

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM062919\
 Data File : BM021285.D
 Acq On : 30 Jun 2019 05:07
 Operator : HP/JU
 Sample : K3590-08
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 C5BA7

Quant Time: Jun 30 05:44:44 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	277956	20.00	ng/ul	0.00
18) Naphthalene-d8	10.55	136	1241693	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.40	164	802540	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.15	188	1756177	20.00	ng/ul	0.00
77) Chrysene-d12	21.33	240	1269760	20.00	ng/ul	0.00
85) Perylene-d12	23.60	264	1453740	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.28	96	13926	2.38	ng/uL	0.00
5) Phenol-d5	6.93	99	383576	15.85	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.10	67	214549	14.88	ng/ul	0.00
9) 2-Chlorophenol-d4	7.29	132	316557	16.10	ng/ul	0.00
13) 4-Methylphenol-d8	8.46	113	335273	16.60	ng/ul	0.00
19) Nitrobenzene-d5	8.92	128	167875	16.65	ng/ul	0.00
22) 2-Nitrophenol-d4	9.63	143	199999	17.87	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.17	165	393842	17.31	ng/ul	0.00
29) 4-Chloroaniline-d4	10.69	131	404641	17.05	ng/ul	0.00
43) Dimethylphthalate-d6	13.82	166	1271528	17.53	ng/ul	0.00
46) Acenaphthylene-d8	14.09	160	1494486	16.84	ng/ul	0.00
51) 4-Nitrophenol-d4	14.62	143	153390	13.00	ng/ul	0.00
57) Fluorene-d10	15.40	176	1097635	17.40	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.53	200	118315	10.96	ng/ul	0.00
70) Anthracene-d10	17.25	188	1591865	17.44	ng/ul	0.00
78) Pyrene-d10	19.54	212	1531961	20.11	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.46	264	1525005	17.78	ng/ul	0.00

Target Compounds

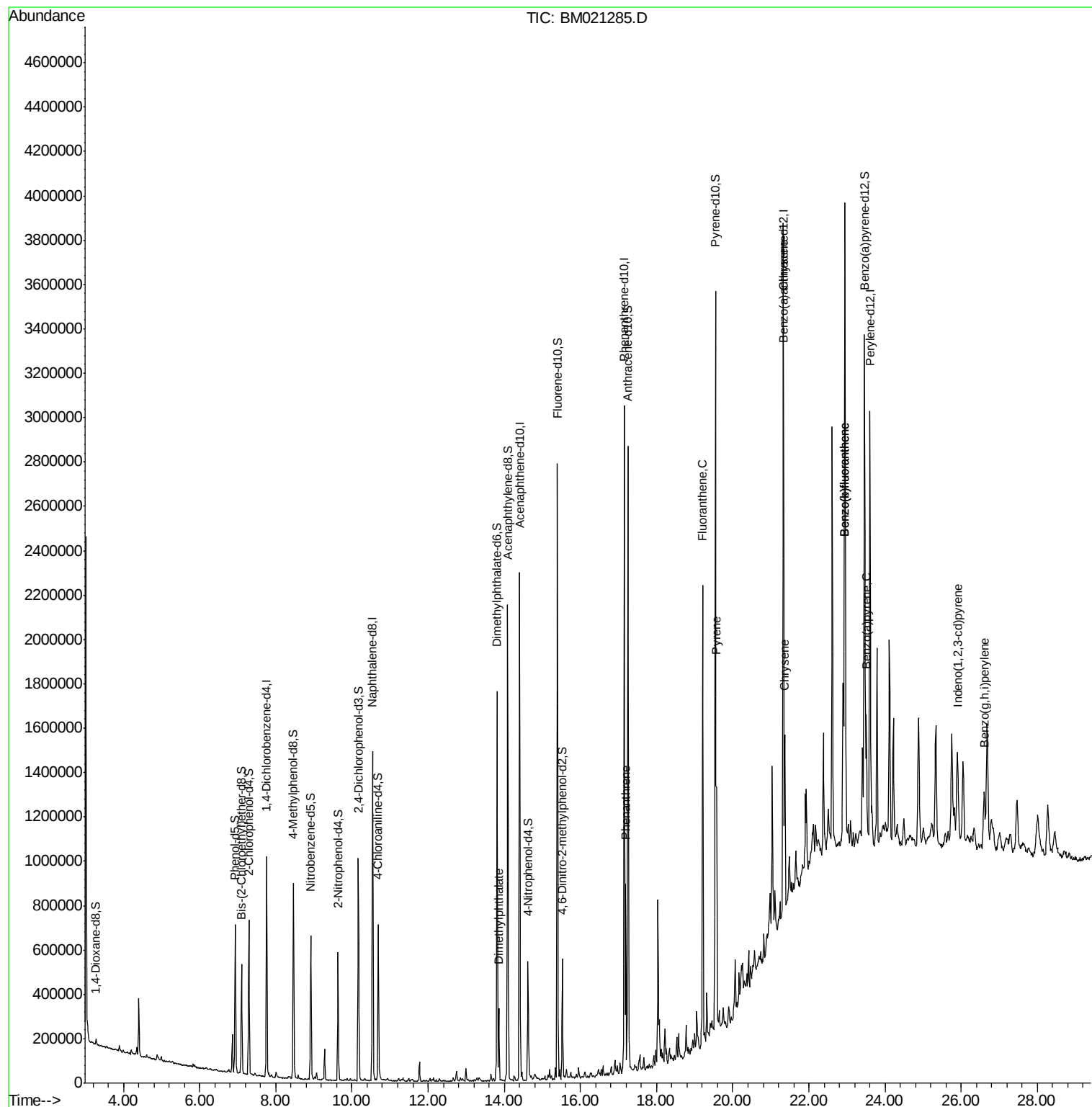
					Qvalue
44) Dimethylphthalate	13.86	163	204148	3.093	ng/ul 98
69) Phenanthrene	17.19	178	489071	5.035	ng/ul 99
76) Fluoranthene	19.21	202	1106638	10.545	ng/ul 100
79) Pyrene	19.57	202	894150	9.961	ng/ul 99
82) Benzo(a)anthracene	21.32	228	434021	5.014	ng/ul 99
84) Chrysene	21.37	228	476133	5.873	ng/ul 97
87) Benzo(b)fluoranthene	22.92	252	727623	7.901	ng/ul 97
88) Benzo(k)fluoranthene	22.92	252	727623	8.213	ng/ul 97
90) Benzo(a)pyrene	23.50	252	438802	5.063	ng/ul 100
91) Indeno(1,2,3-cd)pyrene	25.90	276	343961	3.370	ng/ul# 94
93) Benzo(g,h,i)perylene	26.60	276	314755	3.744	ng/ul 97

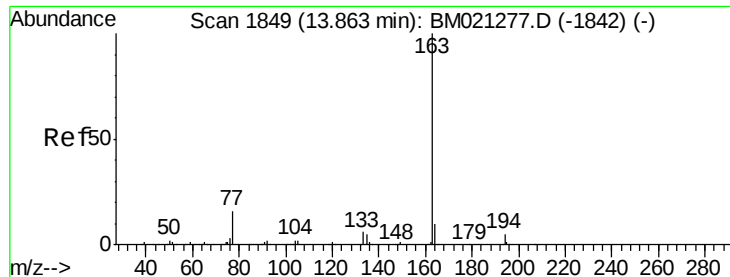
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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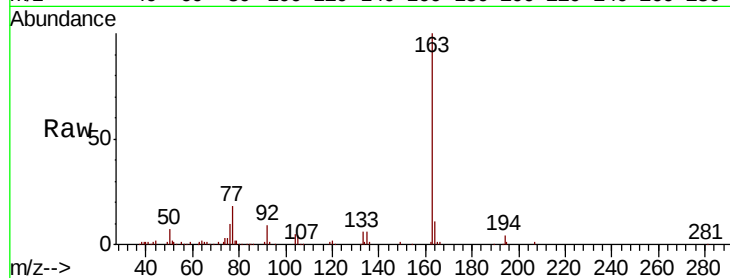




#44
Dimethylphthalate
Concen: 3.093 ng/ul
RT: 13.86 min Scan# 1848
Delta R.T. -0.01 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Instrument :
BNA_M
ClientSampleId :
C5BA7

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.3	3.4	5.2
164	10.8	7.7	11.5

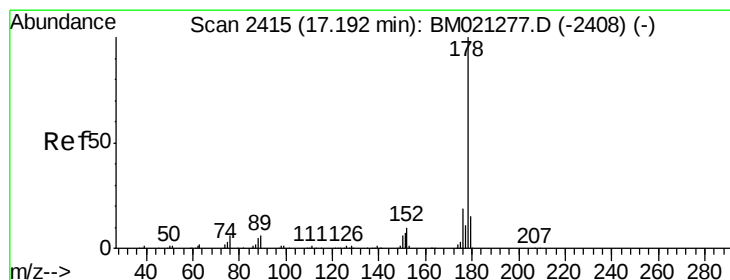
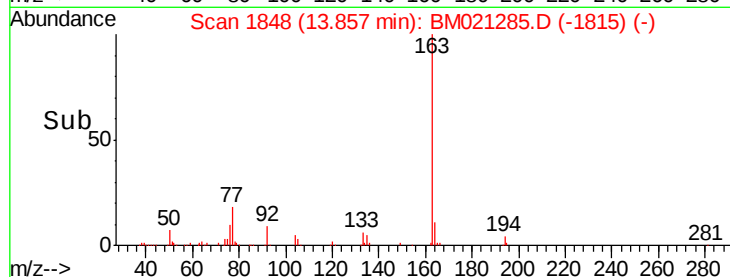
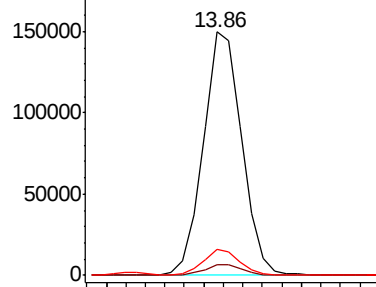


Abundance

Ion 163.00 (162.70 to 163.70): E

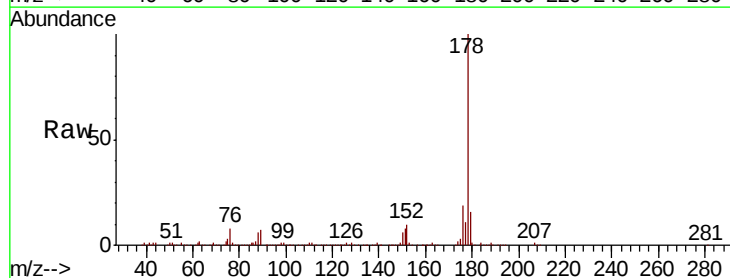
Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#69
Phenanthrene
Concen: 5.035 ng/ul
RT: 17.19 min Scan# 2415
Delta R.T. -0.00 min
Lab File: BM021285.D
Acq: 30 Jun 2019 05:07

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.8	11.8	17.8
176	18.8	15.0	22.6

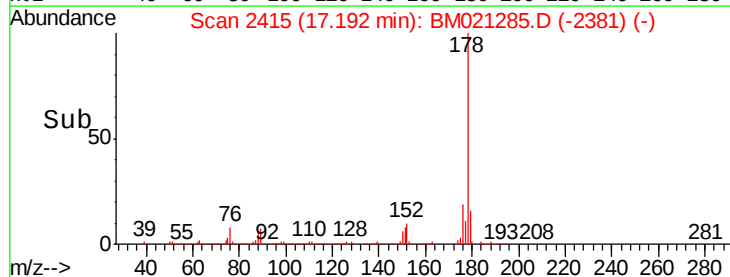
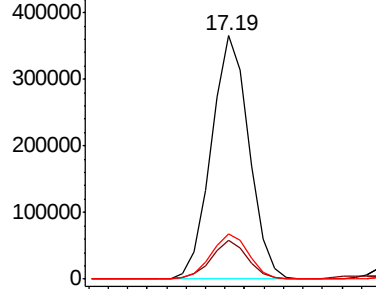


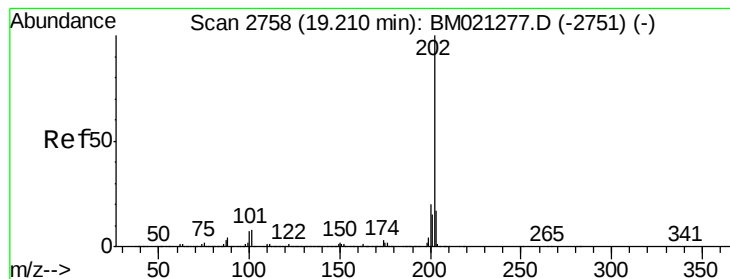
Abundance

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: 10.545 ng/ul

RT: 19.21 min Scan# 2758

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

ClientSampleId :

C5BA7

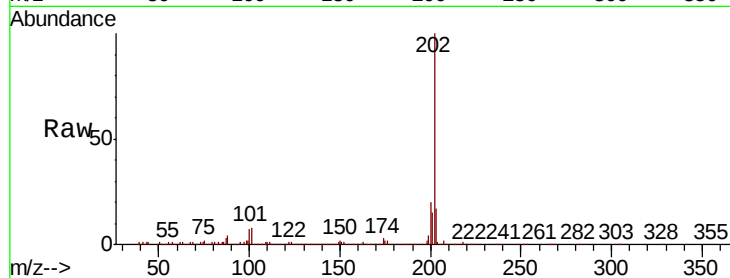
Tgt Ion:202 Resp: 1106638

Ion Ratio Lower Upper

202 100

101 8.5 6.7 10.1

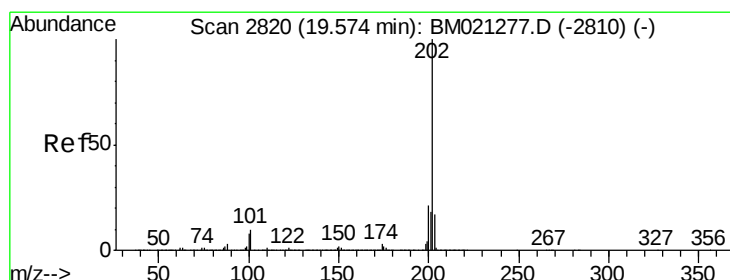
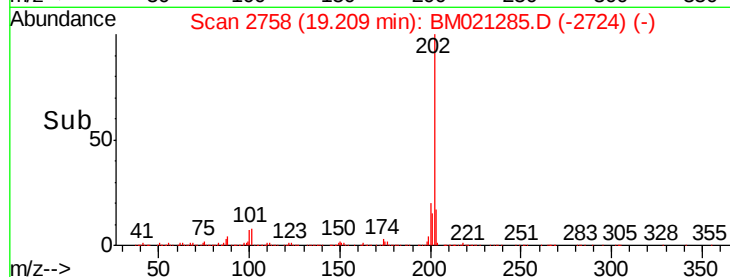
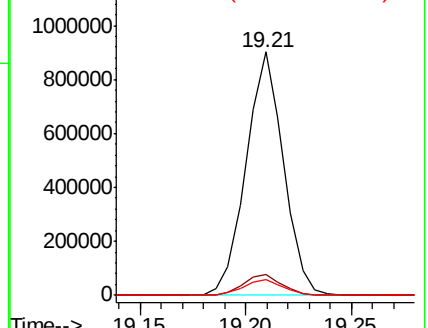
100 6.7 5.5 8.3



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: 9.961 ng/ul

RT: 19.57 min Scan# 2820

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

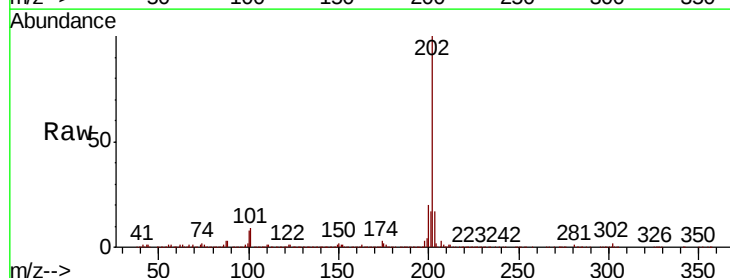
Tgt Ion:202 Resp: 894150

Ion Ratio Lower Upper

202 100

101 9.4 8.1 12.1

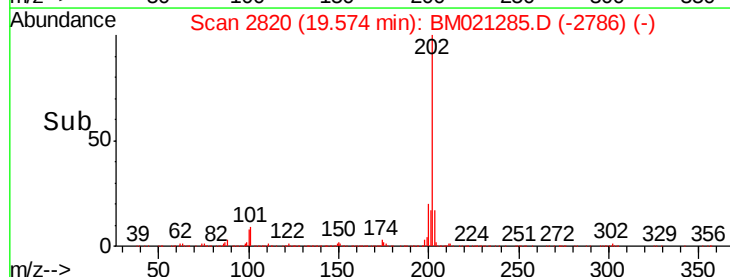
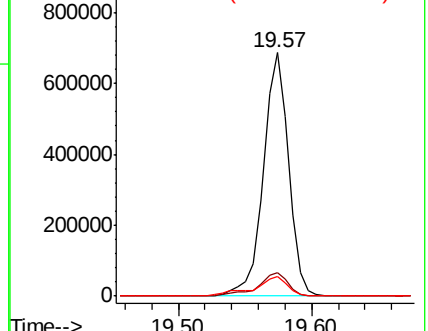
100 8.2 6.6 10.0

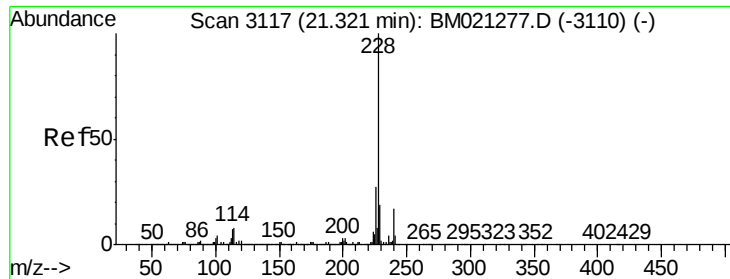


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B





#82

Benzo(a)anthracene

Concen: 5.014 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

ClientSampleId :

C5BA7

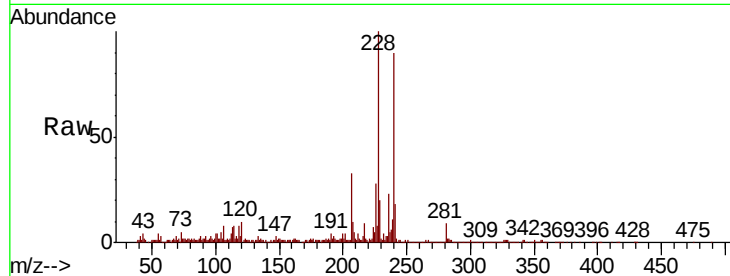
Tgt Ion:228 Resp: 434021

Ion Ratio Lower Upper

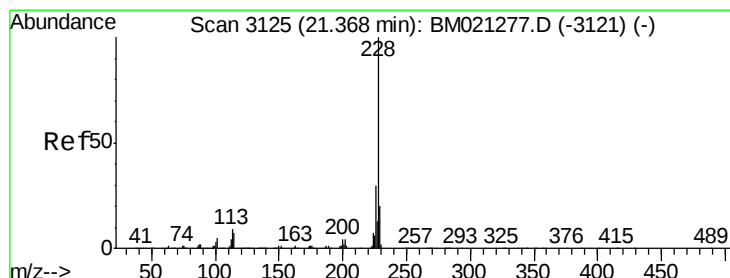
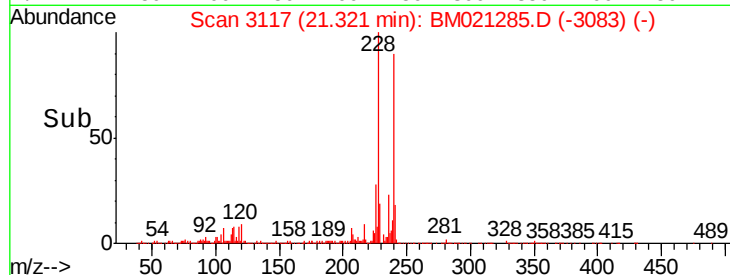
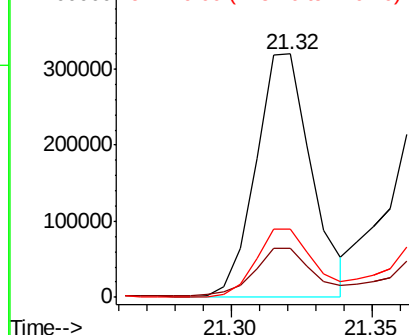
228 100

229 20.0 15.8 23.8

226 27.8 21.4 32.2



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



#84

Chrysene

Concen: 5.873 ng/ul

RT: 21.37 min Scan# 3125

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

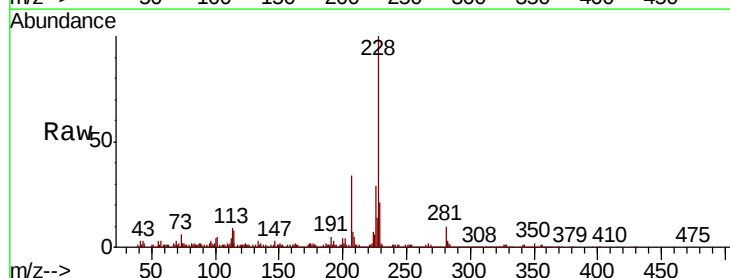
Tgt Ion:228 Resp: 476133

Ion Ratio Lower Upper

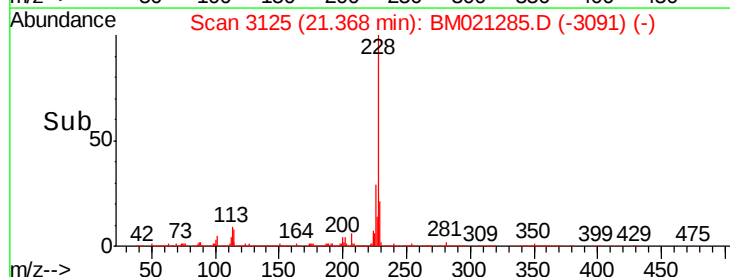
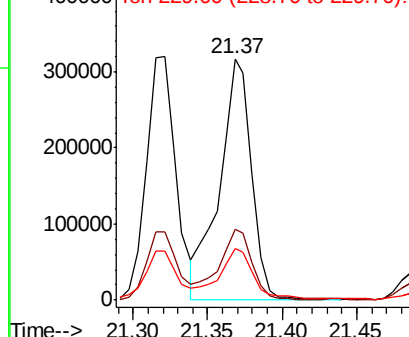
228 100

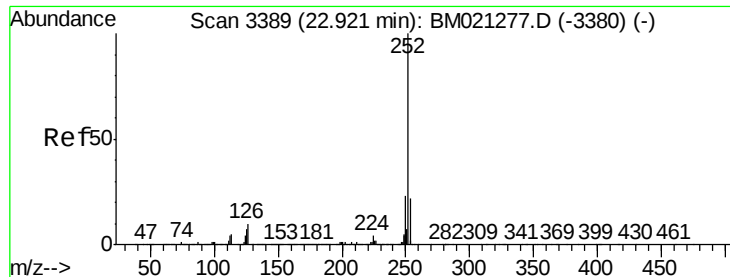
226 29.1 23.9 35.9

229 21.3 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: 7.901 ng/ul

RT: 22.92 min Scan# 3389

Delta R.T. -0.00 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

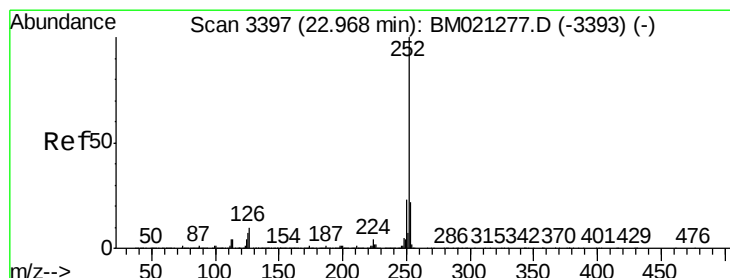
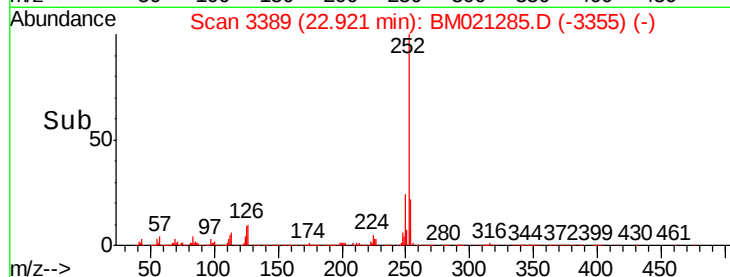
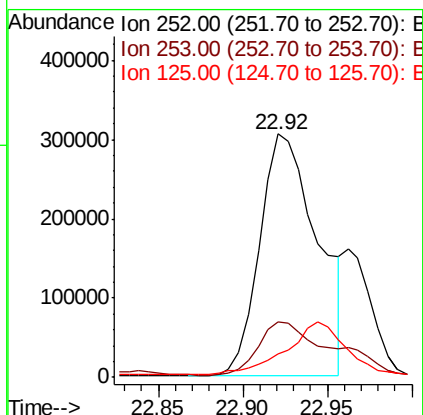
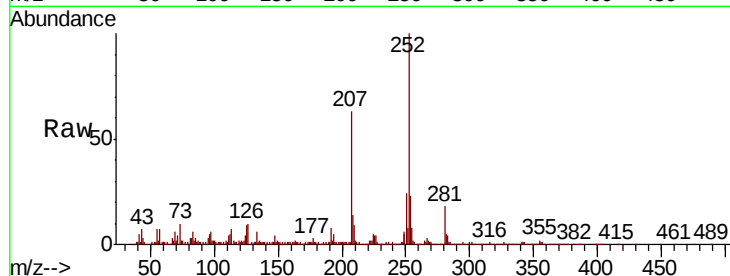
Instrument :

BNA_M

ClientSampleId :

C5BA7

Tgt Ion:	252	Resp:	727623
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.4	6.3	9.5



#88

Benzo(k)fluoranthene

Concen: 8.213 ng/ul

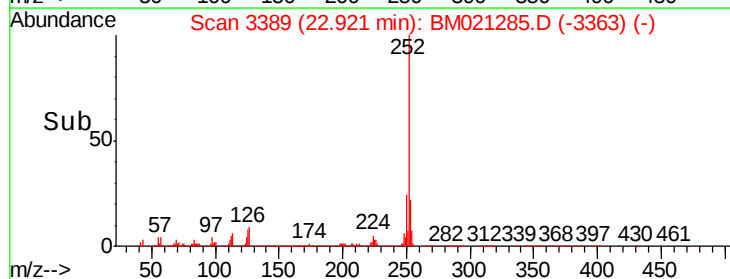
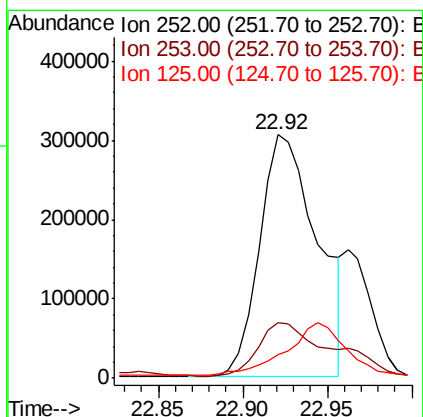
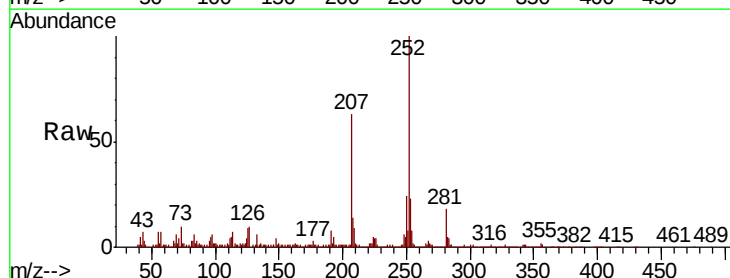
RT: 22.92 min Scan# 3389

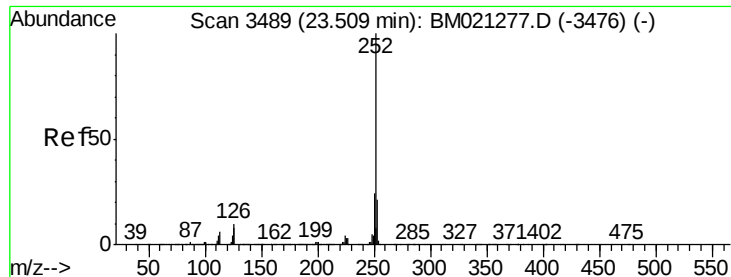
Delta R.T. -0.05 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Tgt Ion:	252	Resp:	727623
Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.5	26.3
125	9.4	6.6	9.8





#90

Benzo(a)pyrene

Concen: 5.063 ng/ul

RT: 23.50 min Scan# 3488

Delta R.T. -0.01 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

Instrument :

BNA_M

ClientSampleId :

C5BA7

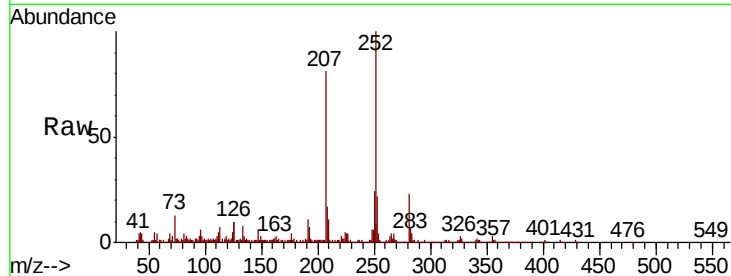
Tgt Ion:252 Resp: 438802

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.8

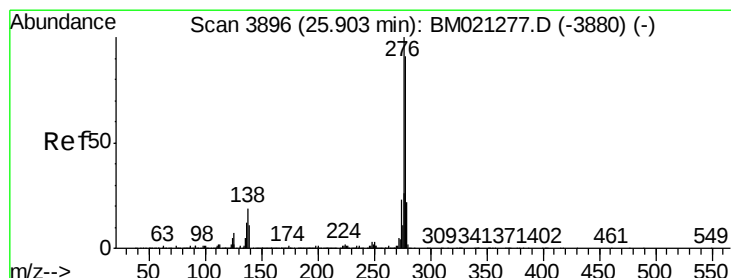
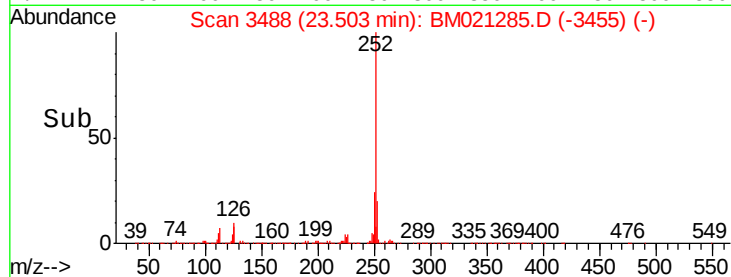
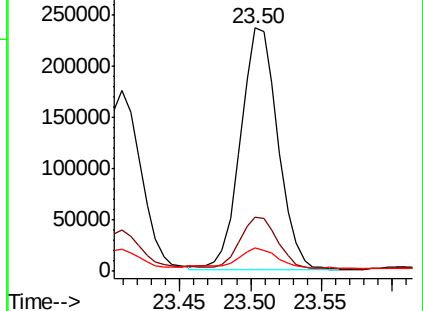
125 9.6 7.2 10.8



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: 3.370 ng/ul

RT: 25.90 min Scan# 3895

Delta R.T. -0.01 min

Lab File: BM021285.D

Acq: 30 Jun 2019 05:07

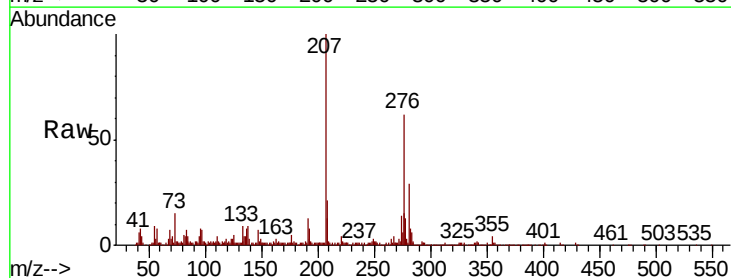
Tgt Ion:276 Resp: 343961

Ion Ratio Lower Upper

276 100

138 15.2 15.9 23.9#

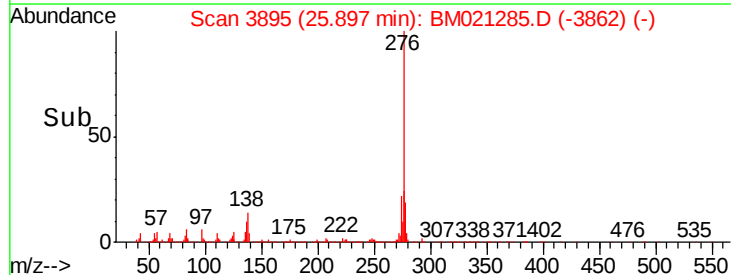
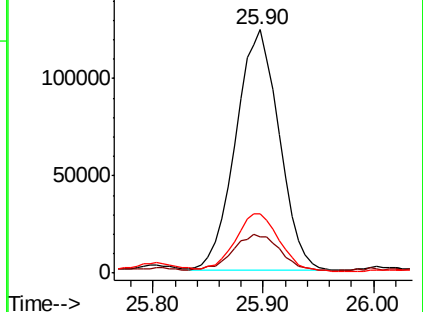
277 24.5 20.4 30.6

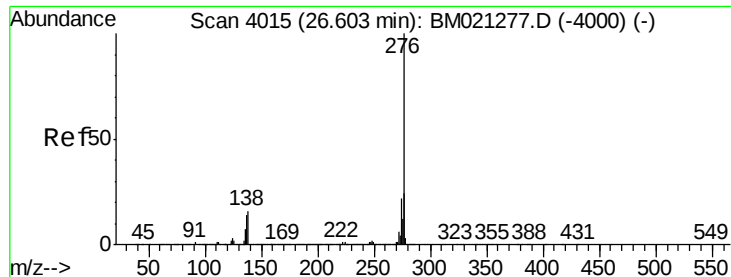


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(g,h,i)perylene

Concen: 3.744 ng/ul

RT: 26.60 min Scan# 4015

Delta R.T. -0.00 min

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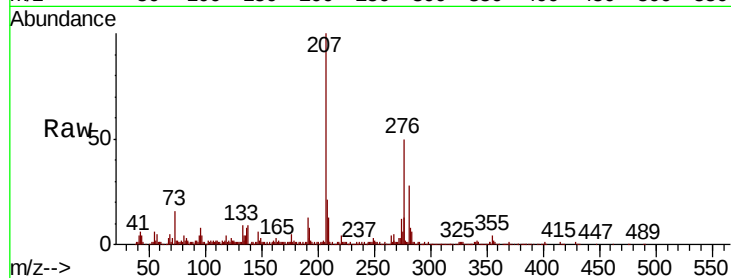
Tgt Ion: 276 Resp: 314755

Ion Ratio Lower Upper

276 100

138 17.1 14.6 21.8

277 24.9 18.9 28.3



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

