

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM091319\
 Data File : BM022678.D
 Acq On : 13 Sep 2019 15:58
 Operator : HP/JU
 Sample : K4706-07DL2 50X
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :

Quant Time: Sep 14 00:42:18 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM090519MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Sep 09 07:45:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.84	152	197849	20.00	ng/ul	-0.02
18) Naphthalene-d8	10.63	136	862901	20.00	ng/ul	-0.02
36) Acenaphthene-d10	14.47	164	554072	20.00	ng/ul	-0.02
62) Phenanthrene-d10	17.21	188	1195441	20.00	ng/ul	-0.01
78) Chrysene-d12	21.39	240	1184854	20.00	ng/ul	-0.01
86) Perylene-d12	23.66	264	1229741	20.00	ng/ul	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
3) 1,4-Dioxane-d8	0.00	96	0	0.00	ng/uL	
5) Phenol-d5	7.00	99	2221	0.12	ng/ul	-0.01
7) Bis-(2-Chloroethyl)ether-d	7.17	67	6255	0.60	ng/ul	0.00
9) 2-Chlorophenol-d4	7.37	132	5869	0.41	ng/ul	-0.01
13) 4-Methylphenol-d8	8.54	113	3585	0.24	ng/ul	-0.02
19) Nitrobenzene-d5	8.99	128	3580	0.58	ng/ul	-0.01
22) 2-Nitrophenol-d4	9.71	143	2424	0.42	ng/ul	-0.02
26) 2,4-Dichlorophenol-d3	10.25	165	5433	0.37	ng/ul	-0.02
29) 4-Chloroaniline-d4	10.78	131	273	0.01	ng/ul	0.00
44) Dimethylphthalate-d6	13.88	166	26844	0.60	ng/ul	-0.01
47) Acenaphthylene-d8	14.16	160	26640	0.50	ng/ul	-0.02
52) 4-Nitrophenol-d4	14.65	143	498	0.06	ng/ul	-0.01
58) Fluorene-d10	15.46	176	24733	0.66	ng/ul	-0.01
63) 4,6-Dinitro-2-methylphenol	15.57	200	1332	0.25	ng/ul	-0.02
71) Anthracene-d10	17.30	188	37969	0.62	ng/ul	-0.02
79) Pyrene-d10	19.60	212	39384	0.60	ng/ul	-0.01
90) Benzo(a)pyrene-d12	23.51	264	32694	0.49	ng/ul	-0.02

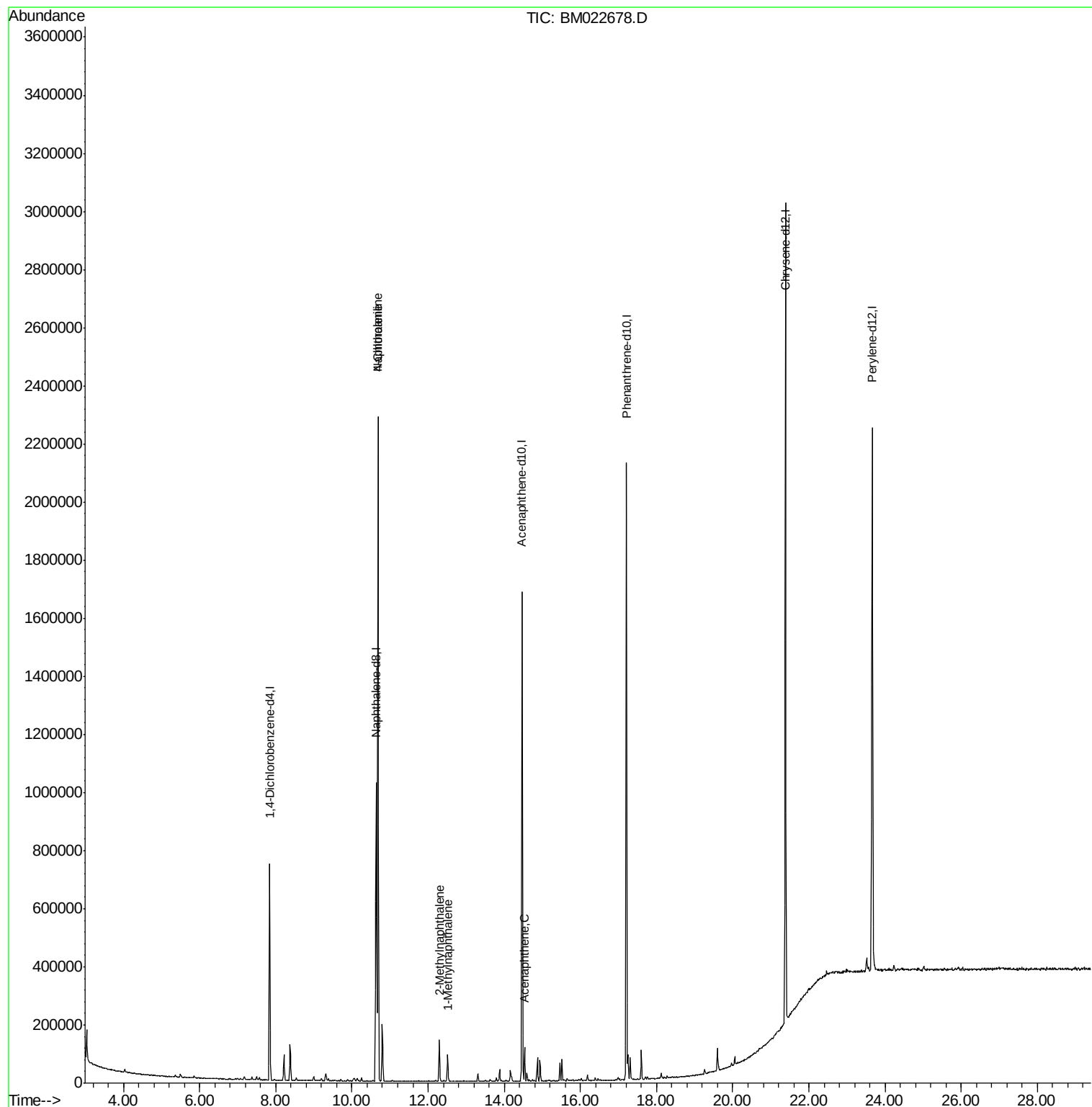
Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
28) Naphthalene	10.68	128	1918128	40.093	ng/ul	99
30) 4-Chloroaniline	10.68	127	246505	12.464	ng/ul#	1
34) 2-Methylnaphthalene	12.29	142	67772	1.880	ng/ul	98
35) 1-Methylnaphthalene	12.52	142	43835	1.273	ng/ul	100
50) Acenaphthene	14.53	153	45528	1.178	ng/ul	97

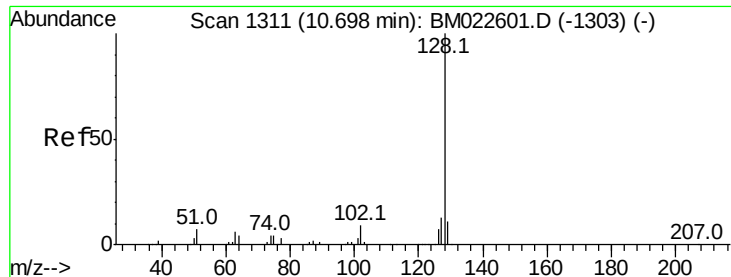
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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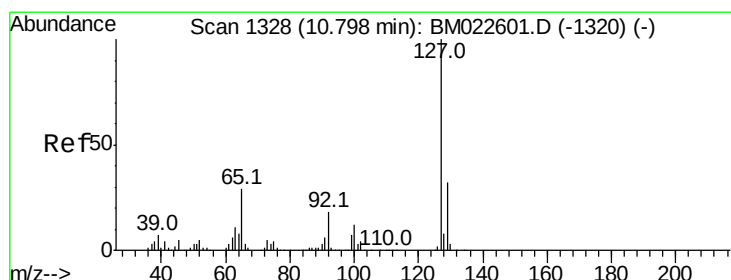
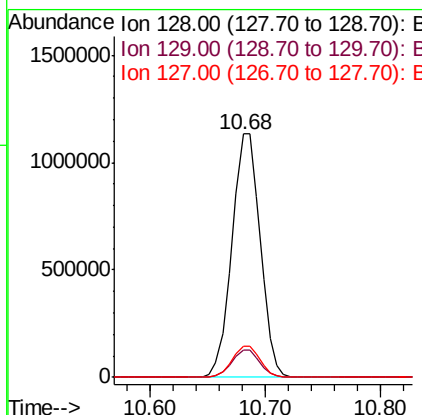
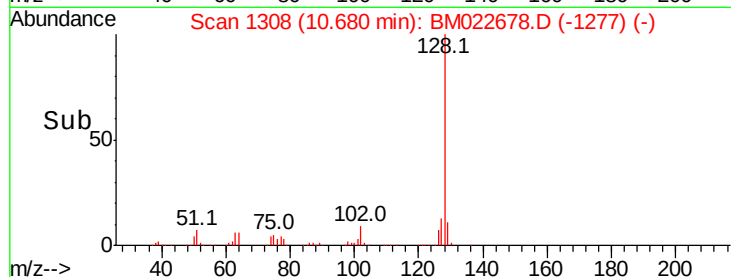
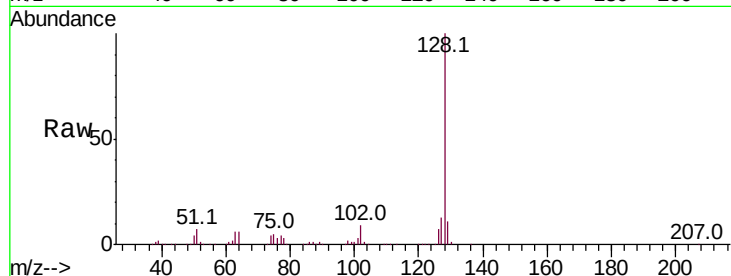




#28
Naphthalene
Concen: 40.093 ng/ul
RT: 10.68 min Scan# 1308
Delta R.T. -0.02 min
Lab File: BM022678.D
Acq: 13 Sep 2019 15:58

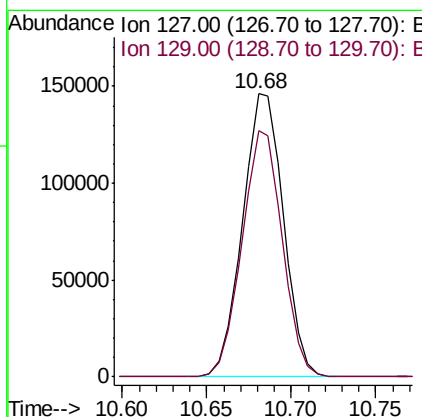
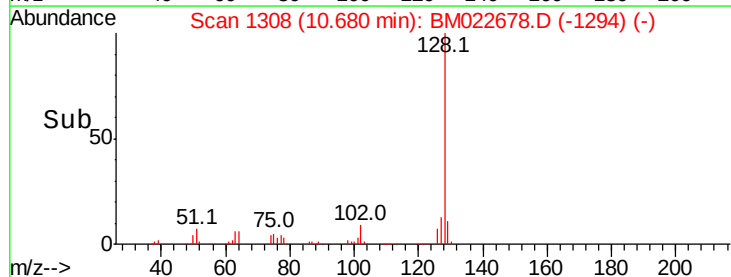
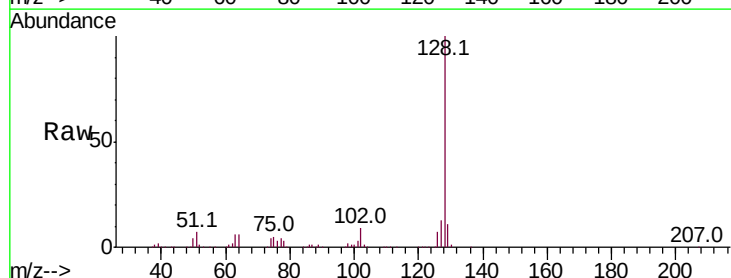
Instrument :
BNA_M
ClientSampleId :

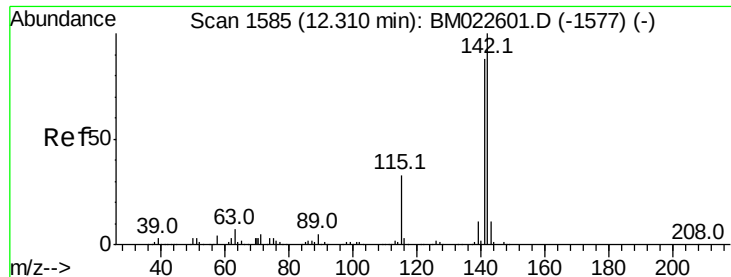
Tot Ion:128 Resp: 1918128
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 12.9 10.6 16.0



#30
4-Chloroaniline
Concen: 12.464 ng/ul
RT: 10.68 min Scan# 1308
Delta R.T. -0.12 min
Lab File: BM022678.D
Acq: 13 Sep 2019 15:58

Tgt Ion:127 Resp: 246505
Ion Ratio Lower Upper
127 100
129 87.2 25.4 38.2#

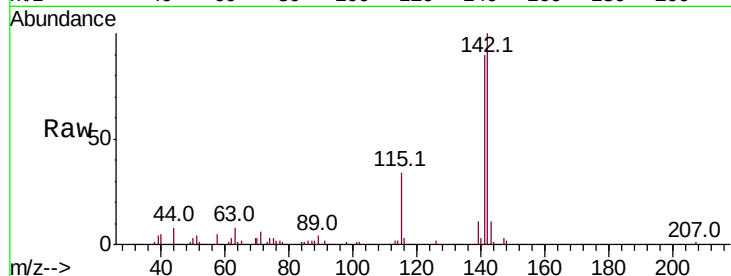




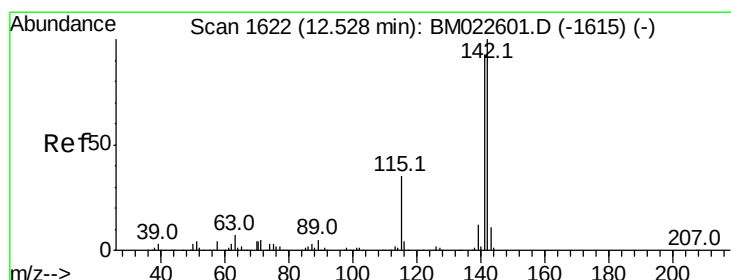
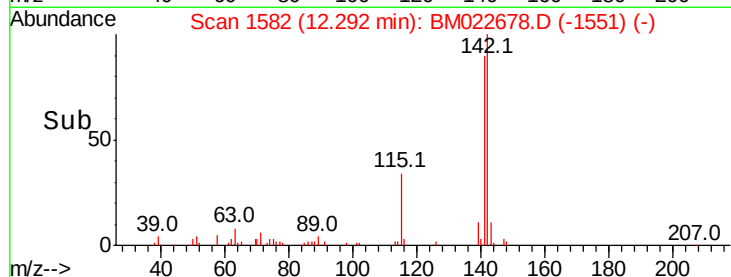
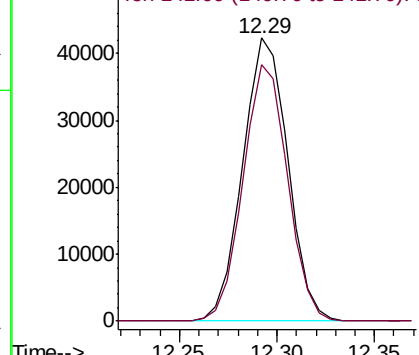
#34
2-Methylnaphthalene
Concen: 1.880 ng/ul
RT: 12.29 min Scan# 1582
Delta R.T. -0.02 min
Lab File: BM022678.D
Acq: 13 Sep 2019 15:58

Instrument :
BNA_M
ClientSampled :

Tot Ion:142 Resp: 67772
Ion Ratio Lower Upper
142 100
141 90.4 71.0 106.4

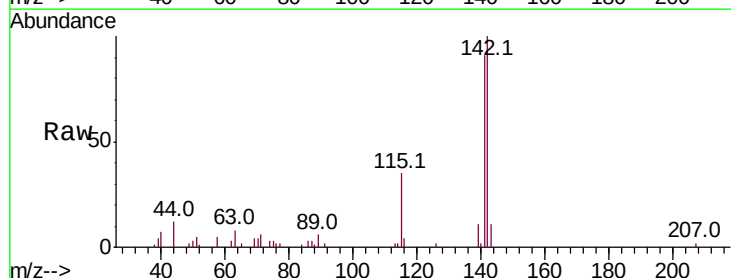


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E

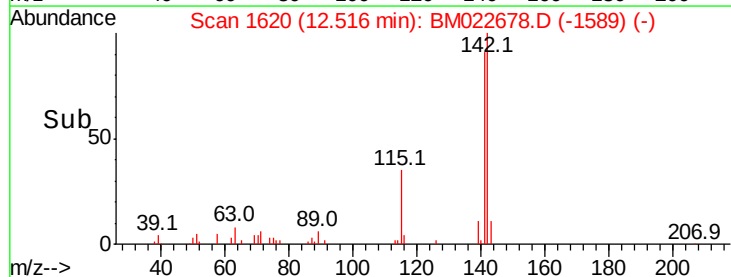
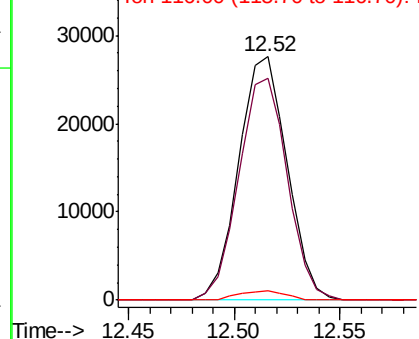


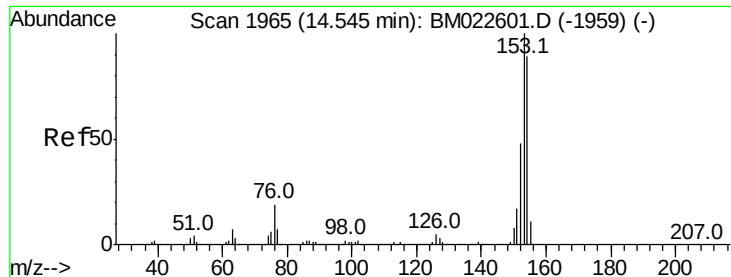
#35
1-Methylnaphthalene
Concen: 1.273 ng/ul
RT: 12.52 min Scan# 1620
Delta R.T. -0.02 min
Lab File: BM022678.D
Acq: 13 Sep 2019 15:58

Tgt Ion:142 Resp: 43835
Ion Ratio Lower Upper
142 100
141 91.0 72.6 108.8
116 3.9 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#50

Acenaphthene

Concen: 1.178 ng/ul

RT: 14.53 min Scan# 1963

Delta R.T. -0.02 min

Lab File: BM022678.D

Acq: 13 Sep 2019 15:58

Instrument :

BNA_M

ClientSampleId :

Tot Ion:153 Resp: 45528

Ion Ratio Lower Upper

153 100

152 47.8 37.5 56.3

154 85.2 71.4 107.0

