

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM121719\
 Data File : BM024162.D
 Acq On : 18 Dec 2019 21:00
 Operator : JU
 Sample : K6171-04
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Dec 19 02:43:00 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	344725	20.00	ng/ul	0.00
18) Naphthalene-d8	10.22	136	1611321	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.11	164	1034223	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.86	188	2160710	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	1853121	20.00	ng/ul	0.00
86) Perylene-d12	23.21	264	1763487	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.01	96	26718	3.42	ng/uL	0.00
5) Phenol-d5	6.65	99	629230	19.28	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.80	67	399782	20.42	ng/ul	0.00
9) 2-Chlorophenol-d4	6.99	132	480952	20.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.17	113	506583	18.99	ng/ul	0.00
19) Nitrobenzene-d5	8.60	128	241799	20.88	ng/ul	0.00
22) 2-Nitrophenol-d4	9.32	143	260427	20.46	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.86	165	509535	20.59	ng/ul	0.00
29) 4-Chloroaniline-d4	10.37	131	504860	16.80	ng/ul	0.00
44) Dimethylphthalate-d6	13.53	166	1693934	22.15	ng/ul	0.00
47) Acenaphthylene-d8	13.80	160	2043008	22.29	ng/ul	0.00
52) 4-Nitrophenol-d4	14.36	143	152087	11.08	ng/ul	0.00
58) Fluorene-d10	15.11	176	1537652	22.93	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	140274	10.64	ng/ul	0.00
71) Anthracene-d10	16.96	188	2330086	23.70	ng/ul	0.00
79) Pyrene-d10	19.27	212	2519275	28.54	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.08	264	2197759	25.09	ng/ul	0.00

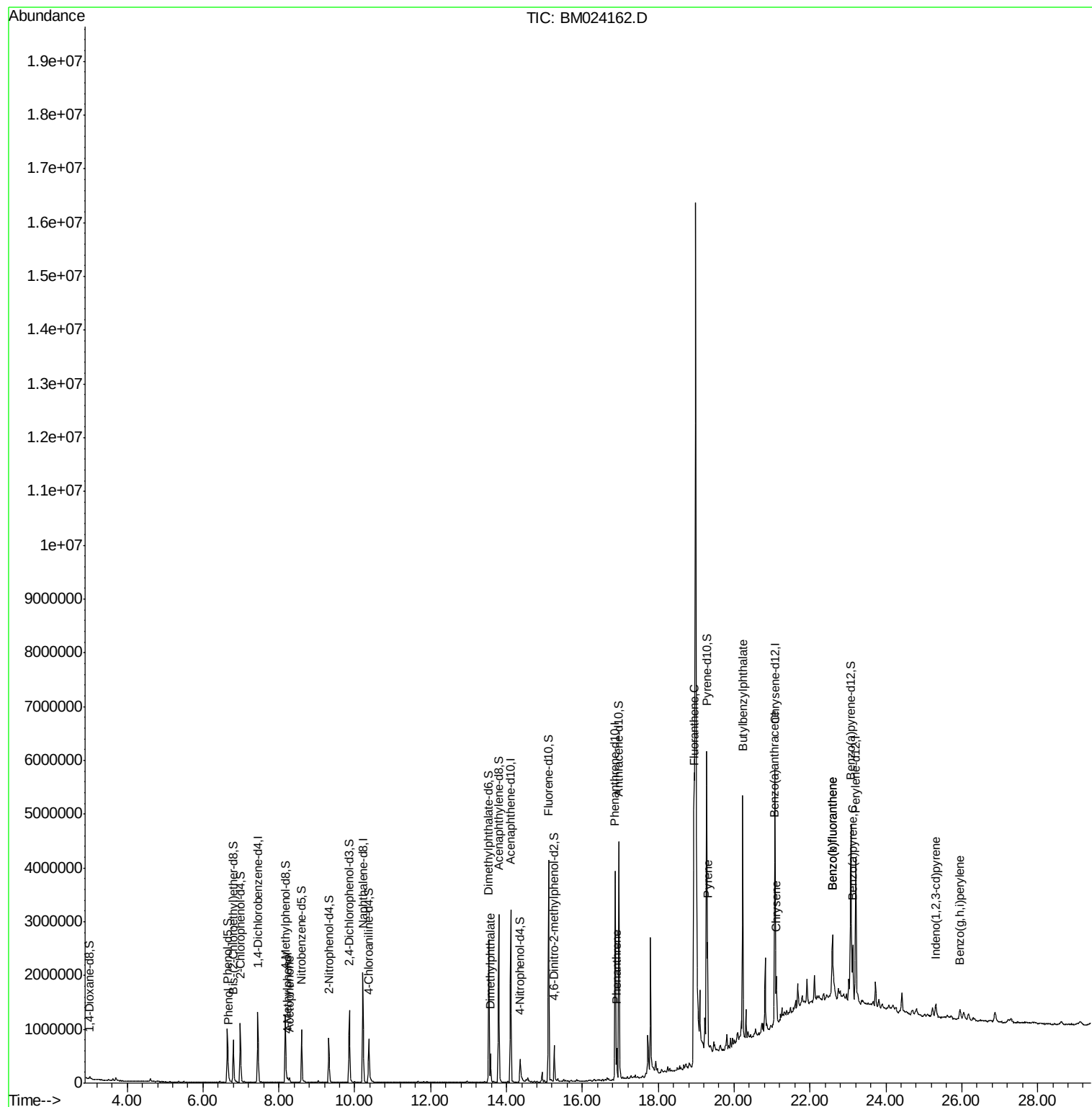
Target Compounds				Ovalue		
6) Phenol	6.67	94	36777	1.091	ng/ul	94
14) Acetophenone	8.28	105	46732	1.161	ng/ul	99
16) 4-Methylphenol	8.23	108	31895	1.146	ng/ul	98
45) Dimethylphthalate	13.58	163	333912	4.201	ng/ul	100
70) Phenanthrene	16.90	178	333761	2.759	ng/ul	99
77) Fluoranthene	18.93	202	1475191	11.189	ng/ul	100
80) Pyrene	19.30	202	1135029	9.382	ng/ul	98
81) Butylbenzylphthalate	20.23	149	1280543	26.868	ng/ul	98
83) Benzo(a)anthracene	21.06	228	574010	4.862	ng/ul	100
85) Chrysene	21.12	228	494398	4.272	ng/ul	97
88) Benzo(b)fluoranthene	22.59	252	626399	5.936	ng/ul	97
89) Benzo(k)fluoranthene	22.59	252	626399	6.050	ng/ul	98
91) Benzo(a)pyrene	23.12	252	383419	4.017	ng/ul#	94
92) Indeno(1,2,3-cd)pyrene	25.31	276	244033	2.129	ng/ul	96
94) Benzo(g,h,i)perylene	25.96	276	229511	2.452	ng/ul	99

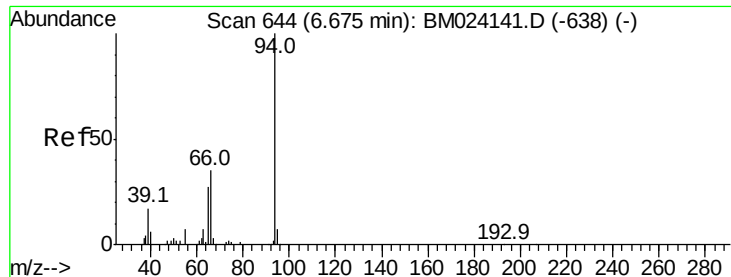
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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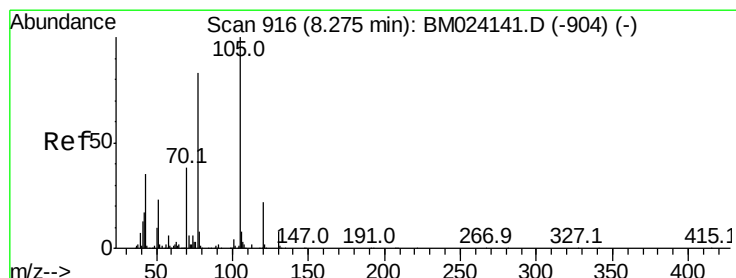
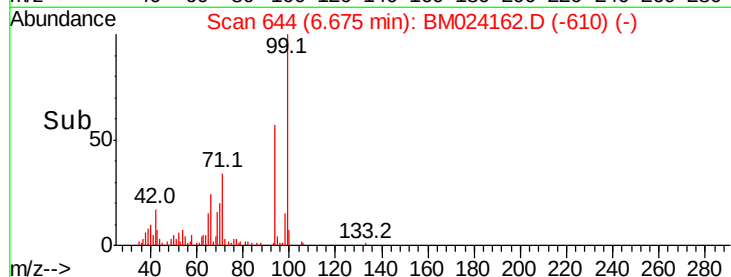
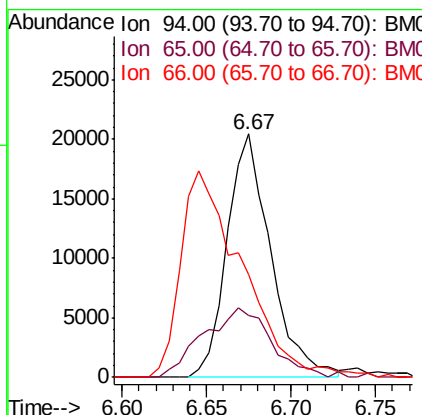
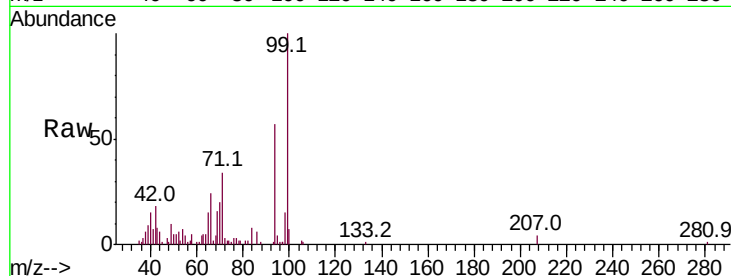
#6

Phenol

Concen: 1.091 ng/ul
 RT: 6.67 min Scan# 644
 Delta R.T. -0.00 min
 Lab File: BM024162.D
 Acq: 18 Dec 2019 21:00

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 36777
 Ion Ratio Lower Upper
 94 100
 65 25.6 22.6 33.8
 66 42.4 30.7 46.1

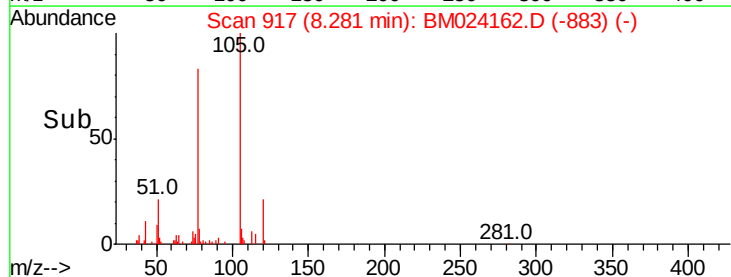
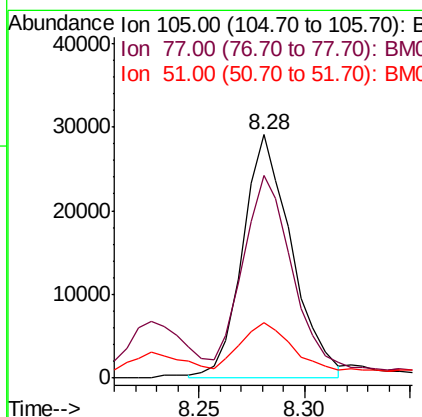
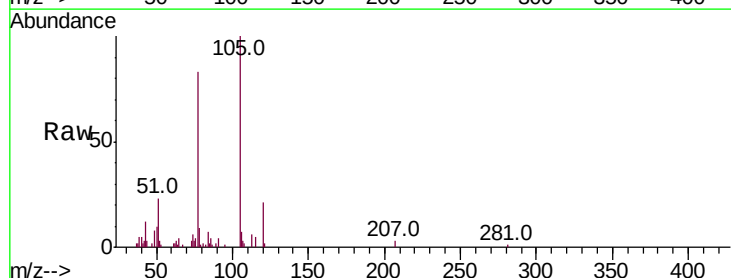


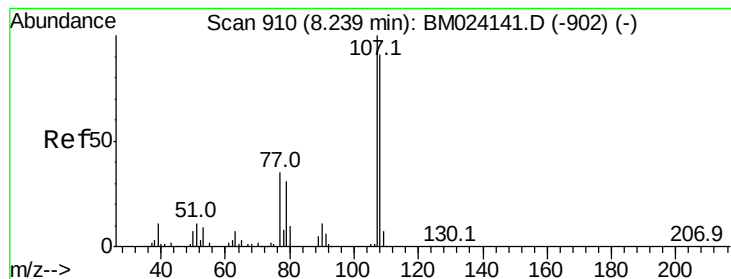
#14

Acetophenone

Concen: 1.161 ng/ul
 RT: 8.28 min Scan# 917
 Delta R.T. -0.00 min
 Lab File: BM024162.D
 Acq: 18 Dec 2019 21:00

Tgt Ion: 105 Resp: 46732
 Ion Ratio Lower Upper
 105 100
 77 83.3 65.6 98.4
 51 22.6 18.3 27.5





#16

4-Methylphenol

Concen: 1.146 ng/ul

RT: 8.23 min Scan# 908

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Instrument :

BNA_M

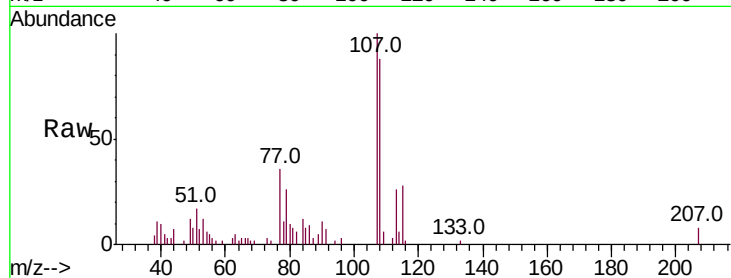
ClientSampleId :

Tot Ion:108 Resp: 31895

Ion Ratio Lower Upper

108 100

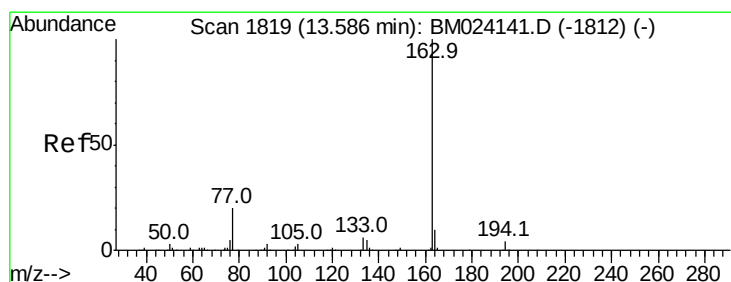
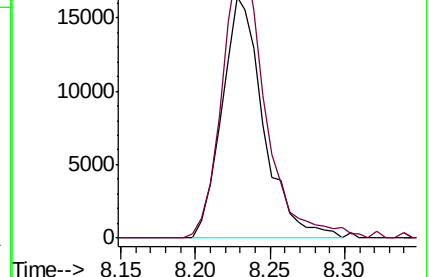
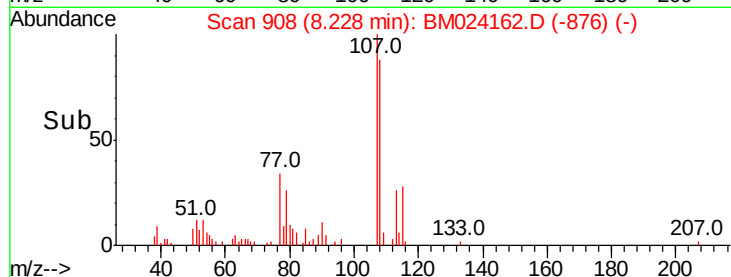
107 113.8 89.1 133.7



Abundance Ion 108.00 (107.70 to 108.70): E

Ion 107.00 (106.70 to 107.70): E

8.23



#45

Dimethylphthalate

Concen: 4.201 ng/ul

RT: 13.58 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

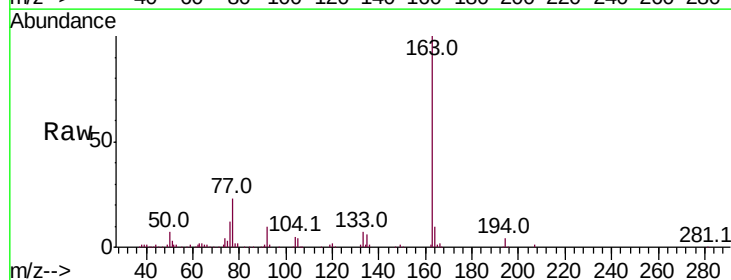
Tgt Ion:163 Resp: 333912

Ion Ratio Lower Upper

163 100

194 3.7 3.2 4.8

164 9.7 7.8 11.6

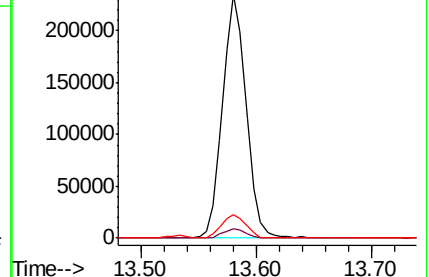
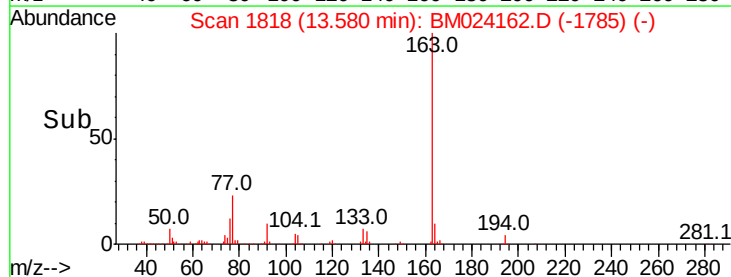


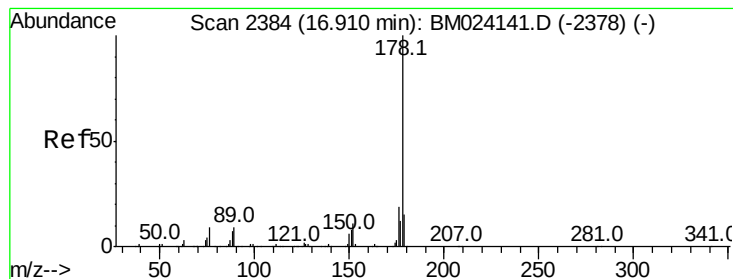
Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

13.58





#70

Phenanthrene

Concen: 2.759 ng/ul

RT: 16.90 min Scan# 2383

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

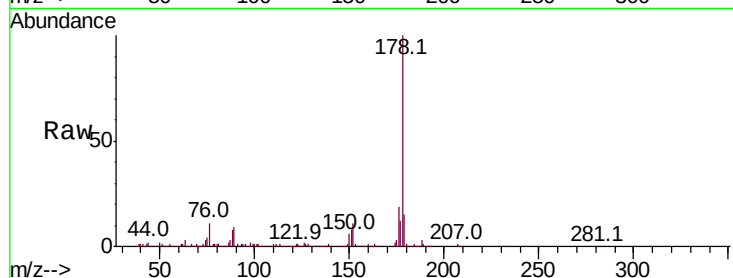
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 333761

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.6	19.0
176	19.2	15.1	22.7

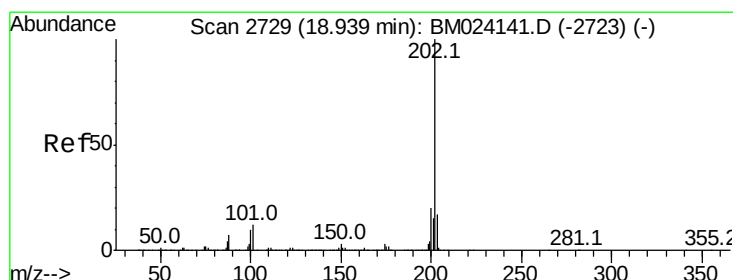
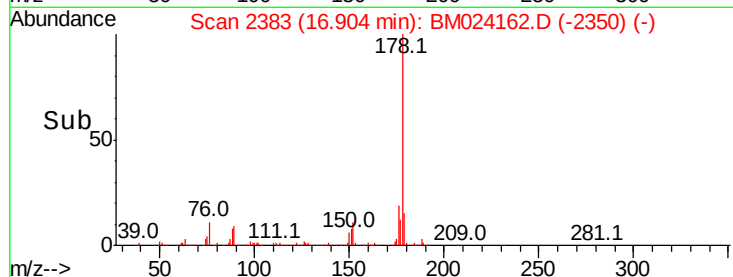
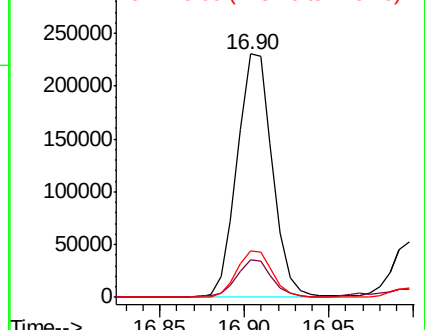


Abundance

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: 11.189 ng/ul

RT: 18.93 min Scan# 2728

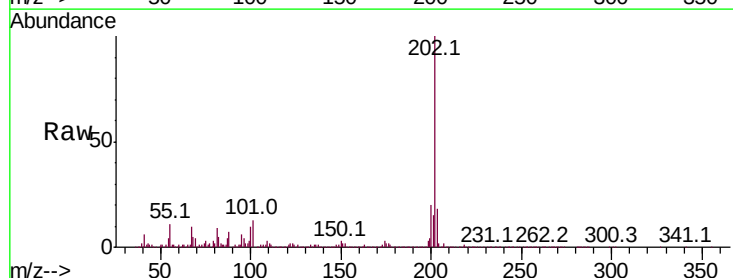
Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Tgt Ion:202 Resp: 1475191

Ion	Ratio	Lower	Upper
202	100		
101	13.4	10.6	15.8
100	10.1	8.1	12.1

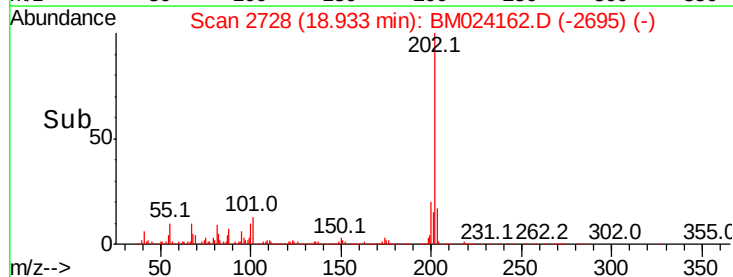
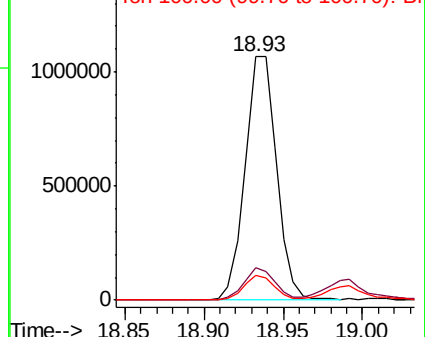


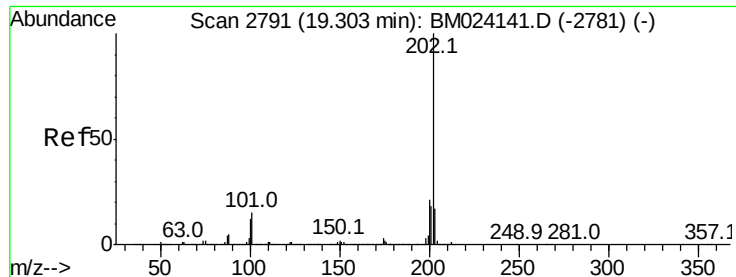
Abundance

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

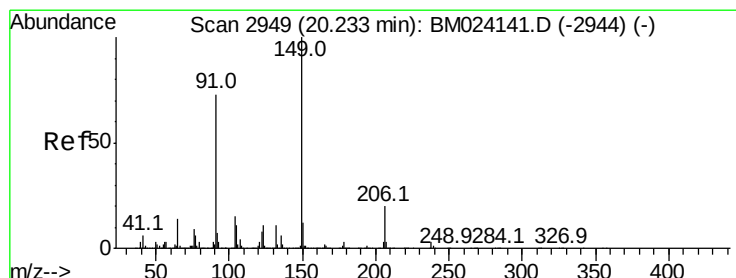
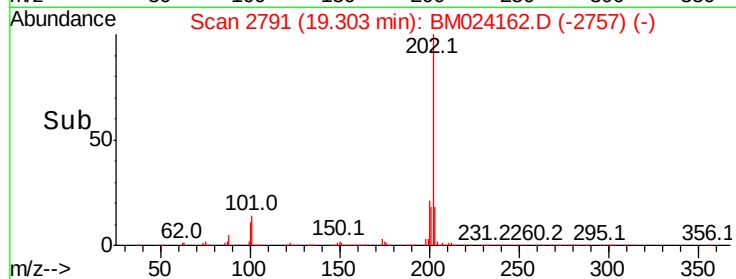
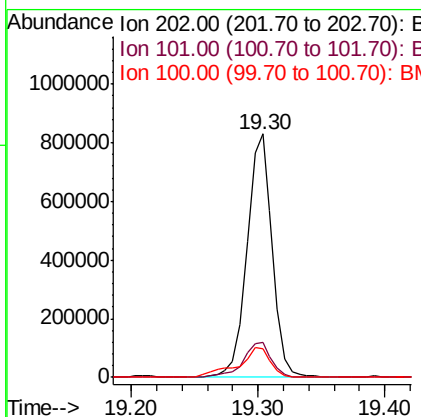
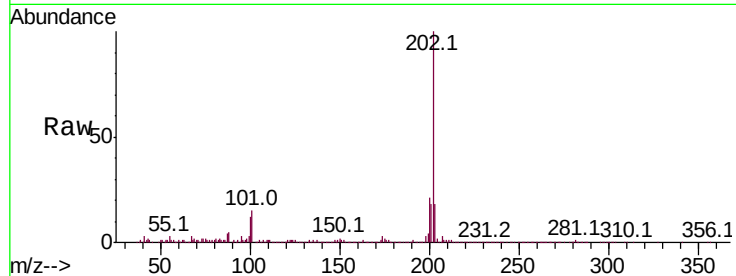




#80
Pvrene
Concen: 9.382 ng/ul
RT: 19.30 min Scan# 2791
Delta R.T. -0.00 min
Lab File: BM024162.D
Acq: 18 Dec 2019 21:00

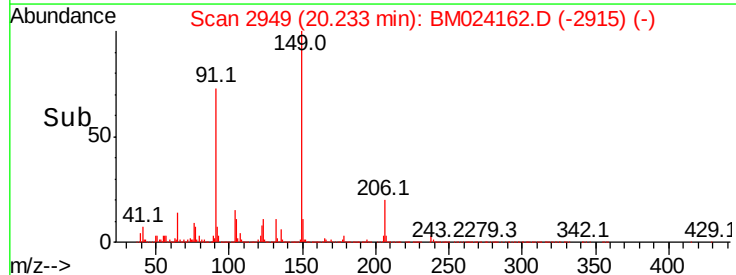
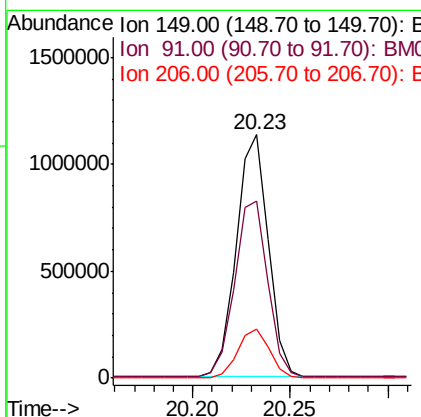
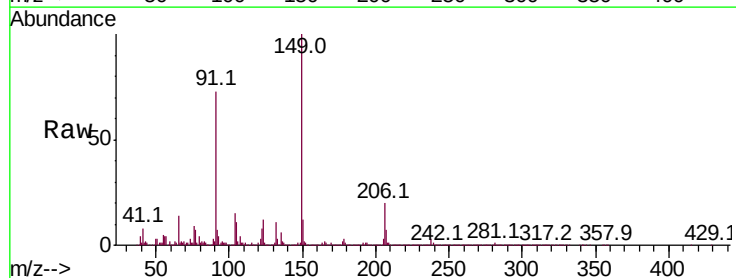
Instrument :
BNA_M
ClientSampleId :

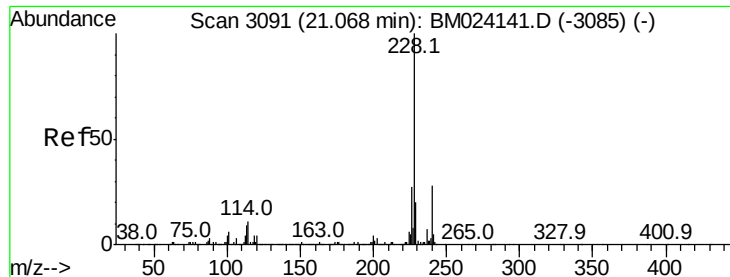
Tot Ion:202 Resp: 1135029
Ion Ratio Lower Upper
202 100
101 14.5 12.2 18.4
100 11.5 10.0 15.0



#81
Butylbenzylphthalate
Concen: 26.868 ng/ul
RT: 20.23 min Scan# 2949
Delta R.T. -0.00 min
Lab File: BM024162.D
Acq: 18 Dec 2019 21:00

Tgt Ion:149 Resp: 1280543
Ion Ratio Lower Upper
149 100
91 72.8 59.8 89.8
206 20.3 15.4 23.2





#83

Benzo(a)anthracene

Concen: 4.862 ng/ul

RT: 21.06 min Scan# 3090

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Instrument :

BNA_M

ClientSampled :

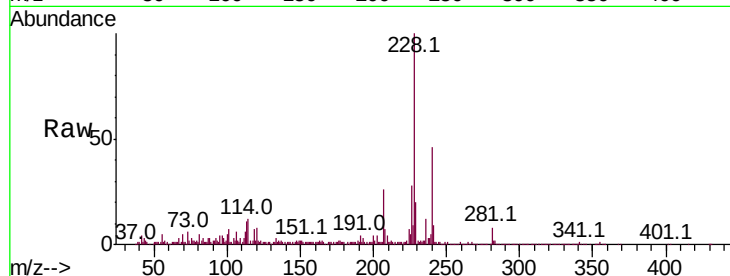
Tot Ion:228 Resp: 574010

Ion Ratio Lower Upper

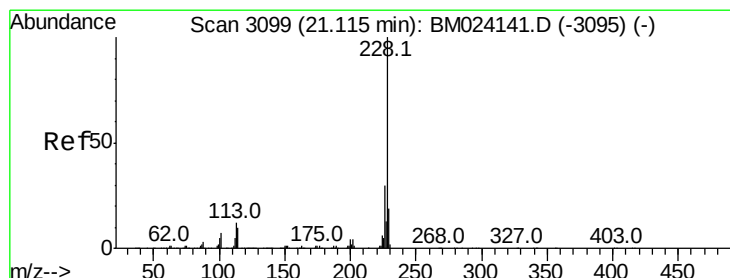
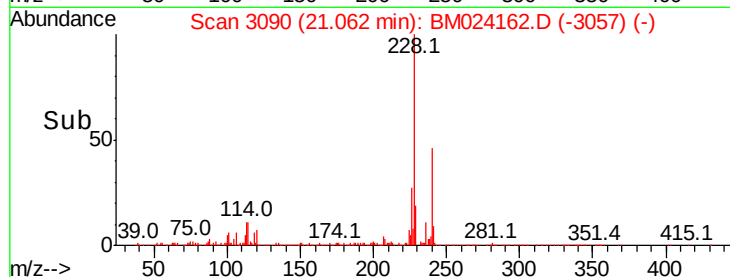
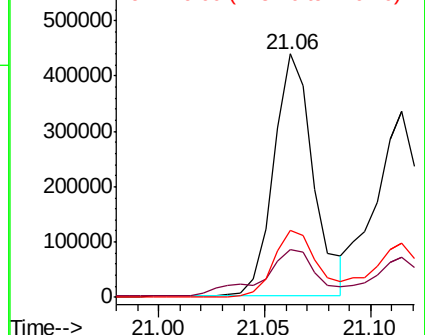
228 100

229 19.9 15.8 23.8

226 27.6 22.2 33.2



Abundance Ion 228.00 (227.70 to 228.70): E
600000
Ion 229.00 (228.70 to 229.70): E
Ion 226.00 (225.70 to 226.70): E



#85

Chrysene

Concen: 4.272 ng/ul

RT: 21.12 min Scan# 3099

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

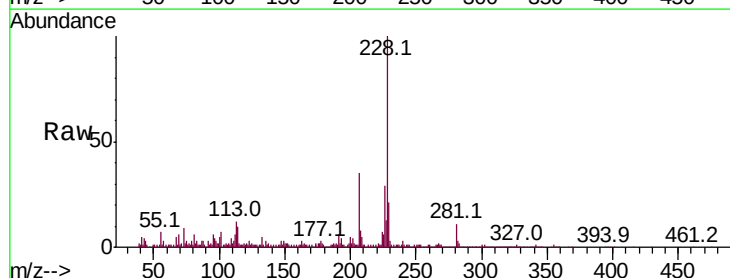
Tgt Ion:228 Resp: 494398

Ion Ratio Lower Upper

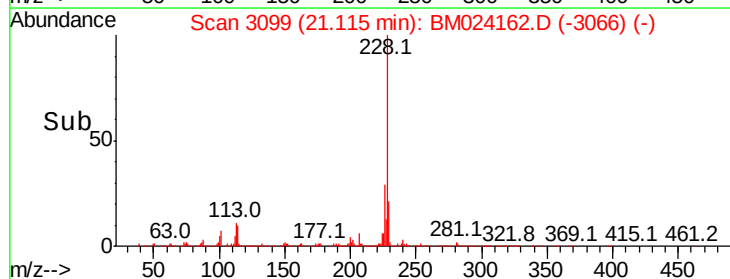
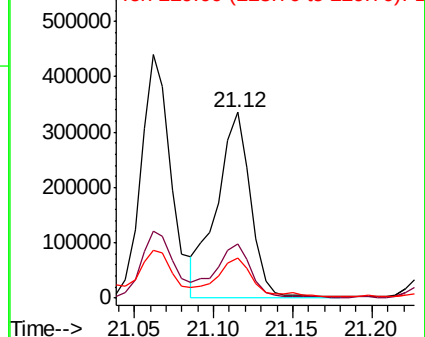
228 100

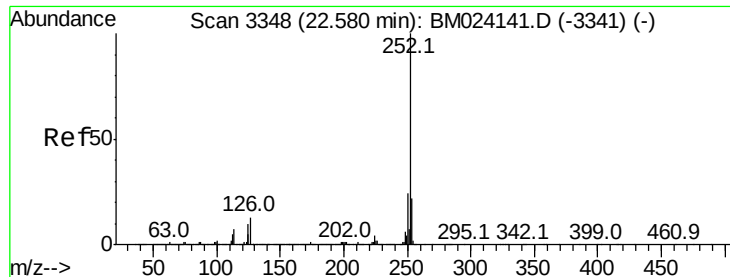
226 29.2 24.0 36.0

229 21.3 15.4 23.2



Abundance Ion 228.00 (227.70 to 228.70): E
600000
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E





#88

Benzo(b)fluoranthene

Concen: 5.936 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.00 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Instrument :

BNA_M

ClientSampleId :

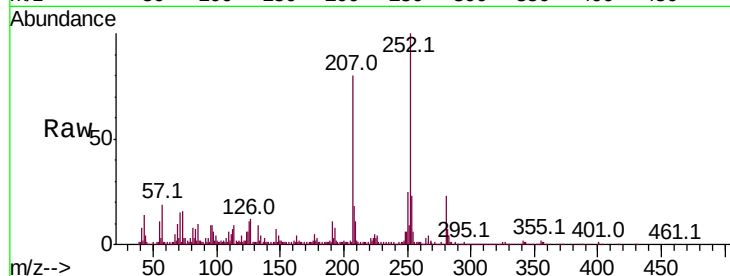
Tot Ion:252 Resp: 626399

Ion Ratio Lower Upper

252 100

253 23.0 17.2 25.8

125 11.2 7.8 11.8

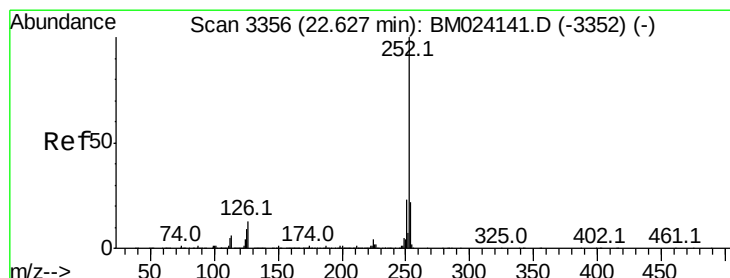
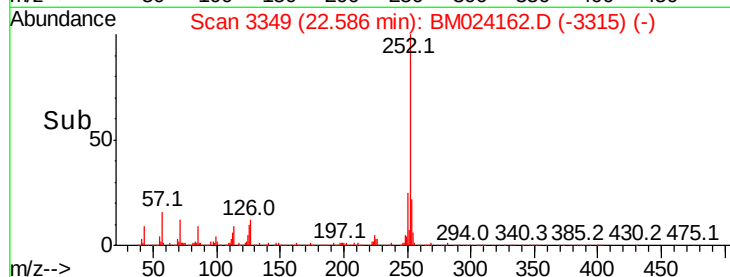
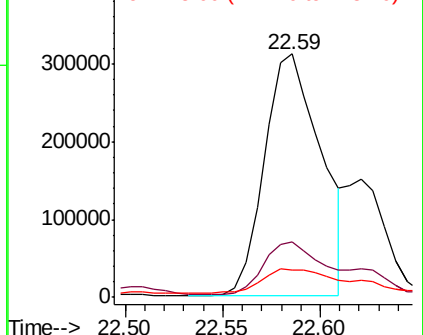


Abundance

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: 6.050 ng/ul

RT: 22.59 min Scan# 3349

Delta R.T. -0.04 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

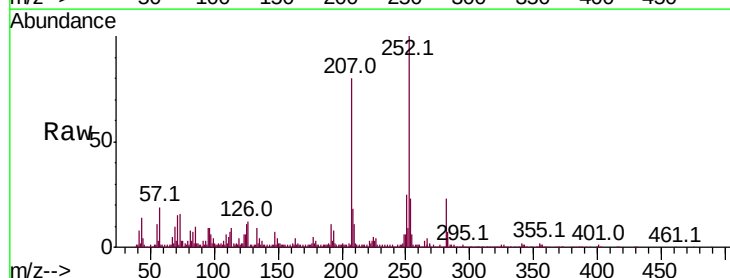
Tgt Ion:252 Resp: 626399

Ion Ratio Lower Upper

252 100

253 23.0 17.8 26.8

125 11.2 7.9 11.9

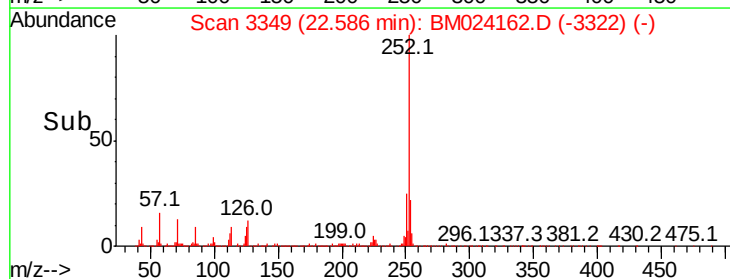
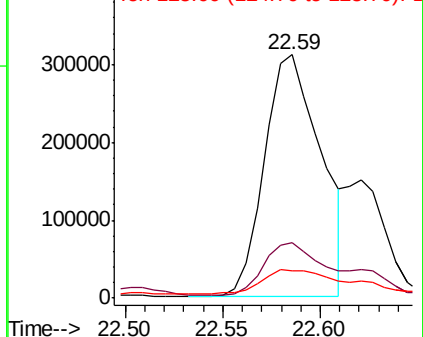


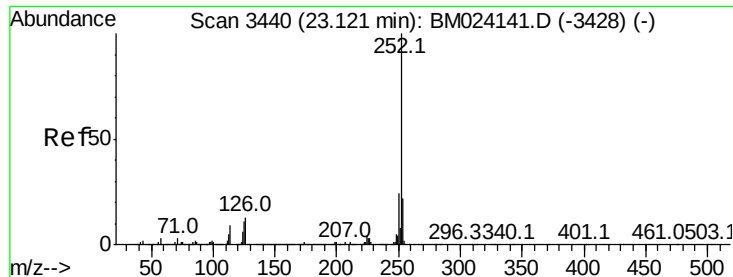
Abundance

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: 4.017 ng/ul

RT: 23.12 min Scan# 3440

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Instrument :

BNA_M

ClientSampleId :

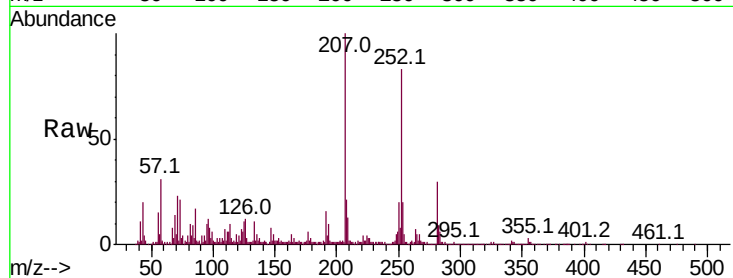
Tot Ion:252 Resp: 383419

Ion Ratio Lower Upper

252 100

253 24.1 17.5 26.3

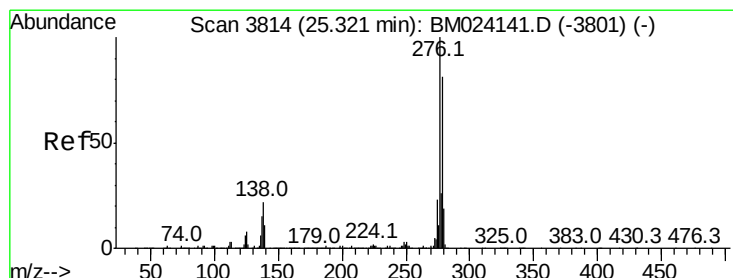
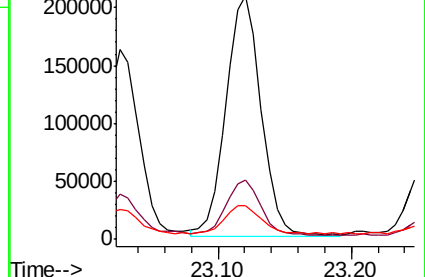
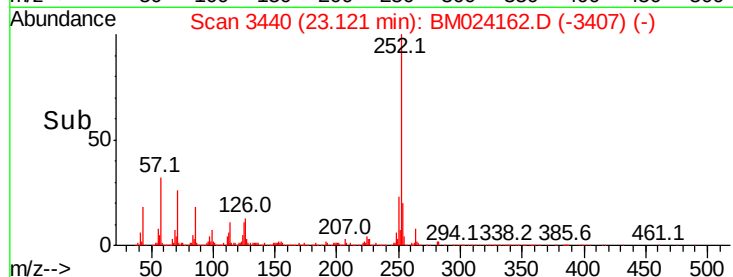
125 13.9 8.2 12.4#



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: 2.129 ng/ul

RT: 25.31 min Scan# 3813

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

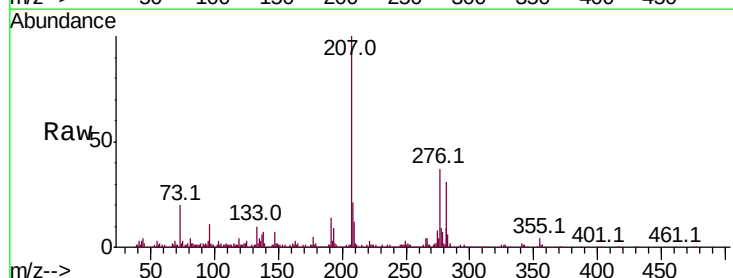
Tgt Ion:276 Resp: 244033

Ion Ratio Lower Upper

276 100

138 19.8 18.3 27.5

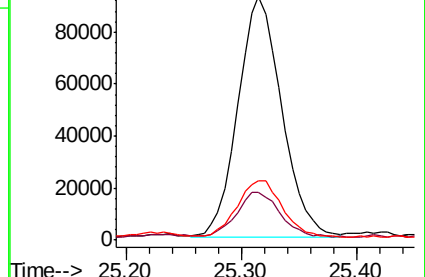
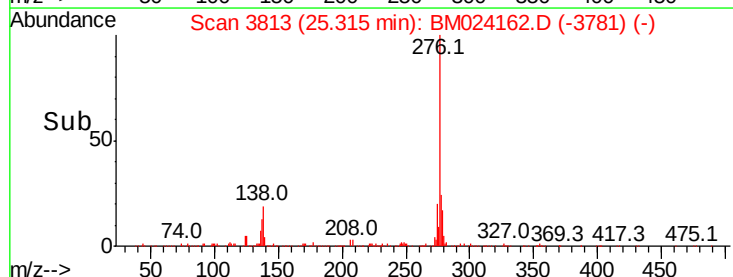
277 24.3 20.2 30.2

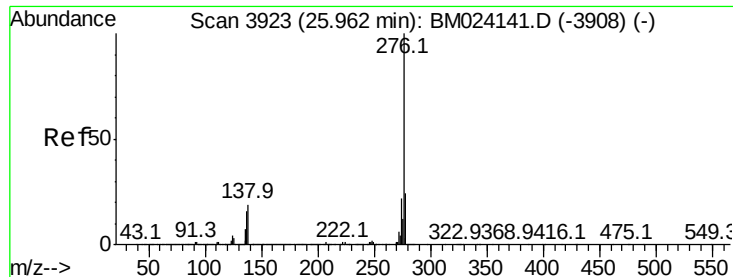


Abundance Ion 276.00 (275.70 to 276.70): E

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: 2.452 ng/ul

RT: 25.96 min Scan# 3922

Delta R.T. -0.01 min

Lab File: BM024162.D

Acq: 18 Dec 2019 21:00

Instrument :

BNA_M

ClientSampleId :

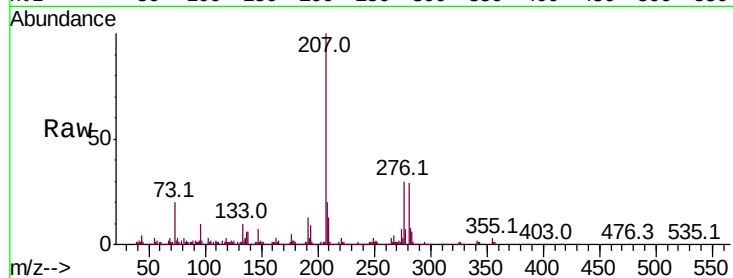
Tot Ion:276 Resp: 229511

Ion Ratio Lower Upper

276 100

138 18.8 15.3 22.9

277 23.5 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

