Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM052720\
Data File : BM026142.D
Acq On : 27 May 2020 13:02
Operator : MA/SJ
Sample : L2737-17DL2 250X
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : F9B26DL2

Quant Time: May 27 13:36:45 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed May 27 10:30:40 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.48	152	124160	20.00	ng/ul	0.00
18) Naphthalene-d8	10.25	136	507184	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	287449	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.87	188	623249	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	653033	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	687995	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	0.00	99	0d	0.00	ng/ul	
7) Bis-(2-Chloroethyl)ether-d	0.00	67	0d	0.00	ng/ul	
9) 2-Chlorophenol-d4	0.00	132	0d	0.00	ng/ul	
13) 4-Methylphenol-d8	0.00	113	0d	0.00	ng/ul	
19) Nitrobenzene-d5	0.00	128	0d	0.00	ng/ul	
22) 2-Nitrophenol-d4	0.00	143	0d	0.00	ng/ul	
26) 2,4-Dichlorophenol-d3	0.00	165	0d	0.00	ng/ul	
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	3190	0.14	ng/ul	0.01
47) Acenaphthylene-d8	13.81	160	3351	0.12	ng/ul	0.00
52) 4-Nitrophenol-d4	0.00	143	0	0.00	ng/ul	
58) Fluorene-d10	15.13	176	3135	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	19.28	212	5760	0.17	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.06	264	5683	0.16	ng/ul	0.00
Target Compounds						Qvalue
28) Naphthalene	10.29	128	824763	26.596	ng/ul	100
34) 2-Methylnaphthalene	11.92	142	37586	1.802	ng/ul	89
50) Acenaphthene	14.19	153	36926	1.746	ng/ul	99
75) Carbazole	17.29	167	34070	1.046	ng/ul	96

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

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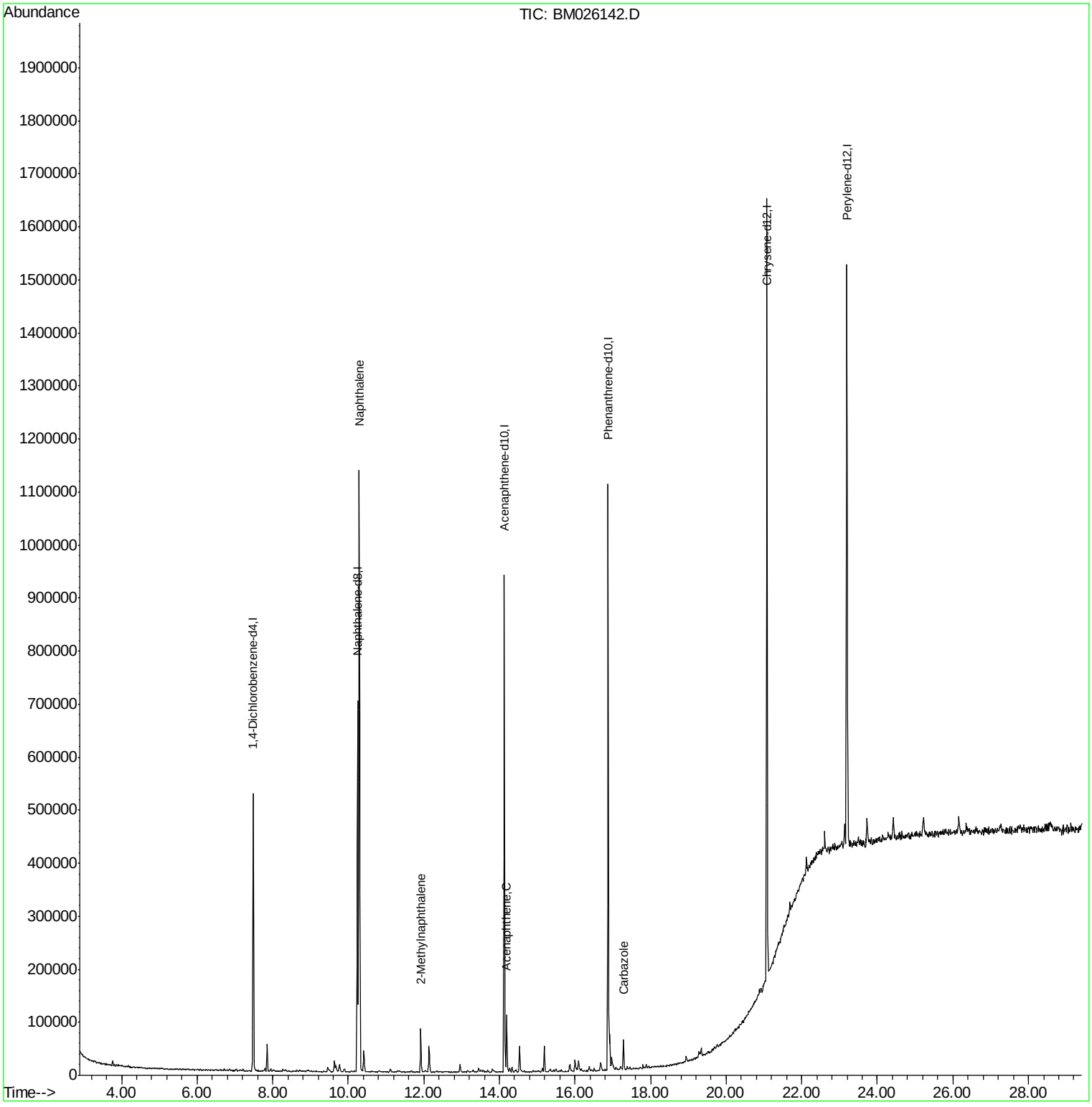
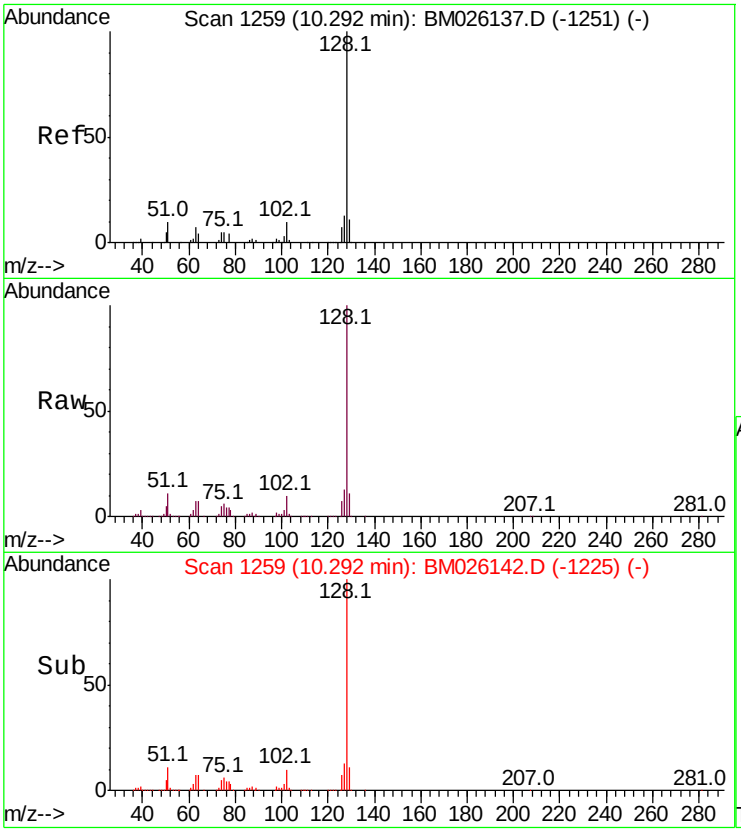


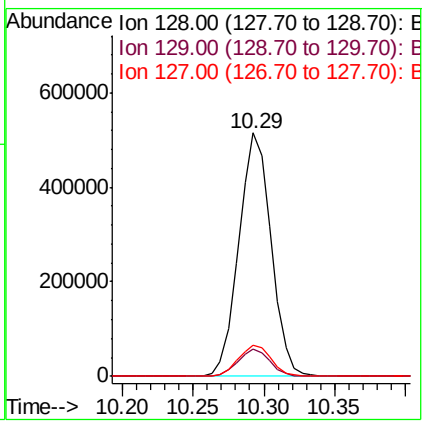


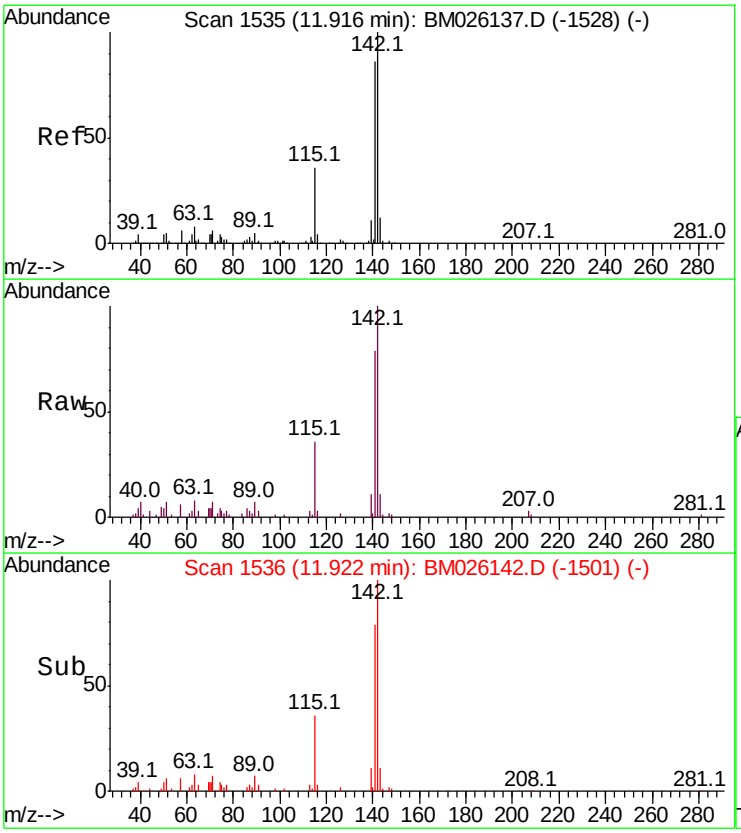
#28
Naphthalene
Concen: 26.596 ng/ul
RT: 10.29 min Scan# 1259
Delta R.T. 0.00 min
Lab File: BM026142.D
Acq: 27 May 2020 13:02

Instrument :
BNA_M
ClientSampleId :
F9B26DL2

Tgt Ion:128 Resp: 824763

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.0	10.6	15.8

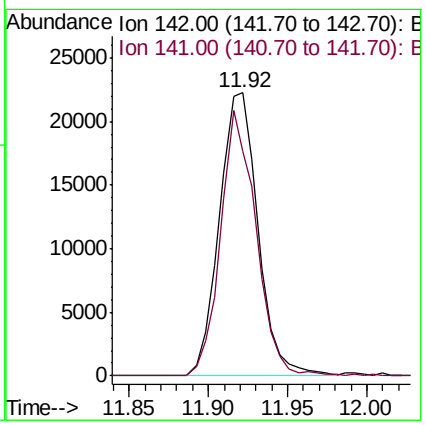


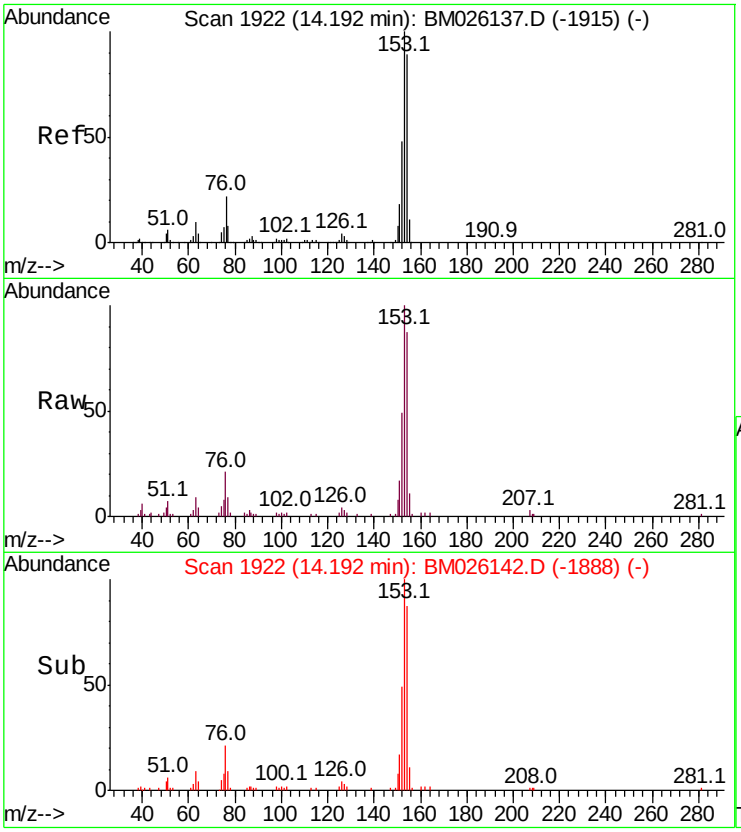


#34
2-Methylnaphthalene
Concen: 1.802 ng/ul
RT: 11.92 min Scan# 1536
Delta R.T. 0.01 min
Lab File: BM026142.D
Acq: 27 May 2020 13:02

Tgt Ion:142 Resp: 37586

Ion	Ratio	Lower	Upper
142	100		
141	79.5	71.8	107.6



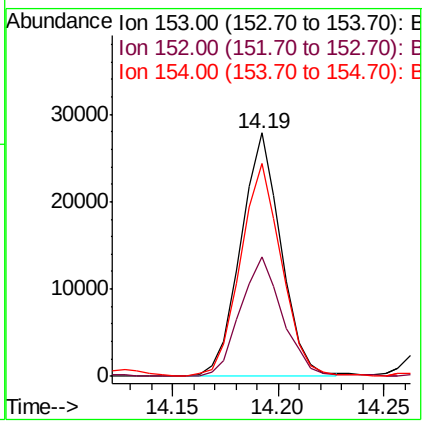


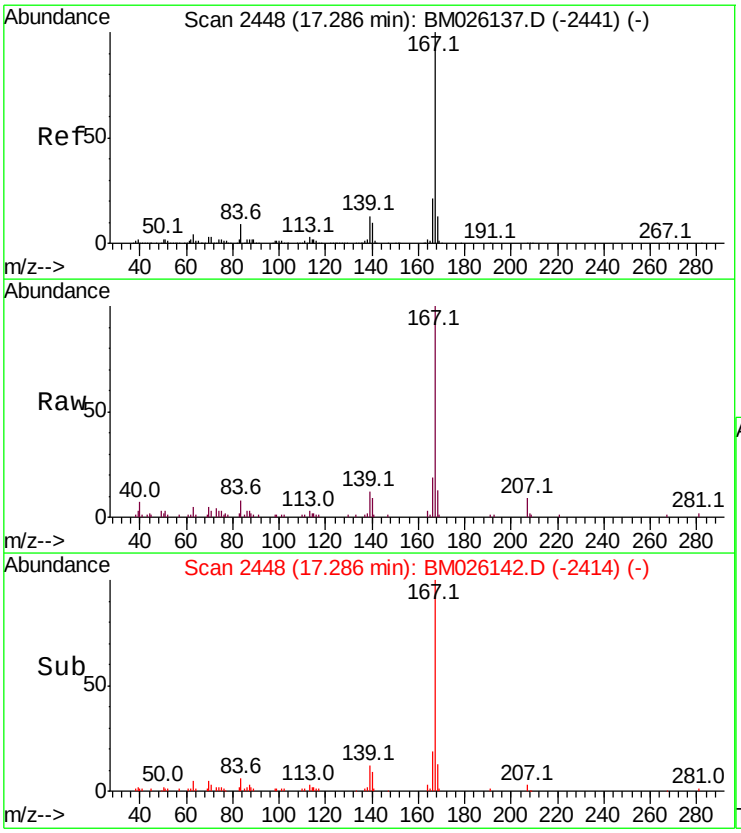
#50
Acenaphthene
Concen: 1.746 ng/ul
RT: 14.19 min Scan# 1922
Delta R.T. 0.00 min
Lab File: BM026142.D
Acq: 27 May 2020 13:02

Instrument :
BNA_M
ClientSampleId :
F9B26DL2

Tgt Ion:153 Resp: 36926

Ion	Ratio	Lower	Upper
153	100		
152	49.1	37.2	55.8
154	87.3	69.8	104.8





#75
Carbazole
Concen: 1.046 ng/ul
RT: 17.29 min Scan# 2448
Delta R.T. 0.00 min
Lab File: BM026142.D
Acq: 27 May 2020 13:02

Tgt Ion:167 Resp: 34070

Ion	Ratio	Lower	Upper
167	100		
166	18.8	16.6	25.0
139	11.7	10.8	16.2