

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024173.D
 Acq On : 19 Dec 2019 03:33
 Operator : JU
 Sample : K6171-16
 Misc :
 ALS Vial : 47 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 04:06:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM121719MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 19 02:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	442161	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	2048101	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.10	164	1274495	20.00	ng/ul	-0.01
62) Phenanthrene-d10	16.86	188	2579200	20.00	ng/ul	0.00
78) Chrysene-d12	21.07	240	1966102	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	1854227	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.01	96	23743	2.37	ng/uL	0.00
5) Phenol-d5	6.65	99	602775	14.40	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	375838	14.97	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	468491	15.69	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	474290	13.86	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	236794	16.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	263179	16.26	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.85	165	490060	15.58	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	605787	15.86	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1625947	17.25	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	1943419	17.21	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	152697	9.02	ng/ul	0.00
58) Fluorene-d10	15.11	176	1416574	17.15	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	111379	7.08	ng/ul	0.00
71) Anthracene-d10	16.96	188	2109364	17.97	ng/ul	0.00
79) Pyrene-d10	19.27	212	2313888	24.71	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	1808202	19.63	ng/ul	0.00

Target Compounds

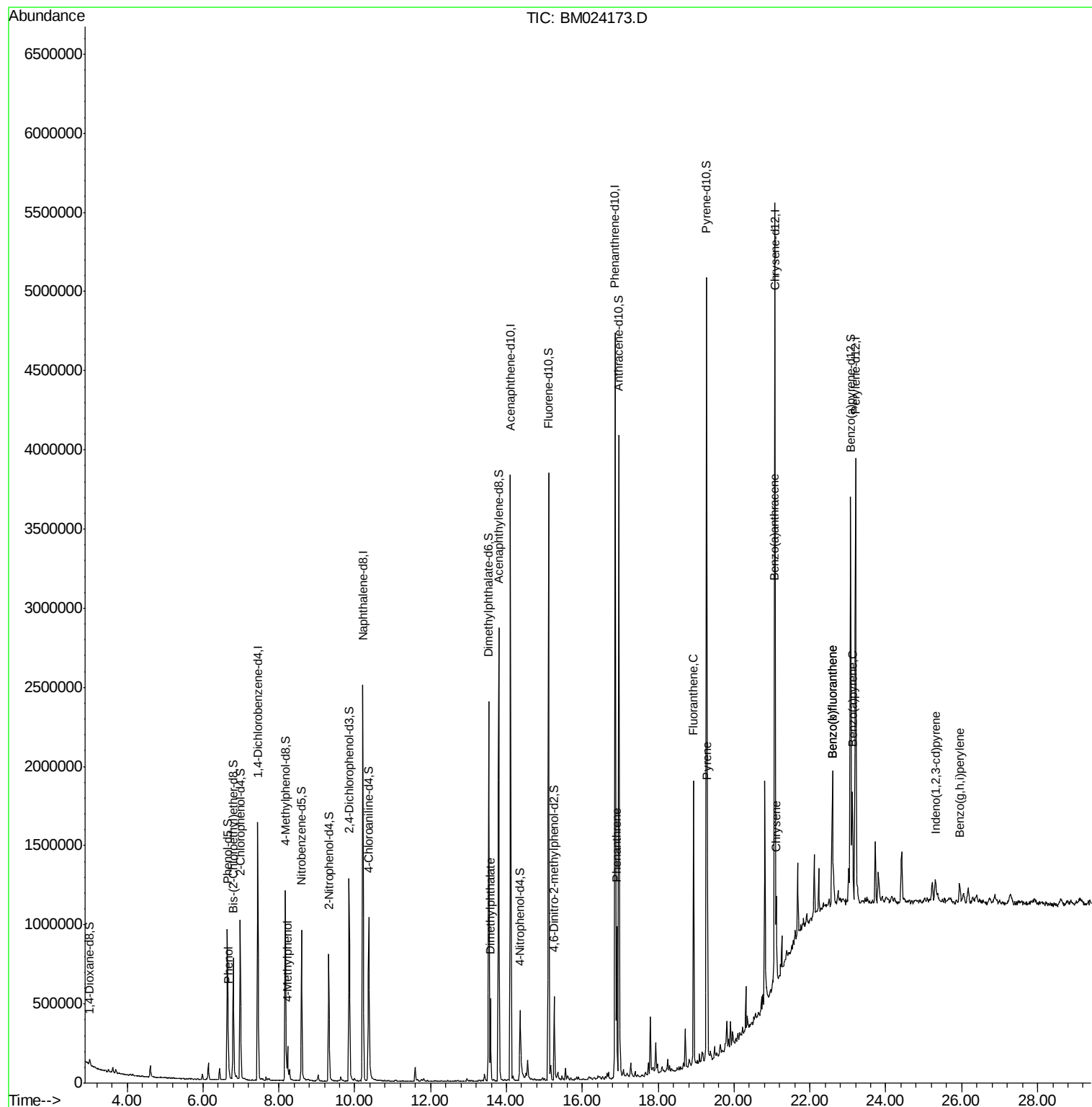
					Ovalue	
6) Phenol	6.67	94	49933	1.155	ng/ul	93
16) 4-Methylphenol	8.23	108	78553	2.201	ng/ul	86
45) Dimethylphthalate	13.58	163	317070	3.237	ng/ul	99
70) Phenanthrene	16.90	178	513311	3.555	ng/ul	99
77) Fluoranthene	18.93	202	1013589	6.440	ng/ul	99
80) Pyrene	19.30	202	786289	6.126	ng/ul	99
83) Benzo(a)anthracene	21.06	228	317448	2.534	ng/ul	99
85) Chrysene	21.11	228	285194	2.323	ng/ul	97
88) Benzo(b)fluoranthene	22.57	252	327749	2.954	ng/ul#	96
89) Benzo(k)fluoranthene	22.57	252	327749	3.011	ng/ul#	97
91) Benzo(a)pyrene	23.12	252	219724	2.189	ng/ul#	95
92) Indeno(1,2,3-cd)pyrene	25.31	276	141870	1.177	ng/ul	95
94) Benzo(g,h,i)perylene	25.95	276	137865	1.401	ng/ul	98

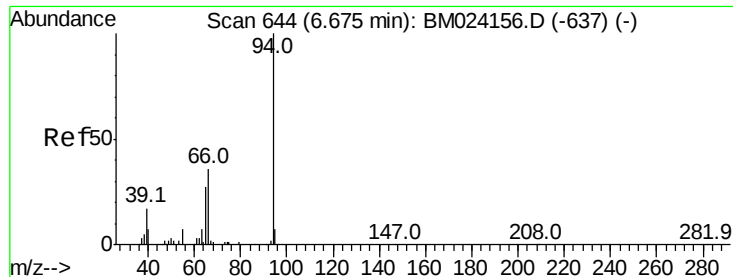
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Dec 19 02:44:00 2019
Response via : Initial Calibration





#6

Phenol

Concen: 1.155 ng/ul

RT: 6.67 min Scan# 643

Delta R.T. -0.01 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

Instrument :

BNA_M

ClientSampleId :

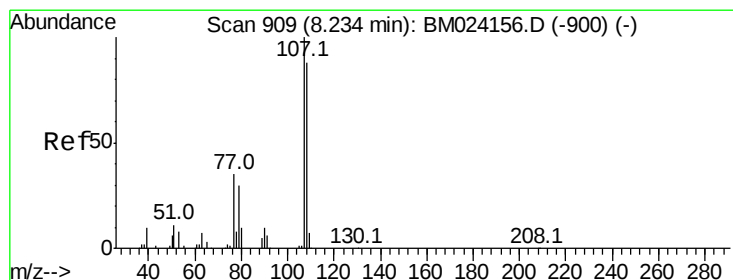
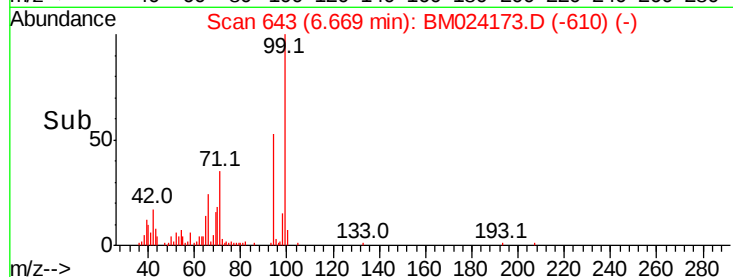
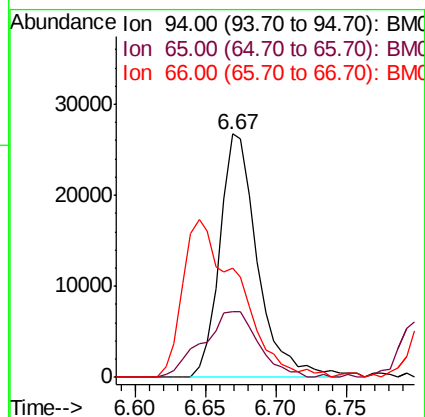
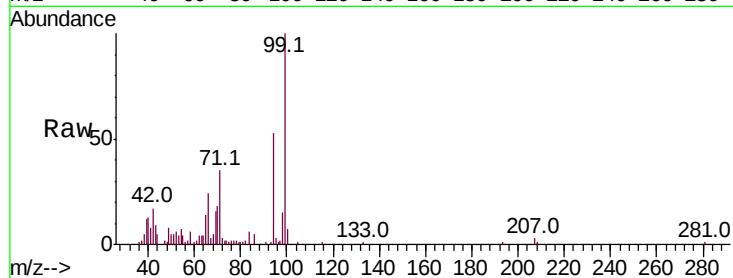
Tot Ion: 94 Resp: 49933

Ion Ratio Lower Upper

94 100

65 26.8 22.6 33.8

66 44.9 30.7 46.1



#16

4-Methylphenol

Concen: 2.201 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024173.D

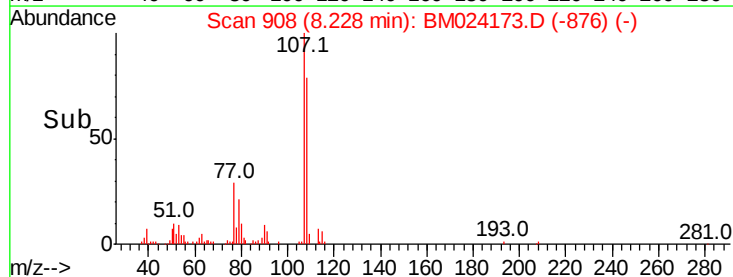
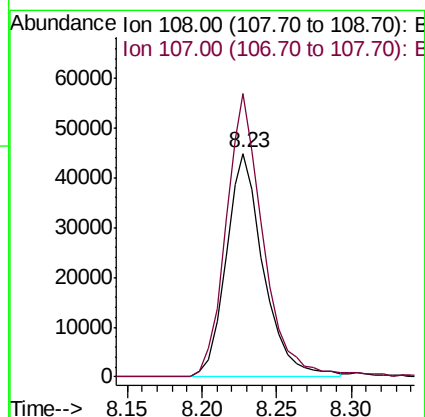
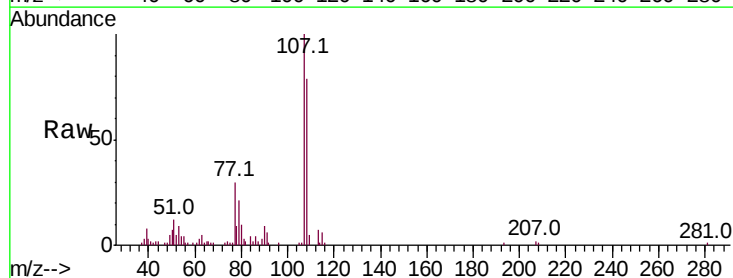
Acq: 19 Dec 2019 03:33

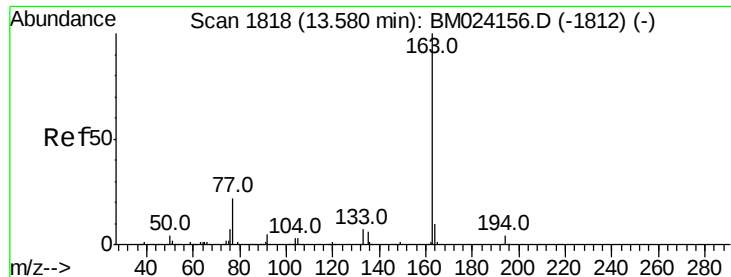
Tgt Ion:108 Resp: 78553

Ion Ratio Lower Upper

108 100

107 126.6 89.1 133.7

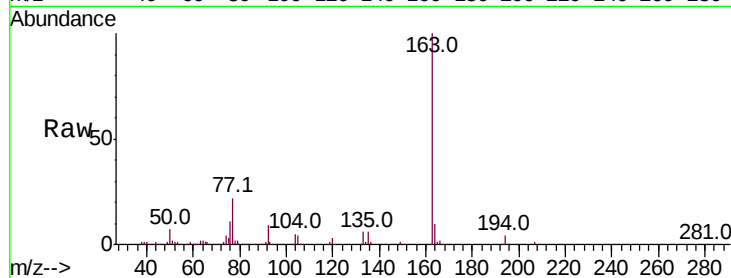




#45
Dimethylphthalate
Concen: 3.237 ng/ul
RT: 13.58 min Scan# 1818
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.2	4.8
164	10.4	7.8	11.6

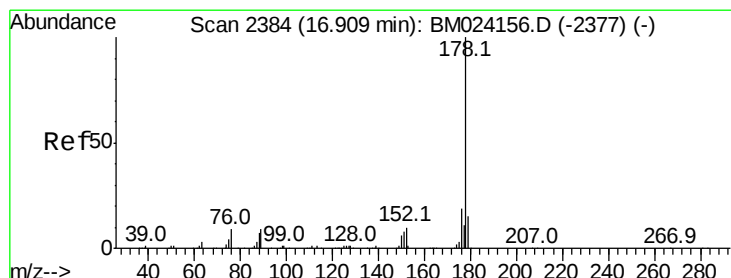
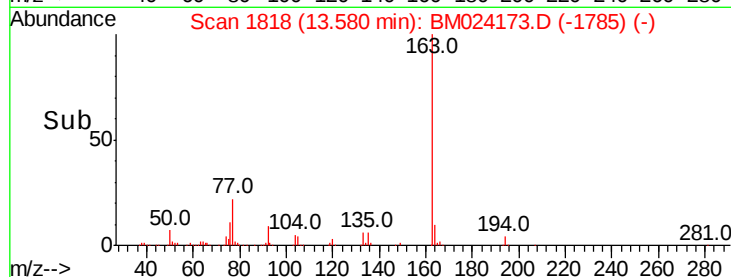
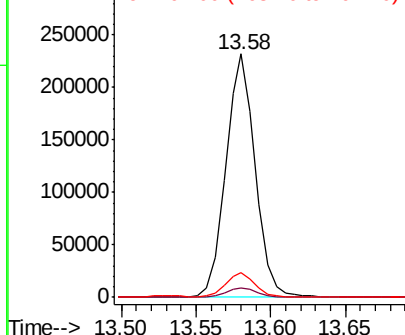


Abundance

Ion 163.00 (162.70 to 163.70): E

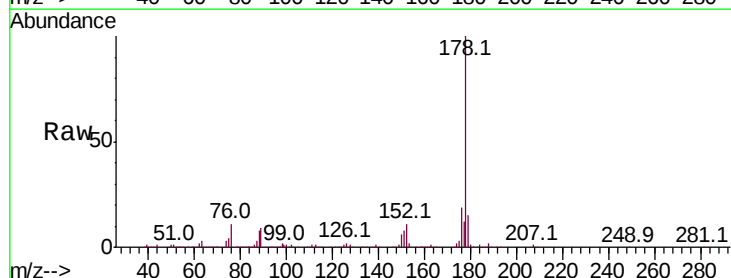
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#70
Phenanthrene
Concen: 3.555 ng/ul
RT: 16.90 min Scan# 2383
Delta R.T. -0.01 min
Lab File: BM024173.D
Acq: 19 Dec 2019 03:33

Tgt Ion	Ratio	Lower	Upper
178	100		
179	14.9	12.6	19.0
176	18.7	15.1	22.7

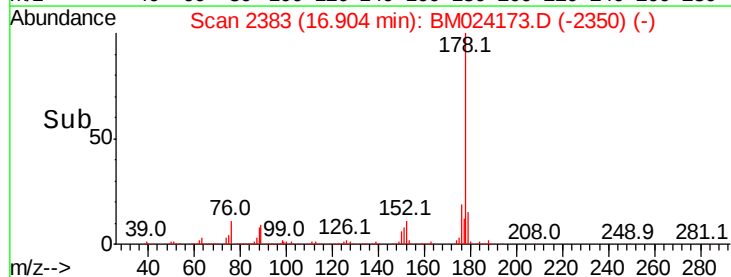
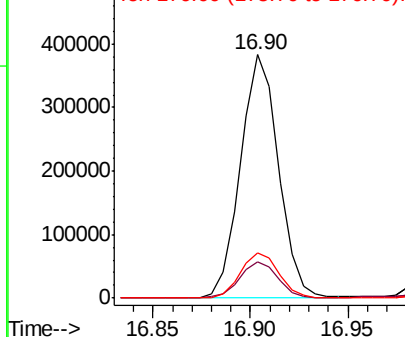


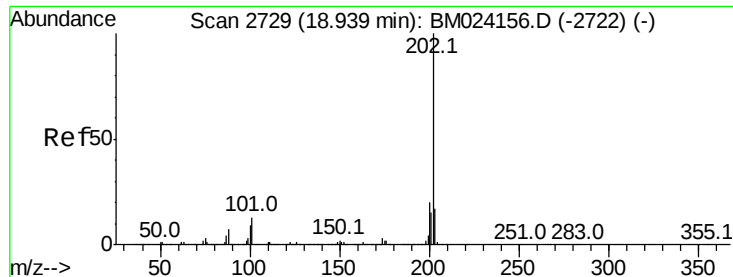
Abundance

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

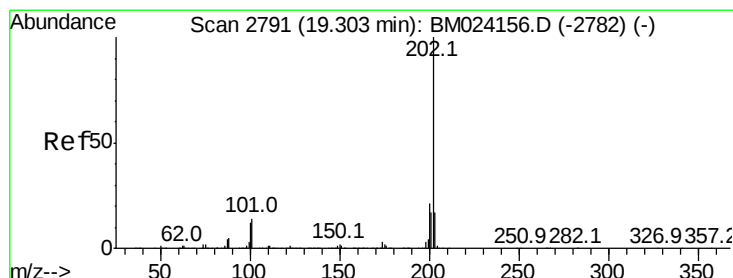
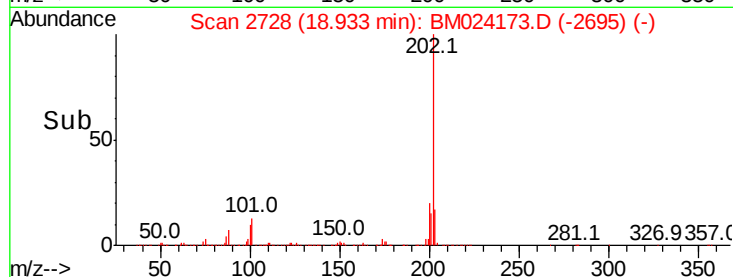
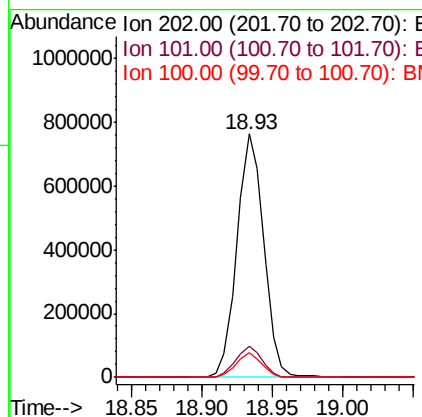
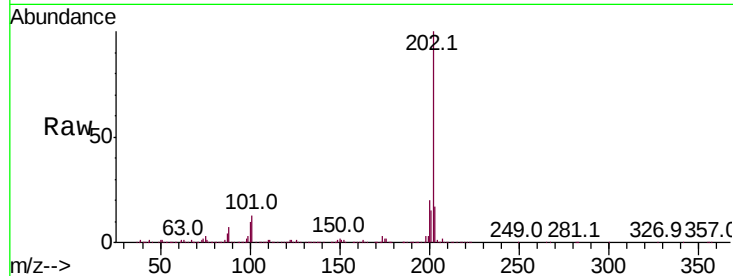




#77
 Fluoranthene
 Concen: 6.440 ng/ul
 RT: 18.93 min Scan# 2728
 Delta R.T. -0.01 min
 Lab File: BM024173.D
 Acq: 19 Dec 2019 03:33

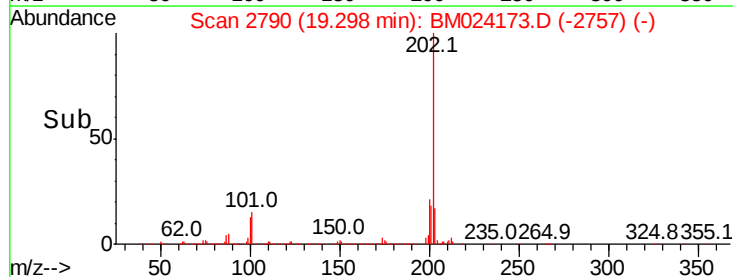
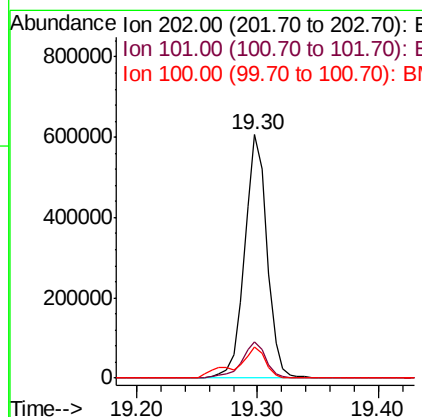
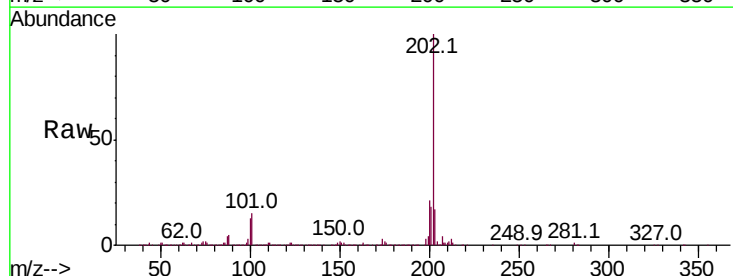
Instrument :
 BNA_M
 ClientSampled :

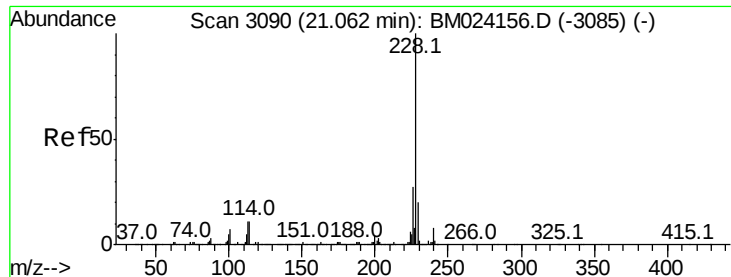
Tot Ion:202 Resp: 1013589
 Ion Ratio Lower Upper
 202 100
 101 12.7 10.6 15.8
 100 10.1 8.1 12.1



#80
 Pyrene
 Concen: 6.126 ng/ul
 RT: 19.30 min Scan# 2790
 Delta R.T. -0.01 min
 Lab File: BM024173.D
 Acq: 19 Dec 2019 03:33

Tgt Ion:202 Resp: 786289
 Ion Ratio Lower Upper
 202 100
 101 15.0 12.2 18.4
 100 12.7 10.0 15.0





#83

Benzo(a)anthracene

Concen: 2.534 ng/ul

RT: 21.06 min Scan# 3089

Delta R.T. -0.01 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

Instrument :

BNA_M

ClientSampleId :

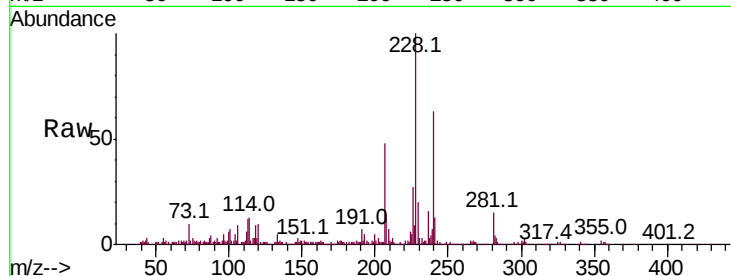
Tot Ion:228 Resp: 317448

Ion Ratio Lower Upper

228 100

229 20.4 15.8 23.8

226 27.1 22.2 33.2

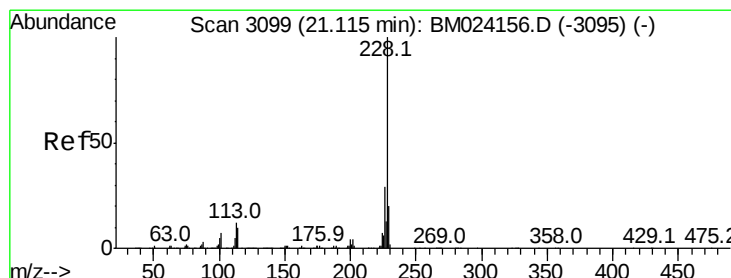
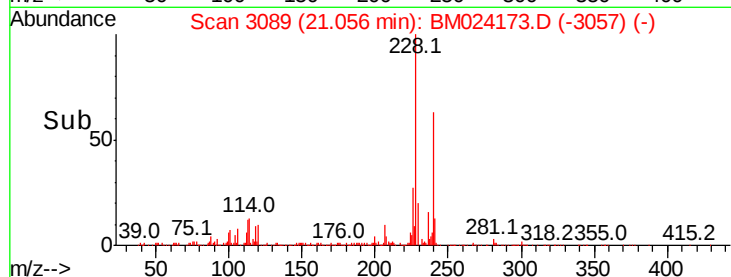
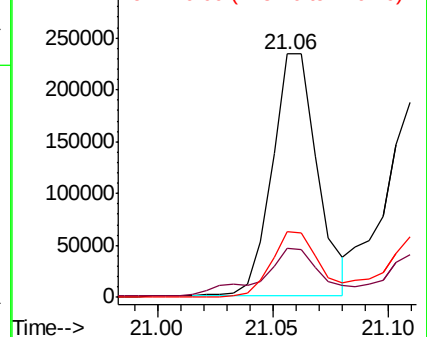


Abundance

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: 2.323 ng/ul

RT: 21.11 min Scan# 3098

Delta R.T. -0.01 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

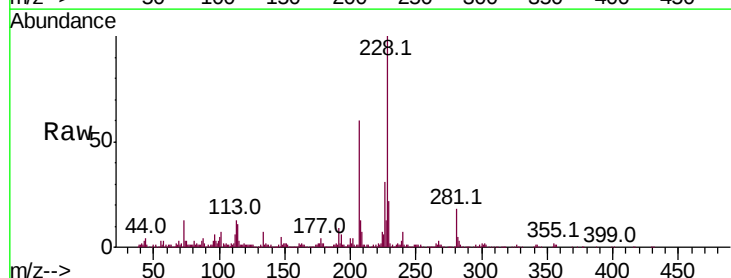
Tgt Ion:228 Resp: 285194

Ion Ratio Lower Upper

228 100

226 30.9 24.0 36.0

229 21.8 15.4 23.2

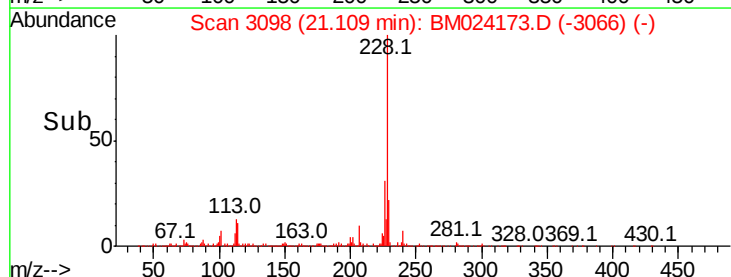
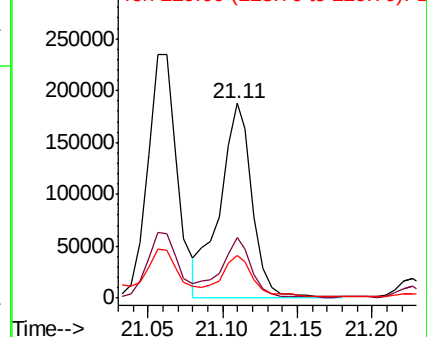


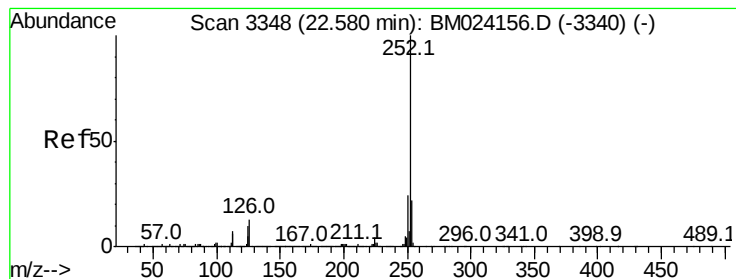
Abundance

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: 2.954 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. -0.01 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

Instrument :

BNA_M

ClientSampleId :

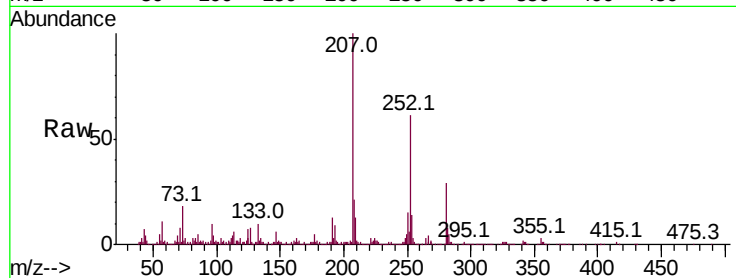
Tot Ion:252 Resp: 327749

Ion Ratio Lower Upper

252 100

253 22.8 17.2 25.8

125 12.2 7.8 11.8#

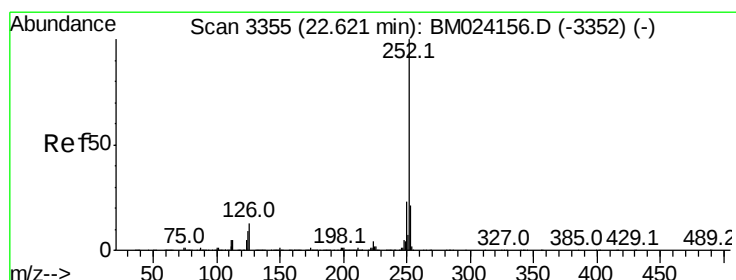
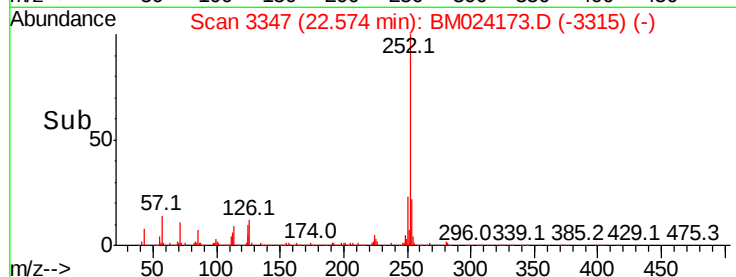
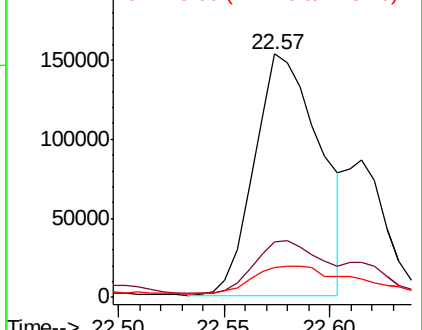


Abundance

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: 3.011 ng/ul

RT: 22.57 min Scan# 3347

Delta R.T. -0.05 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

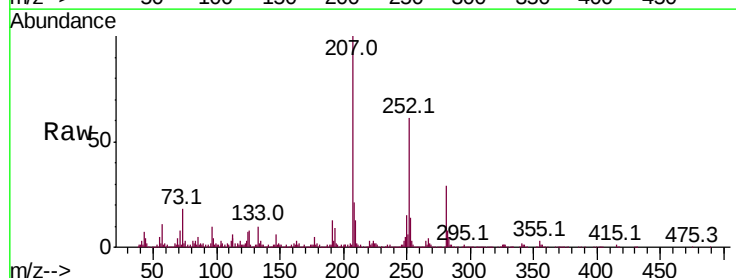
Tgt Ion:252 Resp: 327749

Ion Ratio Lower Upper

252 100

253 22.8 17.8 26.8

125 12.2 7.9 11.9#

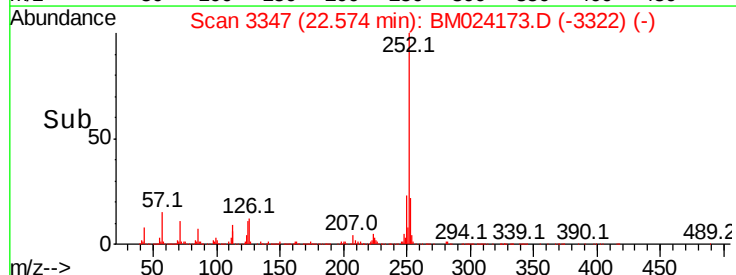
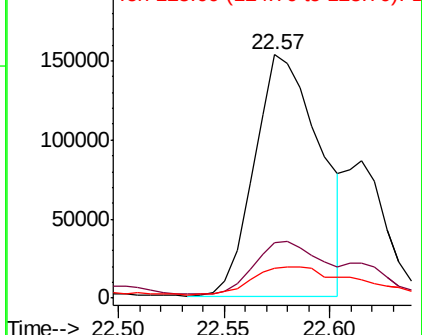


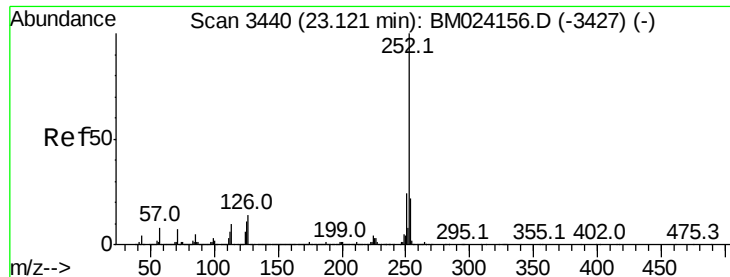
Abundance

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: 2.189 ng/ul

RT: 23.12 min Scan# 3439

Delta R.T. -0.01 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

Instrument :

BNA_M

ClientSampleId :

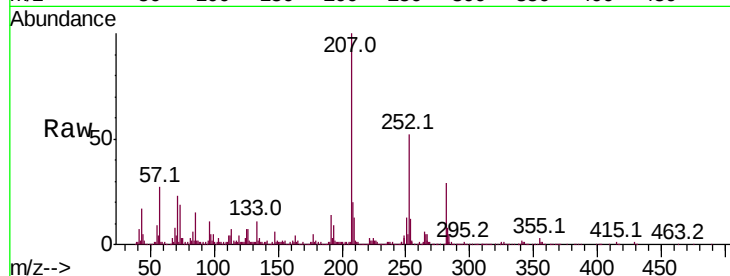
Tot Ion:252 Resp: 219724

Ion Ratio Lower Upper

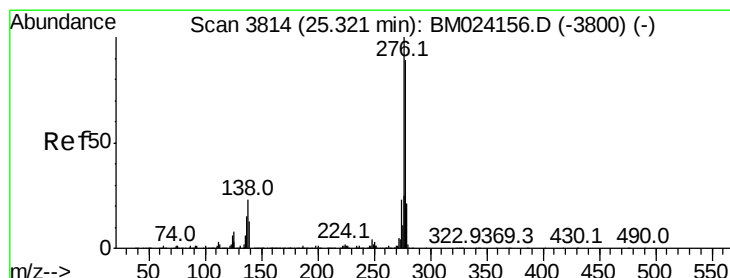
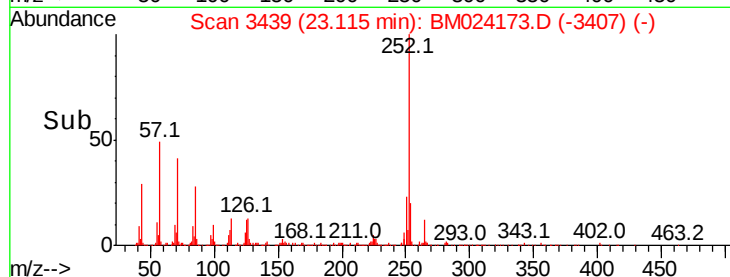
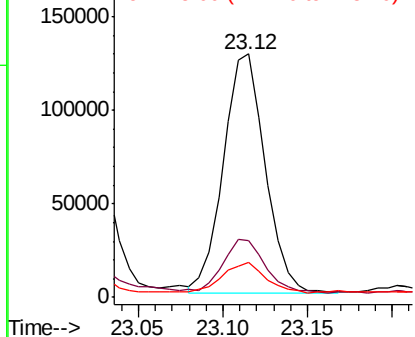
252 100

253 23.3 17.5 26.3

125 14.2 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: 1.177 ng/ul

RT: 25.31 min Scan# 3812

Delta R.T. -0.02 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

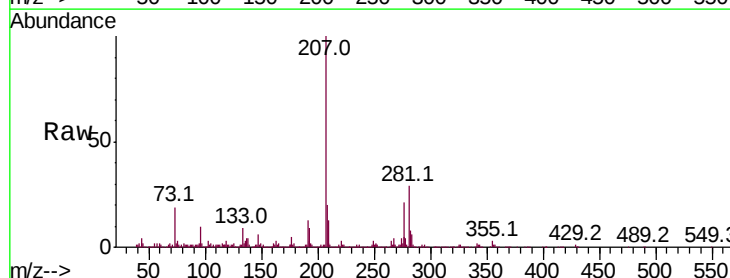
Tgt Ion:276 Resp: 141870

Ion Ratio Lower Upper

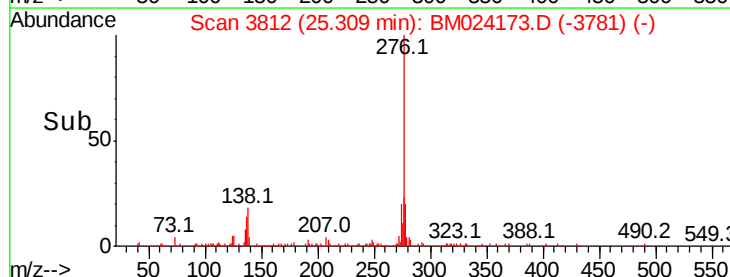
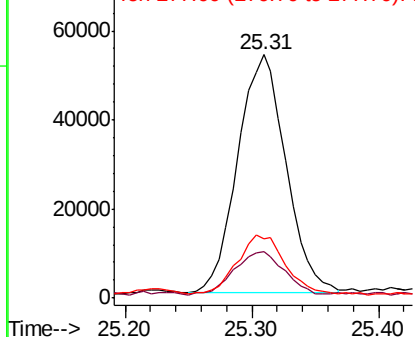
276 100

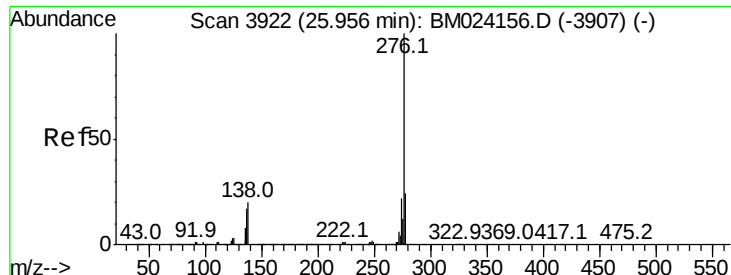
138 19.0 18.3 27.5

277 24.4 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: 1.401 ng/ul

RT: 25.95 min Scan# 3921

Delta R.T. -0.02 min

Lab File: BM024173.D

Acq: 19 Dec 2019 03:33

Instrument :

BNA_M

ClientSampleId :

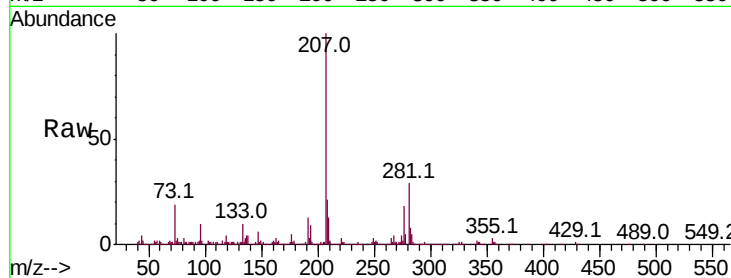
Tot Ion:276 Resp: 137865

Ion Ratio Lower Upper

276 100

138 20.0 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

