Quantitation Report (QT/LSC Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052220\
Data File : BM026079.D
Acq On : 22 May 2020 14:14
Operator : MA/SJ
Sample : L2725-11DL2 250X
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B22DL2

Quant Time: May 22 14:54:42 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	118010	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	465270	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	263136	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.89	188	566485	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	579007	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	597109	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	0.00	96	0d	0.00	ng/uL	
5) Phenol-d5	6.69	99	173	0.02	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.85	67	735	0.10	ng/ul	0.01
9) 2-Chlorophenol-d4	7.03	132	921	0.11	ng/ul	0.00
13) 4-Methylphenol-d8	8.22	113	181	0.02	ng/ul	0.01
19) Nitrobenzene-d5	8.65	128	393	0.10	ng/ul	0.02
22) 2-Nitrophenol-d4	9.36	143	336	0.09	ng/ul	0.01
26) 2,4-Dichlorophenol-d3	9.90	165	659	0.09	ng/ul	0.01
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	3557	0.17	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	3755	0.15	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.14	176	3005	0.16	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	0.00	200	0	0.00	ng/ul	
71) Anthracene-d10	0.00	188	0d	0.00	ng/ul	
79) Pyrene-d10	19.29	212	4957	0.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	4996	0.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.30	128	1112027	39.090	ng/ul	99
50) Acenaphthene	14.20	153	26753	1.382	ng/ul	92
75) Carbazole	17.29	167	40364	1.363	ng/ul	96

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

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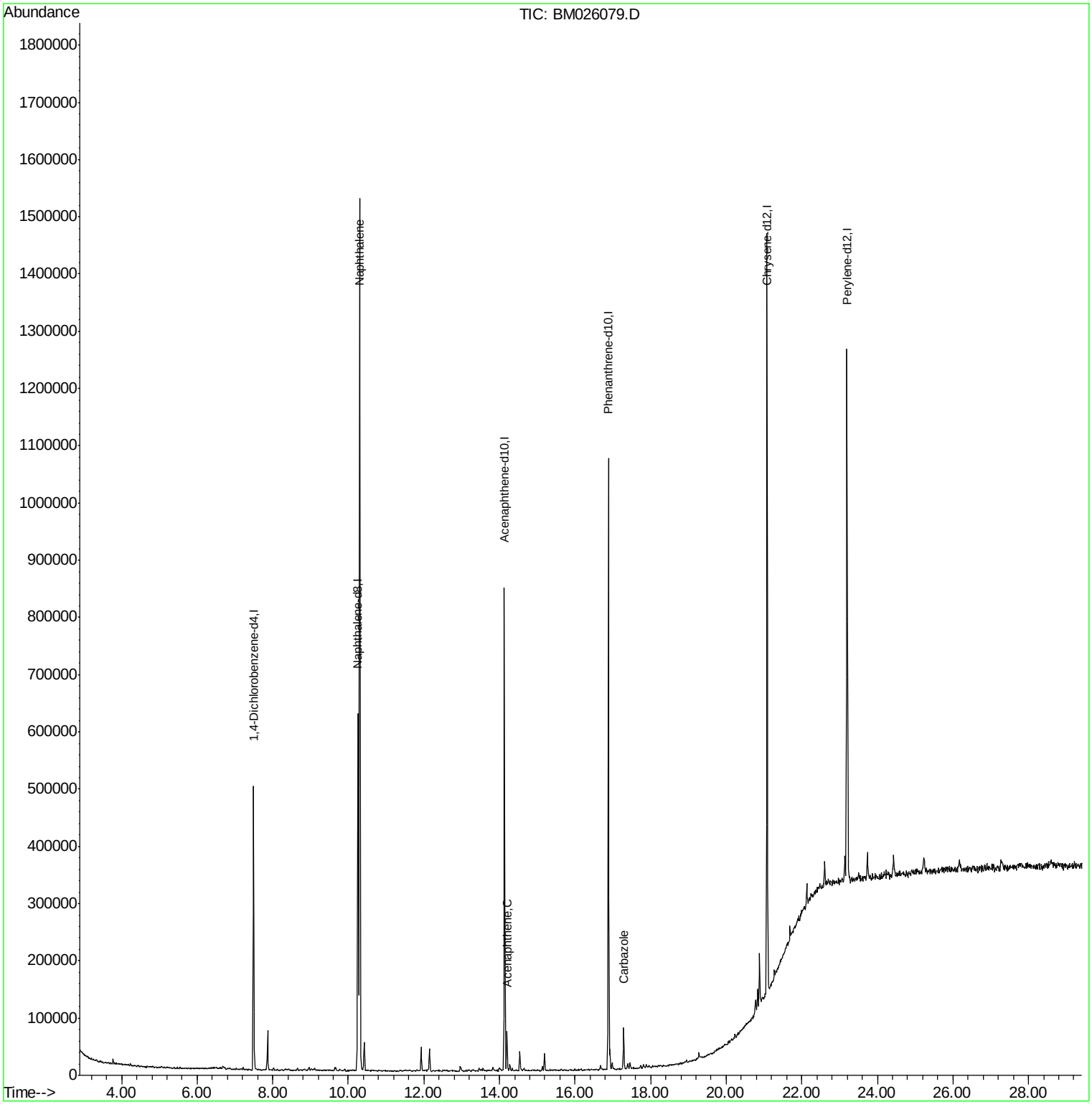
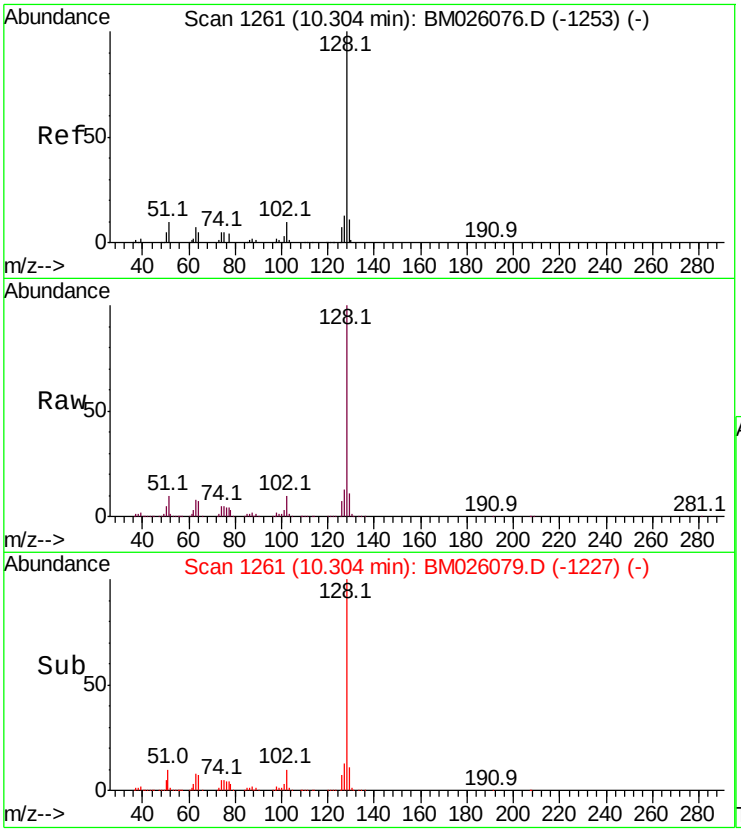
QLast Update : Fri May 22 13:18:41 2020
Response via : Initial Calibration



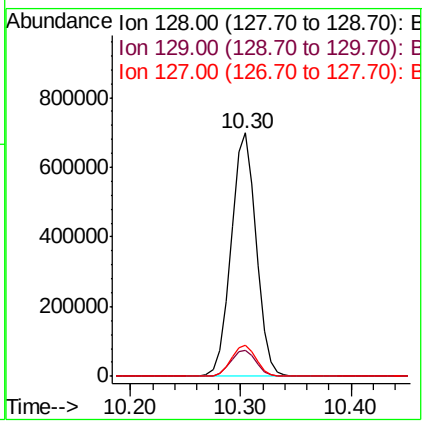


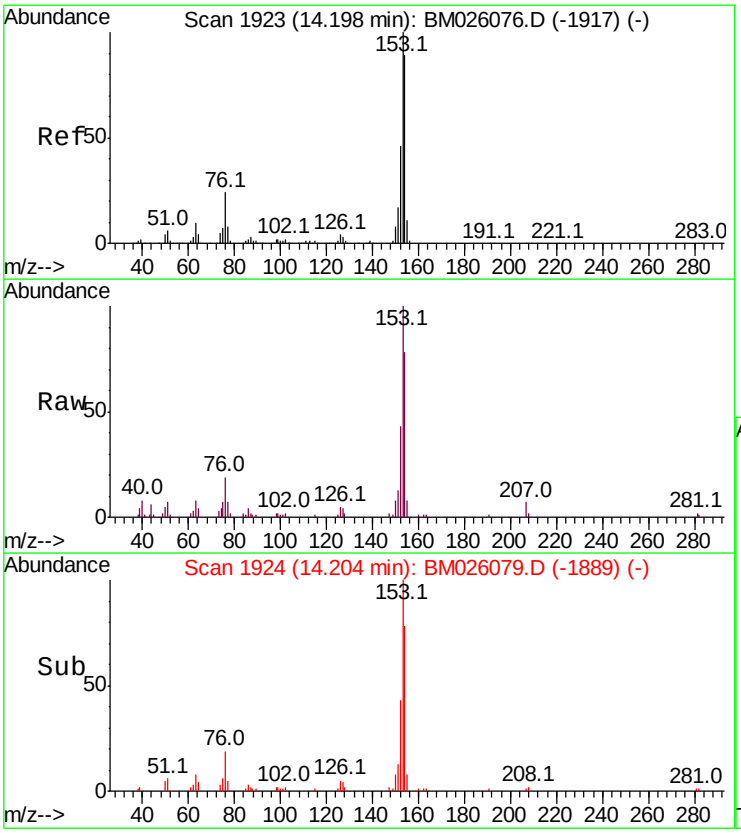
#28
Naphthalene
Concen: 39.090 ng/ul
RT: 10.30 min Scan# 1261
Delta R.T. -0.00 min
Lab File: BM026079.D
Acq: 22 May 2020 14:14

Instrument :
BNA_M
ClientSampleId :
F9B22DL2

Tgt Ion:128 Resp: 1112027

Ion	Ratio	Lower	Upper
128	100		
129	10.7	9.0	13.4
127	12.8	10.6	15.8

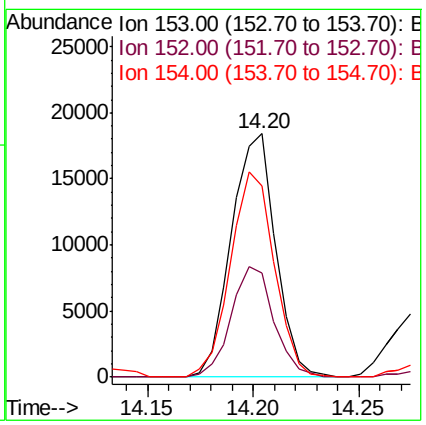


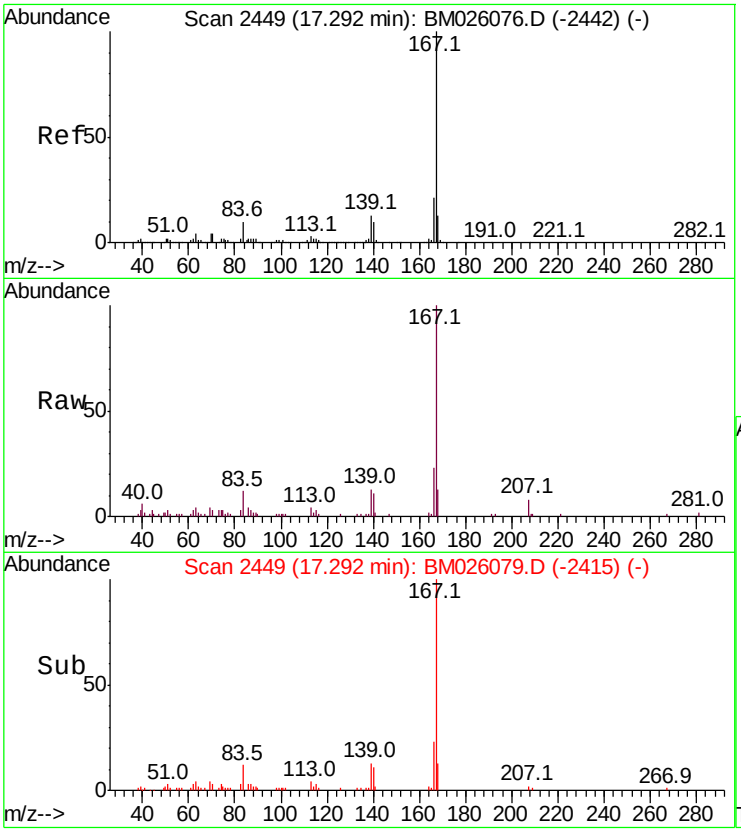


#50
Acenaphthene
Concen: 1.382 ng/ul
RT: 14.20 min Scan# 1924
Delta R.T. 0.01 min
Lab File: BM026079.D
Acq: 22 May 2020 14:14

Tgt Ion:153 Resp: 26753

Ion	Ratio	Lower	Upper
153	100		
152	42.7	37.2	55.8
154	78.3	69.8	104.8





#75
Carbazole
Concen: 1.363 ng/ul
RT: 17.29 min Scan# 2449
Delta R.T. -0.00 min
Lab File: BM026079.D
Acq: 22 May 2020 14:14

Instrument :
BNA_M
ClientSampleId :
F9B22DL2

Tgt Ion:167 Resp: 40364

Ion	Ratio	Lower	Upper
167	100		
166	22.9	16.6	25.0
139	12.7	10.8	16.2