

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021288.D
 Acq On : 30 Jun 2019 06:55
 Operator : HP/JU
 Sample : K3590-18
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BB7

Quant Time: Jul 01 00:28:28 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sun Jun 30 03:35:19 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	277240	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1251182	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	814107	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1861207	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1323205	20.00	ng/ul	0.00
85) Perylene-d12	23.61	264	1448437	20.00	ng/ul	0.00

System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.28	96	20960	3.59	ng/uL	0.00
5) Phenol-d5	6.93	99	506759	21.00	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	284622	19.80	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	419031	21.37	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	438870	21.79	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	224394	22.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	266296	23.61	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	524271	22.86	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	494314	20.67	ng/ul	0.00
43) Dimethylphthalate-d6	13.81	166	1671202	22.72	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1988361	22.08	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	207766	17.36	ng/ul	0.00
57) Fluorene-d10	15.40	176	1458526	22.79	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	168136	14.70	ng/ul	0.00
70) Anthracene-d10	17.25	188	2181186	22.55	ng/ul	0.00
78) Pyrene-d10	19.54	212	2141874	26.98	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.47	264	1949497	22.81	ng/ul	0.00

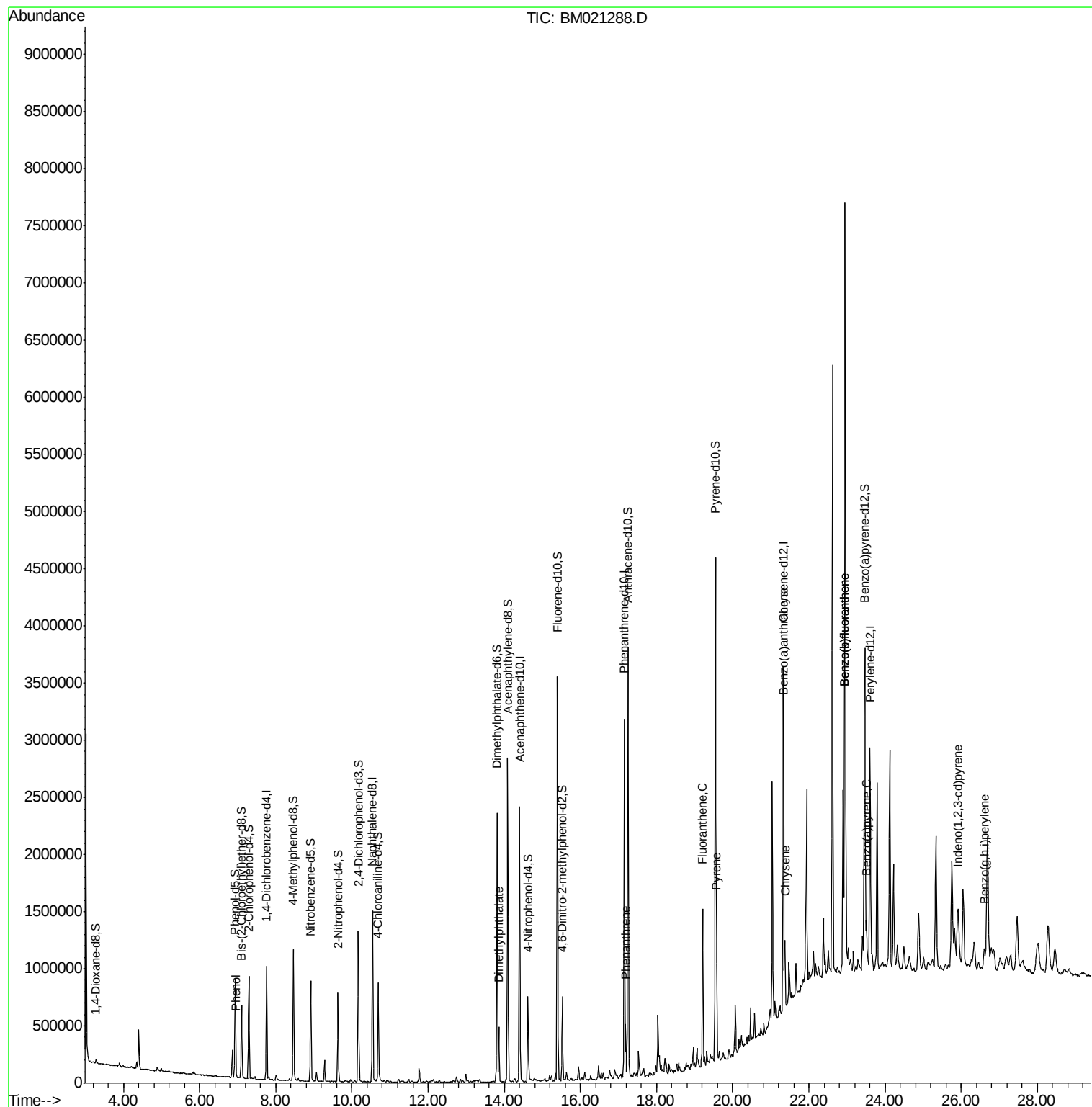
Target Compounds				Qvalue		
6) Phenol	6.96	94	24544	1.075	ng/ul	89
44) Dimethylphthalate	13.86	163	312386	4.665	ng/ul	98
69) Phenanthrene	17.19	178	261243	2.538	ng/ul	99
76) Fluoranthene	19.21	202	755270	6.791	ng/ul	99
79) Pyrene	19.57	202	660480	7.061	ng/ul	100
82) Benzo(a)anthracene	21.32	228	302056	3.348	ng/ul	97
84) Chrysene	21.37	228	346079	4.096	ng/ul	99
87) Benzo(b)fluoranthene	22.93	252	517820	5.644	ng/ul#	94
88) Benzo(k)fluoranthene	22.93	252	517820	5.866	ng/ul#	94
90) Benzo(a)pyrene	23.51	252	311707	3.609	ng/ul	100
91) Indeno(1,2,3-cd)pyrene	25.90	276	250717	2.465	ng/ul	96
93) Benzo(g,h,i)perylene	26.60	276	233014	2.782	ng/ul	98

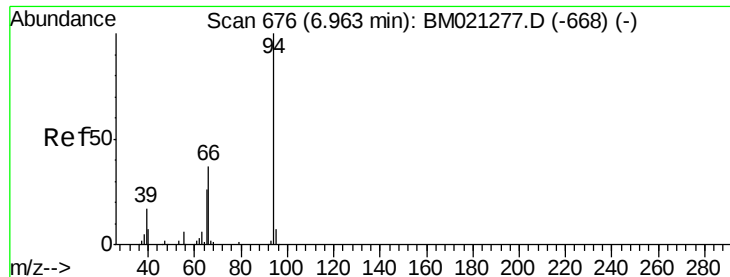
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#6

Phenol

Concen: 1.075 ng/ul

RT: 6.96 min Scan# 675

Delta R.T. -0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

ClientSampleId :

C5BB7

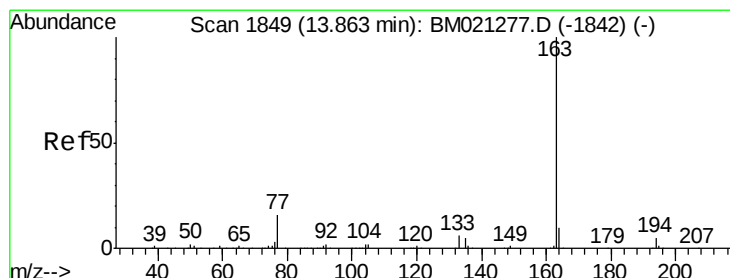
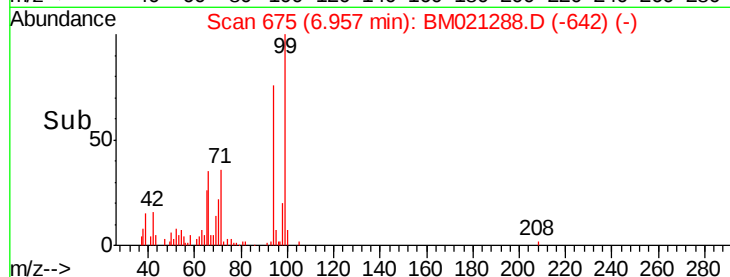
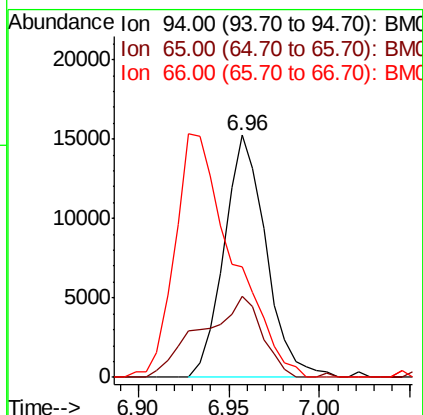
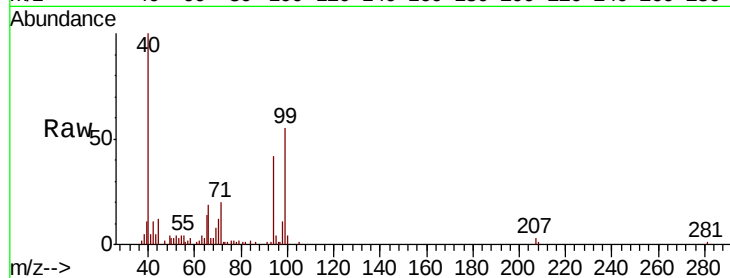
Tgt Ion: 94 Resp: 24544

Ion Ratio Lower Upper

94 100

65 33.7 22.6 34.0

66 45.7 31.2 46.8



#44

Dimethylphthalate

Concen: 4.665 ng/ul

RT: 13.86 min Scan# 1848

Delta R.T. -0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

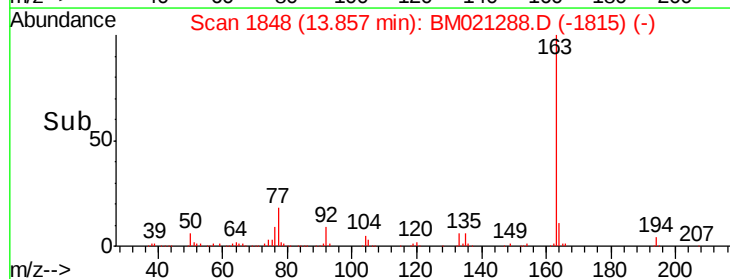
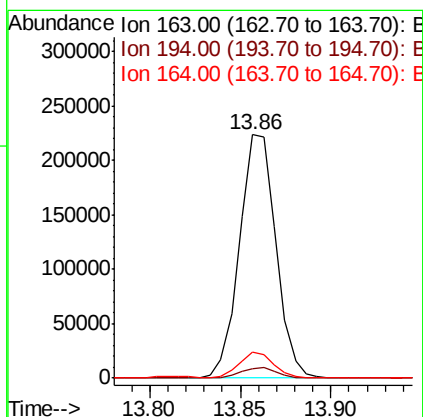
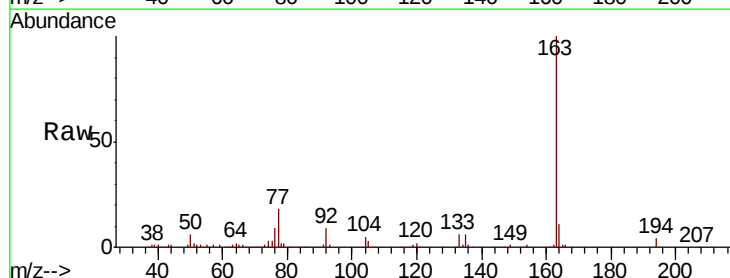
Tgt Ion:163 Resp: 312386

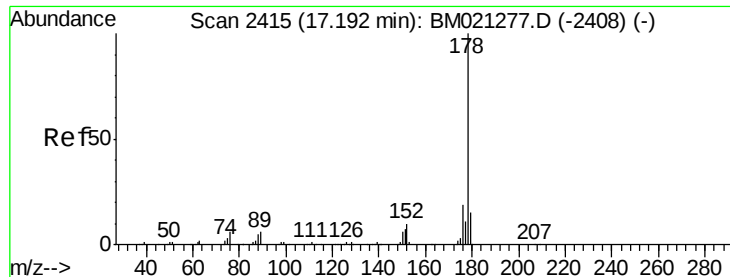
Ion Ratio Lower Upper

163 100

194 4.1 3.4 5.2

164 10.6 7.7 11.5





#69

Phenanthrene

Concen: 2.538 ng/ul

RT: 17.19 min Scan# 2415

Delta R.T. -0.00 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

ClientSampleId :

C5BB7

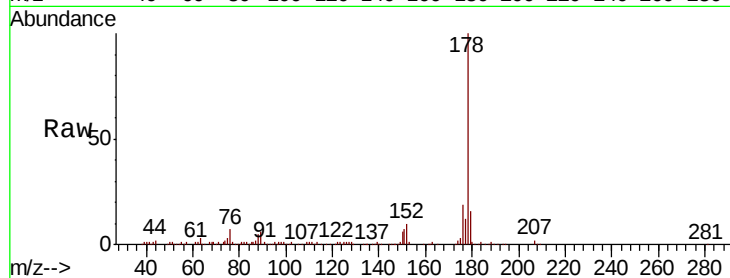
Tgt Ion:178 Resp: 261243

Ion Ratio Lower Upper

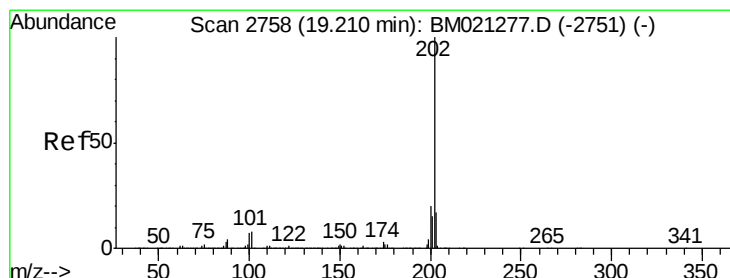
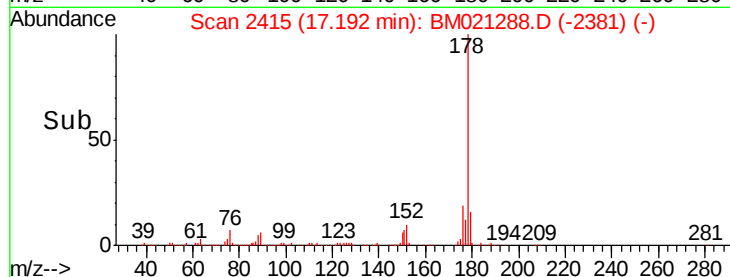
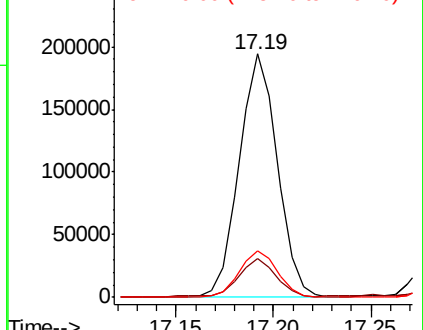
178 100

179 16.1 11.8 17.8

176 18.9 15.0 22.6



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



#76

Fluoranthene

Concen: 6.791 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

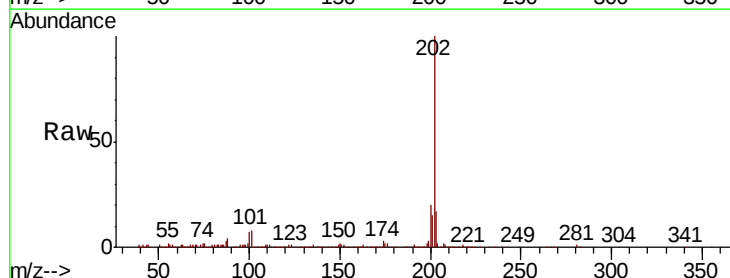
Tgt Ion:202 Resp: 755270

Ion Ratio Lower Upper

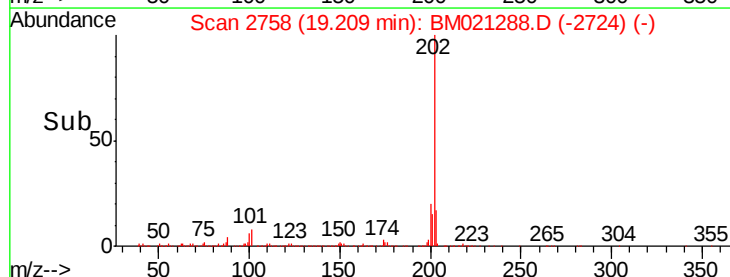
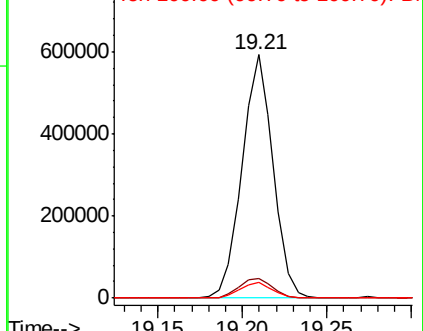
202 100

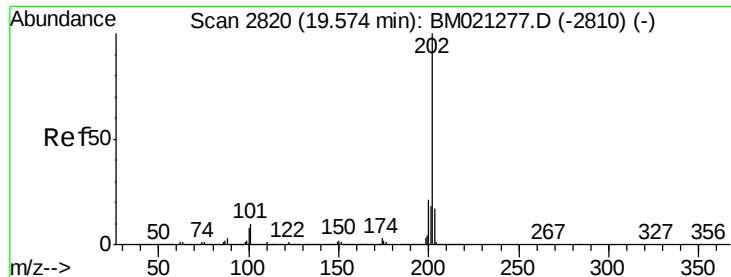
101 8.3 6.7 10.1

100 6.5 5.5 8.3



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

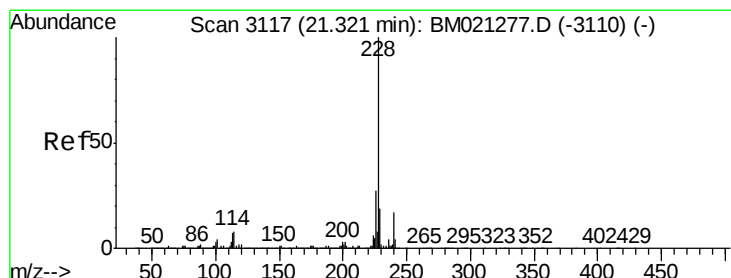
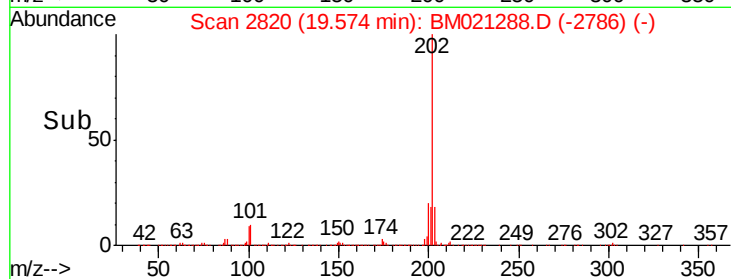
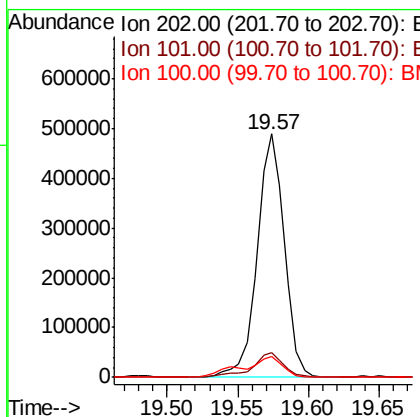
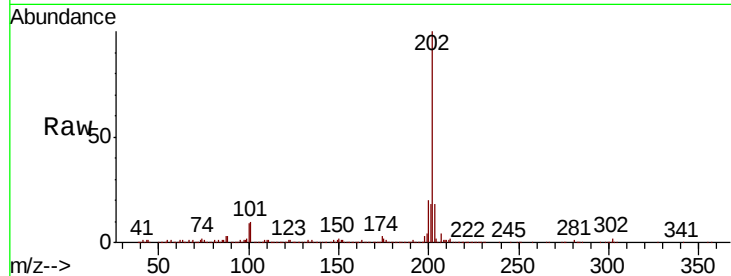




#79
 Pyrene
 Concen: 7.061 ng/ul
 RT: 19.57 min Scan# 2820
 Delta R.T. -0.00 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

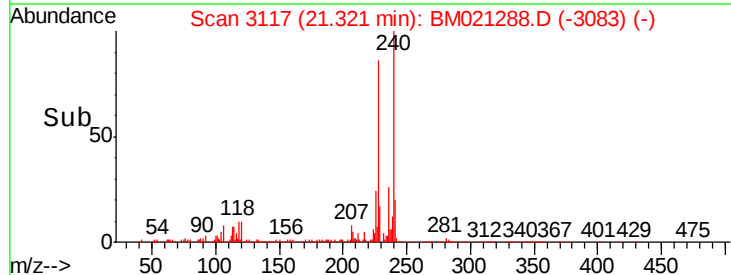
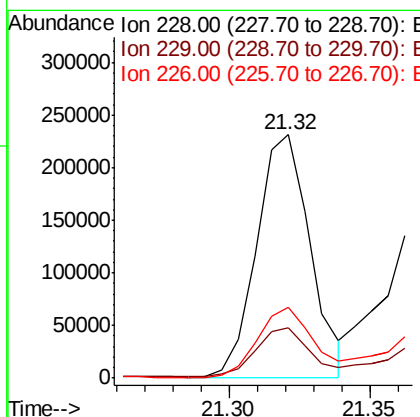
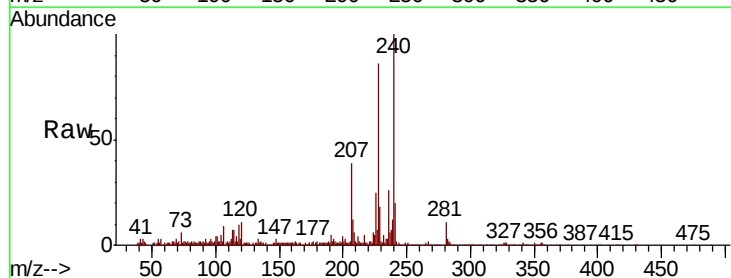
Instrument :
 BNA_M
 ClientSampleId :
 C5BB7

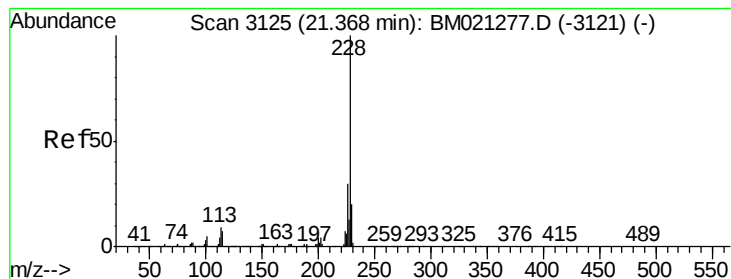
Tgt Ion	Ratio	Lower	Upper
202	100		
101	10.1	8.1	12.1
100	8.5	6.6	10.0



#82
 Benzo(a)anthracene
 Concen: 3.348 ng/ul
 RT: 21.32 min Scan# 3117
 Delta R.T. -0.00 min
 Lab File: BM021288.D
 Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Lower	Upper
228	100		
229	20.7	15.8	23.8
226	28.9	21.4	32.2





#84

Chrysene

Concen: 4.096 ng/ul

RT: 21.37 min Scan# 3126

Delta R.T. 0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

ClientSampleId :

C5BB7

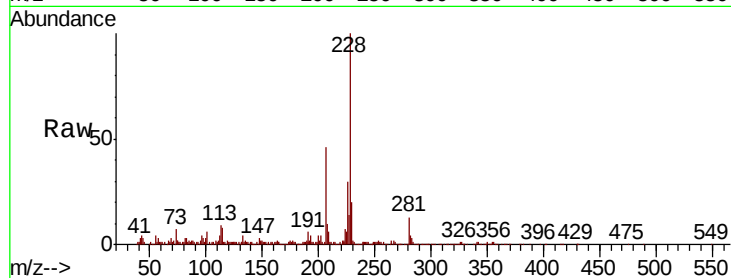
Tgt Ion:228 Resp: 346079

Ion Ratio Lower Upper

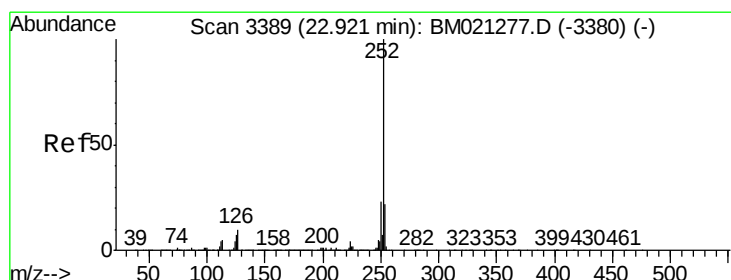
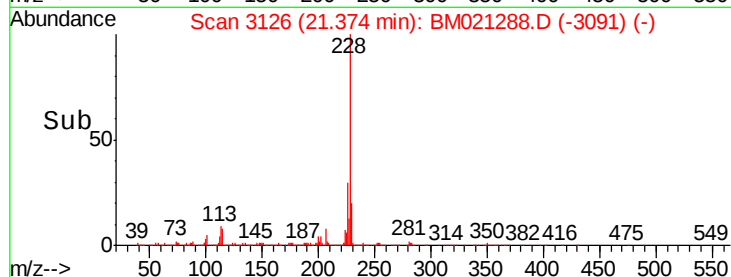
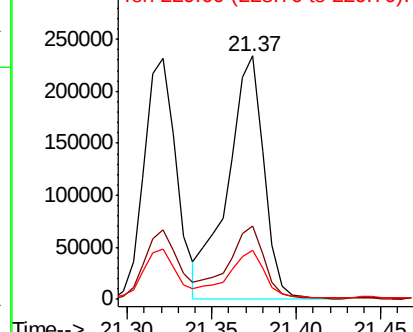
228 100

226 29.9 23.9 35.9

229 20.2 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



#87

Benzo(b)fluoranthene

Concen: 5.644 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. 0.01 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

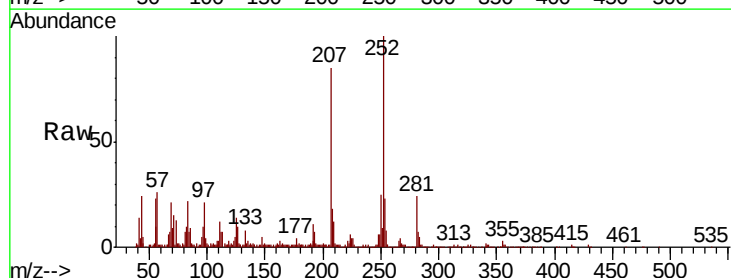
Tgt Ion:252 Resp: 517820

Ion Ratio Lower Upper

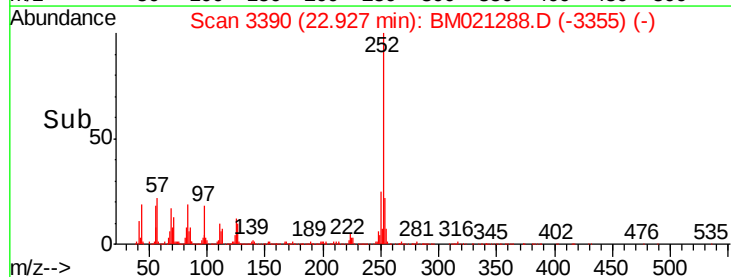
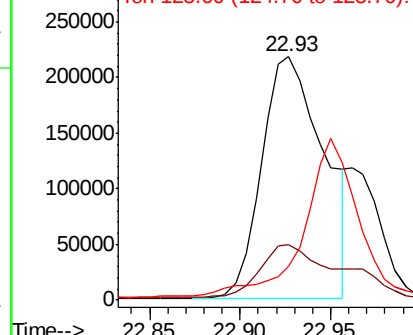
252 100

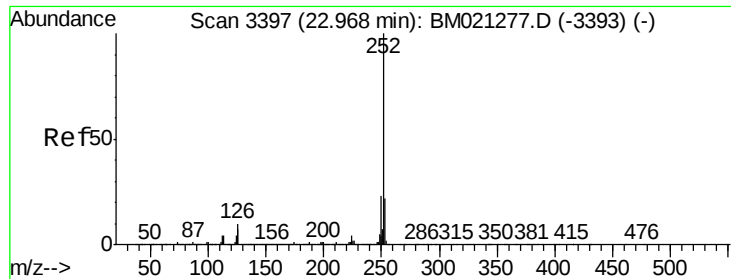
253 22.9 17.5 26.3

125 13.8 6.3 9.5#



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





#88

Benzo(k)fluoranthene

Concen: 5.866 ng/ul

RT: 22.93 min Scan# 3390

Delta R.T. -0.04 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

Instrument :

BNA_M

ClientSampled :

C5BB7

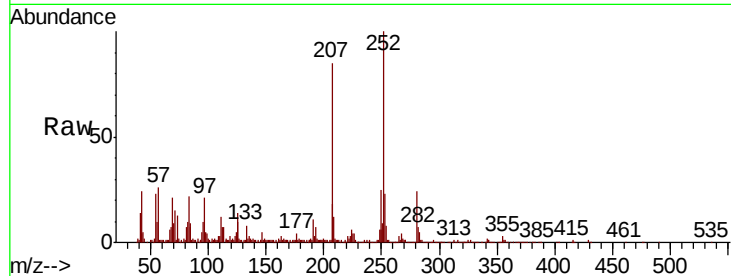
Tgt Ion:252 Resp: 517820

Ion Ratio Lower Upper

252 100

253 22.9 17.5 26.3

125 13.8 6.6 9.8#

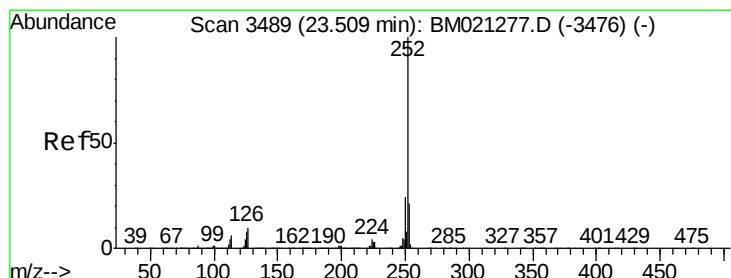
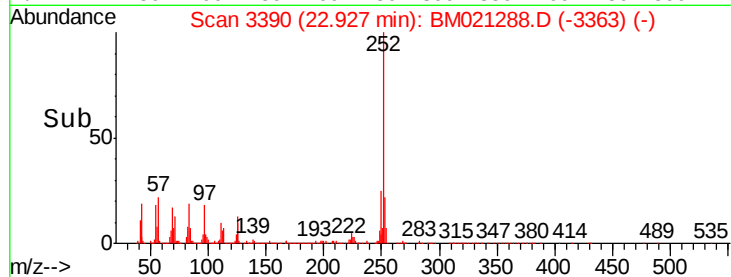
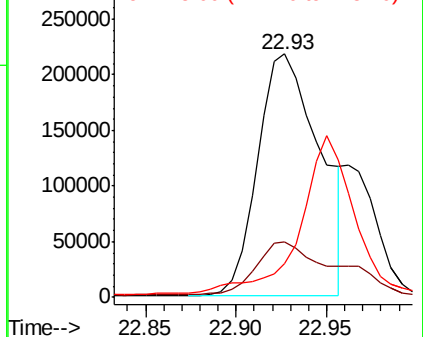


Abundance

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



#90

Benzo(a)pyrene

Concen: 3.609 ng/ul

RT: 23.51 min Scan# 3489

Delta R.T. -0.00 min

Lab File: BM021288.D

Acq: 30 Jun 2019 06:55

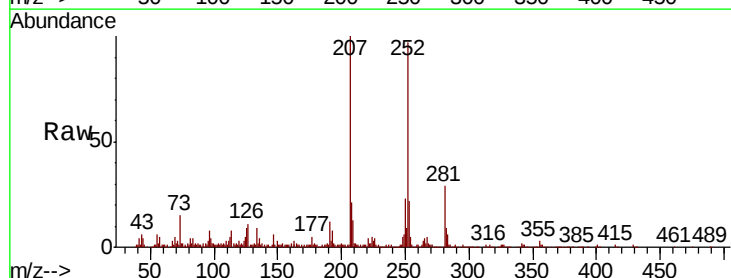
Tgt Ion:252 Resp: 311707

Ion Ratio Lower Upper

252 100

253 22.2 17.8 26.8

125 9.1 7.2 10.8

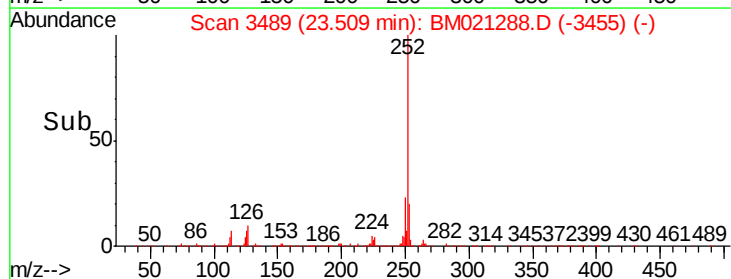
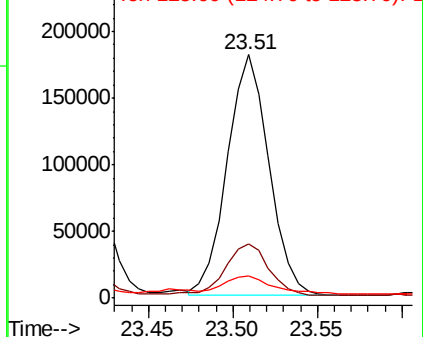


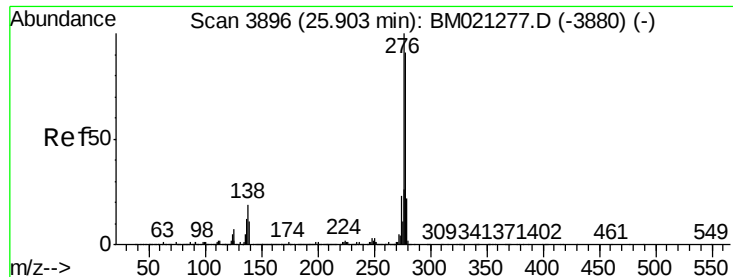
Abundance

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



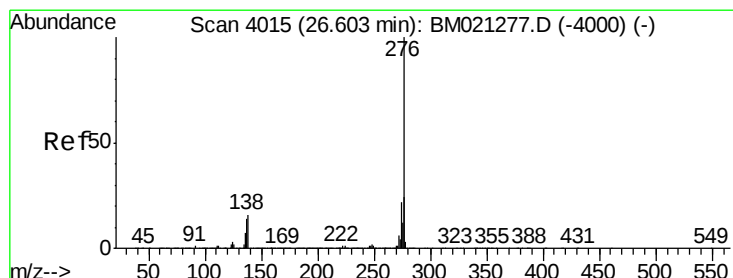
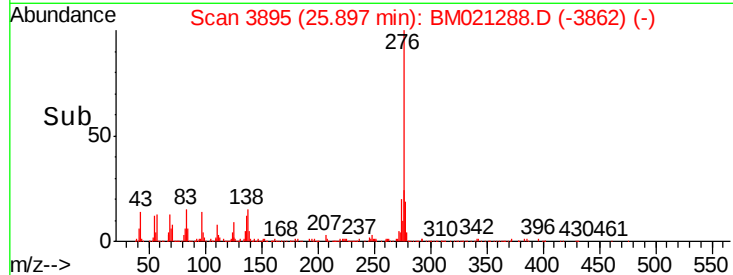
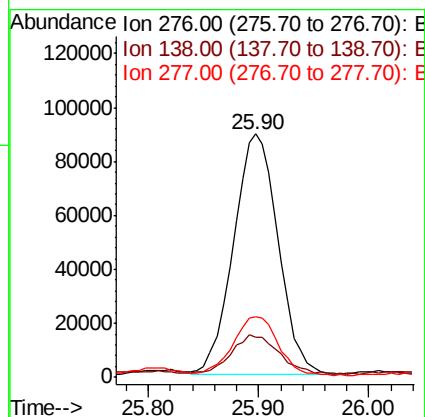
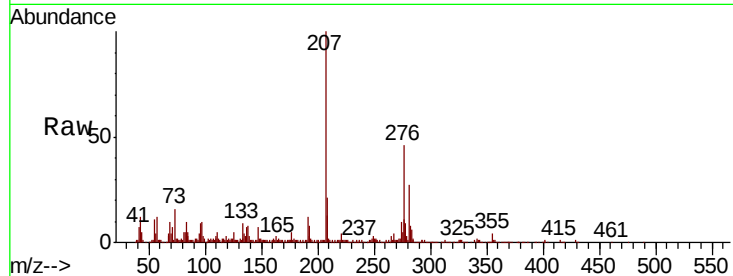


#91

Indeno(1,2,3-cd)pyrene
Concen: 2.465 ng/ul
RT: 25.90 min Scan# 3895
Delta R.T. -0.01 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Instrument :
BNA_M
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C5BB7

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.4	15.9	23.9
277	24.9	20.4	30.6



#93

Benzo(g,h,i)perylene
Concen: 2.782 ng/ul
RT: 26.60 min Scan# 4015
Delta R.T. -0.00 min
Lab File: BM021288.D
Acq: 30 Jun 2019 06:55

Tgt Ion	Ratio	Lower	Upper
276	100		
138	17.0	14.6	21.8
277	24.0	18.9	28.3

