

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021649.D
 Acq On : 25 Jul 2019 22:53
 Operator : HP/JU
 Sample : K3850-20
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:09:56 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	159821	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	728148	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	511790	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	1221525	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1512791	20.00	ng/ul	0.00
85) Perylene-d12	23.54	264	1550883	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	9650	3.29	ng/uL	0.00
5) Phenol-d5	6.87	99	221783	16.36	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	121638	15.47	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	179982	16.93	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	180352	15.58	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	94536	17.54	ng/ul	0.00
22) 2-Nitrophenol-d4	9.57	143	106653	18.44	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	229102	17.77	ng/ul	0.00
29) 4-Chloroaniline-d4	10.63	131	177263	14.17	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	728465	16.61	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	867115	16.26	ng/ul	0.00
51) 4-Nitrophenol-d4	14.58	143	71566	9.51	ng/ul	0.01
57) Fluorene-d10	15.34	176	693124	17.52	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	43137	5.64	ng/ul	0.00
70) Anthracene-d10	17.20	188	1129402	18.79	ng/ul	0.00
78) Pyrene-d10	19.50	212	1446791	19.60	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.40	264	1541356	18.61	ng/ul	0.00

Target Compounds

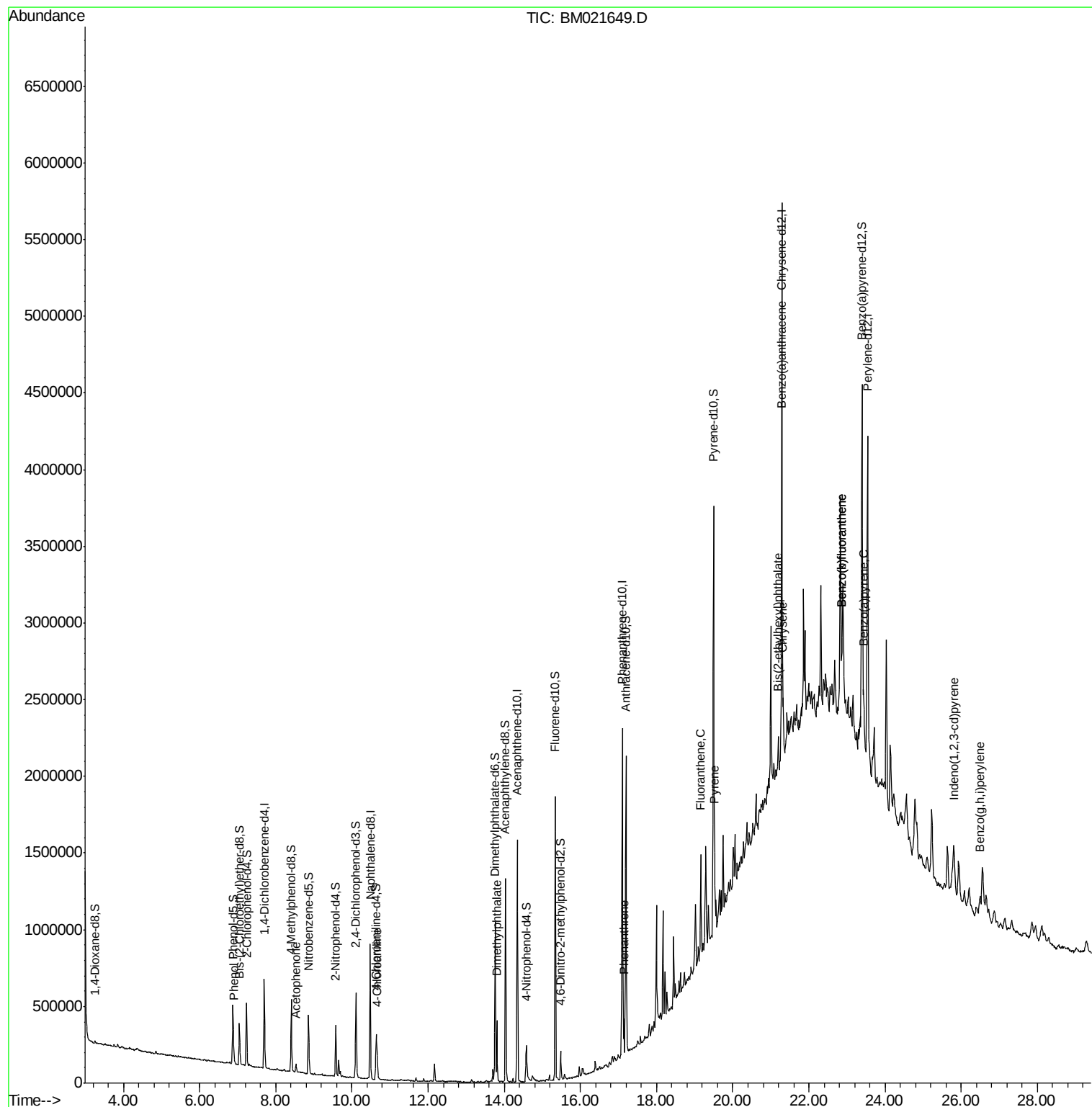
					Ovalue
6) Phenol	6.90	94	16736	1.283	ng/ul 91
14) Acetophenone	8.53	105	31882	1.835	ng/ul 98
30) 4-Chloroaniline	10.66	127	61917	5.077	ng/ul 99
44) Dimethylphthalate	13.81	163	254167	6.038	ng/ul 99
69) Phenanthrene	17.14	178	142715	2.141	ng/ul 100
76) Fluoranthene	19.16	202	371749	4.500	ng/ul 100
79) Pyrene	19.53	202	327503	3.634	ng/ul 98
82) Benzo(a)anthracene	21.27	228	204340	2.060	ng/ul 93
83) Bis(2-ethylhexyl)phthalate	21.20	149	75468	1.825	ng/ul 99
84) Chrysene	21.33	228	216366	2.288	ng/ul# 95
87) Benzo(b)fluoranthene	22.86	252	310787	3.315	ng/ul# 87
88) Benzo(k)fluoranthene	22.86	252	310787	3.379	ng/ul# 87
90) Benzo(a)pyrene	23.44	252	199667	2.218	ng/ul# 89
91) Indeno(1,2,3-cd)pyrene	25.80	276	149684	1.369	ng/ul 99
93) Benzo(g,h,i)perylene	26.50	276	165241	1.866	ng/ul 97

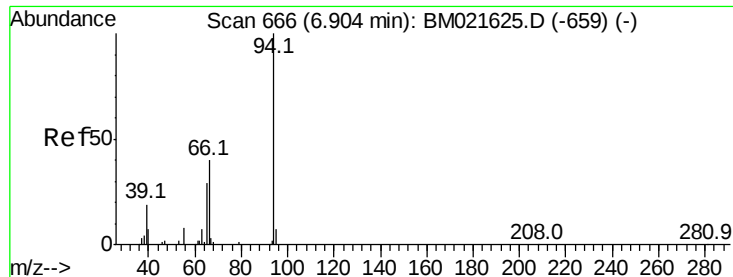
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
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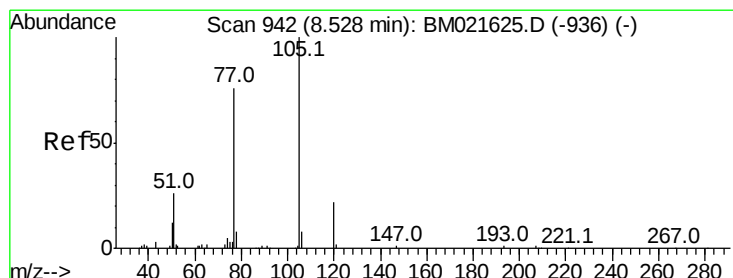
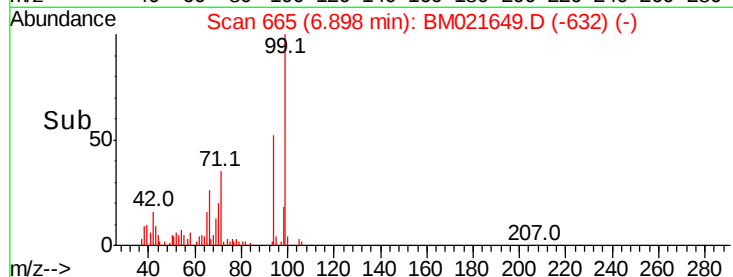
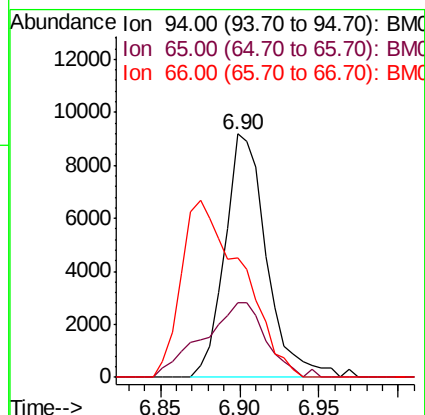
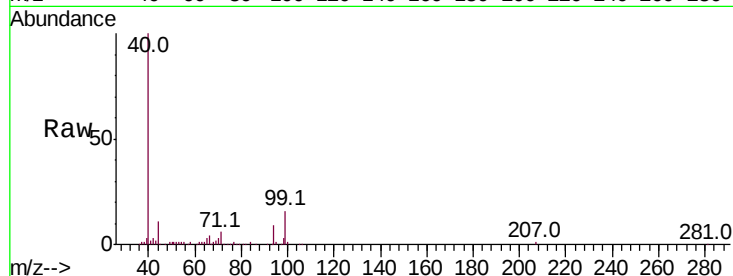
#6

Phenol

Concen: 1.283 ng/ul
 RT: 6.90 min Scan# 665
 Delta R.T. -0.01 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion: 94 Resp: 16736
 Ion Ratio Lower Upper
 94 100
 65 30.8 23.3 34.9
 66 49.2 33.2 49.8

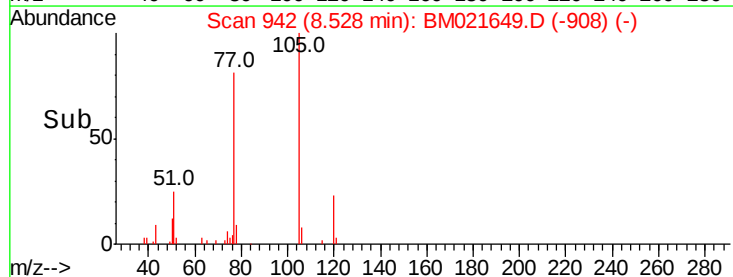
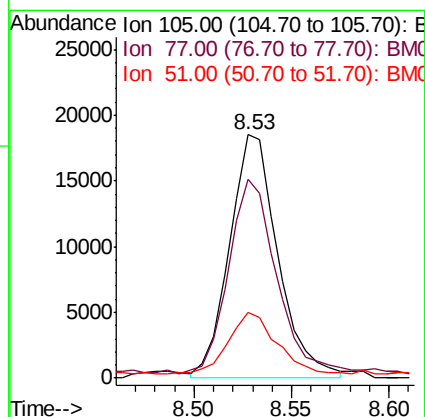
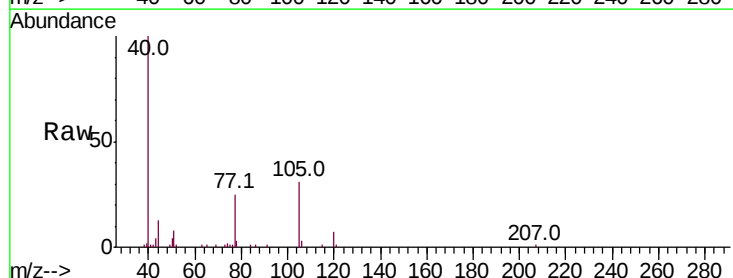


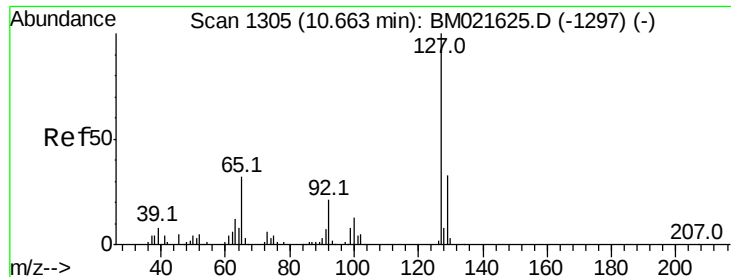
#14

Acetophenone

Concen: 1.835 ng/ul
 RT: 8.53 min Scan# 942
 Delta R.T. 0.00 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

Tgt Ion: 105 Resp: 31882
 Ion Ratio Lower Upper
 105 100
 77 81.5 66.3 99.5
 51 27.2 20.2 30.2

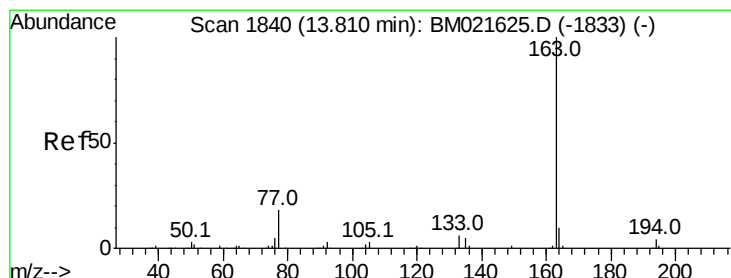
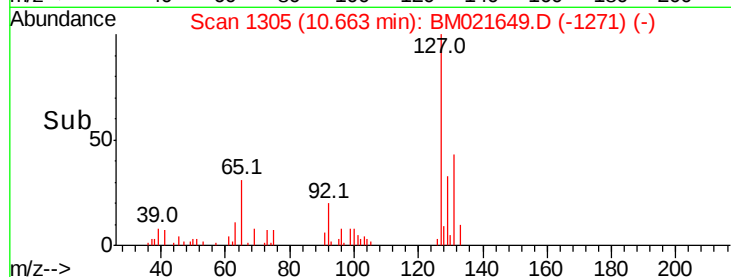
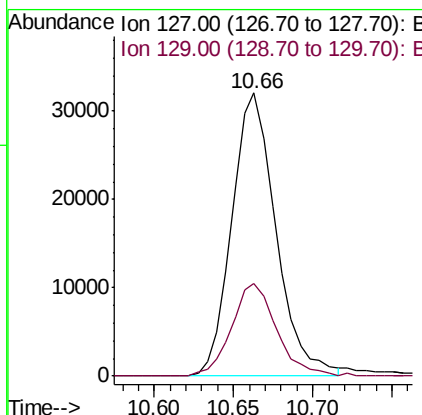
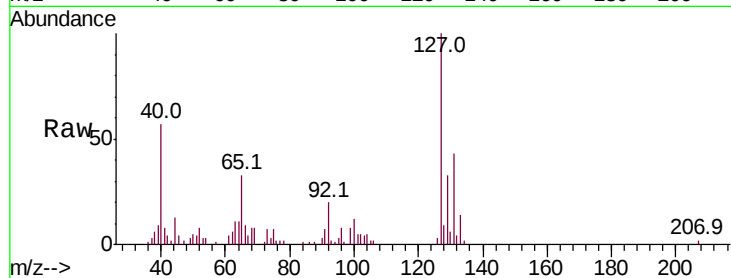




#30
4-Chloroaniline
Concen: 5.077 ng/ul
RT: 10.66 min Scan# 1305
Delta R.T. 0.00 min
Lab File: BM021649.D
Acq: 25 Jul 2019 22:53

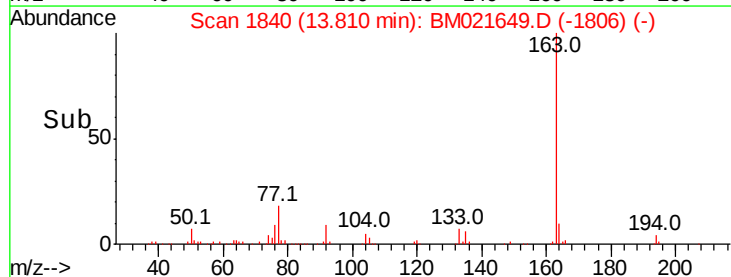
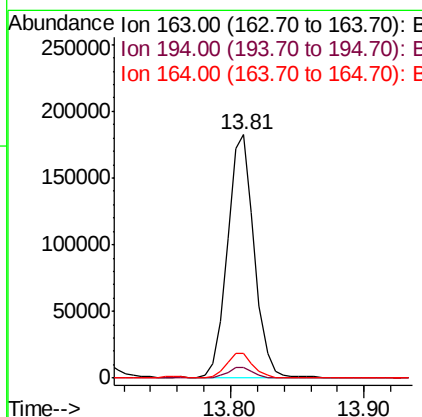
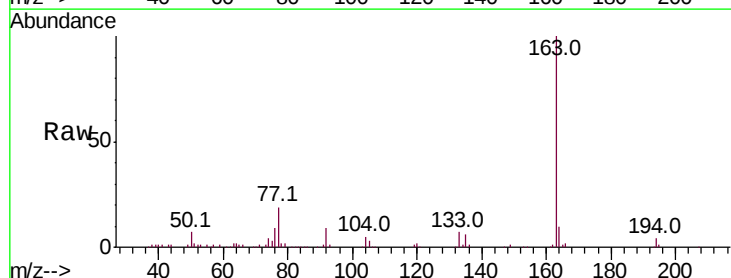
Instrument :
BNA_M
ClientSampleId :

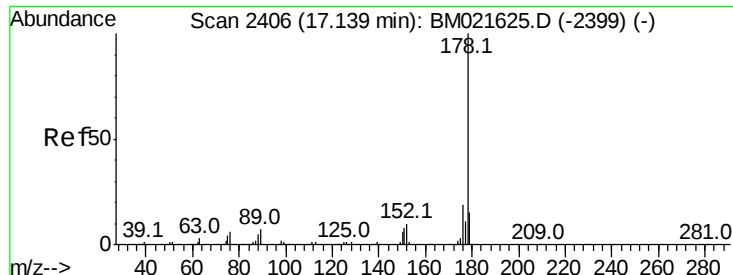
Tot Ion:127 Resp: 61917
Ion Ratio Lower Upper
127 100
129 32.9 26.6 39.8



#44
Dimethylphthalate
Concen: 6.038 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021649.D
Acq: 25 Jul 2019 22:53

Tgt Ion:163 Resp: 254167
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 9.9 8.2 12.4





#69

Phenanthrene

Concen: 2.141 ng/ul

RT: 17.14 min Scan# 2406

Delta R.T. 0.00 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

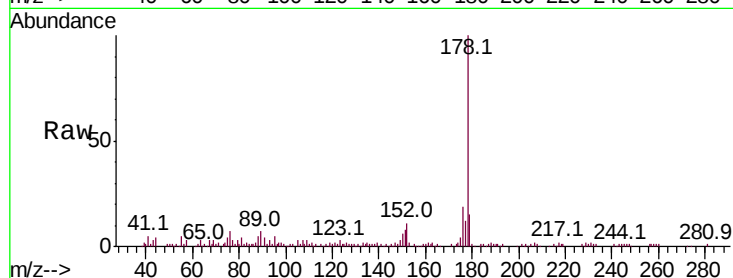
Instrument :

BNA_M

ClientSampleId :

Tot Ion:178 Resp: 142715

Ion	Ratio	Lower	Upper
178	100		
179	15.3	12.2	18.2
176	18.9	15.0	22.4

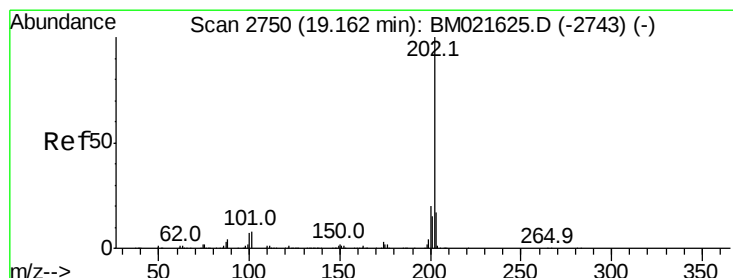
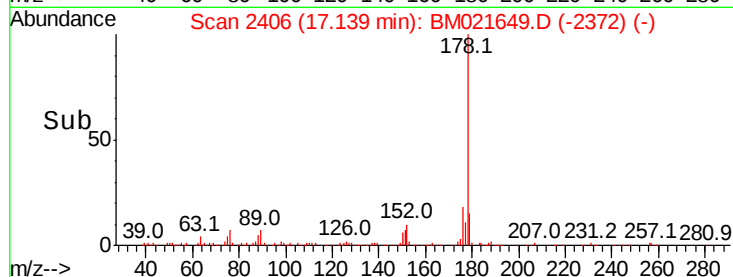
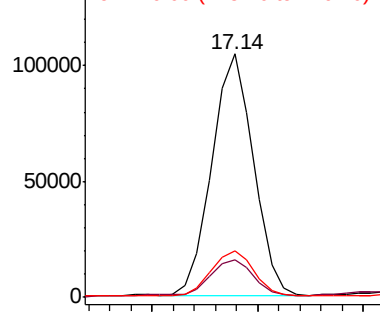


Abundance

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: 4.500 ng/ul

RT: 19.16 min Scan# 2749

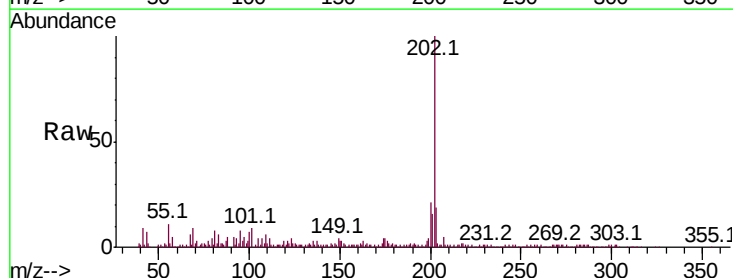
Delta R.T. -0.01 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

Tgt Ion:202 Resp: 371749

Ion	Ratio	Lower	Upper
202	100		
101	9.1	7.2	10.8
100	7.3	5.6	8.4

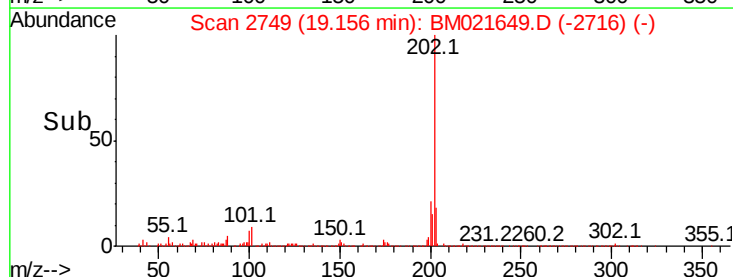
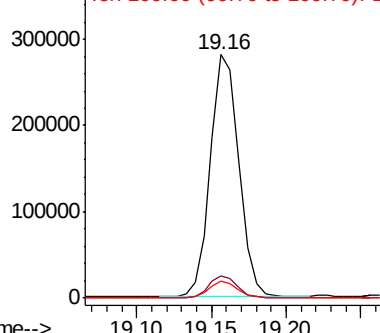


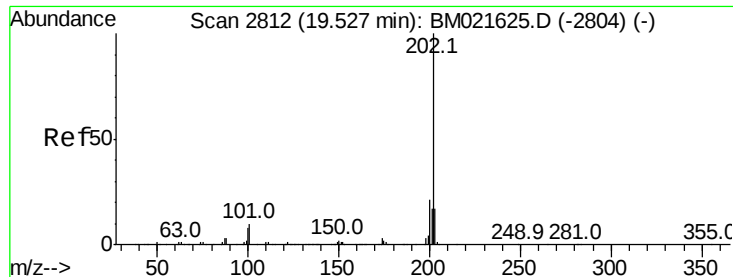
Abundance

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): E

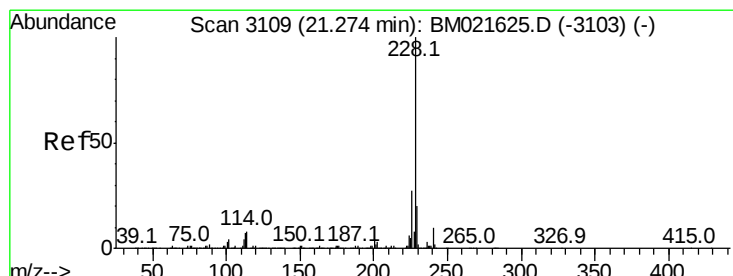
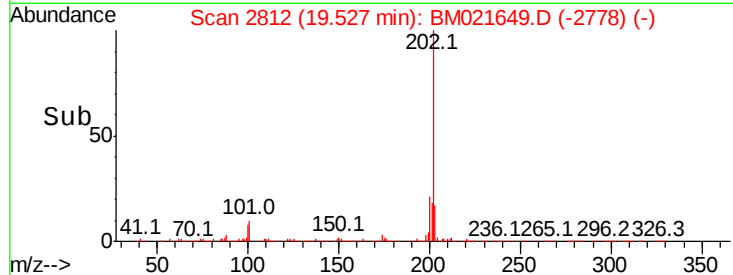
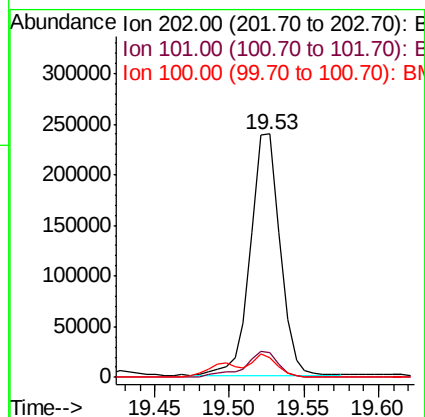
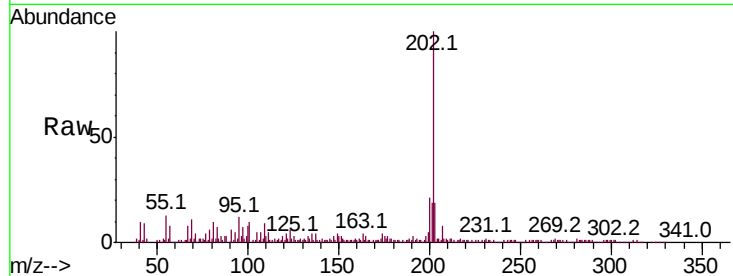




#79
 Pvrene
 Concen: 3.634 ng/ul
 RT: 19.53 min Scan# 2812
 Delta R.T. 0.00 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

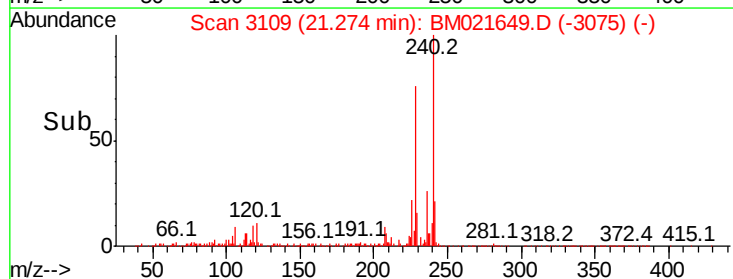
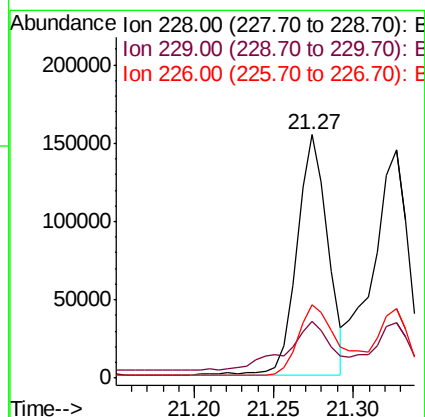
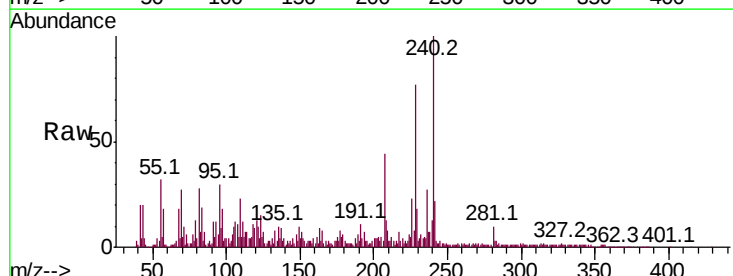
Instrument :
 BNA_M
 ClientSampleId :

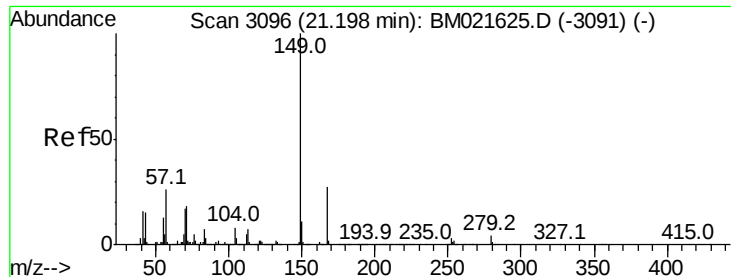
Tot Ion	Ratio	Lower	Upper
202	100		
101	10.2	8.6	13.0
100	8.0	7.1	10.7



#82
 Benzo(a)anthracene
 Concen: 2.060 ng/ul
 RT: 21.27 min Scan# 3109
 Delta R.T. 0.00 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

Tgt Ion	Ratio	Lower	Upper
228	100		
229	23.5	15.8	23.6
226	30.1	21.7	32.5

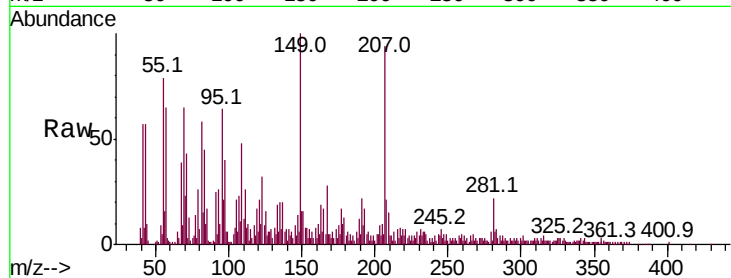




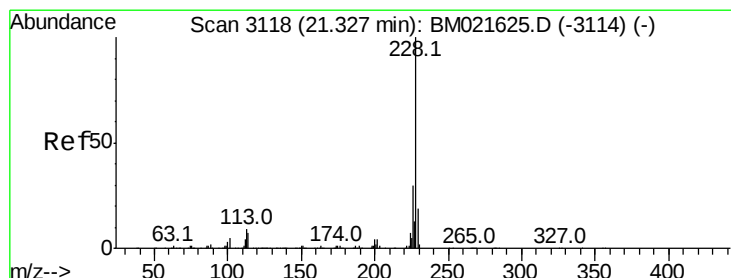
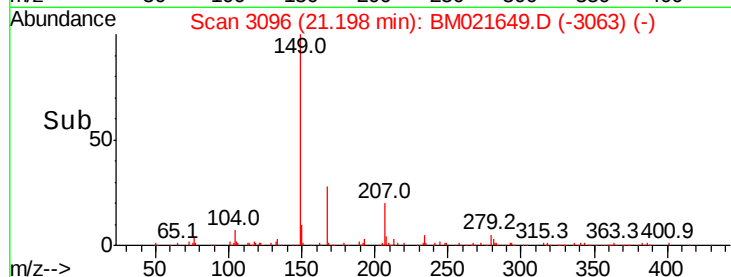
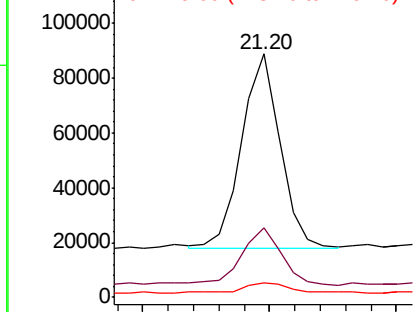
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 1.825 ng/ul
 RT: 21.20 min Scan# 3096
 Delta R.T. -0.01 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

Instrument :
 BNA_M
 ClientSampleId :

Tot Ion:149 Resp: 75468
 Ion Ratio Lower Upper
 149 100
 167 28.5 22.3 33.5
 279 6.2 4.2 6.4

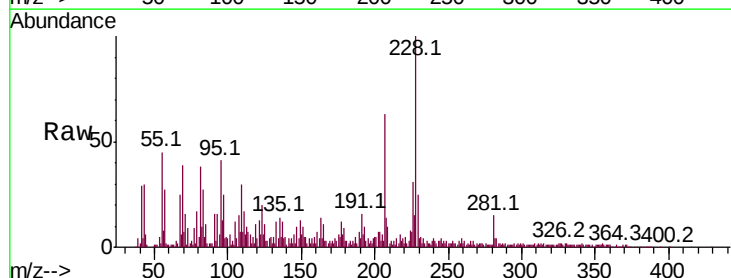


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E

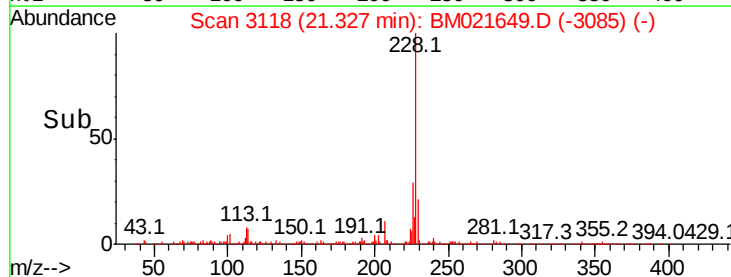
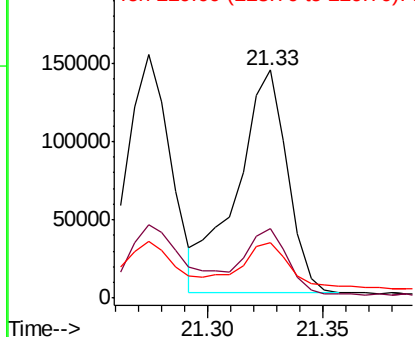


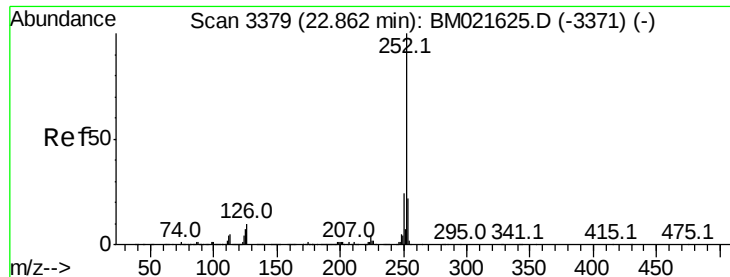
#84
 Chrysene
 Concen: 2.288 ng/ul
 RT: 21.33 min Scan# 3118
 Delta R.T. -0.01 min
 Lab File: BM021649.D
 Acq: 25 Jul 2019 22:53

Tgt Ion:228 Resp: 216366
 Ion Ratio Lower Upper
 228 100
 226 30.5 24.2 36.2
 229 24.5 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: 3.315 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.01 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

Instrument :

BNA_M

ClientSampleId :

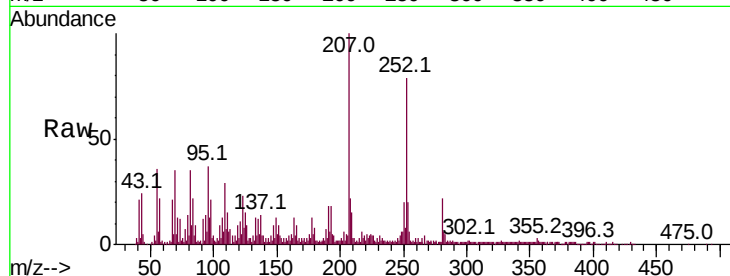
Tot Ion:252 Resp: 310787

Ion Ratio Lower Upper

252 100

253 24.9 17.6 26.4

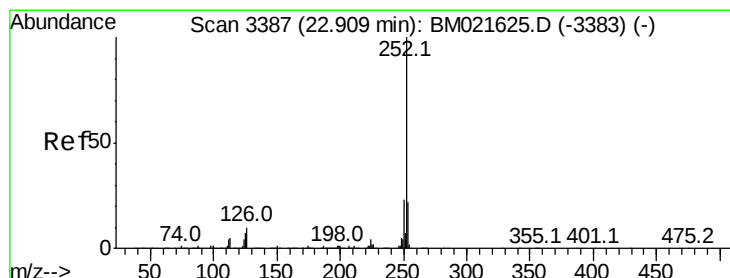
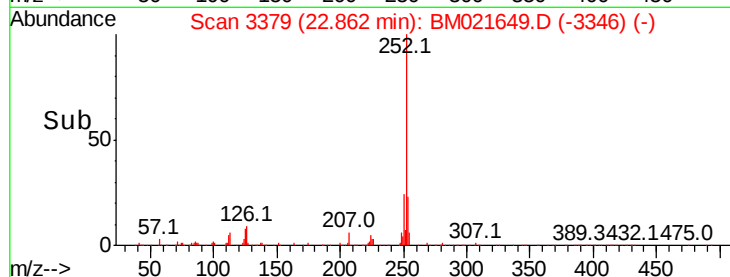
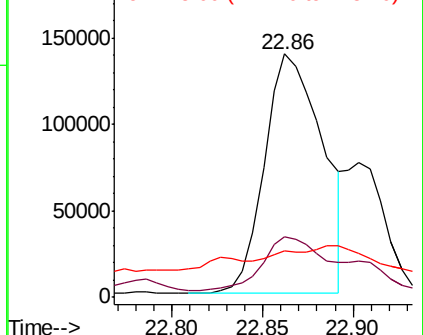
125 19.0 5.8 8.6#



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: 3.379 ng/ul

RT: 22.86 min Scan# 3379

Delta R.T. -0.05 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

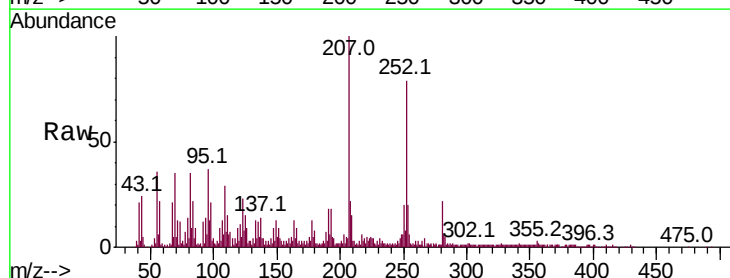
Tgt Ion:252 Resp: 310787

Ion Ratio Lower Upper

252 100

253 24.9 17.7 26.5

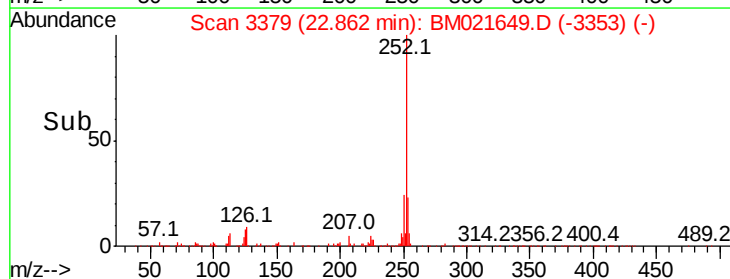
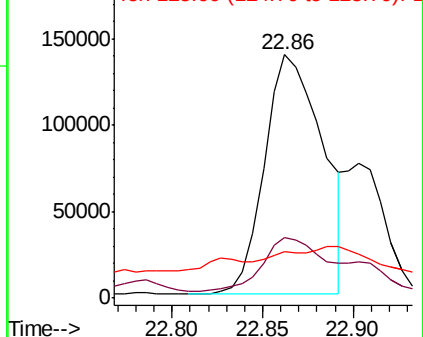
125 19.0 6.4 9.6#

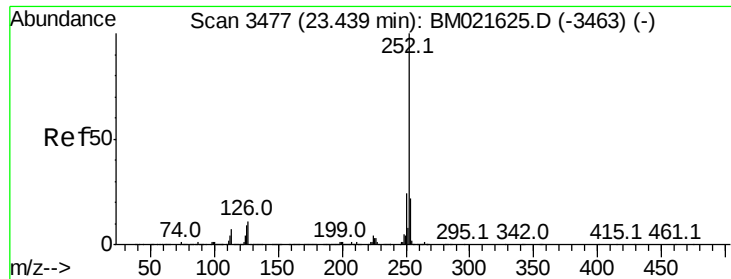


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 2.218 ng/ul

RT: 23.44 min Scan# 3478

Delta R.T. 0.00 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

Instrument :

BNA_M

ClientSampled :

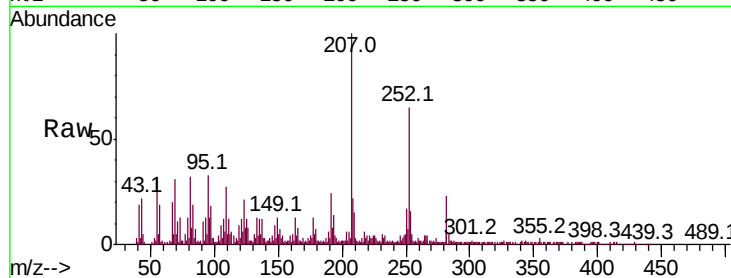
Tot Ion:252 Resp: 199667

Ion Ratio Lower Upper

252 100

253 24.4 17.8 26.6

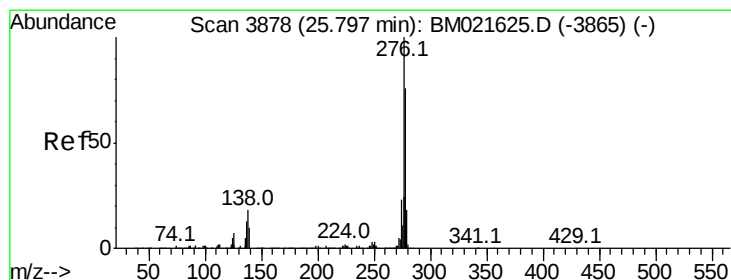
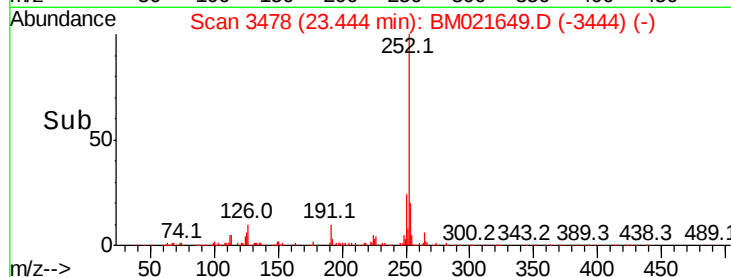
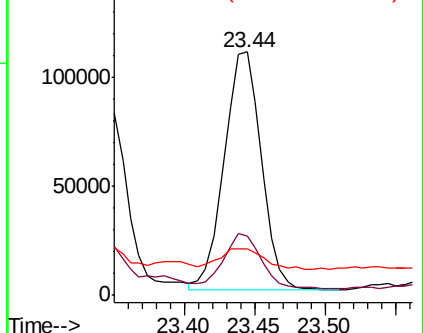
125 19.0 7.0 10.4#



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: 1.369 ng/ul

RT: 25.80 min Scan# 3878

Delta R.T. -0.01 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

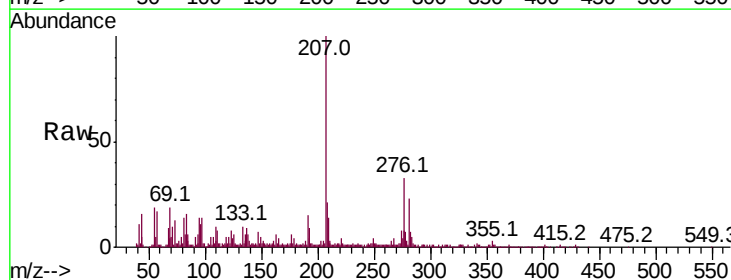
Tgt Ion:276 Resp: 149684

Ion Ratio Lower Upper

276 100

138 19.5 15.2 22.8

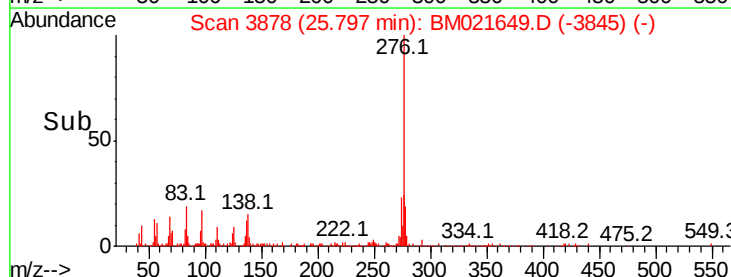
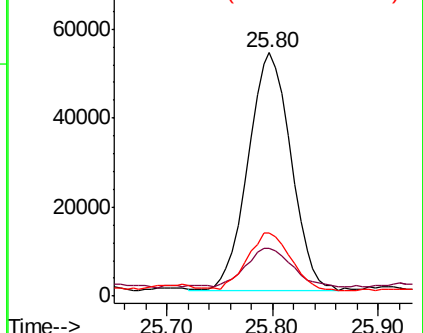
277 25.8 20.2 30.2

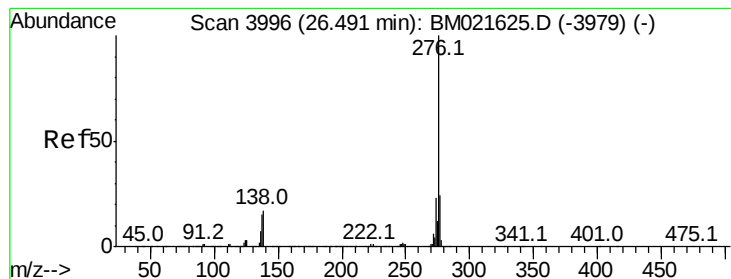


Abundance Ion 276.00 (275.70 to 276.70): E

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: 1.866 ng/ul

RT: 26.50 min Scan# 3997

Delta R.T. 0.01 min

Lab File: BM021649.D

Acq: 25 Jul 2019 22:53

Instrument :

BNA_M

ClientSampleId :

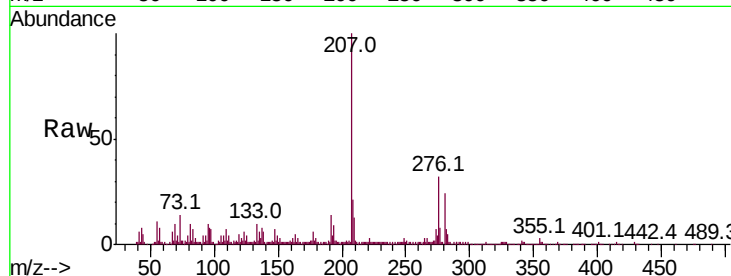
Tot Ion:276 Resp: 165241

Ion Ratio Lower Upper

276 100

138 18.8 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

