

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081220\
 Data File : BM027044.D
 Acq On : 12 Aug 2020 12:25
 Operator : JU/CG
 Sample : L3612-09
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 DBFN7

Quant Time: Aug 12 13:08:52 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM080720MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Aug 12 11:04:55 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.65	152	91177	20.00	ng/ul	0.00
18) Naphthalene-d8	10.42	136	334211	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.27	164	208410	20.00	ng/ul	0.00
62) Phenanthrene-d10	17.02	188	436149	20.00	ng/ul	0.00
78) Chrysene-d12	21.22	240	463154	20.00	ng/ul	0.00
86) Perylene-d12	23.41	264	488546	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.20	96	5822	2.90	ng/uL	0.00
5) Phenol-d5	6.82	99	119093	16.80	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.98	67	92682	19.08	ng/ul	0.00
9) 2-Chlorophenol-d4	7.18	132	97834	17.50	ng/ul	0.00
13) 4-Methylphenol-d8	8.35	113	86903	15.72	ng/ul	0.00
19) Nitrobenzene-d5	8.78	128	45425	17.15	ng/ul	0.00
22) 2-Nitrophenol-d4	9.50	143	46701	17.01	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.04	165	102328	17.73	ng/ul	0.00
29) 4-Chloroaniline-d4	10.55	131	97970	14.61	ng/ul	0.00
44) Dimethylphthalate-d6	13.69	166	340026	20.46	ng/ul	0.00
47) Acenaphthylene-d8	13.96	160	374601	18.92	ng/ul	0.00
52) 4-Nitrophenol-d4	14.47	143	39582	14.11	ng/ul	0.00
58) Fluorene-d10	15.27	176	277225	19.14	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.39	200	35795	15.03	ng/ul	0.00
71) Anthracene-d10	17.12	188	417065	19.41	ng/ul	0.00
79) Pyrene-d10	19.42	212	471182	20.40	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.27	264	532527	19.53	ng/ul	0.00

Target Compounds

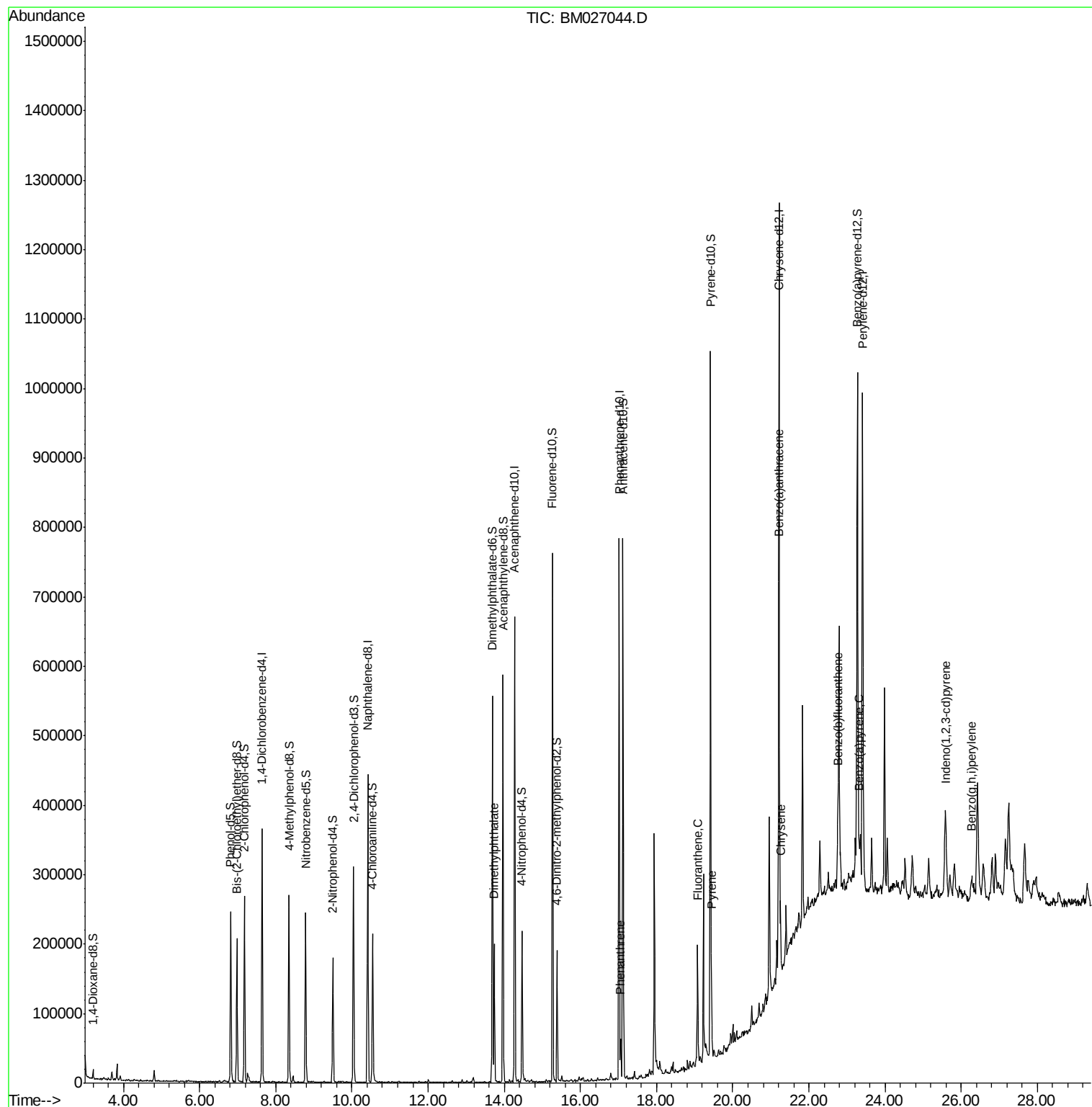
					Ovalue
45) Dimethylphthalate	13.74	163	119298	6.850	ng/ul 98
70) Phenanthrene	17.06	178	31856	1.218	ng/ul 95
77) Fluoranthene	19.08	202	95985	3.027	ng/ul 97
80) Pyrene	19.44	202	78719	2.504	ng/ul 98
83) Benzo(a)anthracene	21.20	228	37638	1.207	ng/ul 98
85) Chrysene	21.25	228	57375	1.875	ng/ul 98
88) Benzo(b)fluoranthene	22.76	252	84790	2.499	ng/ul 99
91) Benzo(a)pyrene	23.32	252	42842	1.388	ng/ul# 88
92) Indeno(1,2,3-cd)pyrene	25.60	276	39900	1.003	ng/ul 95
94) Benzo(g,h,i)perylene	26.27	276	36326	1.106	ng/ul# 95

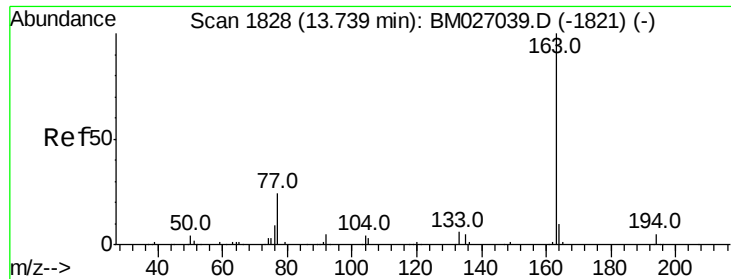
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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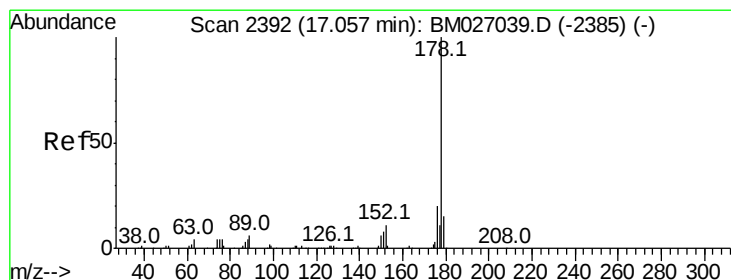
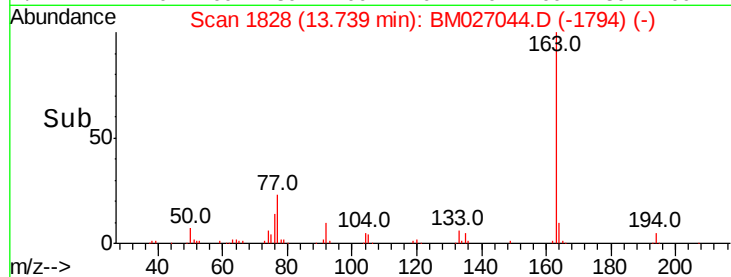
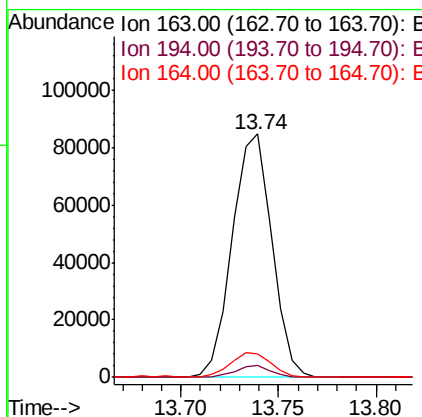
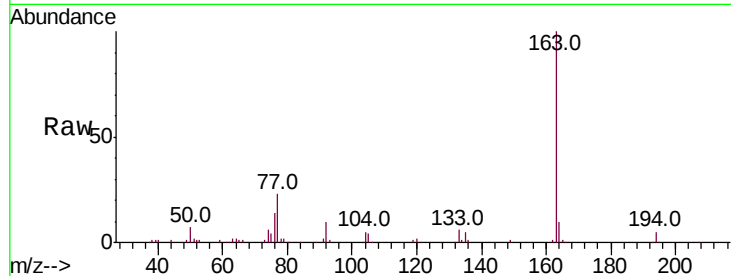




#45
Dimethylphthalate
Concen: 6.850 ng/ul
RT: 13.74 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BM027044.D
Acq: 12 Aug 2020 12:25

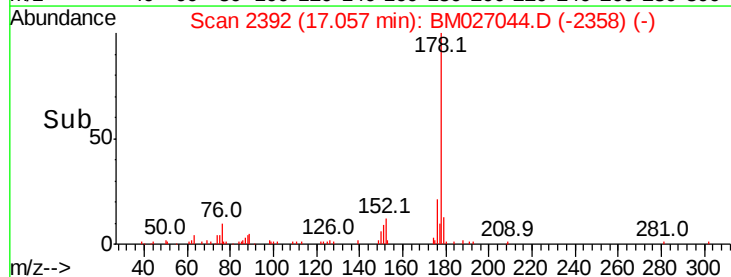
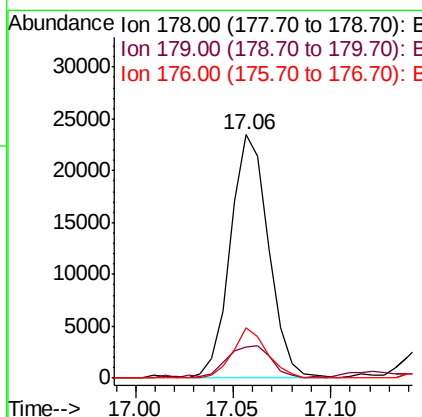
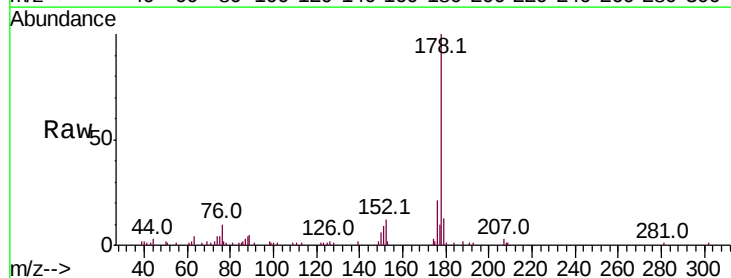
Instrument :
BNA_M
ClientSampled :
DBFN7

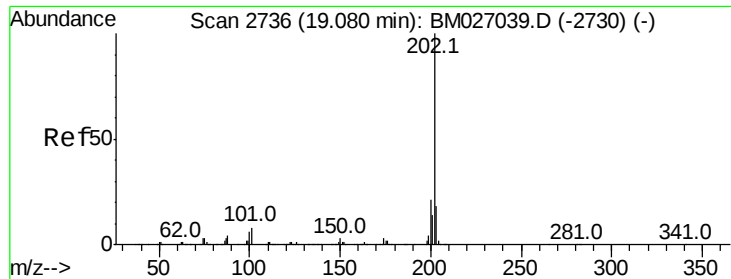
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.2	4.8
164	9.6	8.2	12.2



#70
Phenanthrene
Concen: 1.218 ng/ul
RT: 17.06 min Scan# 2392
Delta R.T. 0.00 min
Lab File: BM027044.D
Acq: 12 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
178	100		
179	13.0	11.9	17.9
176	20.9	14.6	22.0

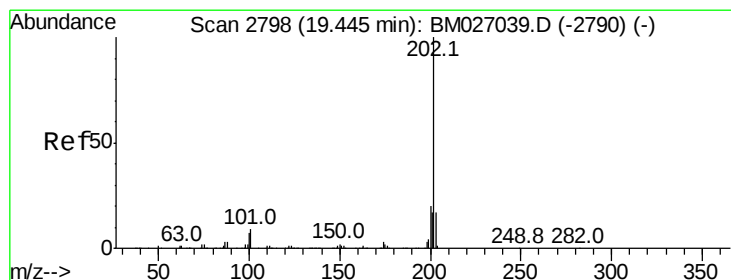
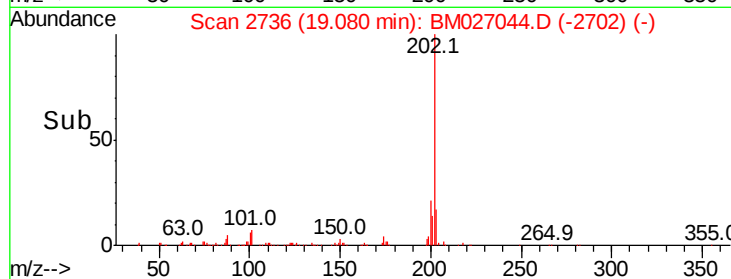
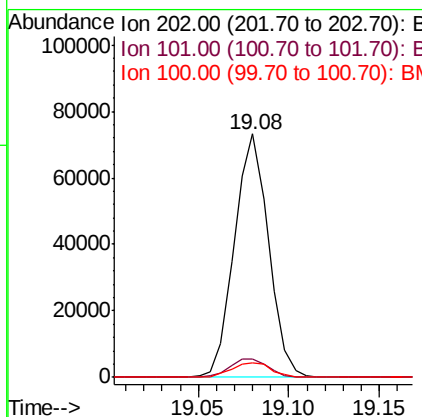
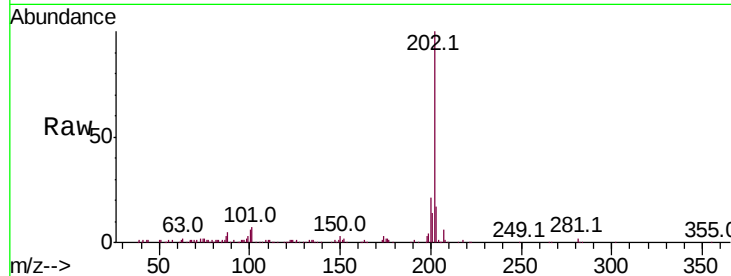




#77
Fluoranthene
 Concen: 3.027 ng/ul
 RT: 19.08 min Scan# 2736
 Delta R.T. 0.00 min
 Lab File: BM027044.D
 Acq: 12 Aug 2020 12:25

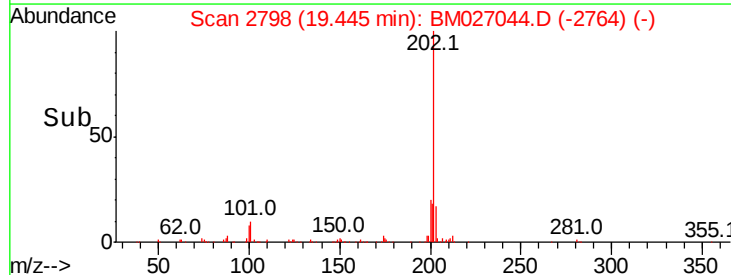
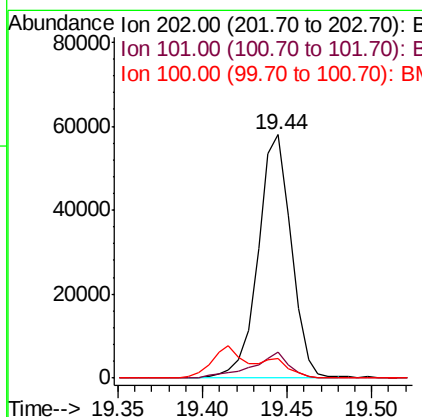
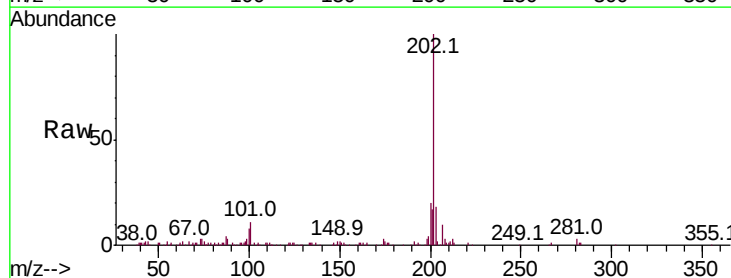
Instrument :
 BNA_M
 ClientSampleId :
 DBFN7

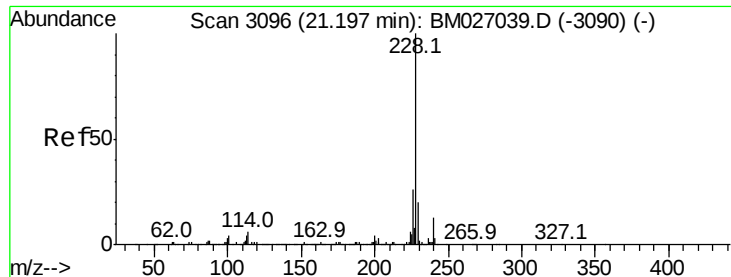
Tot Ion	Ratio	Resp	Lower	Upper
202	100	95985		
101	7.3		6.7	10.1
100	6.0		5.4	8.2



#80
Pyrene
 Concen: 2.504 ng/ul
 RT: 19.44 min Scan# 2798
 Delta R.T. 0.00 min
 Lab File: BM027044.D
 Acq: 12 Aug 2020 12:25

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	78719		
101	10.8		7.6	11.4
100	8.3		6.3	9.5





#83

Benzo(a)anthracene

Concen: 1.207 ng/ul

RT: 21.20 min Scan# 3096

Delta R.T. 0.00 min

Lab File: BM027044.D

Acq: 12 Aug 2020 12:25

Instrument :

BNA_M

ClientSampleId :

DBFN7

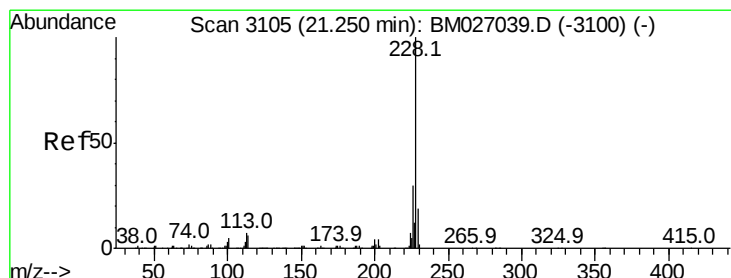
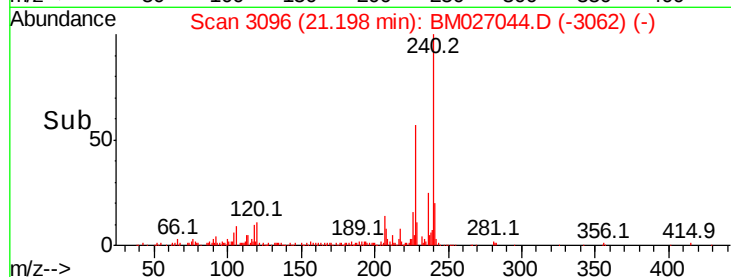
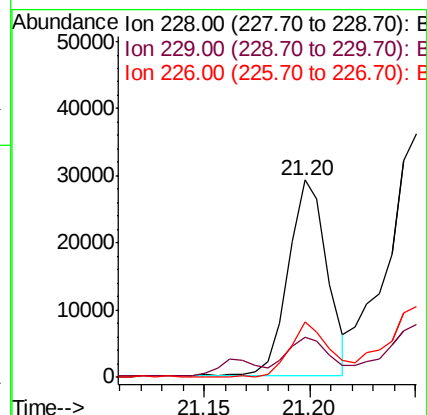
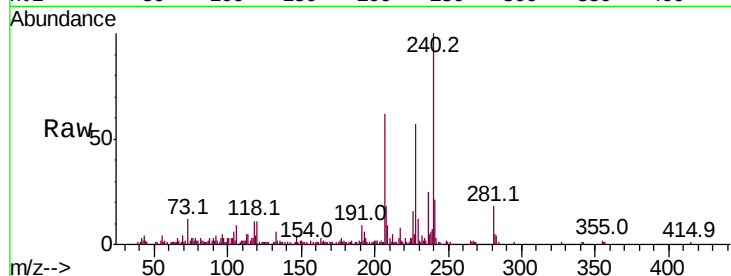
Tot Ion:228 Resp: 37638

Ion Ratio Lower Upper

228 100

229 20.6 15.8 23.6

226 27.9 21.2 31.8



#85

Chrysene

Concen: 1.875 ng/ul

RT: 21.25 min Scan# 3105

Delta R.T. 0.00 min

Lab File: BM027044.D

Acq: 12 Aug 2020 12:25

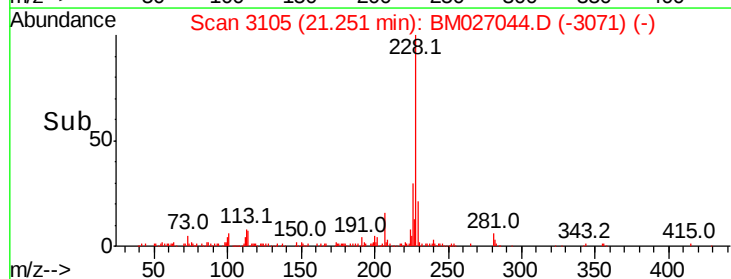
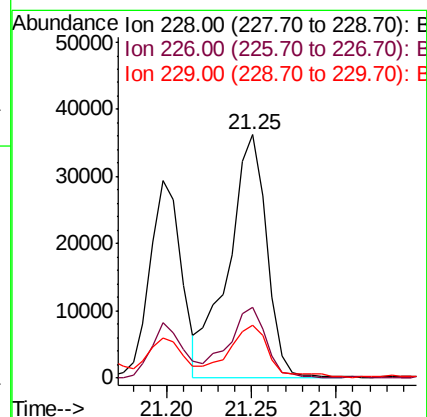
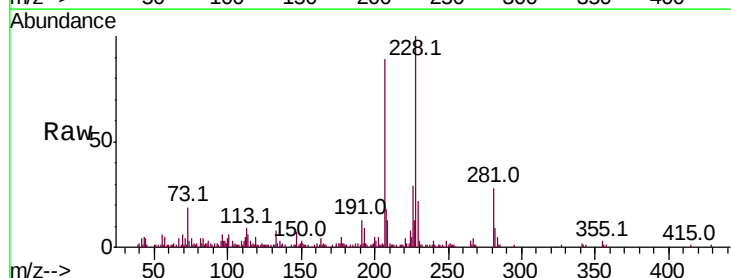
Tgt Ion:228 Resp: 57375

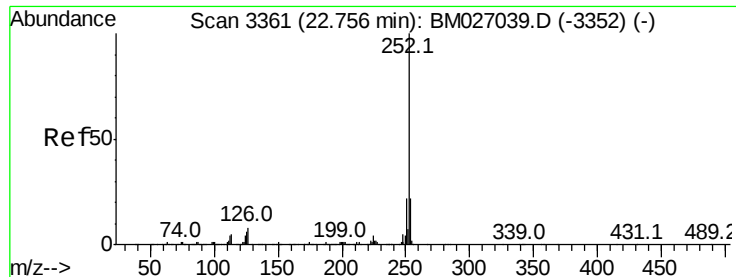
Ion Ratio Lower Upper

228 100

226 29.3 23.8 35.6

229 21.9 15.8 23.8





#88

Benzo(b)fluoranthene

Concen: 2.499 ng/ul

RT: 22.76 min Scan# 3361

Delta R.T. 0.00 min

Lab File: BM027044.D

Acq: 12 Aug 2020 12:25

Instrument :

BNA_M

ClientSampleId :

DBFN7

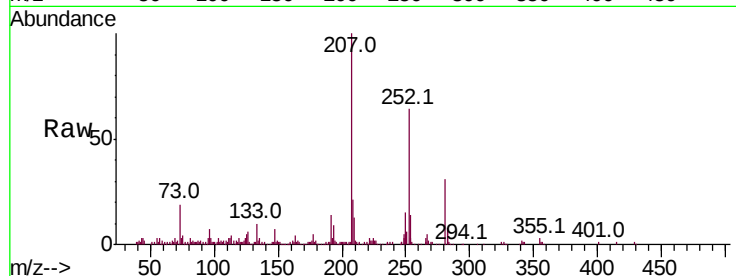
Tot Ion:252 Resp: 84790

Ion Ratio Lower Upper

252 100

253 22.2 17.6 26.4

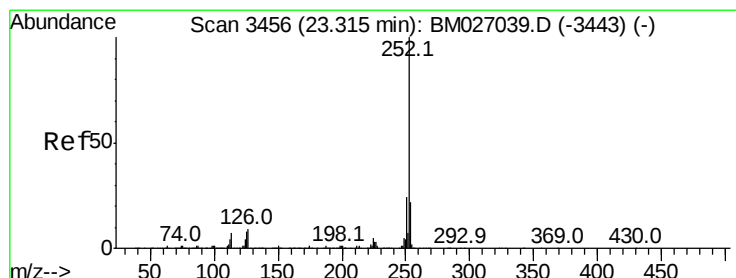
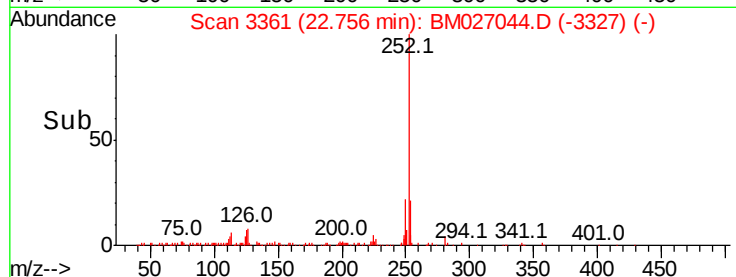
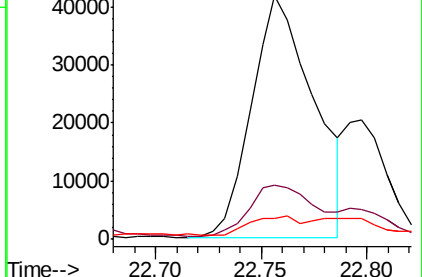
125 8.5 6.0 9.0



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: 1.388 ng/ul

RT: 23.32 min Scan# 3456

Delta R.T. 0.00 min

Lab File: BM027044.D

Acq: 12 Aug 2020 12:25

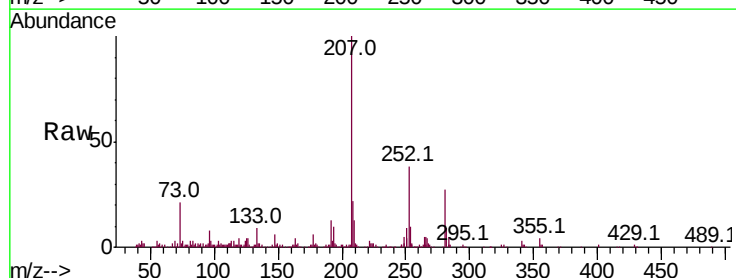
Tgt Ion:252 Resp: 42842

Ion Ratio Lower Upper

252 100

253 27.3 17.0 25.4#

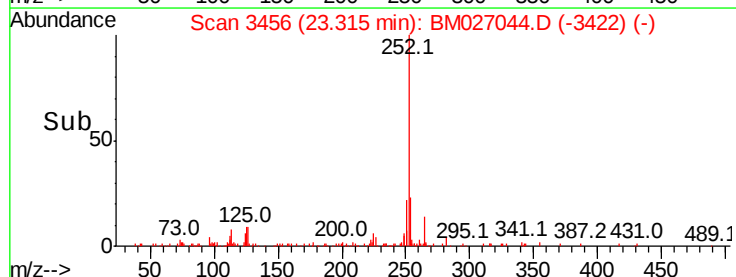
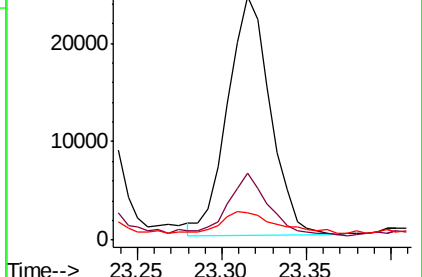
125 11.0 5.8 8.8#

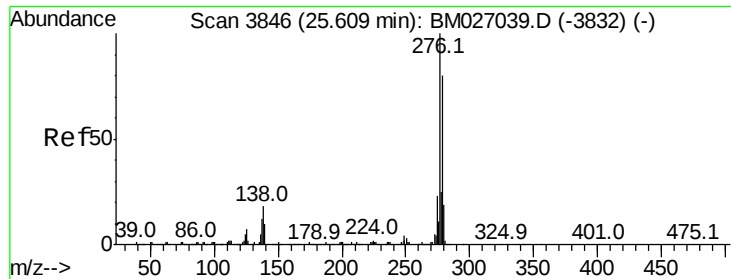


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



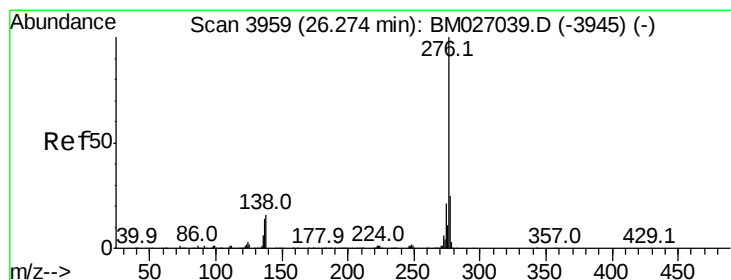
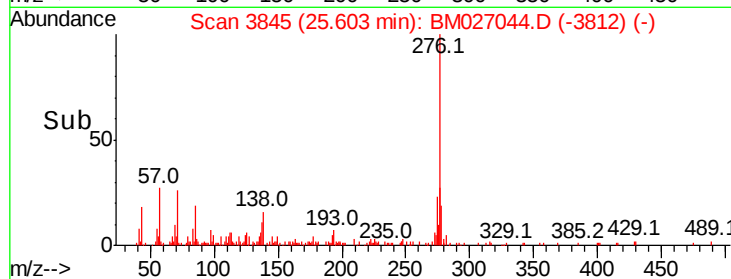
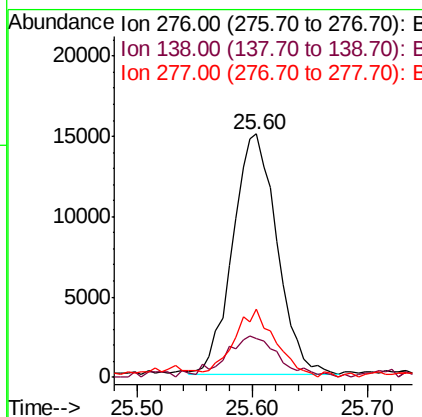
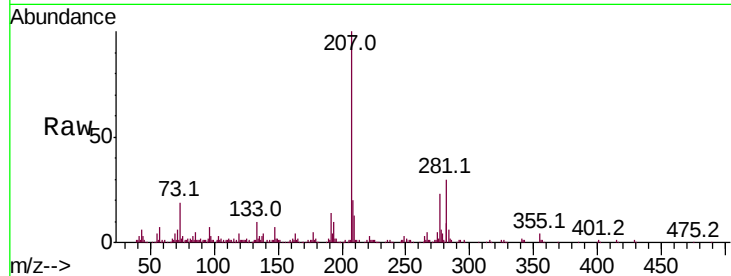


#92

Indeno(1,2,3-cd)pyrene
Concen: 1.003 ng/ul
RT: 25.60 min Scan# 3845
Delta R.T. -0.01 min
Lab File: BM027044.D
Acq: 12 Aug 2020 12:25

Instrument :
BNA_M
ClientSampleId :
DBFN7

Tot Ion	Ratio	Lower	Upper
276	100		
138	15.7	13.9	20.9
277	27.9	19.8	29.8



#94

Benzo(g,h,i)perylene
Concen: 1.106 ng/ul
RT: 26.27 min Scan# 3959
Delta R.T. 0.00 min
Lab File: BM027044.D
Acq: 12 Aug 2020 12:25

Tgt Ion	Ratio	Lower	Upper
276	100		
138	11.5	12.3	18.5#
277	24.6	19.0	28.6

