163 100

194 3.9 3.2 4.8

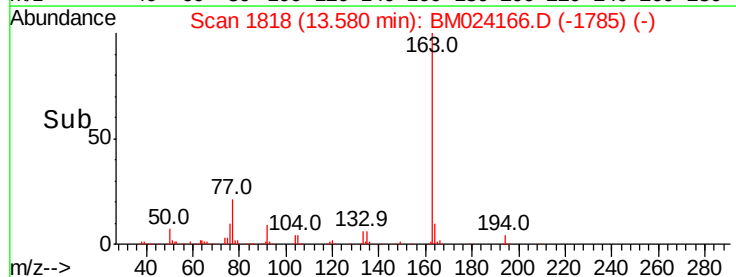
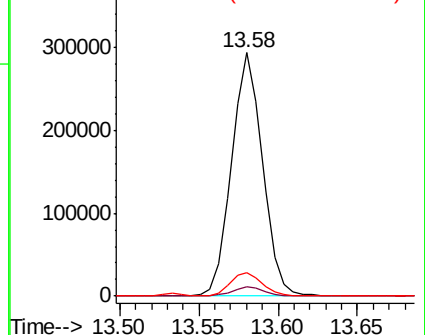
164 9.7 7.8 11.6

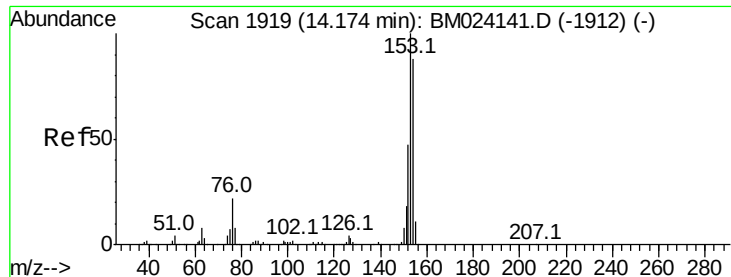


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#50

Acenaphthene

Concen: 5.826 ng/ul

RT: 14.17 min Scan# 1919

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Instrument :

BNA_M

ClientSampleId :

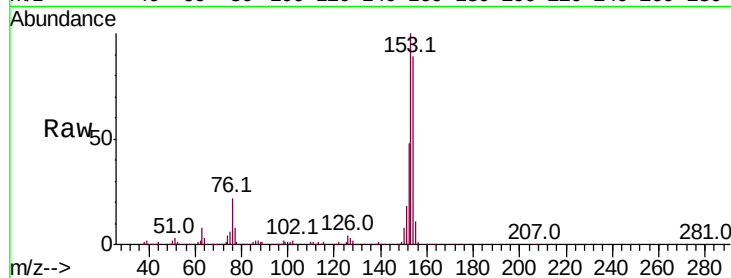
Tot Ion:153 Resp: 560950

Ion Ratio Lower Upper

153 100

152 47.5 37.8 56.6

154 89.2 71.1 106.7

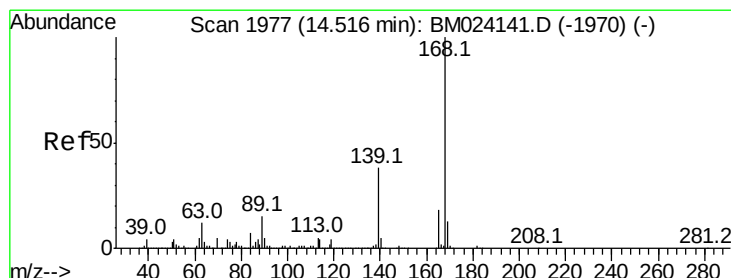
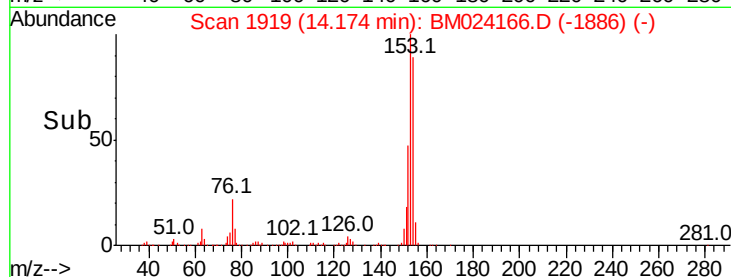
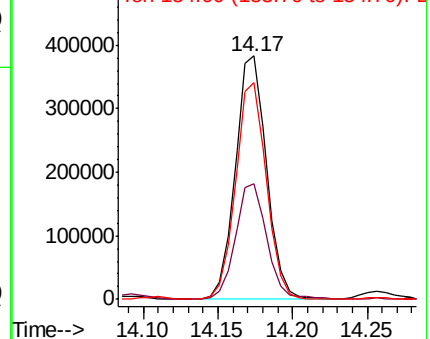


Abundance

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 3.812 ng/ul

RT: 14.51 min Scan# 1976

Delta R.T. -0.01 min

Lab File: BM024166.D

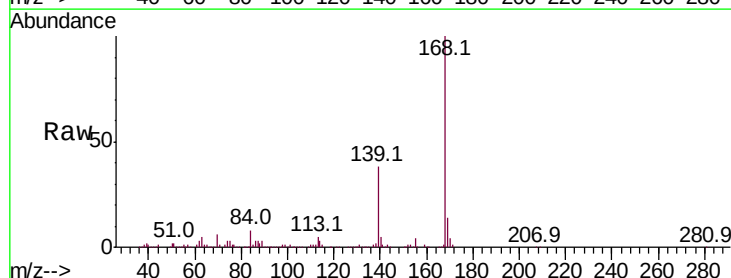
Acq: 18 Dec 2019 23:23

Tgt Ion:168 Resp: 510209

Ion Ratio Lower Upper

168 100

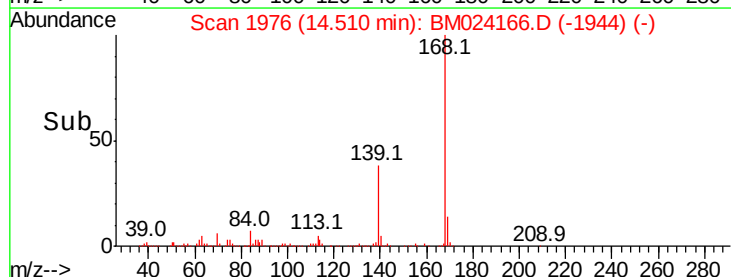
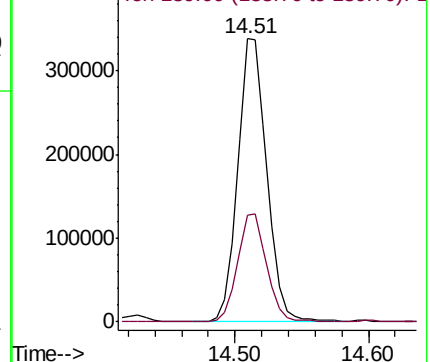
139 37.8 30.4 45.6

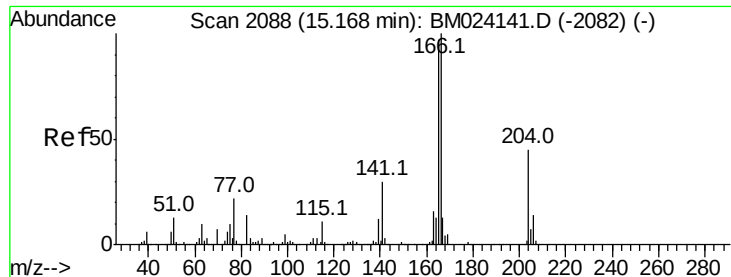


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E





#59

Fluorene

Concen: 8.275 ng/ul

RT: 15.17 min Scan# 2088

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Instrument :

BNA_M

ClientSampleId :

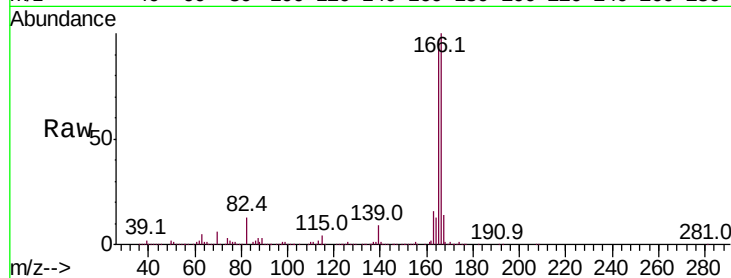
Tot Ion:166 Resp: 935329

Ion Ratio Lower Upper

166 100

165 96.9 78.3 117.5

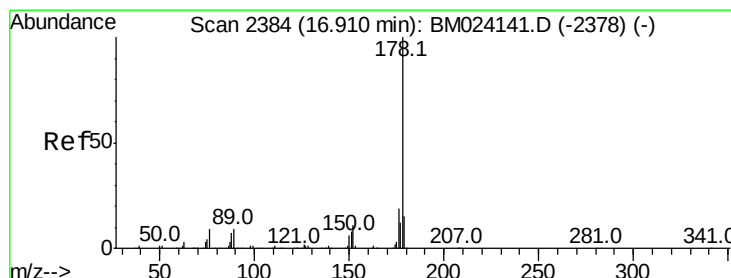
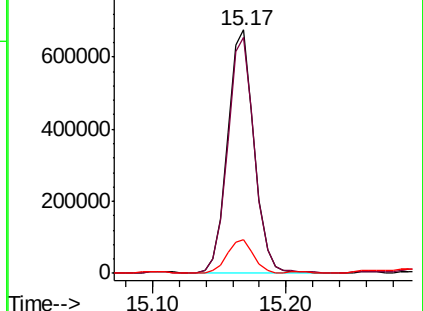
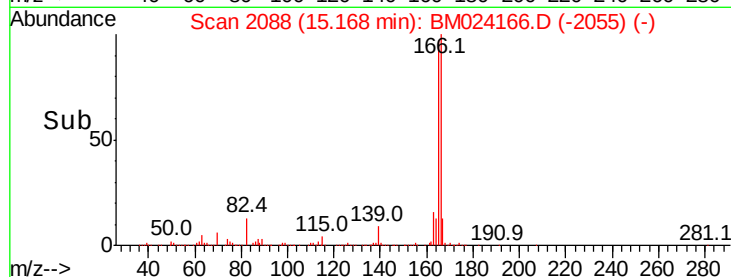
167 13.6 10.4 15.6



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#70

Phenanthrene

Concen: 66.434 ng/ul

RT: 16.91 min Scan# 2384

Delta R.T. -0.00 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

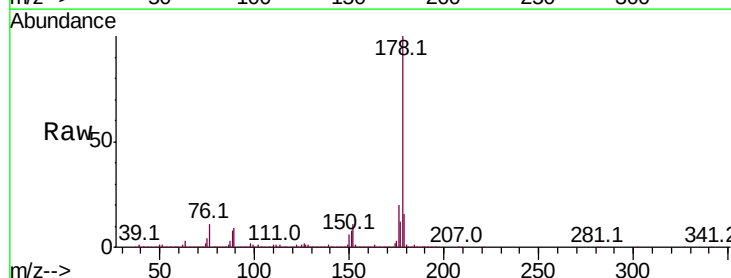
Tgt Ion:178 Resp:11178384

Ion Ratio Lower Upper

178 100

179 16.1 12.6 19.0

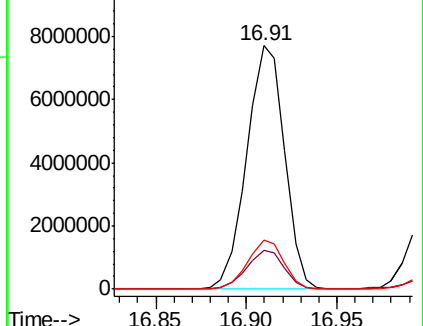
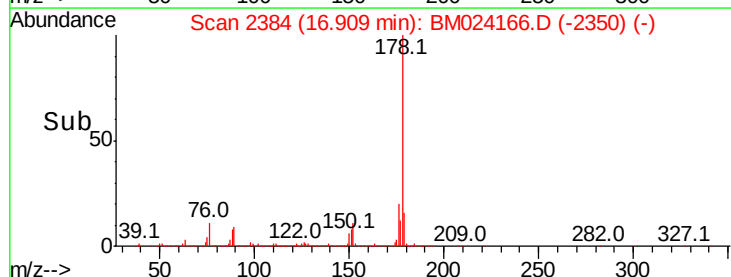
176 20.1 15.1 22.7

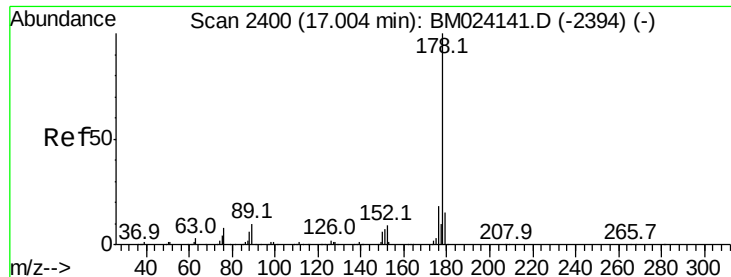


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E





#72

Anthracene

Concen: 19.474 ng/ul

RT: 17.00 min Scan# 2399

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

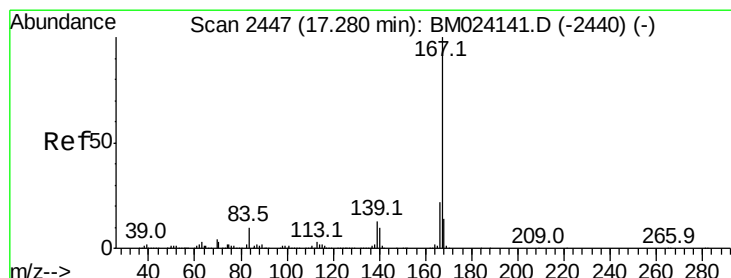
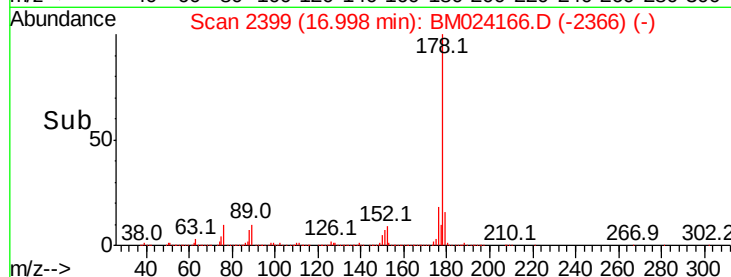
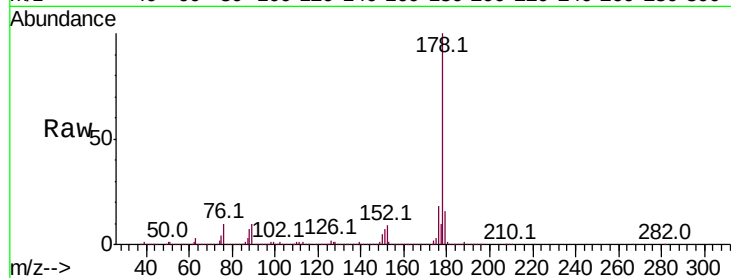
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 3294231

Ion	Ratio	Lower	Upper
178	100		
179	15.8	12.3	18.5
176	18.4	14.7	22.1



#75

Carbazole

Concen: 3.721 ng/ul

RT: 17.27 min Scan# 2446

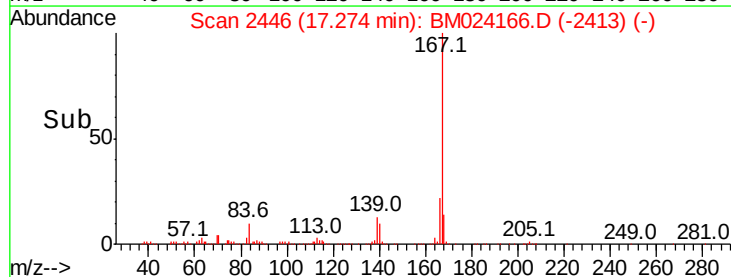
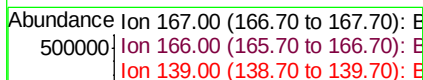
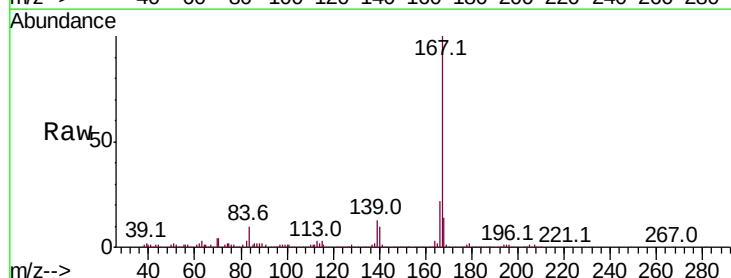
Delta R.T. -0.01 min

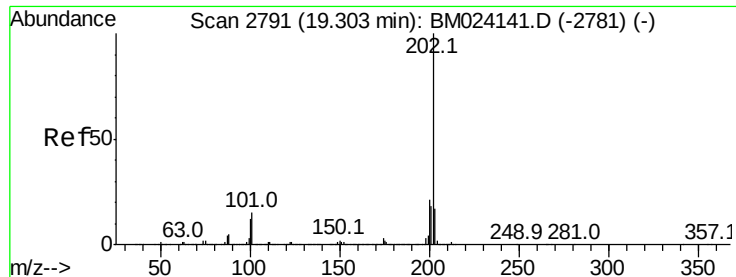
Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Tgt Ion:167 Resp: 540656

Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.0	25.6
139	13.2	10.3	15.5

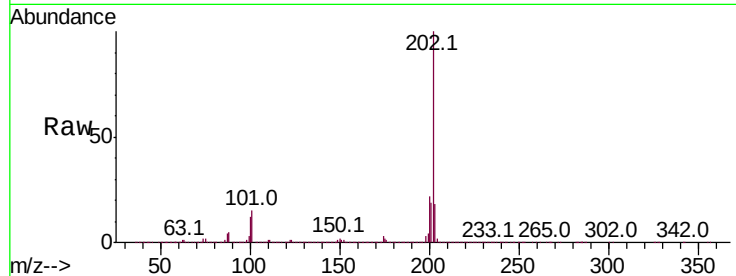




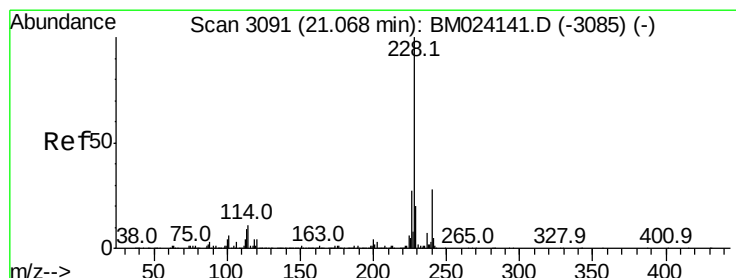
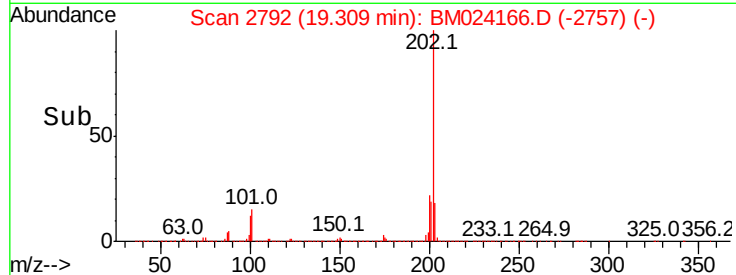
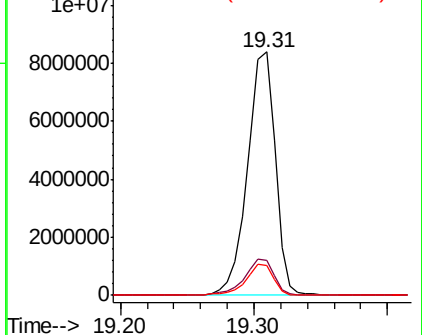
#80
Pvrene
Concen: 87.488 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. 0.01 min
Lab File: BM024166.D
Acq: 18 Dec 2019 23:23

Instrument :
BNA_M
ClientSampled :

Tot Ion:202 Resp:11977926
Ion Ratio Lower Upper
202 100
101 14.5 12.2 18.4
100 12.0 10.0 15.0

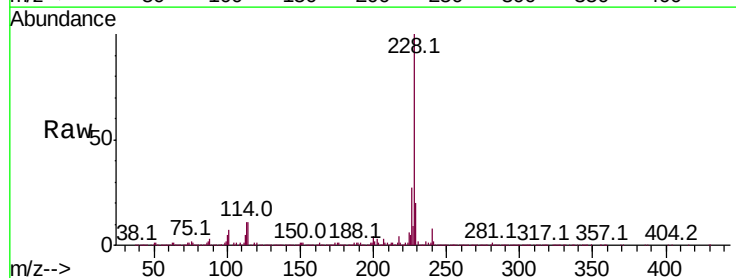


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 100.00 (99.70 to 100.70): B

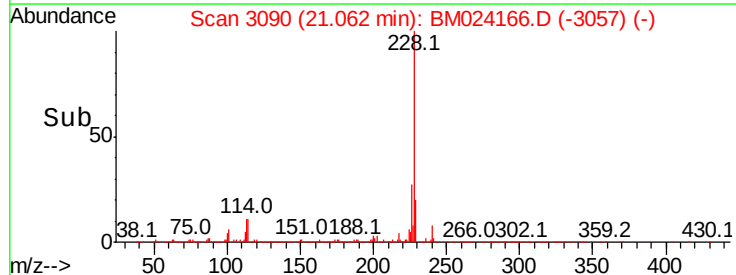
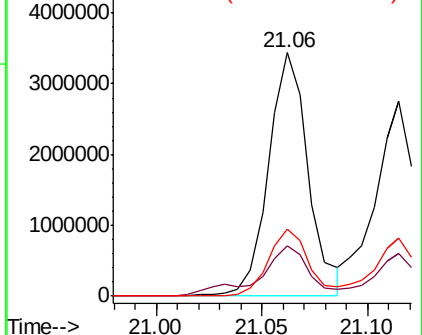


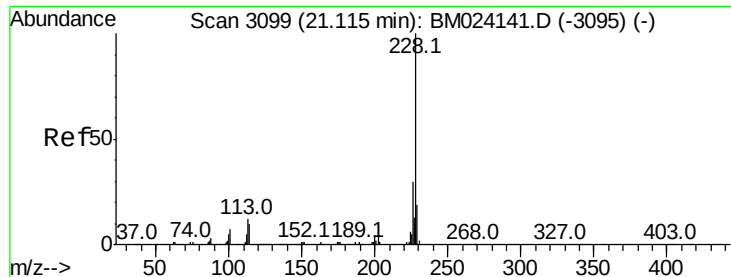
#83
Benzo(a)anthracene
Concen: 33.312 ng/ul
RT: 21.06 min Scan# 3090
Delta R.T. -0.01 min
Lab File: BM024166.D
Acq: 18 Dec 2019 23:23

Tgt Ion:228 Resp: 4451032
Ion Ratio Lower Upper
228 100
229 20.5 15.8 23.8
226 27.5 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: 27.523 ng/ul

RT: 21.11 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

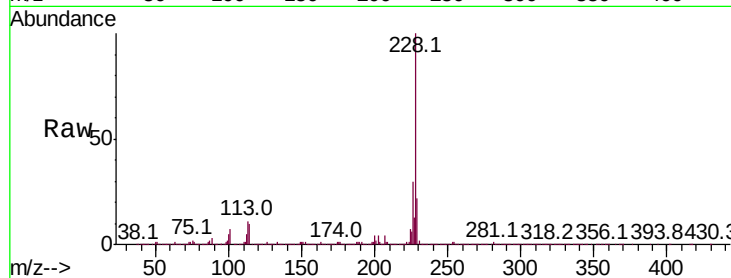
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 3604644

Ion	Ratio	Lower	Upper
228	100		
226	30.0	24.0	36.0
229	22.1	15.4	23.2

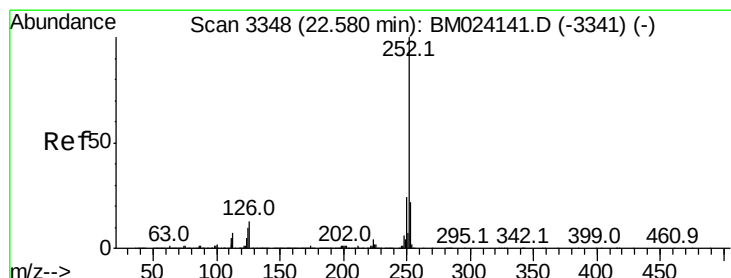
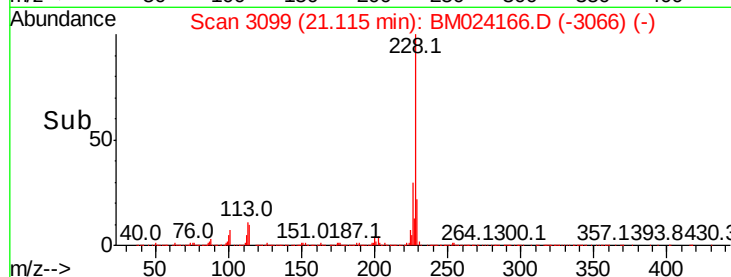
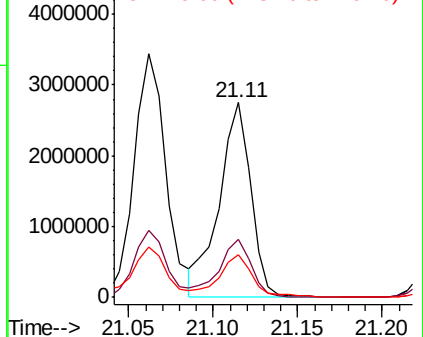


Abundance

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: 34.240 ng/ul

RT: 22.58 min Scan# 3348

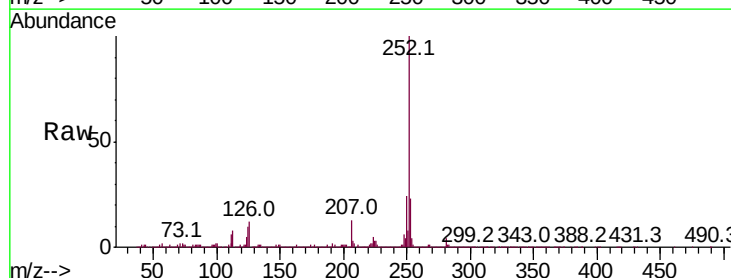
Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Tgt Ion:252 Resp: 4354949

Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.2	25.8
125	10.2	7.8	11.8

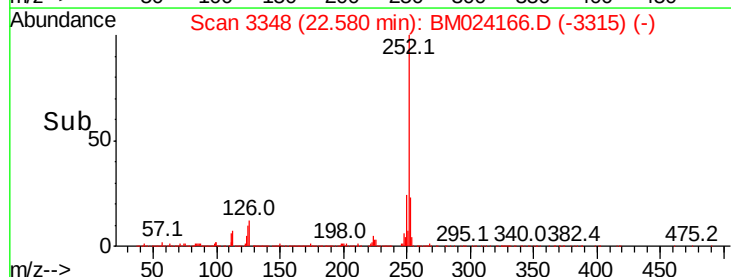
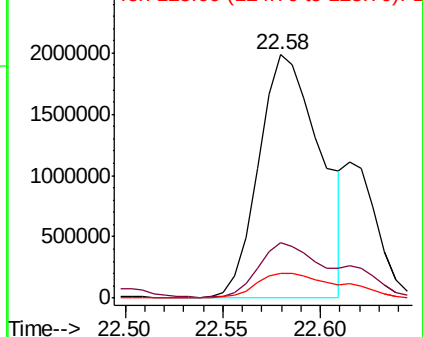


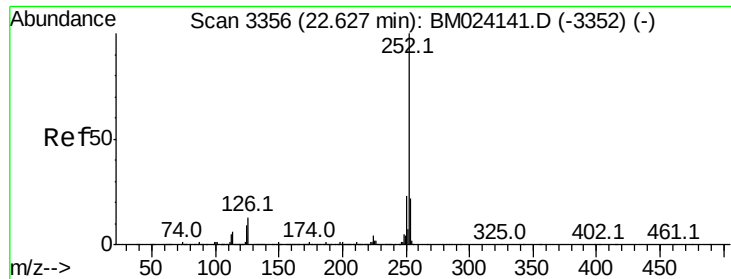
Abundance

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: 34.897 ng/ul

RT: 22.58 min Scan# 3348

Delta R.T. -0.05 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

Instrument :

BNA_M

ClientSampleId :

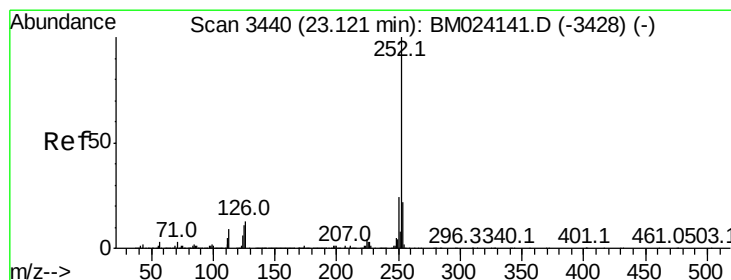
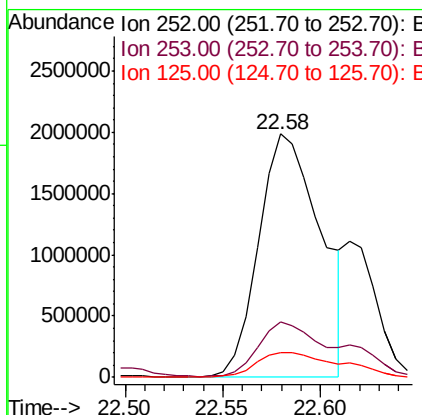
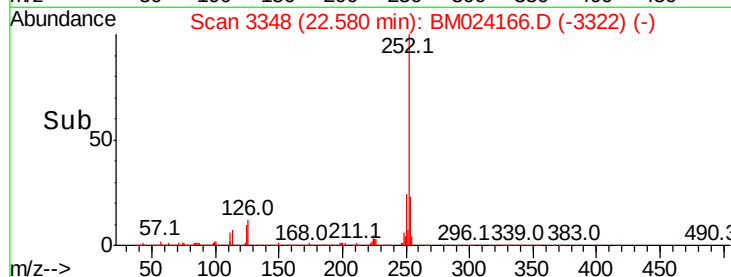
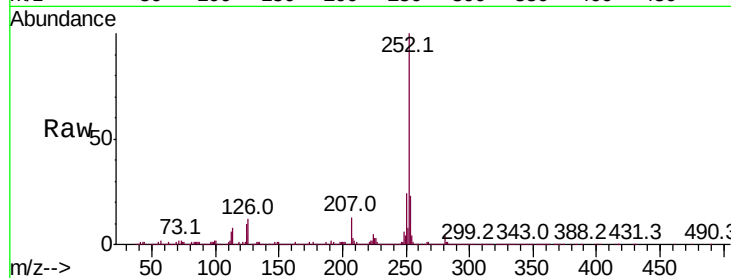
Tot Ion:252 Resp: 4354949

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 10.2 7.9 11.9



#91

Benzo(a)pyrene

Concen: 26.924 ng/ul

RT: 23.11 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024166.D

Acq: 18 Dec 2019 23:23

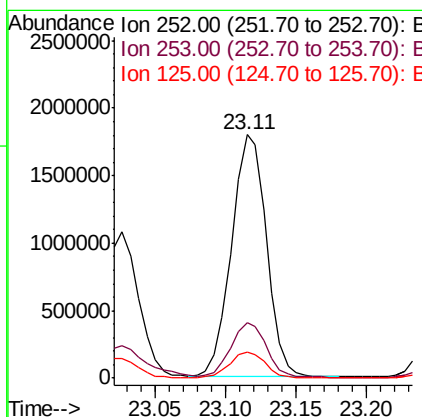
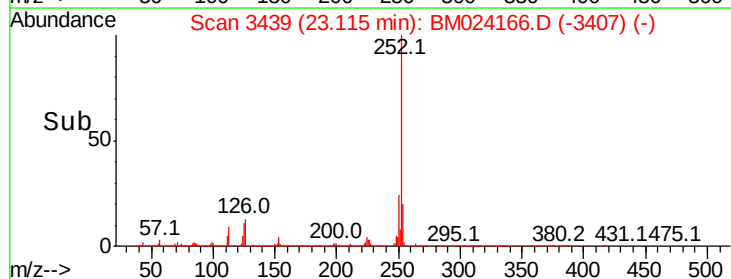
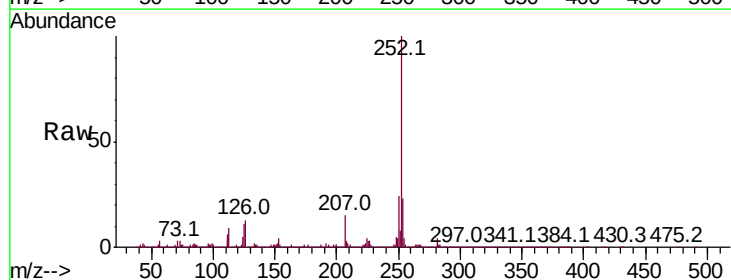
Tgt Ion:252 Resp: 3097864

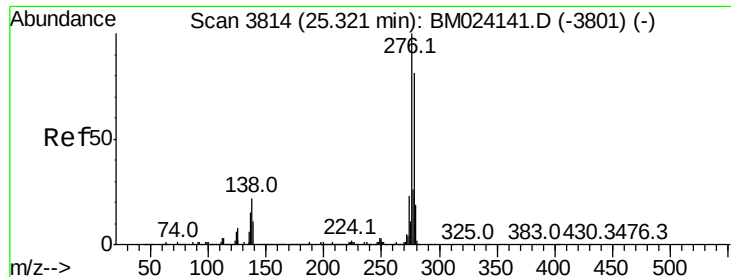
Ion Ratio Lower Upper

252 100

253 23.0 17.5 26.3

125 10.9 8.2 12.4



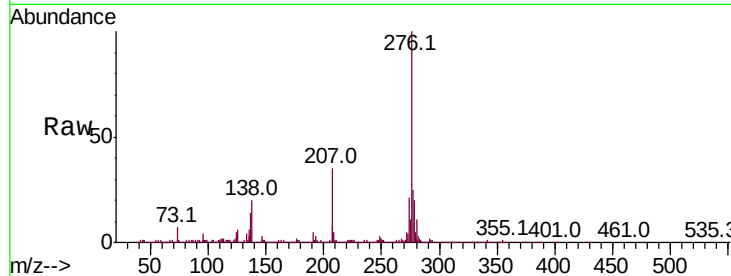


#92

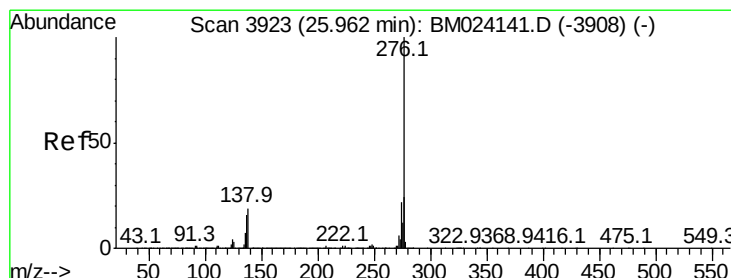
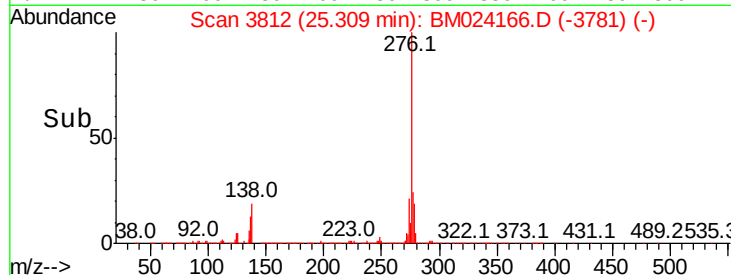
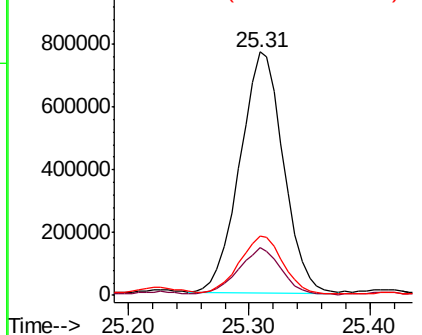
Indeno(1,2,3-cd)pyrene
Concen: 14.015 ng/ul
RT: 25.31 min Scan# 3812
Delta R.T. -0.02 min
Lab File: BM024166.D
Acq: 18 Dec 2019 23:23

Instrument :
BNA_M
ClientSampleId :

Tot Ion:276 Resp: 1936390
Ion Ratio Lower Upper
276 100
138 19.6 18.3 27.5
277 24.6 20.2 30.2



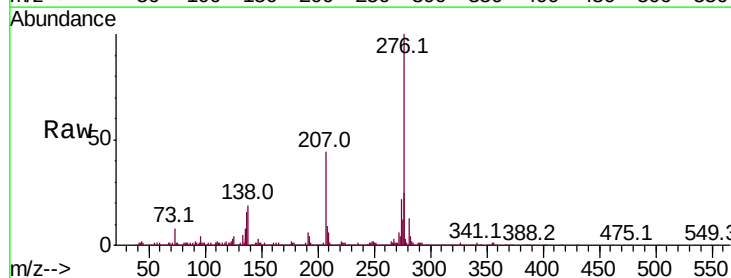
Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E



#94

Benzo(g,h,i)perylene
Concen: 15.979 ng/ul
RT: 25.95 min Scan# 3921
Delta R.T. -0.02 min
Lab File: BM024166.D
Acq: 18 Dec 2019 23:23

Tgt Ion:276 Resp: 1802525
Ion Ratio Lower Upper
276 100
138 18.8 15.3 22.9
277 24.9 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

