

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM072519\
 Data File : BM021650.D
 Acq On : 25 Jul 2019 23:29
 Operator : HP/JU
 Sample : K3850-14
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Jul 26 01:10:05 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	118697	20.00	ng/ul	0.00
18) Naphthalene-d8	10.48	136	545435	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.35	164	404336	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.10	188	990943	20.00	ng/ul	0.00
77) Chrysene-d12	21.29	240	1250817	20.00	ng/ul	0.00
85) Perylene-d12	23.53	264	1431623	20.00	ng/ul	-0.01

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.25	96	5180	2.38	ng/uL	0.00
5) Phenol-d5	6.88	99	128216	12.74	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.05	67	77966	13.35	ng/ul	0.00
9) 2-Chlorophenol-d4	7.23	132	109897	13.92	ng/ul	0.00
13) 4-Methylphenol-d8	8.40	113	94701	11.01	ng/ul	0.00
19) Nitrobenzene-d5	8.86	128	58885	14.59	ng/ul	0.00
22) 2-Nitrophenol-d4	9.58	143	64740	14.95	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.11	165	135826	14.06	ng/ul	0.00
29) 4-Chloroaniline-d4	10.64	131	135139	14.42	ng/ul	0.00
43) Dimethylphthalate-d6	13.76	166	478669	13.82	ng/ul	0.00
46) Acenaphthylene-d8	14.03	160	577647	13.71	ng/ul	0.00
51) 4-Nitrophenol-d4	14.59	143	24267	4.08	ng/ul	0.02
57) Fluorene-d10	15.34	176	469240	15.01	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.49	200	13287	2.14	ng/ul	0.00
70) Anthracene-d10	17.20	188	816672	16.75	ng/ul	0.00
78) Pyrene-d10	19.49	212	1087214	17.81	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.39	264	1326516	17.35	ng/ul	0.00

Target Compounds

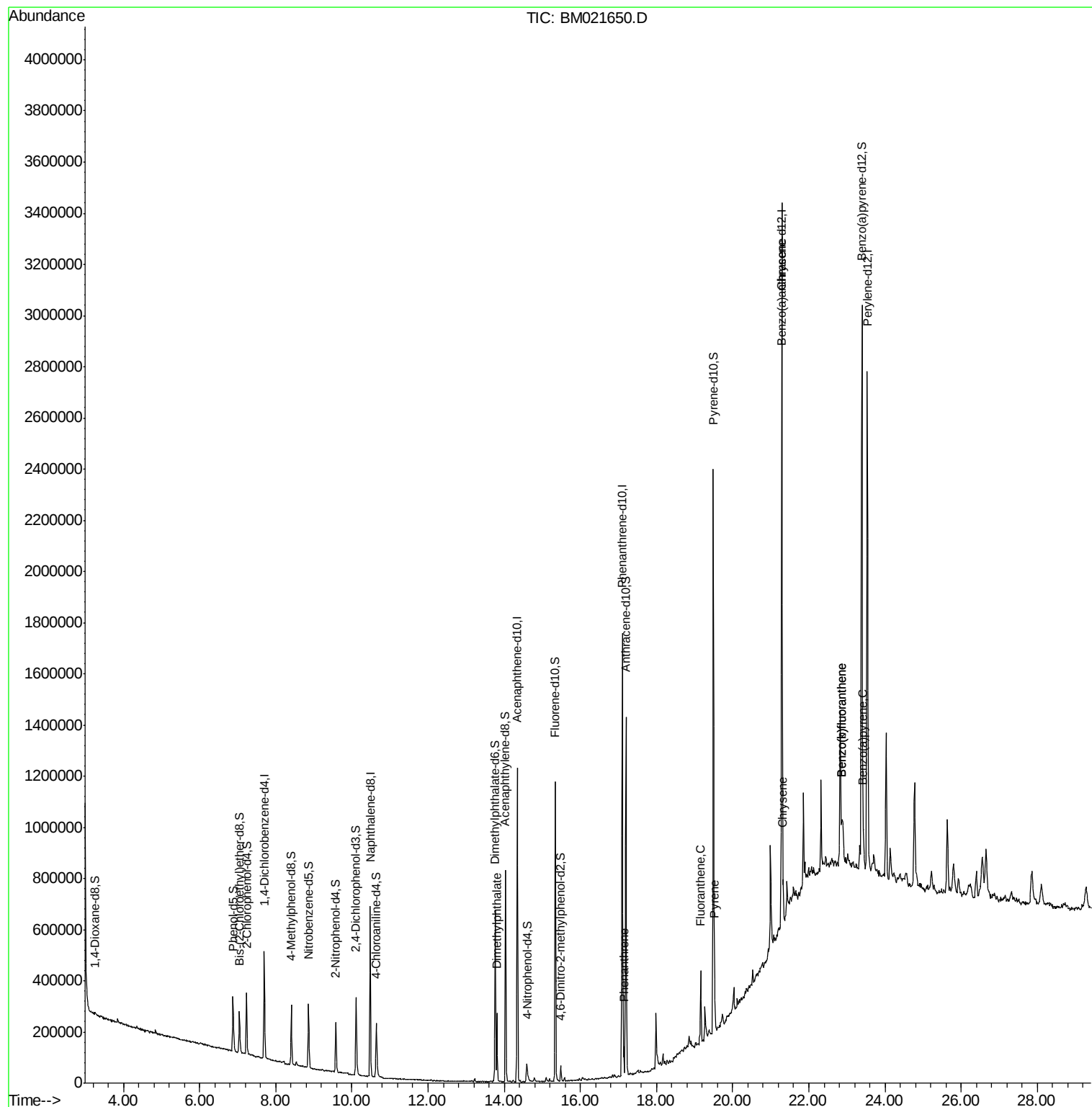
					Ovalue
44) Dimethylphthalate	13.81	163	179606	5.400	ng/ul 99
69) Phenanthrene	17.14	178	61371	1.135	ng/ul 99
76) Fluoranthene	19.16	202	164197	2.450	ng/ul 98
79) Pyrene	19.52	202	138610	1.860	ng/ul 99
82) Benzo(a)anthracene	21.27	228	93090	1.135	ng/ul 94
84) Chrysene	21.32	228	96621	1.236	ng/ul 96
87) Benzo(b)fluoranthene	22.86	252	146269	1.690	ng/ul# 93
88) Benzo(k)fluoranthene	22.86	252	146269	1.723	ng/ul# 94
90) Benzo(a)pyrene	23.43	252	94426	1.136	ng/ul# 91

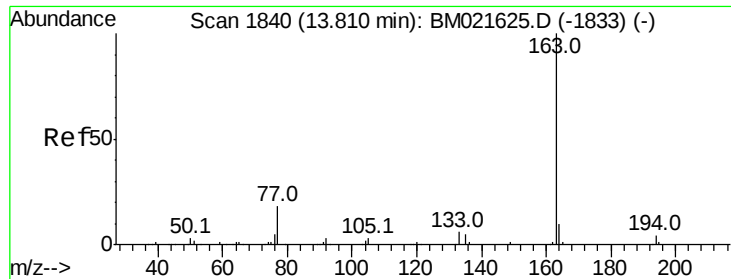
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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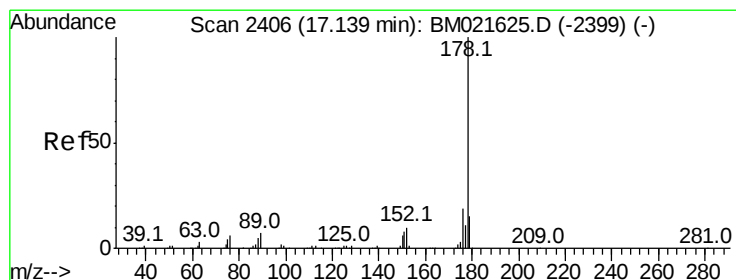
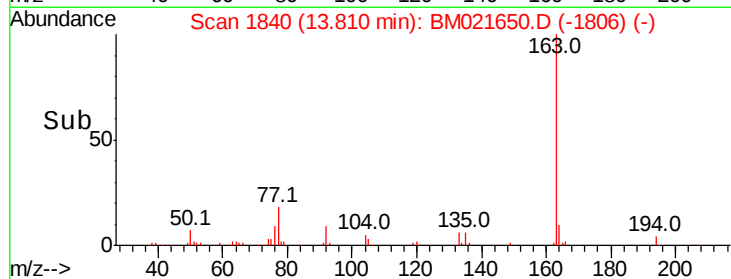
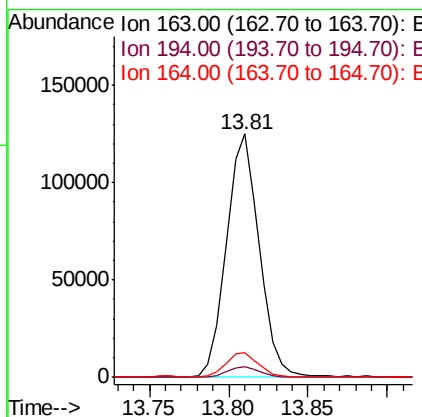
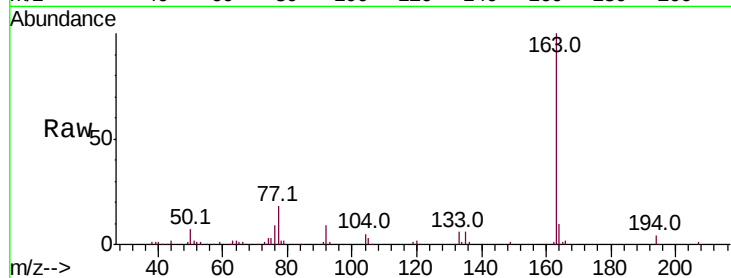




#44
Dimethylphthalate
Concen: 5.400 ng/ul
RT: 13.81 min Scan# 1840
Delta R.T. 0.00 min
Lab File: BM021650.D
Acq: 25 Jul 2019 23:29

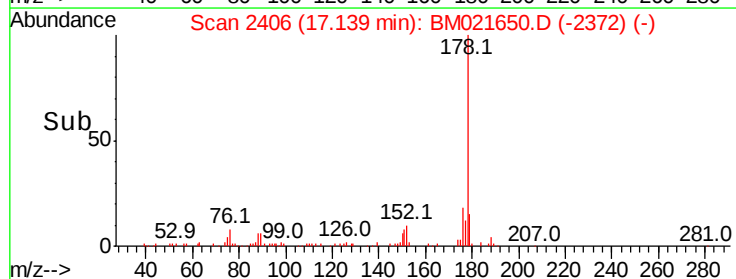
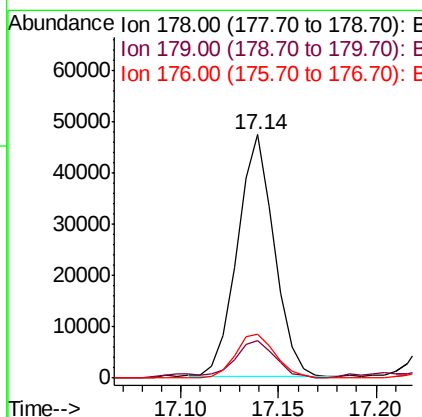
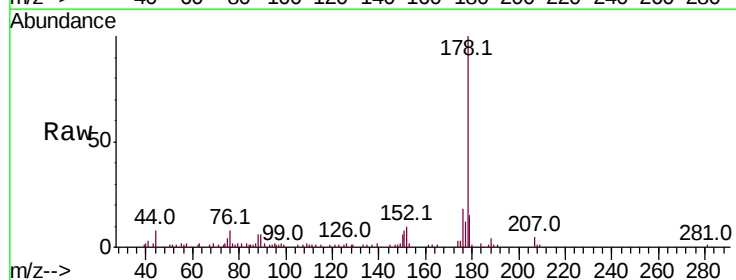
Instrument :
BNA_M
ClientSampleId :

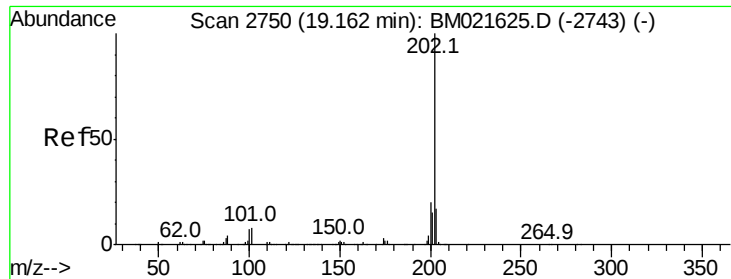
Tot Ion:163 Resp: 179606
Ion Ratio Lower Upper
163 100
194 4.1 3.2 4.8
164 10.1 8.2 12.4



#69
Phenanthrene
Concen: 1.135 ng/ul
RT: 17.14 min Scan# 2406
Delta R.T. 0.00 min
Lab File: BM021650.D
Acq: 25 Jul 2019 23:29

Tgt Ion:178 Resp: 61371
Ion Ratio Lower Upper
178 100
179 15.2 12.2 18.2
176 18.0 15.0 22.4

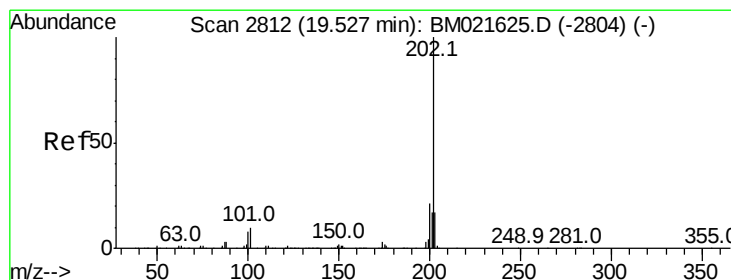
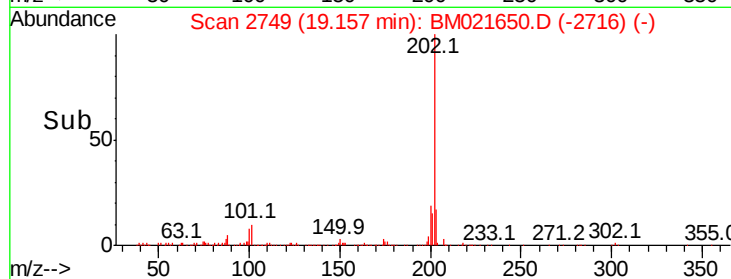
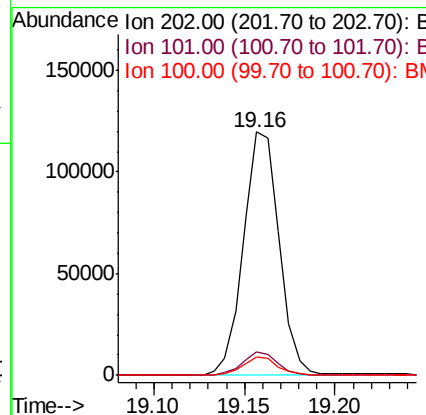
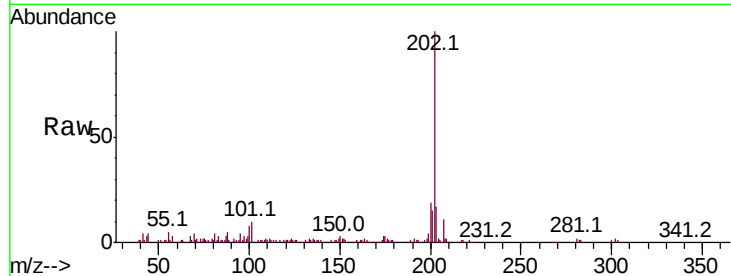




#76
 Fluoranthene
 Concen: 2.450 ng/ul
 RT: 19.16 min Scan# 2749
 Delta R.T. -0.01 min
 Lab File: BM021650.D
 Acq: 25 Jul 2019 23:29

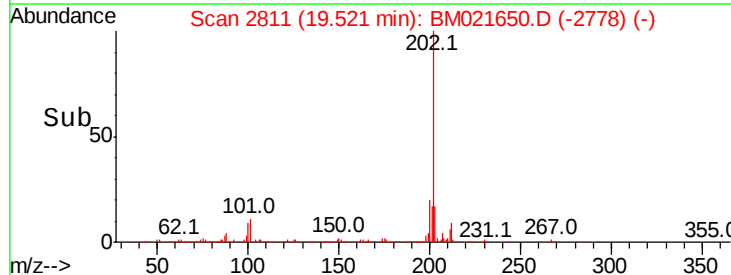
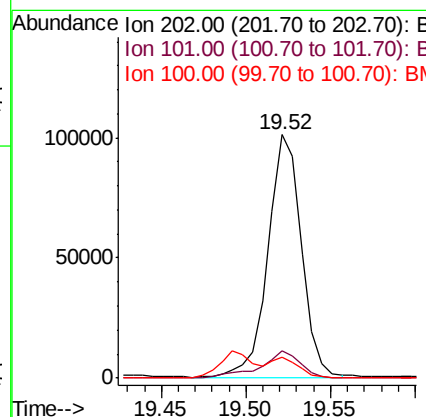
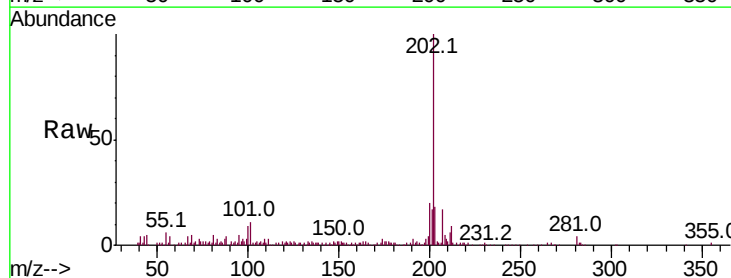
Instrument :
 BNA_M
 ClientSampleId :

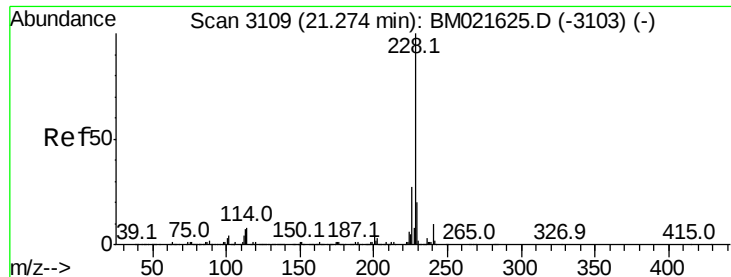
Tot Ion	Ratio	Lower	Upper
202	100		
101	9.7	7.2	10.8
100	7.6	5.6	8.4



#79
 Pyrene
 Concen: 1.860 ng/ul
 RT: 19.52 min Scan# 2811
 Delta R.T. -0.01 min
 Lab File: BM021650.D
 Acq: 25 Jul 2019 23:29

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





#82

Benzo(a)anthracene

Concen: 1.135 ng/ul

RT: 21.27 min Scan# 3109

Delta R.T. 0.00 min

Lab File: BM021650.D

Acq: 25 Jul 2019 23:29

Instrument :

BNA_M

ClientSampleId :

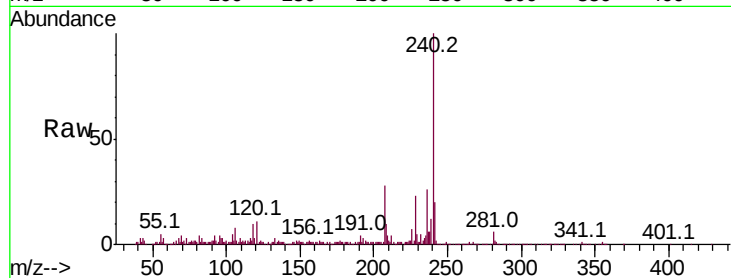
Tot Ion:228 Resp: 93090

Ion Ratio Lower Upper

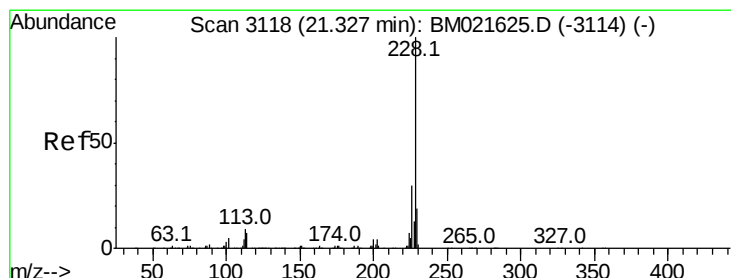
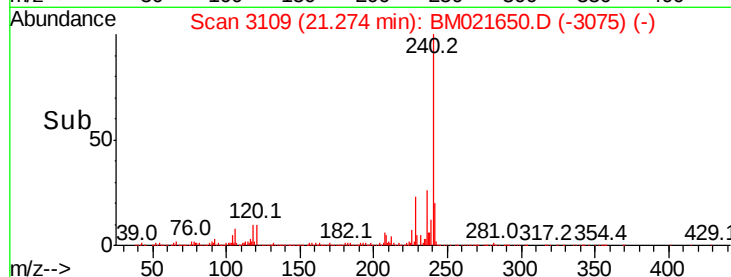
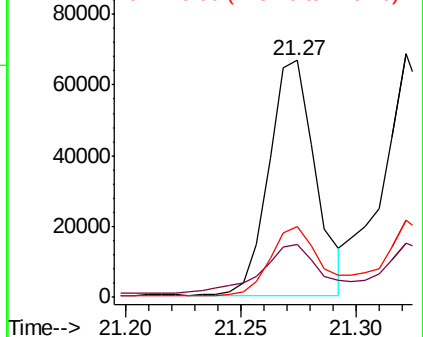
228 100

229 22.5 15.8 23.6

226 29.8 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: 1.236 ng/ul

RT: 21.32 min Scan# 3117

Delta R.T. -0.01 min

Lab File: BM021650.D

Acq: 25 Jul 2019 23:29

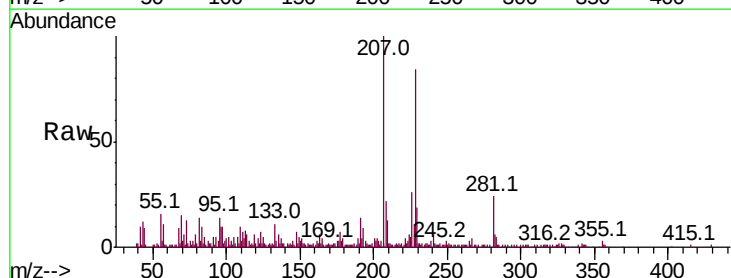
Tgt Ion:228 Resp: 96621

Ion Ratio Lower Upper

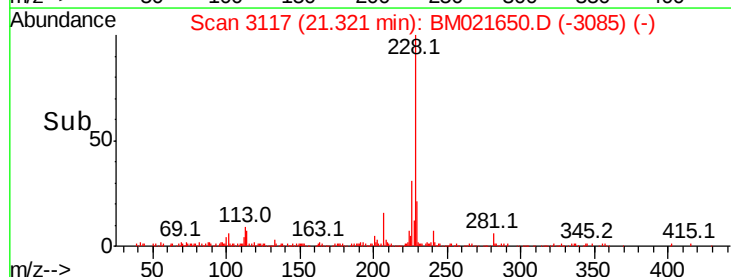
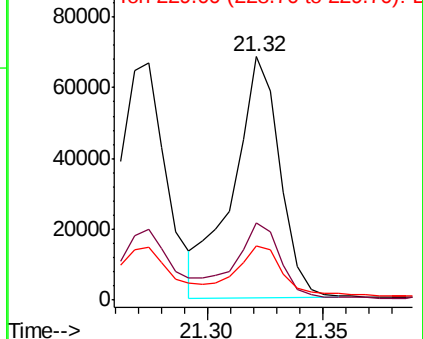
228 100

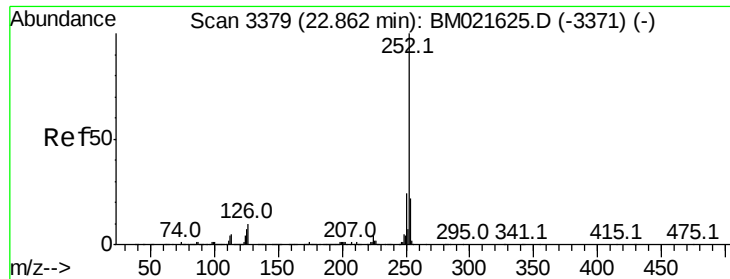
226 31.7 24.2 36.2

229 22.2 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: 1.690 ng/ul

RT: 22.86 min Scan# 3378

Delta R.T. -0.01 min

Lab File: BM021650.D

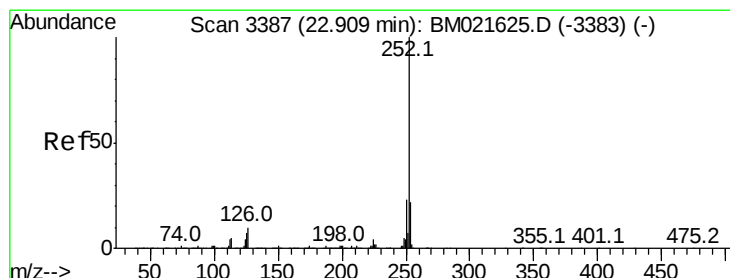
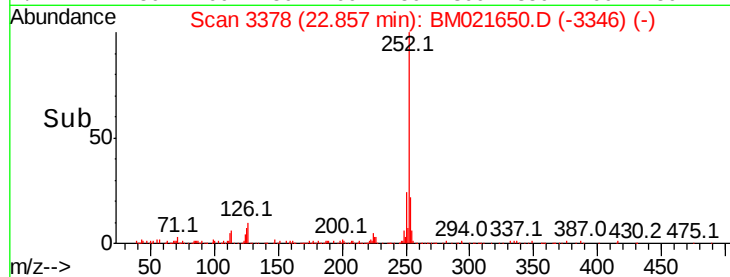
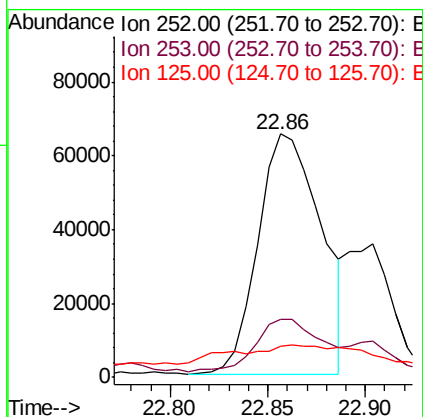
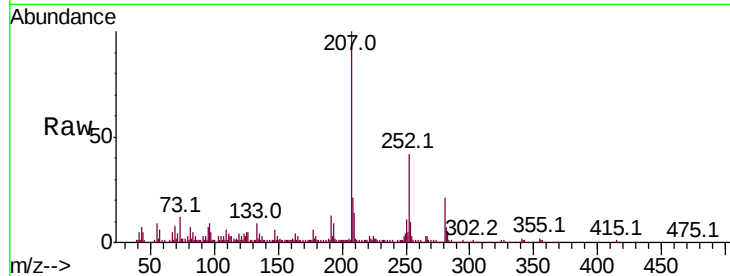
Acq: 25 Jul 2019 23:29

Instrument :

BNA_M

ClientSampled :

Tot Ion:252	Resp:	146269
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.6 26.4
125	12.7	5.8 8.6#



#88

Benzo(k)fluoranthene

Concen: 1.723 ng/ul

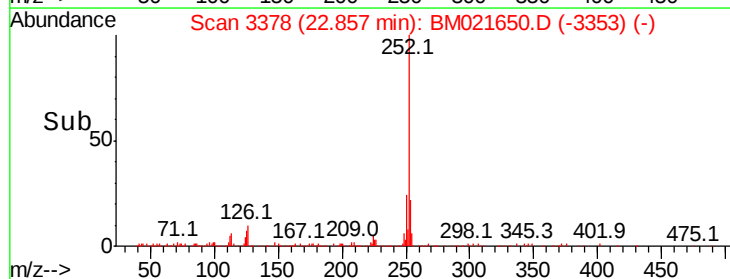
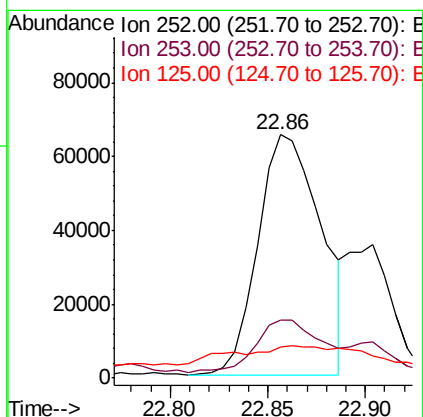
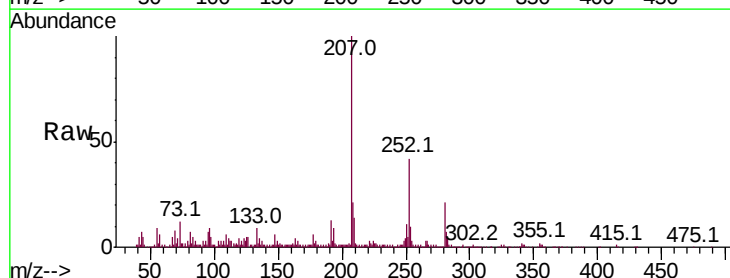
RT: 22.86 min Scan# 3378

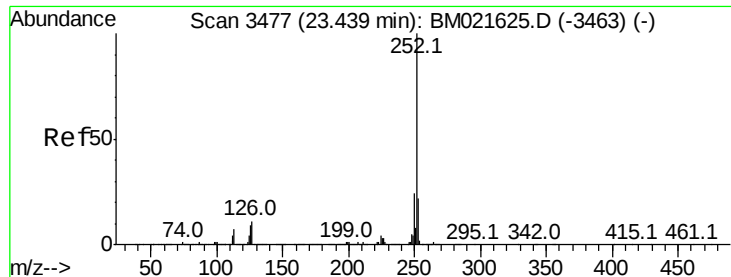
Delta R.T. -0.05 min

Lab File: BM021650.D

Acq: 25 Jul 2019 23:29

Tgt Ion:252	Resp:	146269
Ion Ratio	Lower	Upper
252	100	
253	23.7	17.7 26.5
125	12.7	6.4 9.6#





#90

Benzo(a)pyrene

Concen: 1.136 ng/ul

RT: 23.43 min Scan# 3476

Delta R.T. -0.01 min

Lab File: BM021650.D

Acq: 25 Jul 2019 23:29

Instrument :

BNA_M

ClientSampleId :

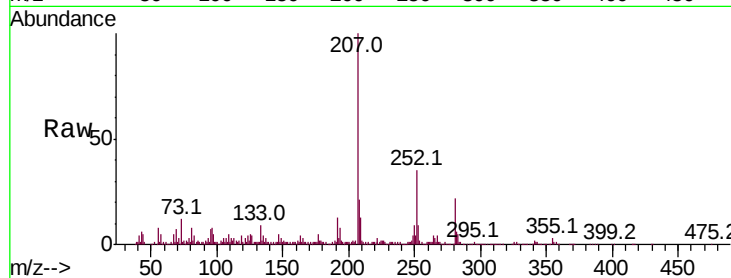
Tot Ion:252 Resp: 94426

Ion Ratio Lower Upper

252 100

253 24.5 17.8 26.6

125 15.7 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

