

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021646.D
 Acq On : 25 Jul 2019 21:04
 Operator : HP/JU
 Sample : K3850-12
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:09:29 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	142731	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	655356	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.34	164	470021	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1102206	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1264820	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1236746	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	8202	3.13	ng/uL	0.00
5) Phenol-d5	6.87	99	184347	15.23	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	123337	17.56	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	163555	17.23	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	110132	10.65	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	93145	19.20	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	102476	19.69	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	207229	17.85	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	158858	14.11	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	738463	18.34	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	871042	17.78	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	49765	7.20	ng/ul	0.01
57) Fluorene-d10	15.34	176	700445	19.28	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.48	200	40744	5.90	ng/ul	0.00
70) Anthracene-d10	17.20	188	1183900	21.83	ng/ul	0.00
78) Pyrene-d10	19.50	212	1486953	24.09	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1465521	22.19	ng/ul	0.00

Target Compounds

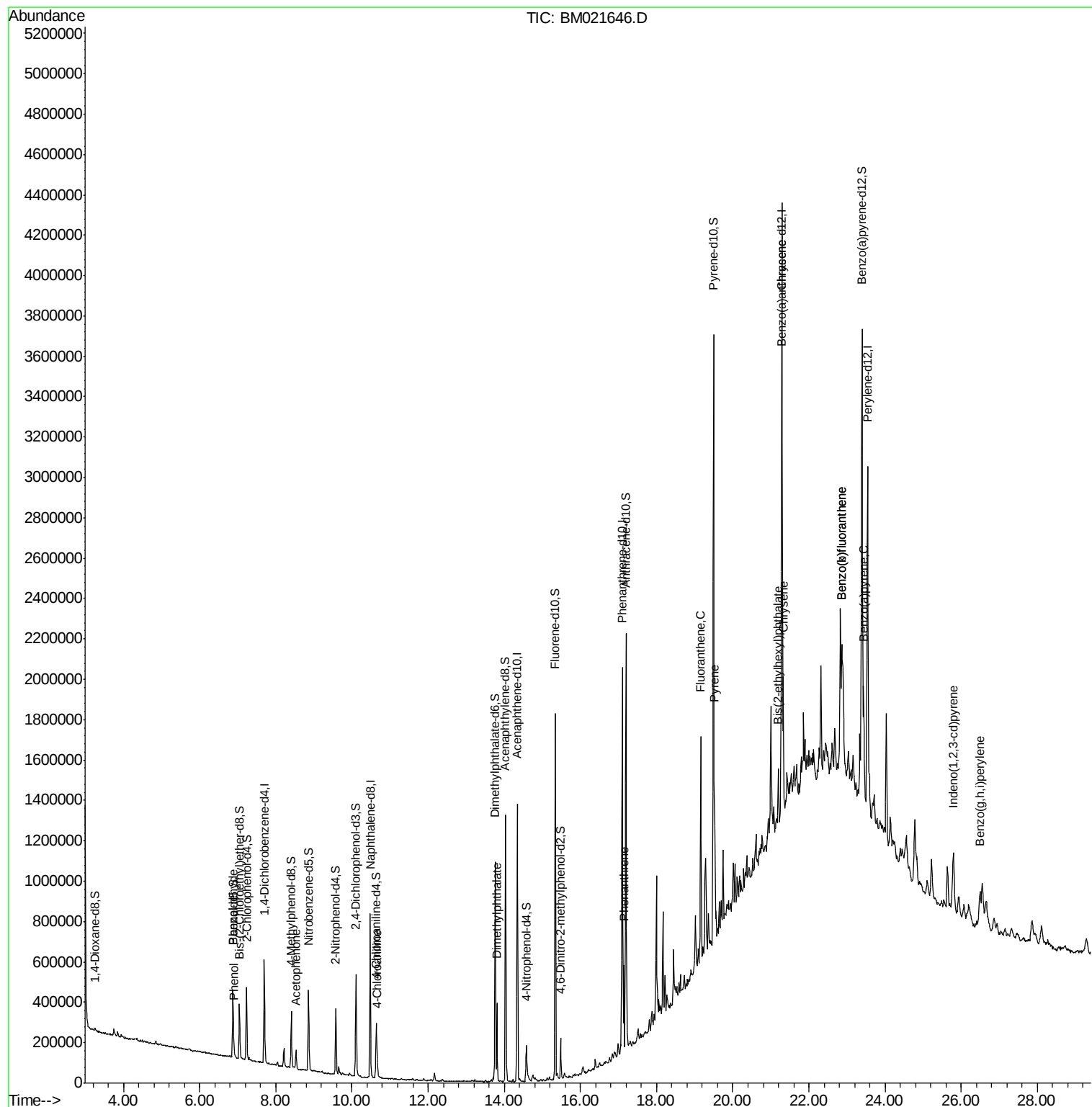
				Ovalue	
4) Benzaldehyde	6.87	77	8446	1.655	ng/ul# 81
6) Phenol	6.90	94	15960	1.370	ng/ul 99
14) Acetophenone	8.53	105	47255	3.045	ng/ul 98
30) 4-Chloroaniline	10.66	127	21752	1.982	ng/ul 97
44) Dimethylphthalate	13.81	163	240859	6.230	ng/ul 99
69) Phenanthrene	17.14	178	242861	4.039	ng/ul 99
76) Fluoranthene	19.16	202	670514	8.994	ng/ul 99
79) Pyrene	19.52	202	585276	7.768	ng/ul 100
82) Benzo(a)anthracene	21.27	228	348628	4.205	ng/ul 97
83) Bis(2-ethylhexyl)phthalate	21.20	149	91925	2.659	ng/ul 99
84) Chrysene	21.33	228	392535	4.964	ng/ul 97
87) Benzo(b)fluoranthene	22.86	252	555323	7.427	ng/ul# 95
88) Benzo(k)fluoranthene	22.86	252	555323	7.571	ng/ul# 95
90) Benzo(a)pyrene	23.44	252	348396	4.852	ng/ul# 96
91) Indeno(1,2,3-cd)pyrene	25.79	276	240842	2.762	ng/ul 97
93) Benzo(g,h,i)perylene	26.49	276	241761	3.424	ng/ul 99

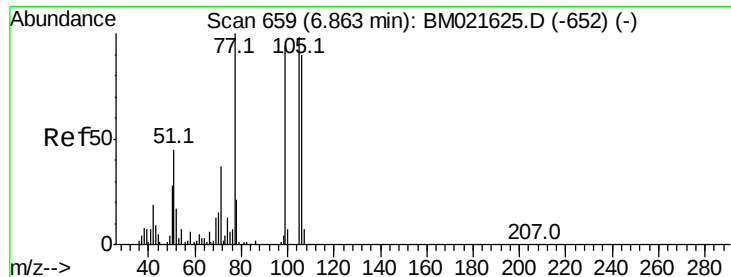
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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





#4

Benzaldehyde

Concen: 1.655 ng/ul

RT: 6.87 min Scan# 660

Delta R.T. 0.01 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Instrument :

BNA_M

ClientSampleId :

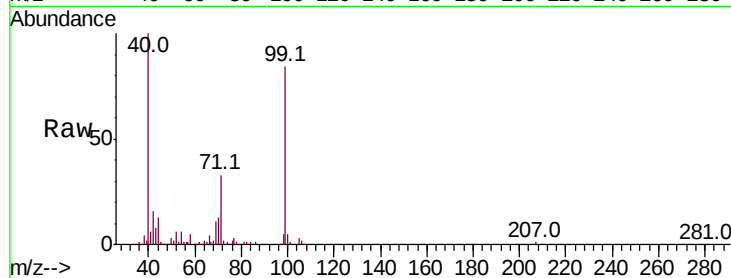
Tot Ion: 77 Resp: 8446

Ion Ratio Lower Upper

77 100

105 82.2 75.8 113.8

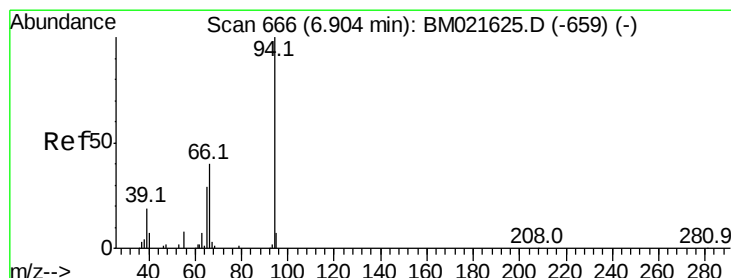
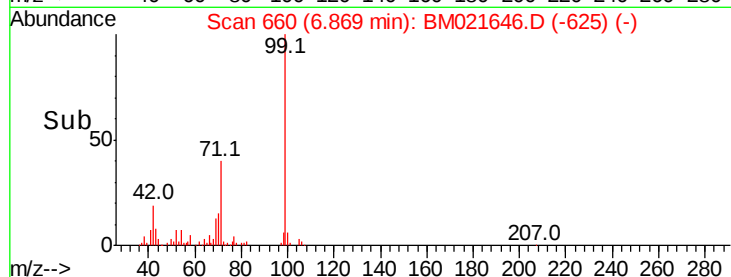
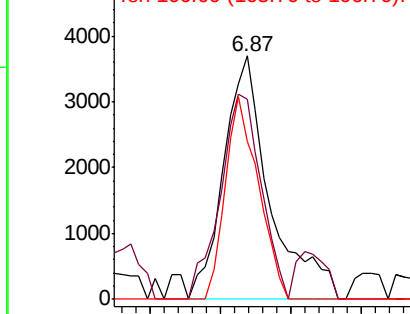
106 64.7 70.9 106.3#



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: 1.370 ng/ul

RT: 6.90 min Scan# 666

Delta R.T. -0.00 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

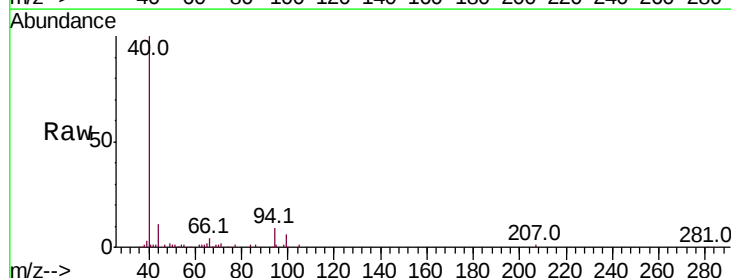
Tgt Ion: 94 Resp: 15960

Ion Ratio Lower Upper

94 100

65 28.9 23.3 34.9

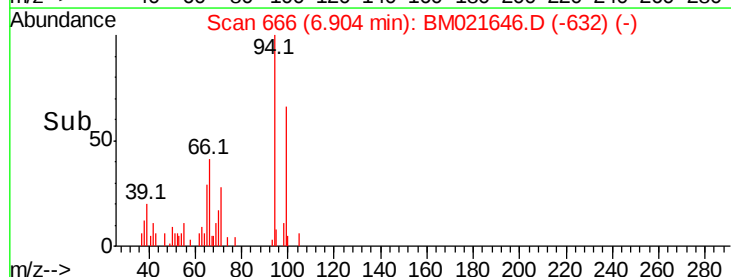
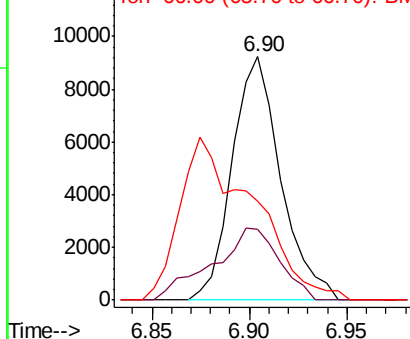
66 40.8 33.2 49.8

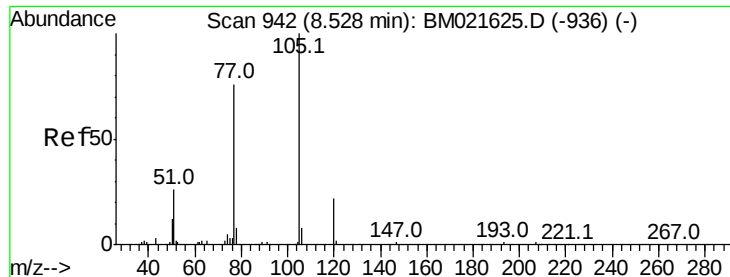


Abundance Ion 94.00 (93.70 to 94.70): BM021625.D (-659) (-)

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: 3.045 ng/ul

RT: 8.53 min Scan# 942

Delta R.T. -0.00 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Instrument :

BNA_M

ClientSampleId :

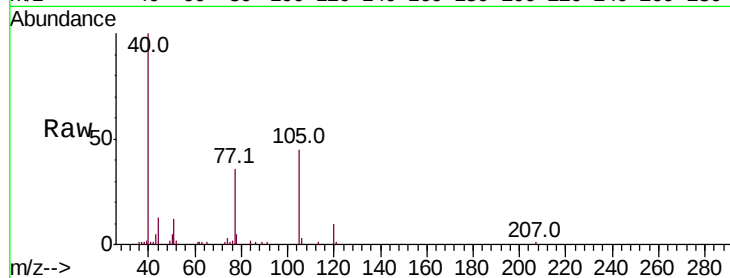
Tot Ion:105 Resp: 47255

Ion Ratio Lower Upper

105 100

77 80.4 66.3 99.5

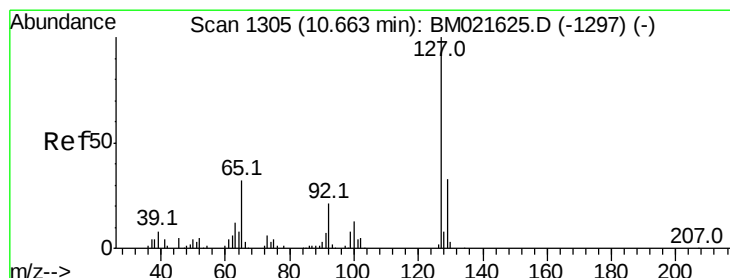
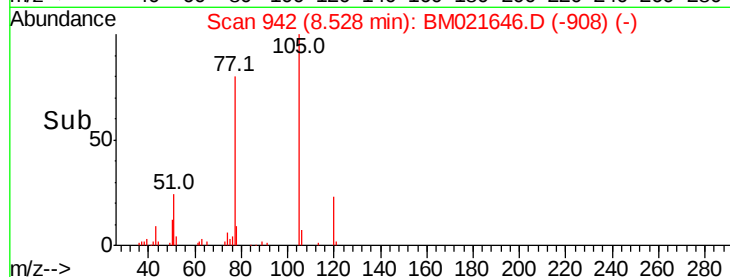
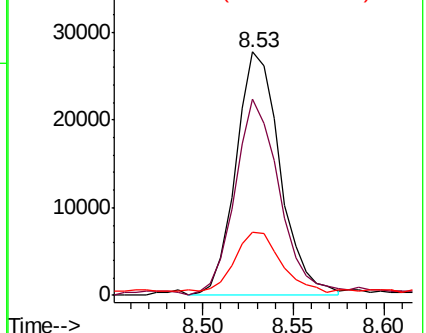
51 25.9 20.2 30.2



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



#30

4-Chloroaniline

Concen: 1.982 ng/ul

RT: 10.66 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BM021646.D

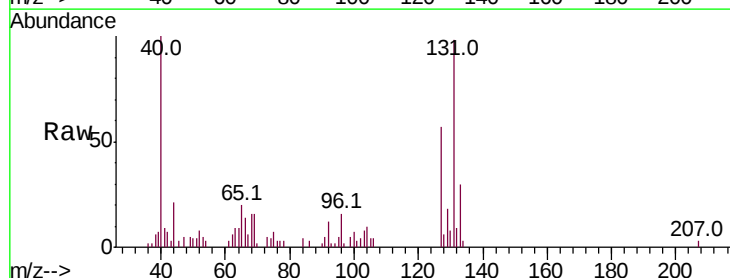
Acq: 25 Jul 2019 21:04

Tgt Ion:127 Resp: 21752

Ion Ratio Lower Upper

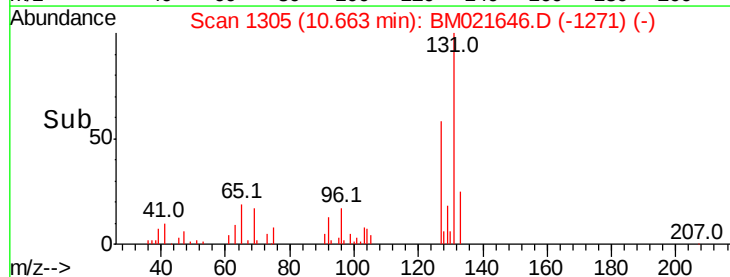
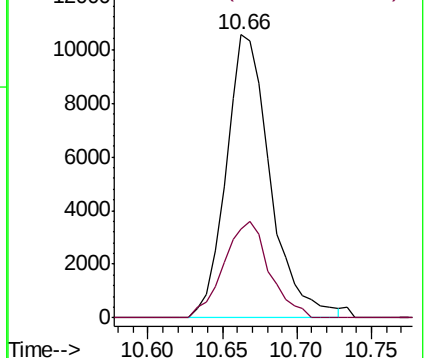
127 100

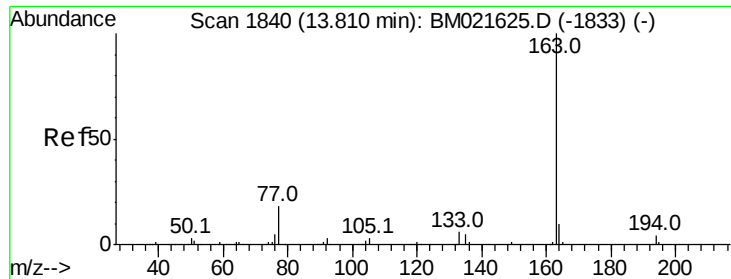
129 31.4 26.6 39.8



Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

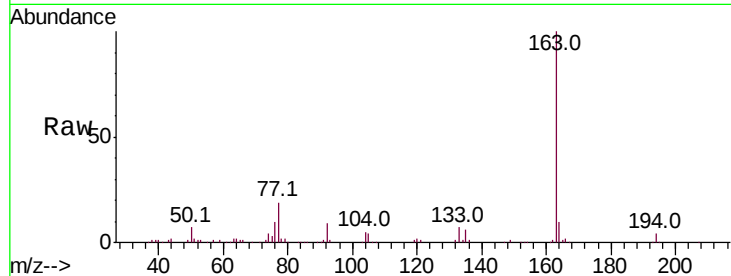




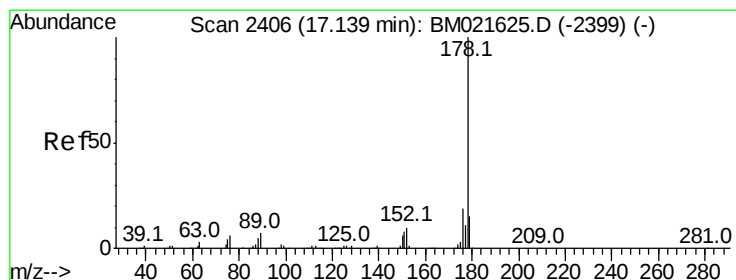
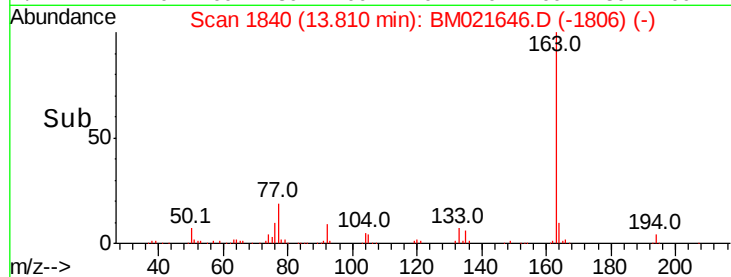
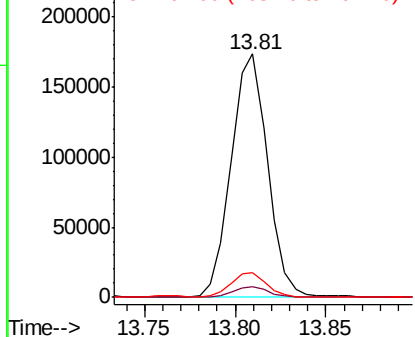
#44
Dimethylphthalate
Concen: 6.230 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Instrument :
BNA_M
ClientSampleId :

Tot Ion:163 Resp: 240859
Ion Ratio Lower Upper
163 100
194 4.3 3.2 4.8
164 10.1 8.2 12.4

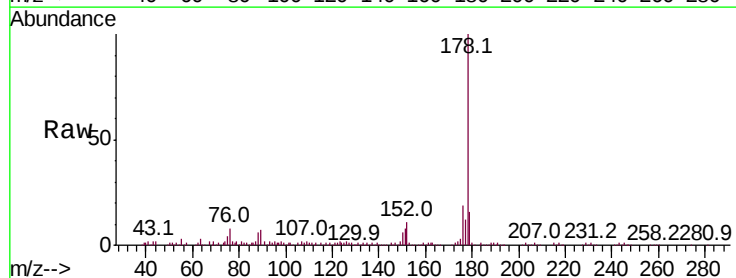


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

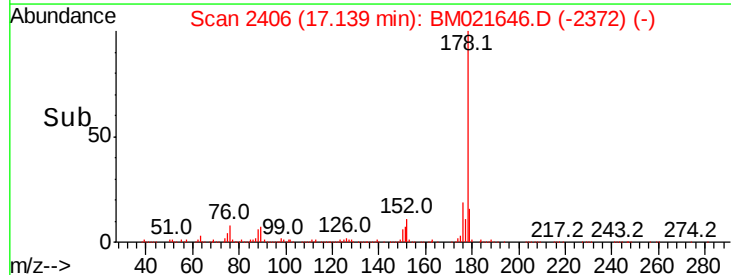
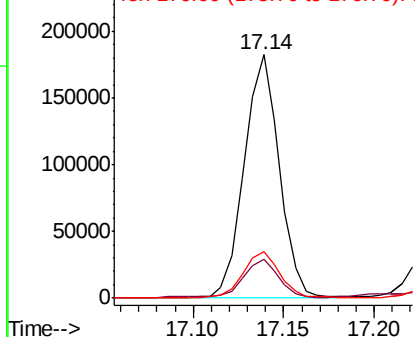


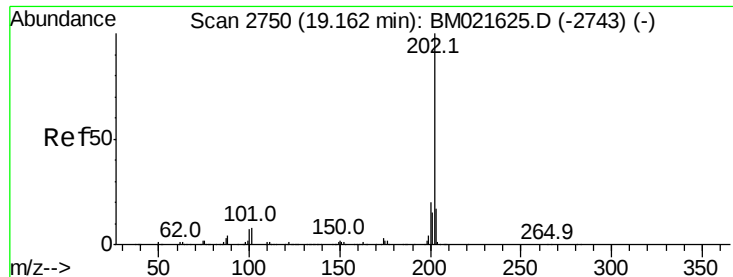
#69
Phenanthrene
Concen: 4.039 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. -0.00 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion:178 Resp: 242861
Ion Ratio Lower Upper
178 100
179 15.7 12.2 18.2
176 19.1 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

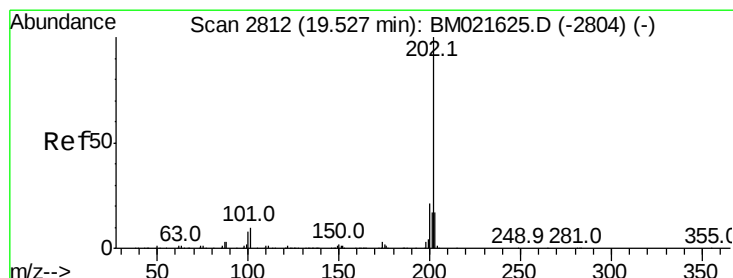
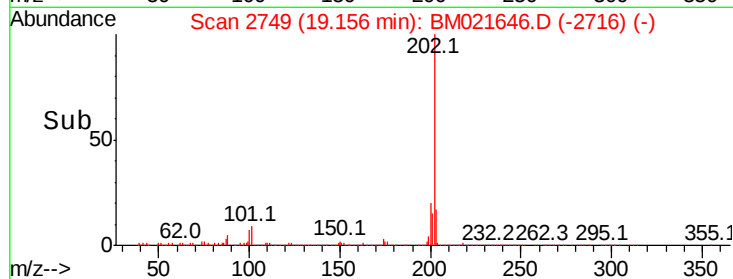
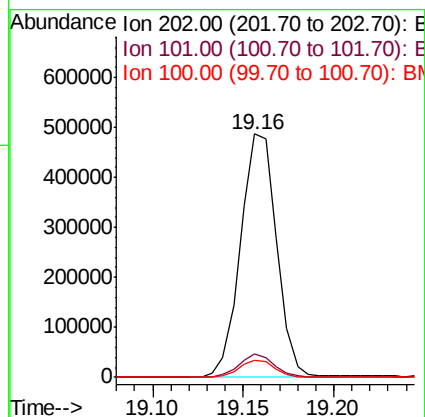
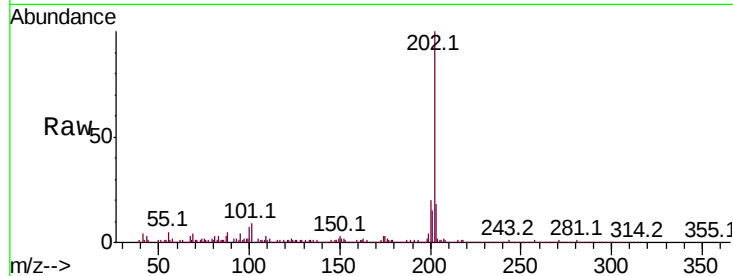




#76
Fluoranthene
Concen: 8.994 ng/ul
RT: 19.16 min Scan# 2749
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

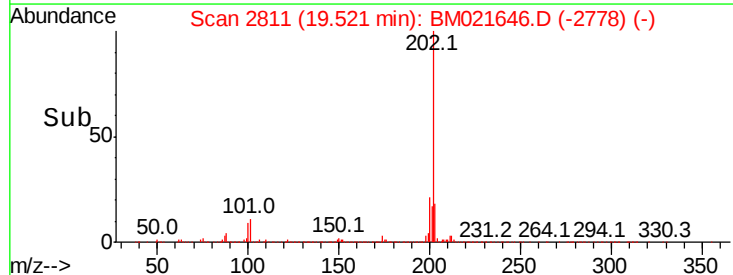
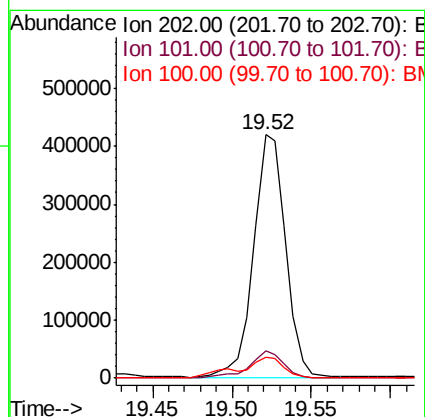
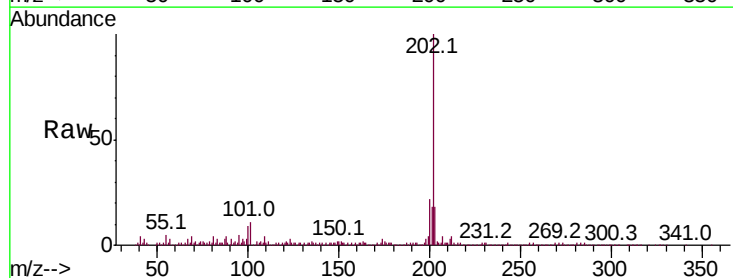
Instrument :
BNA_M
ClientSampleId :

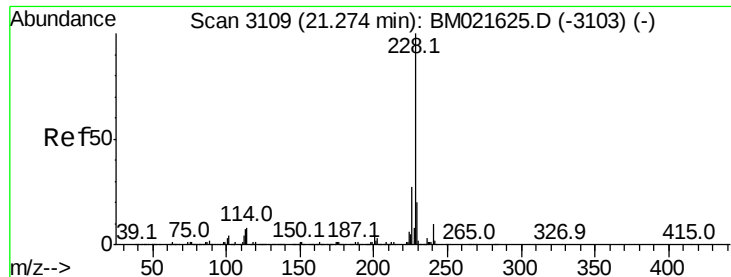
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.4	7.2	10.8
100	7.1	5.6	8.4



#79
Pyrene
Concen: 7.768 ng/ul
RT: 19.52 min Scan# 2811
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.0	8.6	13.0
100	8.8	7.1	10.7





#82

Benzo(a)anthracene

Concen: 4.205 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. -0.00 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

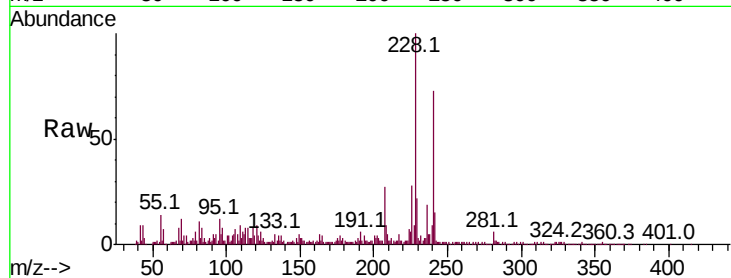
Instrument :

BNA_M

ClientSampleId :

Tot Ion:228 Resp: 348628

Ion	Ratio	Lower	Upper
228	100		
229	21.7	15.8	23.6
226	28.0	21.7	32.5

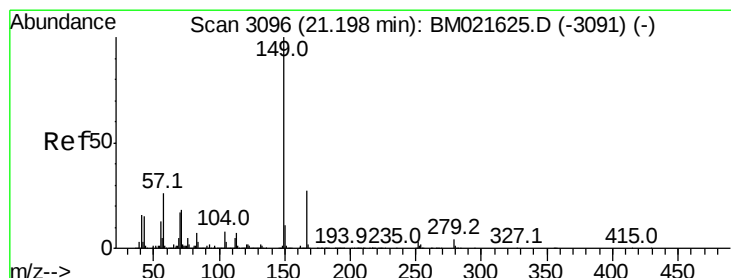
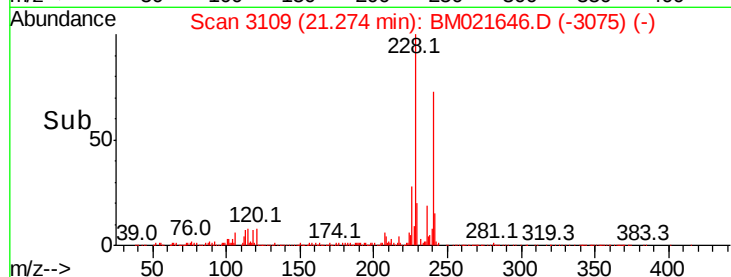
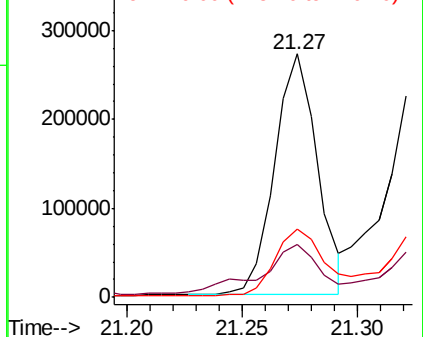


Abundance

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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.659 ng/ul

RT: 21.20 min Scan# 3096

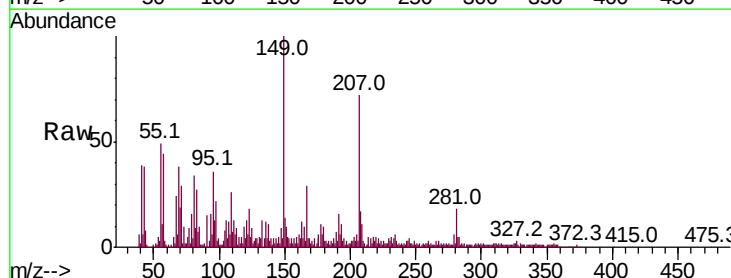
Delta R.T. -0.01 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Tgt Ion:149 Resp: 91925

Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.3	33.5
279	5.7	4.2	6.4

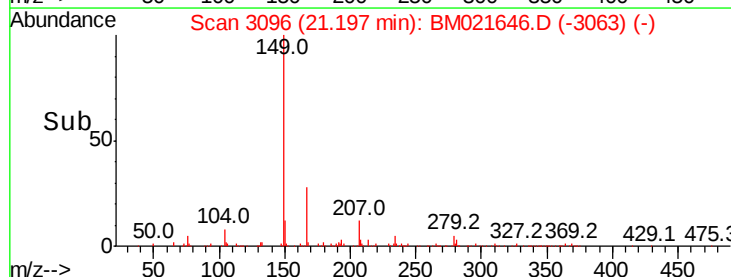
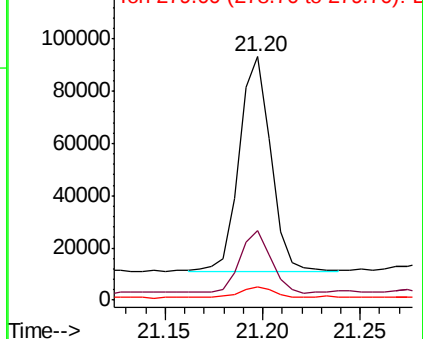


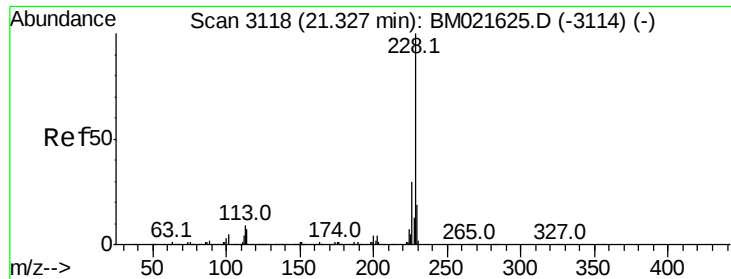
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#84

Chrysene

Concen: 4.964 ng/ul

RT: 21.33 min Scan# 3118

Delta R.T. -0.01 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

Instrument :

BNA_M

ClientSampleId :

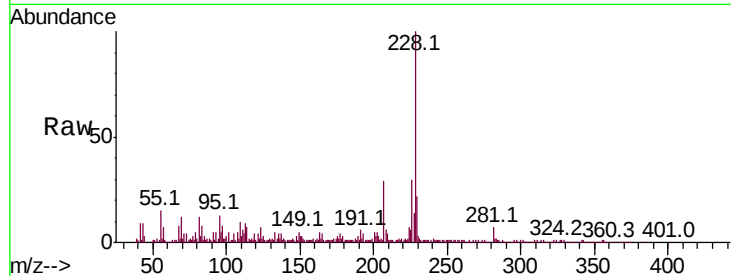
Tot Ion:228 Resp: 392535

Ion Ratio Lower Upper

228 100

226 29.6 24.2 36.2

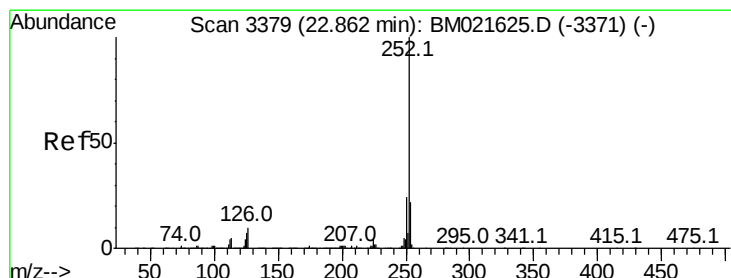
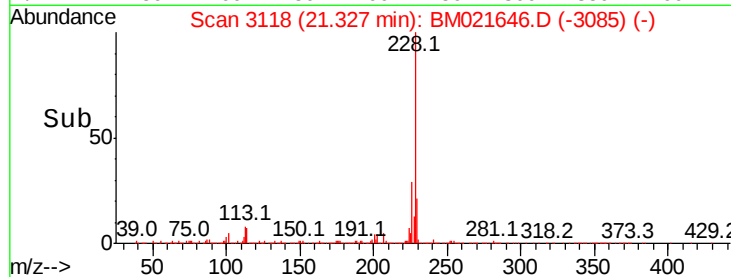
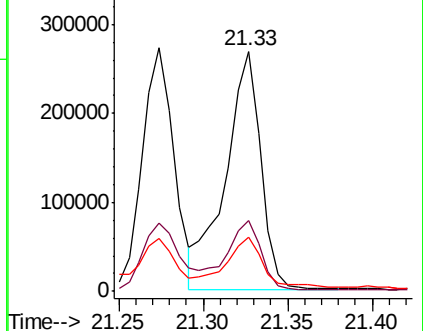
229 22.5 15.4 23.2



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: 7.427 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM021646.D

Acq: 25 Jul 2019 21:04

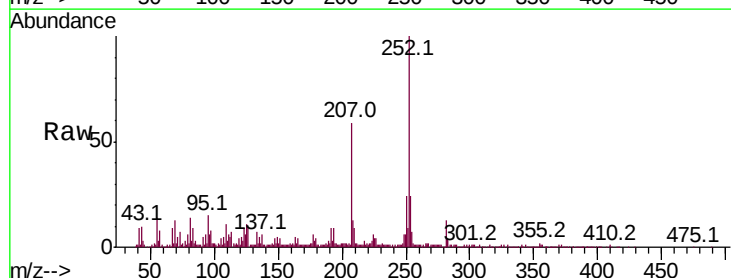
Tgt Ion:252 Resp: 555323

Ion Ratio Lower Upper

252 100

253 23.7 17.6 26.4

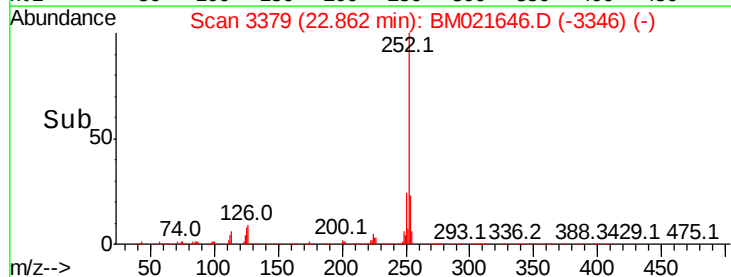
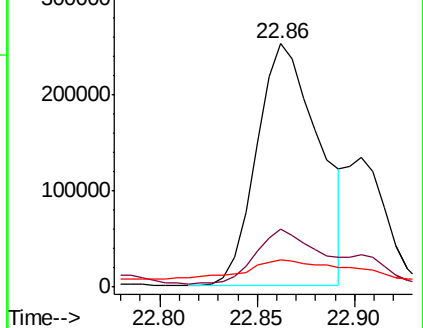
125 11.0 5.8 8.6#

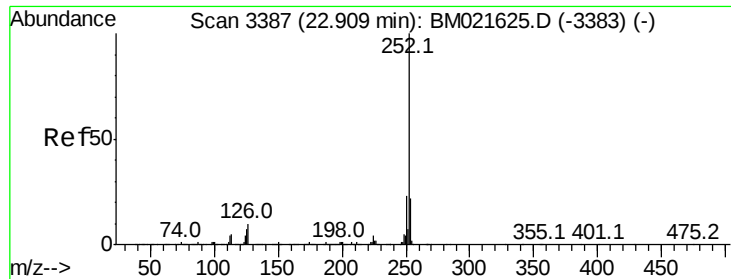


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

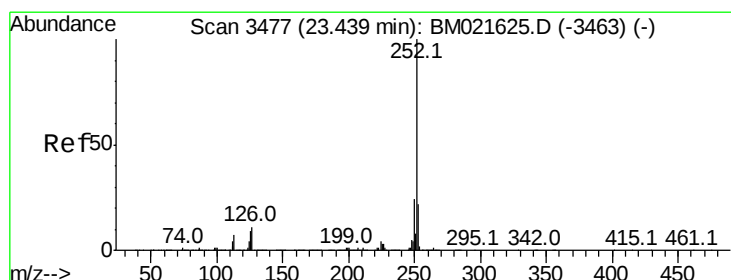
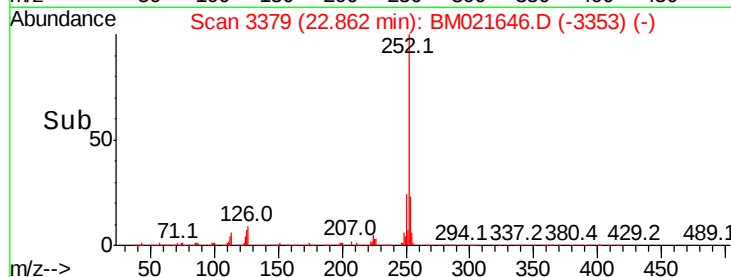
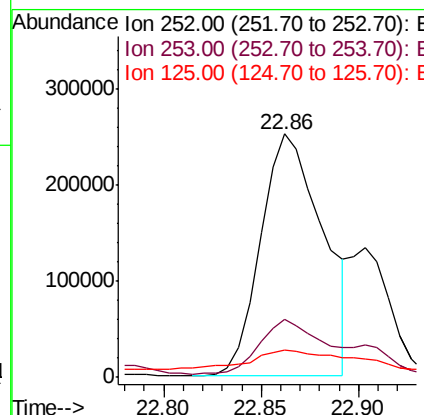
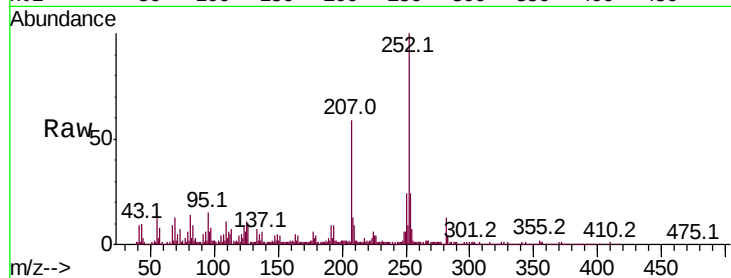




#88
Benzo(k)fluoranthene
Concen: 7.571 ng/ul
RT: 22.86 min Scan# 3379
Delta R.T. -0.05 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

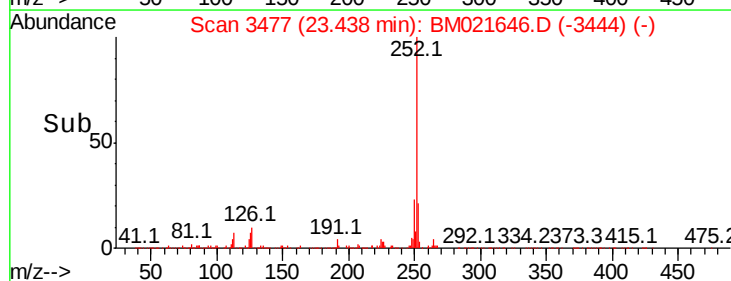
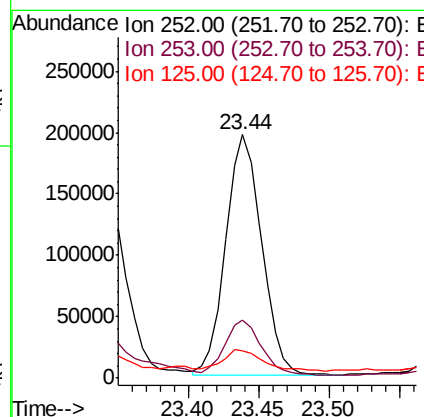
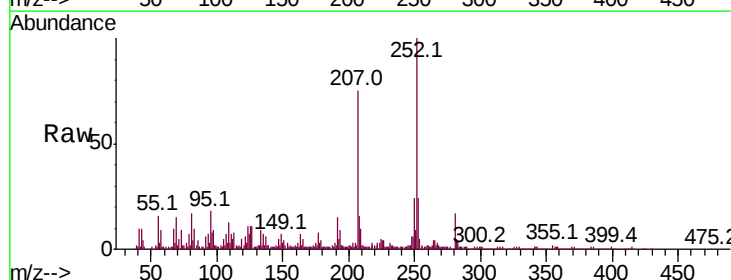
Instrument :
BNA_M
ClientSampleId :

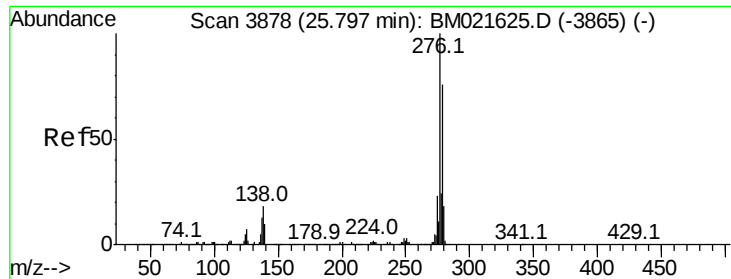
Tot Ion	Ratio	Lower	Upper
252	100		
253	23.7	17.7	26.5
125	11.0	6.4	9.6#



#90
Benzo(a)pyrene
Concen: 4.852 ng/ul
RT: 23.44 min Scan# 3477
Delta R.T. -0.01 min
Lab File: BM021646.D
Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.8	17.8	26.6
125	11.0	7.0	10.4#

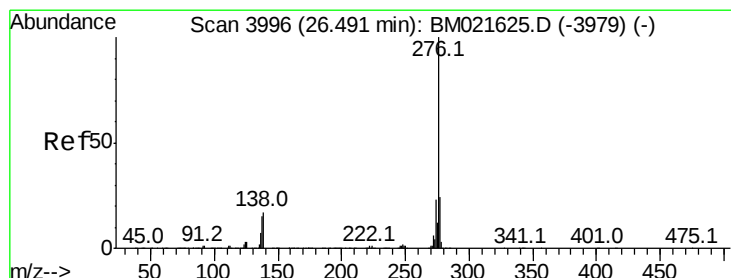
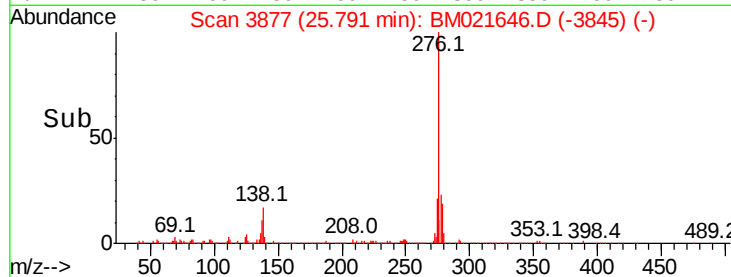
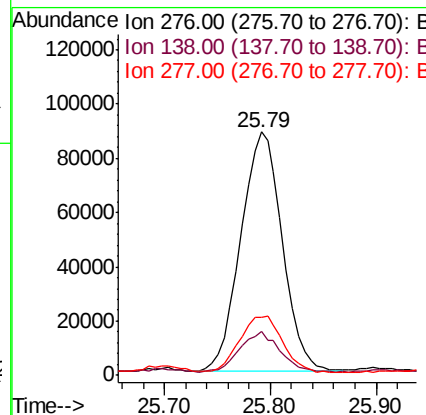
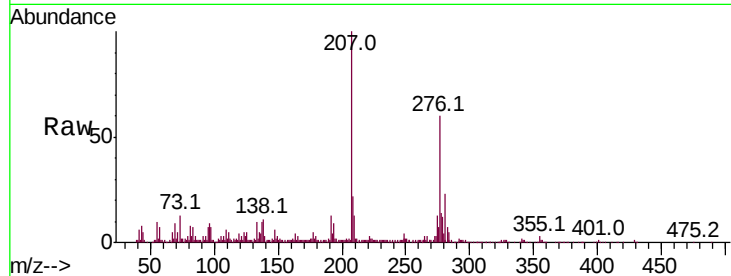




#91
 Indeno(1,2,3-cd)pyrene
 Concen: 2.762 ng/ul
 RT: 25.79 min Scan# 3877
 Delta R.T. -0.01 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
276	100		
138	17.8	15.2	22.8
277	23.8	20.2	30.2



#93
 Benzo(g,h,i)perylene
 Concen: 3.424 ng/ul
 RT: 26.49 min Scan# 3996
 Delta R.T. -0.00 min
 Lab File: BM021646.D
 Acq: 25 Jul 2019 21:04

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.6	13.7	20.5
277	24.0	19.0	28.6

