

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021644.D
 Acq On : 25 Jul 2019 19:51
 Operator : HP/JU
 Sample : K3850-10
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:09:14 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM072319MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Jul 24 01:21:49 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.70	152	117414	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	533783	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	375226	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	896949	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1114915	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1217847	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	6446	2.99	ng/uL	0.00
5) Phenol-d5	6.87	99	147607	14.82	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	107594	18.62	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	130846	16.75	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	84963	9.99	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	77963	19.73	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	84750	19.99	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	161463	17.08	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	150944	16.46	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	606436	18.86	ng/ul	0.00
46) Acenaphthylene-d8	14.04	160	696911	17.82	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	32461	5.89	ng/ul	0.01
57) Fluorene-d10	15.34	176	561677	19.36	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	24743	4.40	ng/ul	0.00
70) Anthracene-d10	17.19	188	945645	21.43	ng/ul	0.00
78) Pyrene-d10	19.49	212	1272132	23.38	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1502278	23.10	ng/ul	0.00

Target Compounds

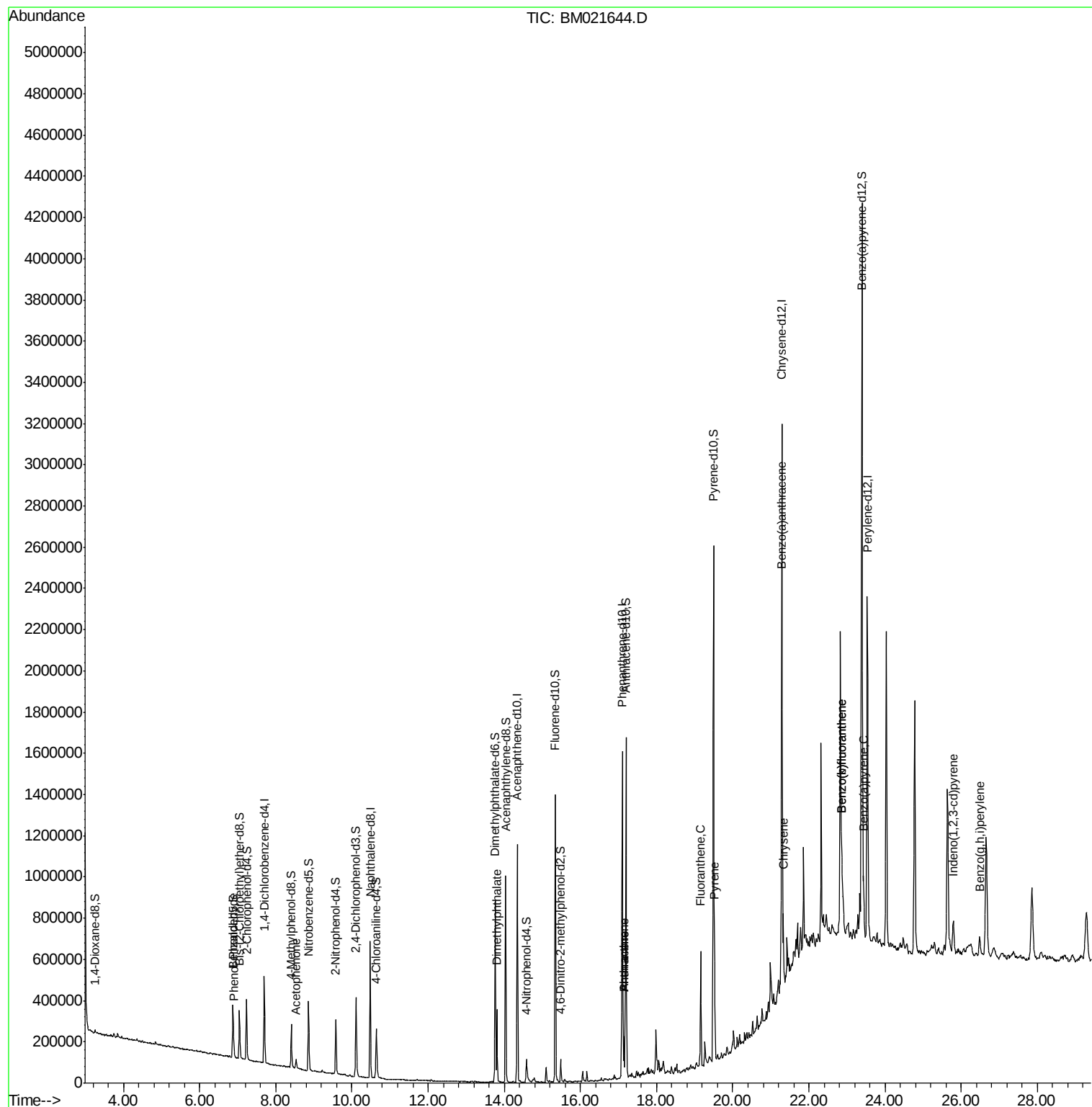
					Ovalue
4) Benzaldehyde	6.86	77	5771	1.375 ng/ul#	84
6) Phenol	6.90	94	11760	1.227 ng/ul	93
14) Acetophenone	8.53	105	25307	1.982 ng/ul	96
44) Dimethylphthalate	13.81	163	234741	7.606 ng/ul	99
69) Phenanthrene	17.14	178	105917	2.164 ng/ul	97
71) Anthracene	17.14	178	105917	2.140 ng/ul	97
76) Fluoranthene	19.16	202	329935	5.439 ng/ul	99
79) Pyrene	19.52	202	321287	4.838 ng/ul	99
82) Benzo(a)anthracene	21.27	228	183801	2.515 ng/ul	99
84) Chrysene	21.33	228	219893	3.155 ng/ul	97
87) Benzo(b)fluoranthene	22.86	252	329038	4.469 ng/ul#	97
88) Benzo(k)fluoranthene	22.86	252	329038	4.555 ng/ul	98
90) Benzo(a)pyrene	23.44	252	199419	2.821 ng/ul	97
91) Indeno(1,2,3-cd)pyrene	25.79	276	138609	1.614 ng/ul	98
93) Benzo(g,h,i)perylene	26.49	276	133033	1.913 ng/ul	99

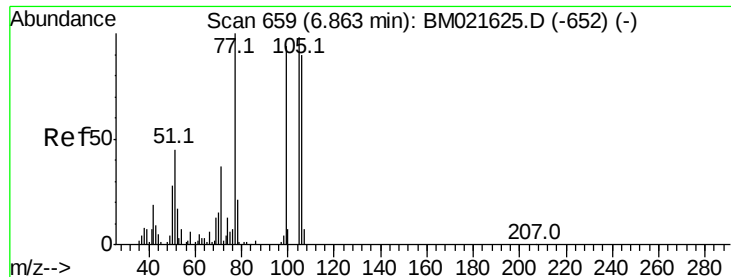
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Title : SVOA CALIBRATION
QLast Update : Wed Jul 24 01:21:49 2019
Response via : Initial Calibration





#4

Benzaldehyde

Concen: 1.375 ng/ul

RT: 6.86 min Scan# 659

Delta R.T. -0.00 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

Instrument :

BNA_M

ClientSampleId :

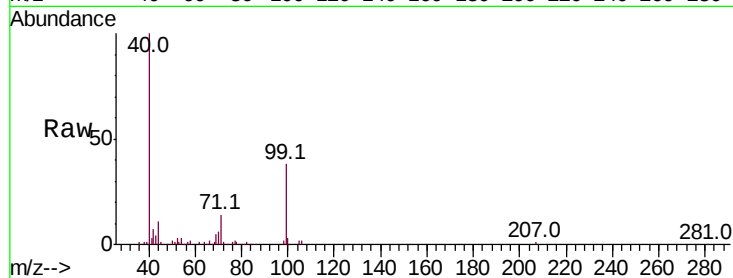
Tot Ion: 77 Resp: 5771

Ion Ratio Lower Upper

77 100

105 84.3 75.8 113.8

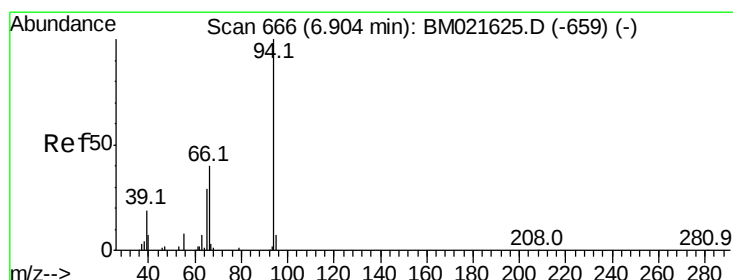
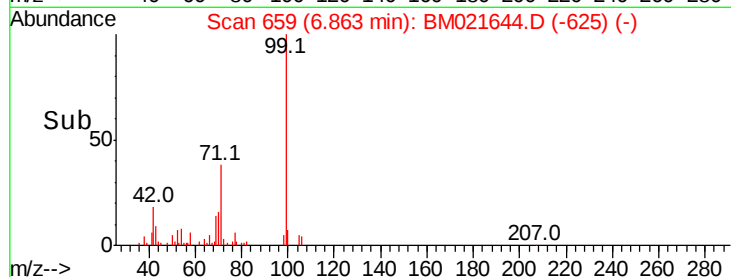
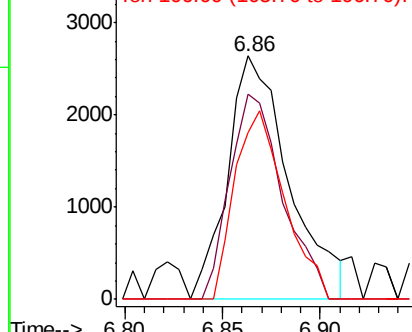
106 68.6 70.9 106.3#



Abundance Ion 77.00 (76.70 to 77.70): BM021625.D (-652) (-)

Ion 105.00 (104.70 to 105.70): BM021625.D (-652) (-)

Ion 106.00 (105.70 to 106.70): BM021625.D (-652) (-)



#6

Phenol

Concen: 1.227 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

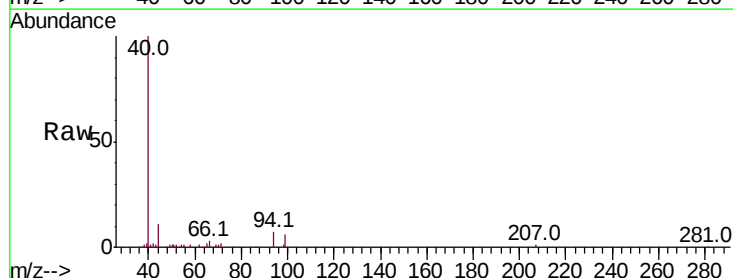
Tgt Ion: 94 Resp: 11760

Ion Ratio Lower Upper

94 100

65 23.7 23.3 34.9

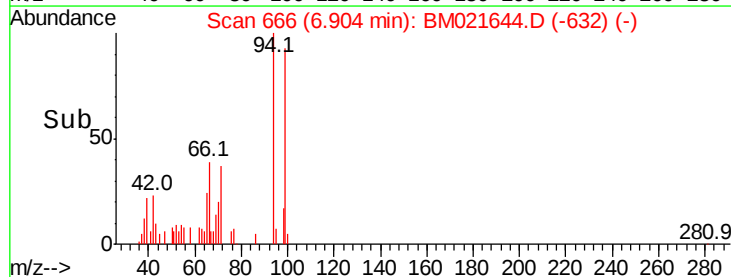
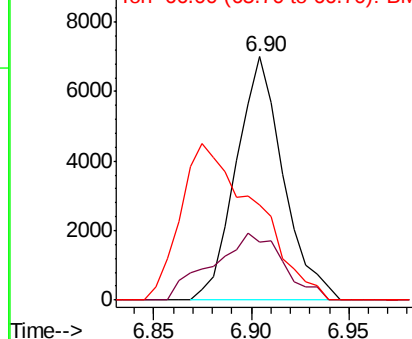
66 38.9 33.2 49.8

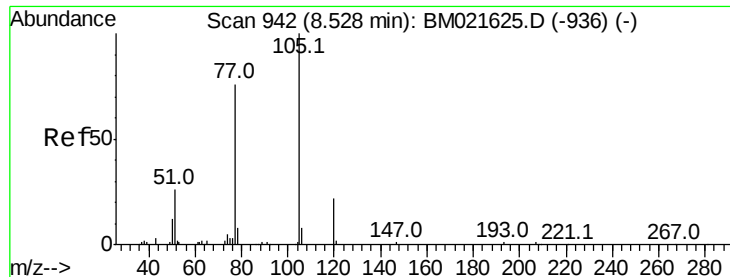


Abundance Ion 94.00 (93.70 to 94.70): BM021625.D (-659) (-)

Ion 65.00 (64.70 to 65.70): BM021625.D (-659) (-)

Ion 66.00 (65.70 to 66.70): BM021625.D (-659) (-)





#14

Acetophenone

Concen: 1.982 ng/ul

RT: 8.53 min Scan# 943

Delta R.T. 0.01 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

Instrument :

BNA_M

ClientSampleId :

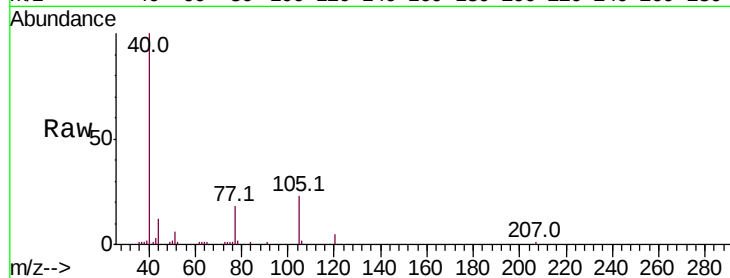
Tot Ion:105 Resp: 25307

Ion Ratio Lower Upper

105 100

77 78.9 66.3 99.5

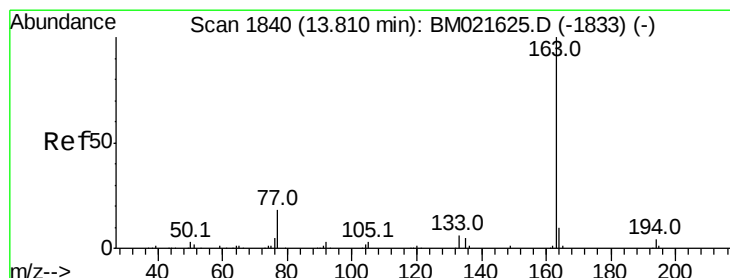
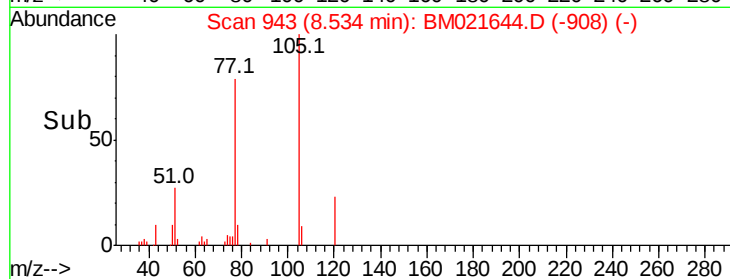
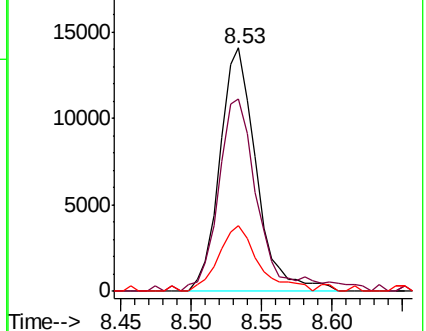
51 27.1 20.2 30.2



Abundance Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BM0

Ion 51.00 (50.70 to 51.70): BM0



#44

Dimethylphthalate

Concen: 7.606 ng/ul

RT: 13.81 min Scan# 1840

Delta R.T. -0.00 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

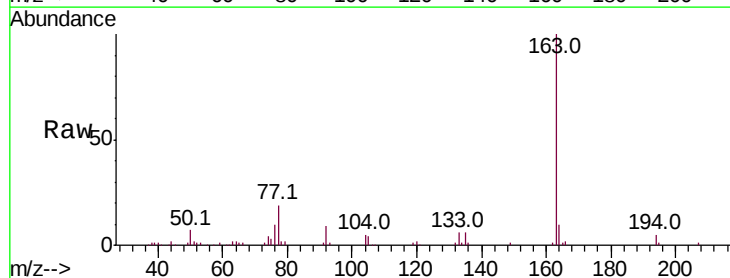
Tgt Ion:163 Resp: 234741

Ion Ratio Lower Upper

163 100

194 4.6 3.2 4.8

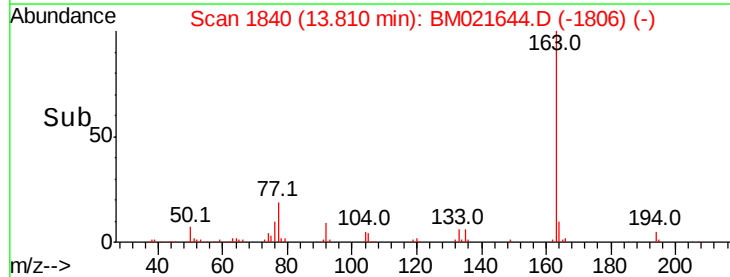
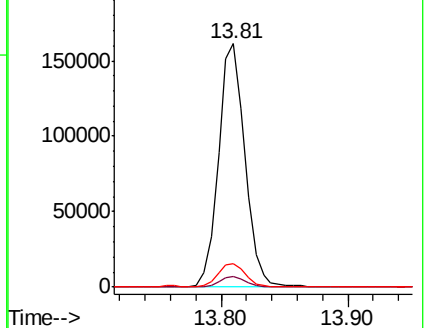
164 9.8 8.2 12.4

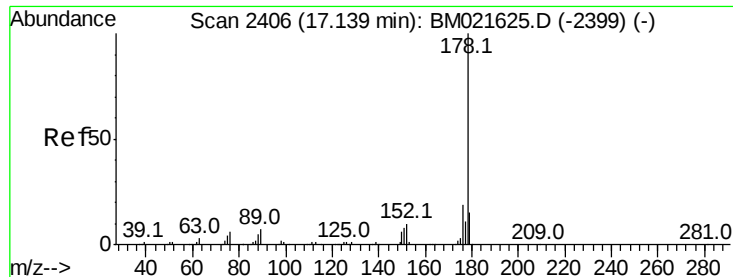


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#69

Phenanthrene

Concen: 2.164 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. -0.00 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

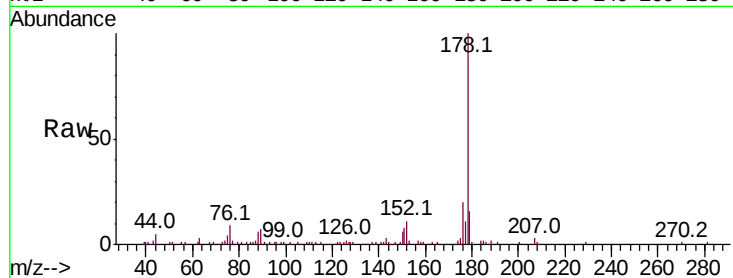
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 105917

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.2	18.2
176	20.2	15.0	22.4

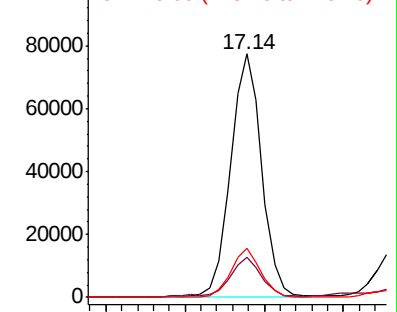


Abundance

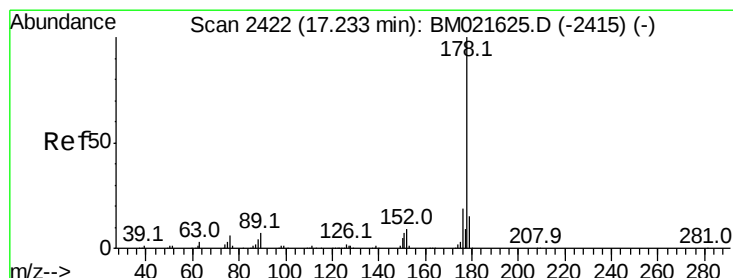
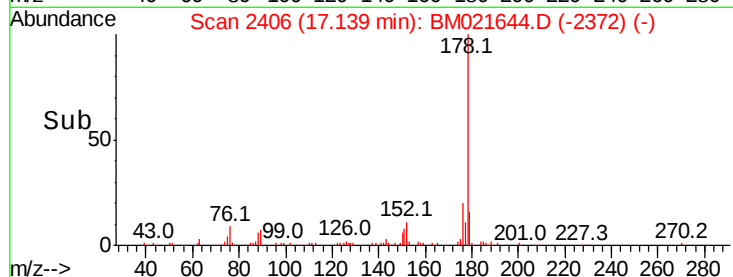
Ion 178.00 (177.70 to 178.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->



#71

Anthracene

Concen: 2.140 ng/ul

RT: 17.14 min Scan# 2406

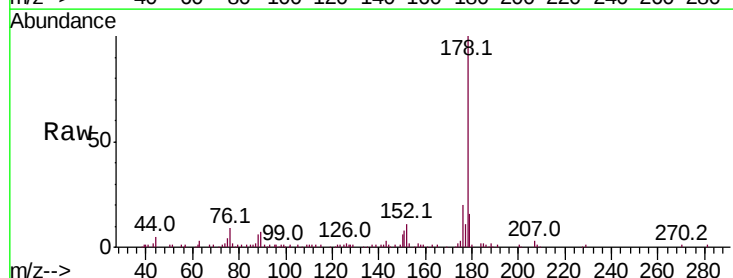
Delta R.T. -0.09 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

Tgt Ion:178 Resp: 105917

Ion	Ratio	Lower	Upper
178	100		
179	16.3	12.4	18.6
176	20.2	14.6	21.8

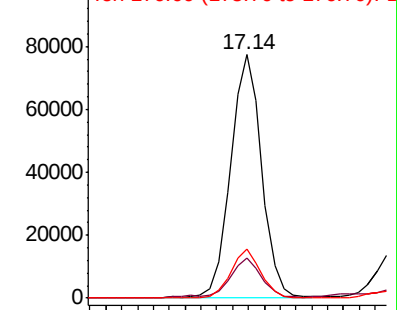


Abundance

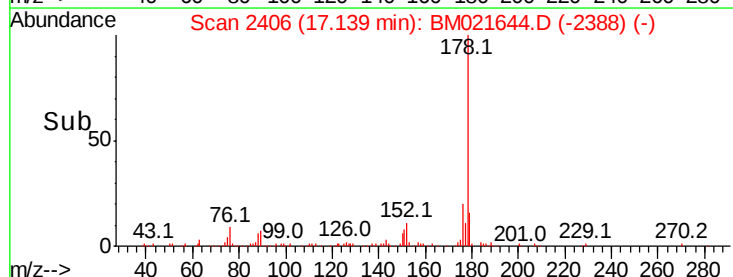
Ion 178.00 (177.70 to 178.70): E

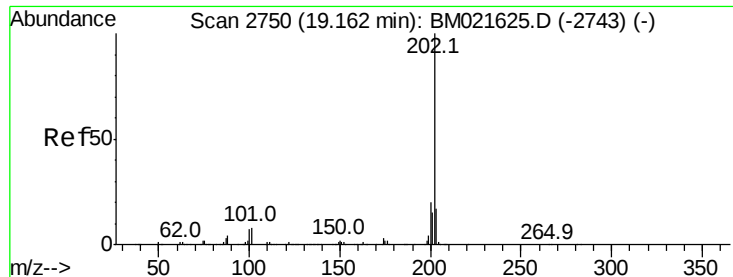
Ion 179.00 (178.70 to 179.70): E

Ion 176.00 (175.70 to 176.70): E



Time-->

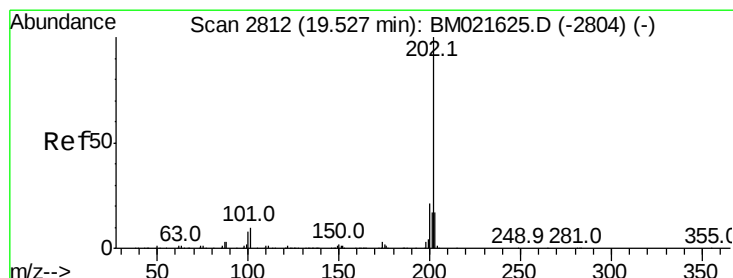
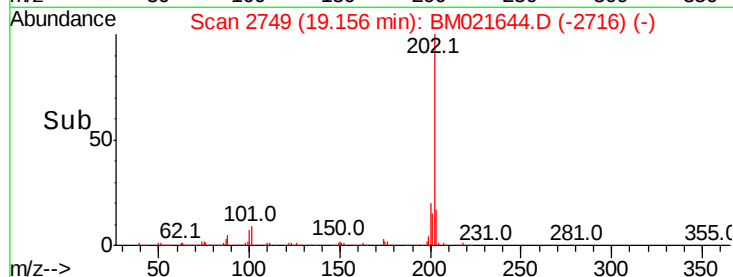
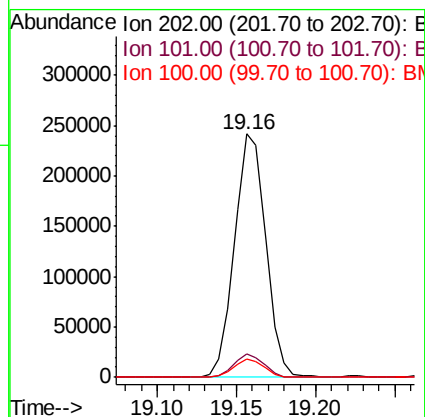
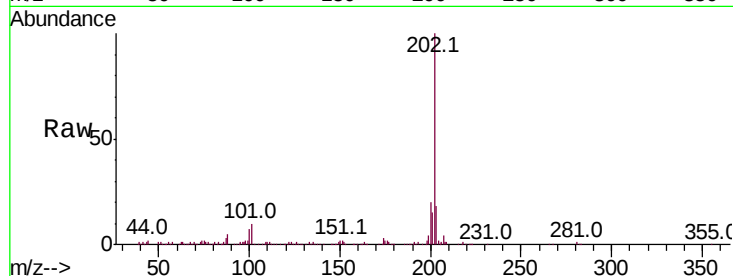




#76
Fluoranthene
Concen: 5.439 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

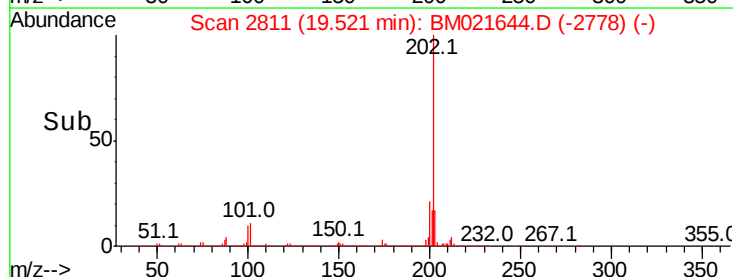
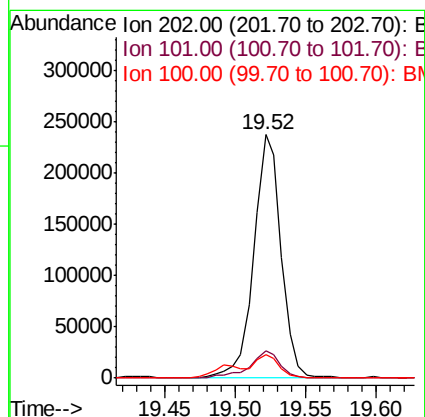
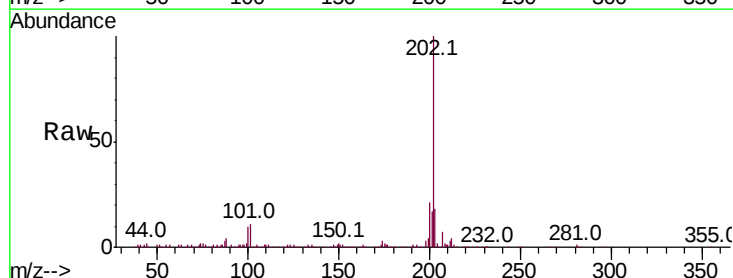
Instrument :
BNA_M
ClientSampleId :

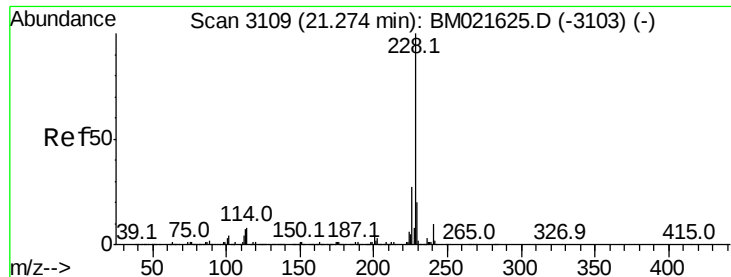
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.6	7.2	10.8
100	7.5	5.6	8.4



#79
Pyrene
Concen: 4.838 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.2	8.6	13.0
100	9.5	7.1	10.7

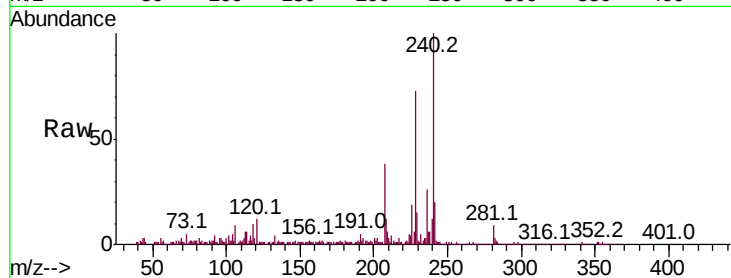




#82
Benzo(a)anthracene
Concen: 2.515 ng/ul
RT: 21.27 min Scan# 3109
Delta R.T. -0.00 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

Instrument :
BNA_M
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
228	100		
229	20.3	15.8	23.6
226	26.8	21.7	32.5

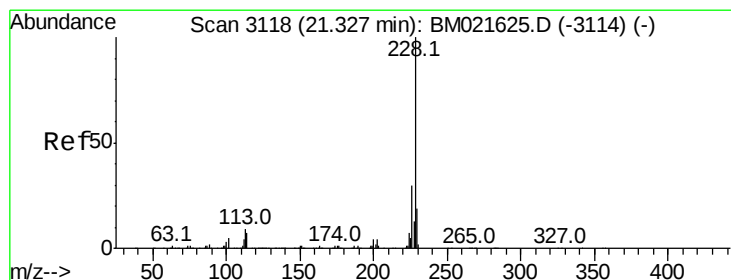
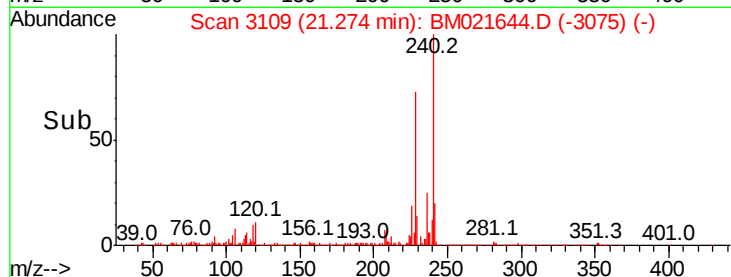
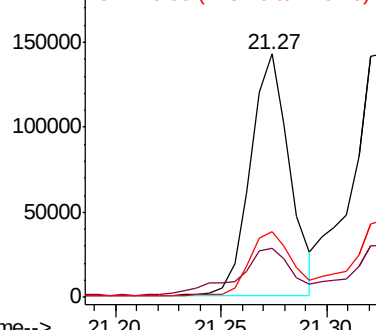


Abundance

Ion 228.00 (227.70 to 228.70): E

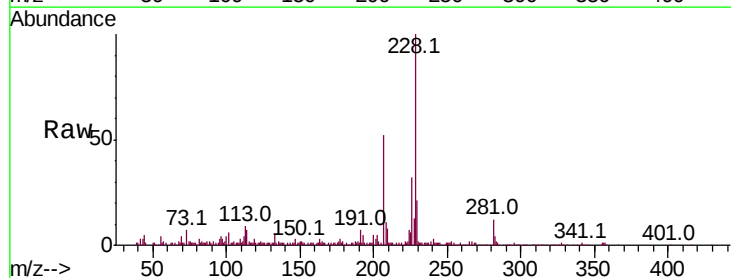
Ion 229.00 (228.70 to 229.70): E

Ion 226.00 (225.70 to 226.70): E



#84
Chrysene
Concen: 3.155 ng/ul
RT: 21.33 min Scan# 3118
Delta R.T. -0.01 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.6	24.2	36.2
229	21.1	15.4	23.2

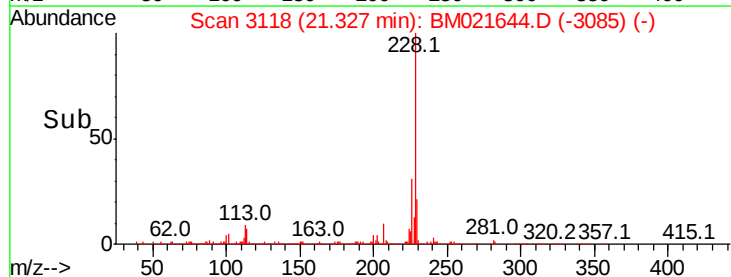
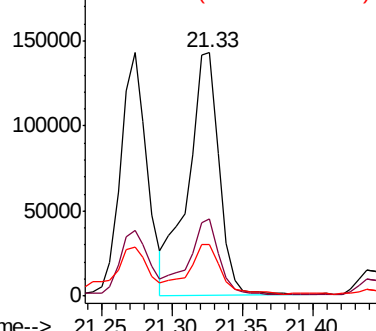


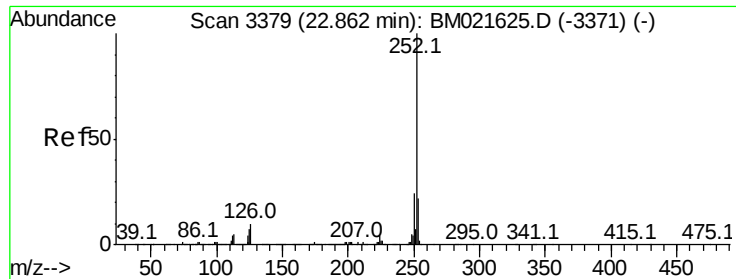
Abundance

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

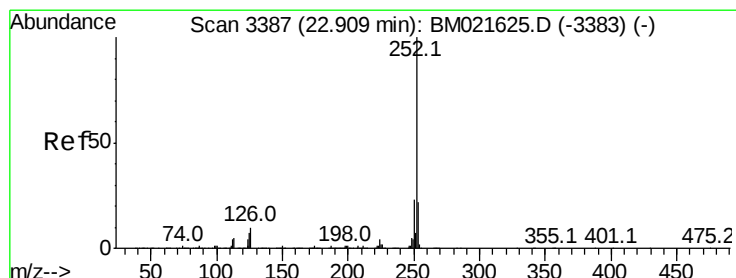
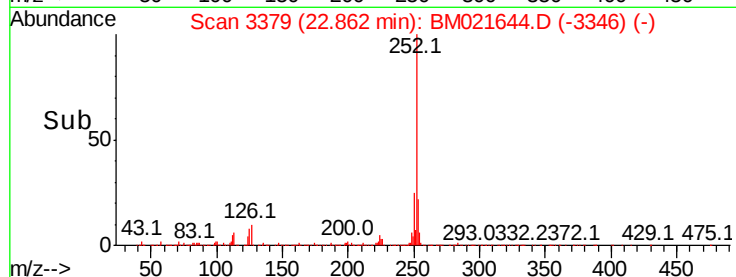
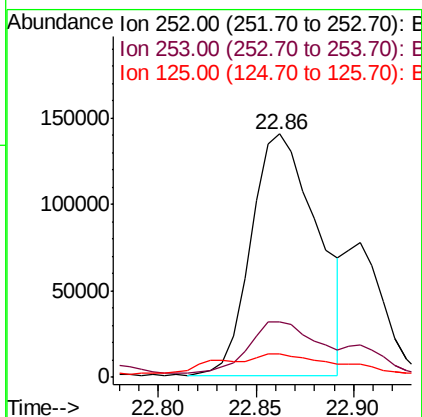
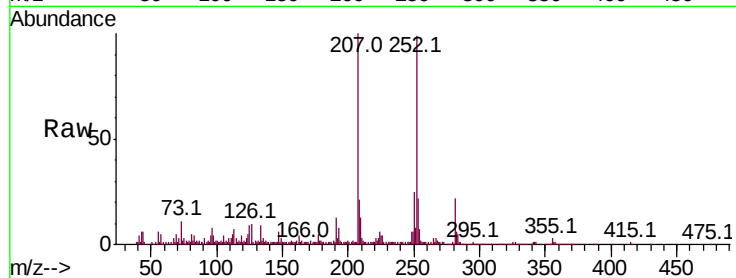




#87
Benzo(b)fluoranthene
Concen: 4.469 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.01 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

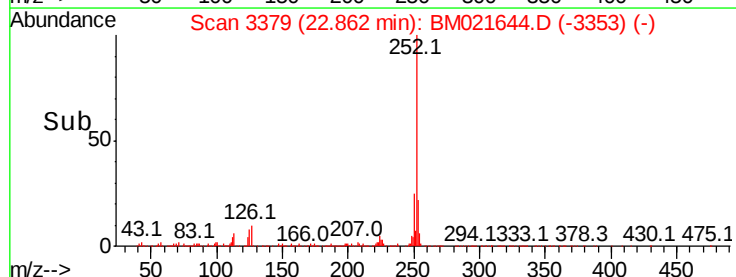
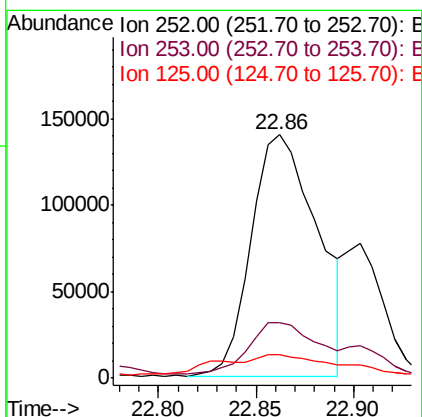
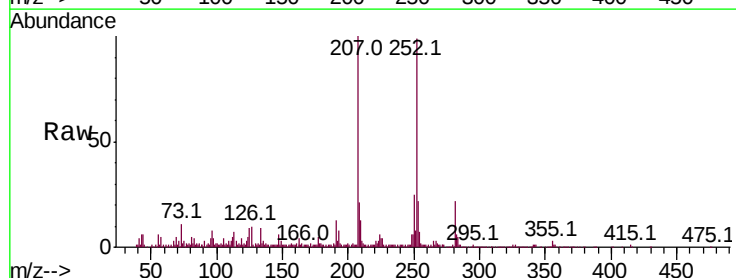
Instrument :
BNA_M
ClientSampleId :

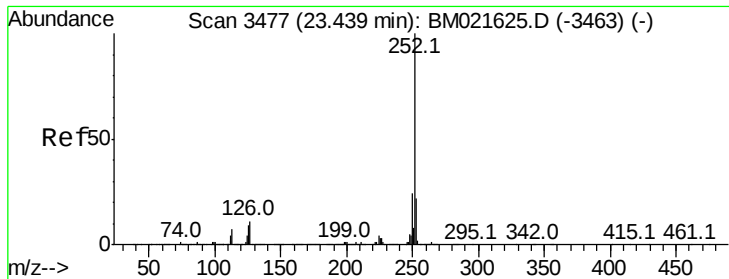
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.6	26.4
125	9.4	5.8	8.6



#88
Benzo(k)fluoranthene
Concen: 4.555 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.05 min
Lab File: BM021644.D
Acq: 25 Jul 2019 19:51

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.7	17.7	26.5
125	9.4	6.4	9.6





#90

Benzo(a)pyrene

Concen: 2.821 ng/ul

RT: 23.44 min Scan# 3477

Delta R.T. -0.01 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

Instrument :

BNA_M

ClientSampleId :

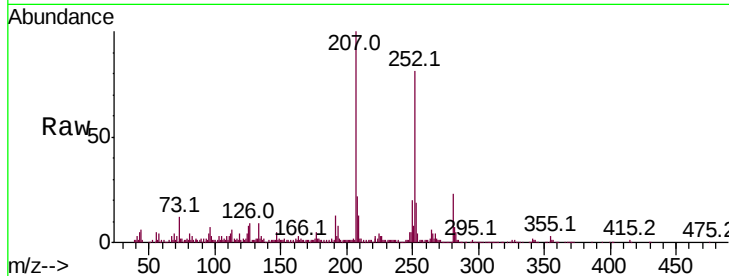
Tot Ion:252 Resp: 199419

Ion Ratio Lower Upper

252 100

253 23.3 17.8 26.6

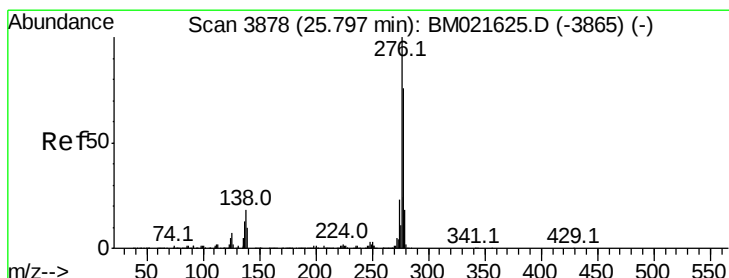
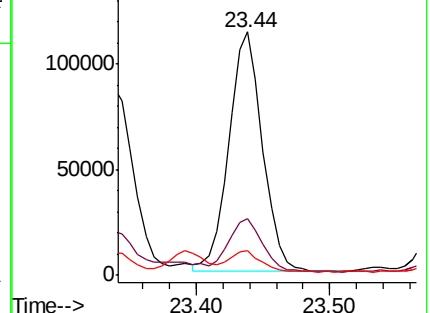
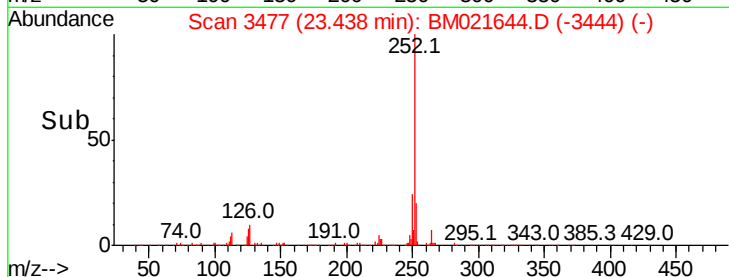
125 10.0 7.0 10.4



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



#91

Indeno(1,2,3-cd)pyrene

Concen: 1.614 ng/ul

RT: 25.79 min Scan# 3877

Delta R.T. -0.01 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

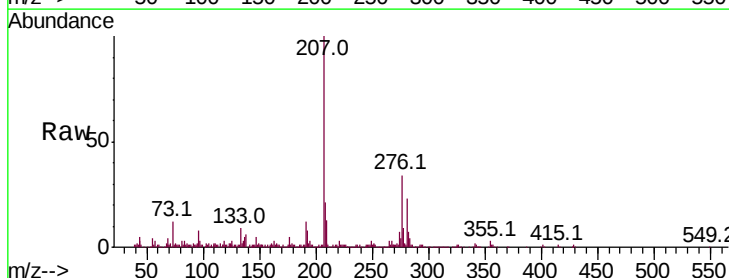
Tgt Ion:276 Resp: 138609

Ion Ratio Lower Upper

276 100

138 18.2 15.2 22.8

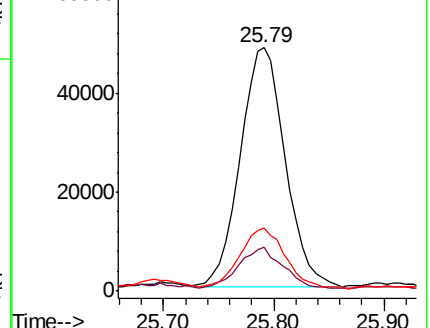
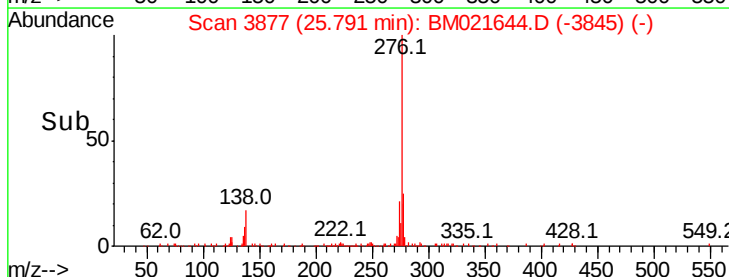
277 26.2 20.2 30.2

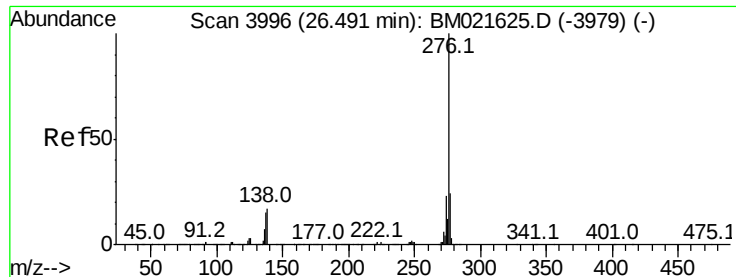


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#93

Benzo(a,h,i)perylene

Concen: 1.913 ng/ul

RT: 26.49 min Scan# 3995

Delta R.T. -0.01 min

Lab File: BM021644.D

Acq: 25 Jul 2019 19:51

Instrument :

BNA_M

ClientSampleId :

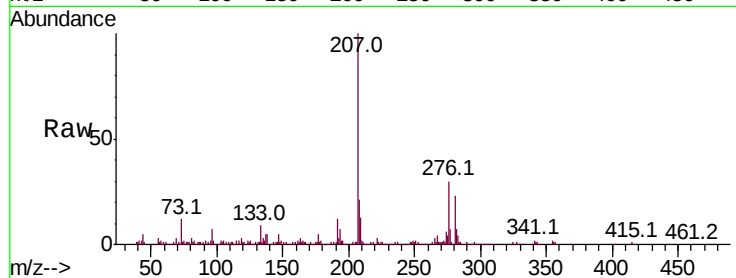
Tot Ion:276 Resp: 133033

Ion Ratio Lower Upper

276 100

138 17.0 13.7 20.5

277 24.5 19.0 28.6



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

